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SENSITIVE

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**DEPARTMENT OF DEFENSE**  
**HANDBOOK**  
LIST OF STANDARD MICROCIRCUIT DRAWINGS



This handbook is for guidance only. Do not cite this document  
as a requirement.

**AMSC N/A**

**FSC 5962**

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## MIL-HDBK-103BD

### FOREWORD

1. This handbook is approved for use by all Departments and Agencies of the Department of Defense.
2. This handbook is for guidance only. This handbook cannot be cited as a requirement. If it is, the contractor does not have to comply.
3. The proliferation of industry prepared drawings for the same part used in a variety of military applications has become an ever increasing item of expense to the DoD. Numerous situations have arisen where one military acquisition document would be more appropriate and cost effective than the multiplicity of contractor prepared drawings. Standard Microcircuit Drawings (SMDs) are being prepared to eliminate the need for the multitude of contractor prepared drawings for the same device when the minimum requirements of SMD's are sufficient to meet the requirements of the application on an interim or permanent basis.
4. Comments, suggestions, or questions on this document should be addressed to: Commander, DLA Land and Maritime, ATTN: VAS, 3990 East Broad St., Columbus, OH 43218-3990, or emailed to [linear@dla.mil](mailto:linear@dla.mil). Since contact information can change, you may want to verify the currency of this address information using the ASSIST online database at <https://assist.dla.mil>.

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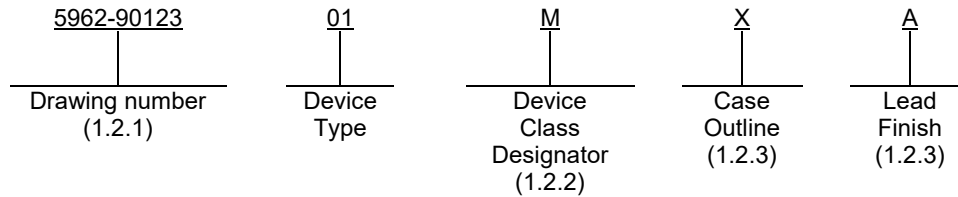
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## 1. SCOPE

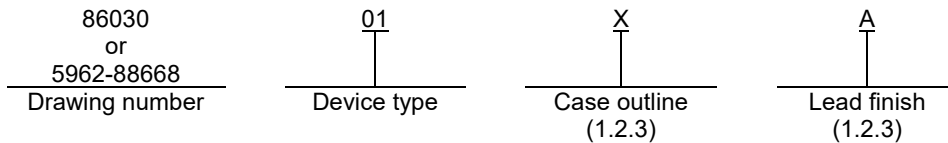
1.1 Purpose. The Standard Microcircuit Drawing Program (SMDP) is directly under the auspices of the DoD Parts Management Program (PMP). The PMP is implemented by MIL-HDBK-512, "Parts Management." The PMP will be the avenue for screening candidate parts for the SMDP by the DLA Land and Maritime Military Parts Control Advisory Group (MPCAG).

1.2 Part or Identifying number (PIN). The PIN's listed in section 1, part I, are composed of the elements shown in the following example (see 1.2.2 for one part - one part number differentiation):

One part - one part number PIN



Non - one part - one part number PIN



1.2.1 Drawing number. One part - one part number SMD's for device classes Q, V, H, and K may cover custom device products which are generally used to specify application specific integrated circuits (both monolithic and hybrid). To differentiate between one part - one part number SMD's that cover standard product from custom product a single alpha character will be placed in the unique 3 digit portion of the SMD drawing number as in the following example: 5962-90A23. This will be the only change to the SMD PIN for custom products.

1.2.2 Device class designator. One part - one part number SMD's (fully implemented after SMD 5962-90659) contain device requirements for all three of the major military microcircuit requirements documents. By establishing a one part number system covering all three documents, the OEM can acquire to the highest level available for a given generic device to meet system needs without modifying the original contract parts selection criteria.

Military documentation format	Example PIN	Manufacturing source listing	Document listing
New MIL-PRF-38535 Standard Microcircuit Drawings	5962-XXXXXZZ(Q,V,T or N)YY	QML-38535	MIL-HDBK-103
New MIL-PRF-38534 Standard Microcircuit Drawings	5962-XXXXXZZ(H,K,D,G or E)YY	QML-38534	MIL-HDBK-103
New 1.2.1 of MIL-STD-883 Standard Microcircuit Drawings, based on Appendix A of MIL-PRF-38535	5962-XXXXXZZ(M)YY	MIL-HDBK-103	MIL-HDBK-103

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1.2.3 Case outline/lead finish. Case outline and lead finish are as described in each SMD. The lead finish indicated in the section 1 Part I listing is the most readily available from the manufacturer listed for the part. The manufacturer is authorized to supply other lead finishes than what is listed provided that further testing/qualification is performed by the manufacturer on the other lead finish(es). The user needs to contact the manufacturer to determine the availability of other lead finishes not listed herein.

1.2.4 Substitutability. Device-class-Q devices will replace device-class-M devices.

2. APPLICABLE DOCUMENTS This section is not applicable to the handbook.

3. DEFINITIONS This section is not applicable to the handbook.

#### 4. REQUIREMENTS

4.1 Drawing requirements. SMD's will be prepared in accordance with ASME Y14.100 and DOD directives.

4.2 Preparation procedures. The procedures for the generation of an SMD are provided in MIL-HDBK-780.

4.3 Drawing effectivity and duration. SMD's and device class M one part - one part number SMDs which have become inactive for new design are reflected in section 1, part 1 of the appendix of this document with an "I" in the status column.

4.4 Approved sources of supply. The approved sources of supply list in this handbook supersedes the approved sources formerly listed in each individual SMD/DLA Land and Maritime Drawing. This handbook is the official list of approved sources of supply for non-one part - one part number SMD PIN's and for device class M one part - one part number SMD PIN's. Device classes B, S, Q, V, T, N (monolithic) and H, K, D, G, E (hybrid) one part - one part number SMD PIN's are listed for the convenience of the users. Official listing for B, S, Q, V, T, N, H, K, D, G, and E levels are available in the applicable QML. Manufacturers should notify DLA Land and Maritime-VA in writing if they no longer wish to be listed as an approved source of supply for any device listed herein. This letter will be used by DSCC to remove the manufacturer from MIL-HDBK-103 for those devices that the manufacturer specifies that he will no longer supply.

4.5 Radiation hardness assurance (RHA) levels. SMD devices which meet the RHA requirements of MIL-PRF-38535 or MIL-PRF-38534 will be marked with the appropriate RHA designator M, D, P, L, R, F, G, or H replacing the dash (-) in the PIN as indicated in the following example:

5962(M, D, P, L, R, F, G, or H)8999901EA

Only the highest RHA level for which the device is qualified will be listed in Section 1, Part I of the appendix of this document; however, at the request of the customer, the manufacturer is authorized to supply any lower RHA level device. At the request of the customer, the non-RHA PIN designated with a dash (-) may be supplied at the option of the manufacturer. The manufacturer may also opt to submit a certificate of compliance to have the non-RHA PIN listed in addition to the RHA PIN in Section 1, Part I of the appendix of this document.

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4.6 Electrostatic discharge sensitivity (ESD) listing. ESD classification levels, as required by MIL-PRF-38534 or MIL-PRF-38535, will be listed in the status column of section 1, part 1, of the appendix. Manufacturers are required to send these classification levels to DLA Land and Maritime-VA for all Standard Microcircuit Drawings for which they are an approved source. The ESD listing in section 1, part 1 of the appendix will be in accordance with the following:

<u>STATUS</u>	<u>INTERPRETATION</u>
Blank	Data not submitted
0	Class 0; < 250 V
1	Class 1; 0 – 1999 V
1A	Class 1A; 250 V – 499 V
1B	Class 1B; 500 V – 999 V
1C	Class 1C; 1,000 V – 1999 V
2	Class 2; 2000 V – 3999 V
3	Class 3; ≥ 4000 V
3A	Class 3A; 4000 V – 7999 V
3B	Class 3B; ≥ 8000 V

## 5. CONFIGURATION MANAGEMENT

5.1 Configuration management of SMDs. All proposed changes to existing SMDs will be coordinated with the military activities and industry users of record for the individual documents. This coordination will be accomplished using DD Form 1693, Engineering Change Proposal (Short Form).

5.2 Record of users. Industrial users should inform DLA Land and Maritime when a system application requires use of the SMD. When notified, DLA Land and Maritime will maintain a record of users and this list will be used for coordination and distribution of changes to the drawings. Users of drawings covering microelectronic devices (FSC 5962) should contact DLA Land and Maritime-VAC, telephone (614) 692-8108.

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6. DISTRIBUTION AND REQUESTS

6.1 Distribution. Requests for individual drawings and revisions to existing drawings may be addressed to:

DLA Land and Maritime  
ATTN: VAC  
3990 E. Broad Street  
Columbus, OH 43218-3990  
Autovon 850-0547  
Commercial (614) 692-0547

6.1.1 Automatic distribution. To be added to a mailing list for automatic distribution of new drawings and revisions to existing drawings requests may be addressed to:

DLA Land and Maritime  
ATTN: VAS  
3990 E. Broad Street  
Columbus, OH 43218-3990  
Autovon 850-8478  
Commercial (614) 692-8478

6.1.2 Electronic distribution. Electronic copies of Standard Microcircuit Drawings are available on the World Wide Web at <https://landandmaritimeapps.dla.mil/Programs/MilSpec>.

6.2 Requests. Requests for copies may be available online at <https://quicksearch.dla.mil>.

7. NOTES

7.1 Intended use. This list has been prepared for use by or for the Government in the acquisition of products covered by SMDs. Listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. This listing supersedes the approved source of supply listing in the individual Standard Microcircuit Drawings, however the listing of a product does not release the supplier from compliance with the SMD requirements.

7.2 Subject item (key word) listing.

Part or identifying number (PIN)  
Drawing number  
Device class designator  
Drawing requirements  
Preparation procedures  
Drawing effectivity and duration  
Approved sources of supply  
Radiation hardness assurance (RHA) levels  
Electrostatic discharge sensitivity (ESD) listing  
Configuration management of SMDs  
Noun code descriptions

7.3 Changes from previous issue. Marginal notations are not used in this revision to identify Changes with respect to the previous issue due to the extent of the changes.

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 TABLE I. Noun Code Descriptions.

<u>Noun</u>	<u>Description</u>
100	MICROCIRCUIT, POSITIVE-NAND GATES, QUAD 2-INPUT
101	MICROCIRCUIT, POSITIVE-NAND GATES, QUAD 2-INPUT, OPEN COLLECTOR OUTPUTS
102	MICROCIRCUIT, POSITIVE-NAND GATES, TRIPLE 3-INPUT
103	MICROCIRCUIT, POSITIVE-NAND GATES, TRIPLE 3-INPUT, OPEN COLLECTOR OUTPUTS
104	MICROCIRCUIT, POSITIVE-NAND GATES, DUAL 4-INPUT
105	MICROCIRCUIT, POSITIVE-NAND GATES, DUAL 4-INPUT, OPEN COLLECTOR OUTPUTS
106	MICROCIRCUIT, POSITIVE-NAND GATES, SINGLE 8-INPUT
107	MICROCIRCUIT, POSITIVE-NAND GATES, SINGLE 8-INPUT, EXPANDABLE
108	MICROCIRCUIT, POSITIVE-NAND GATES (GREATER THAN 8-INPUT)
109	MICROCIRCUIT, POSITIVE-NAND GATES, NOT OTHERWISE CLASSIFIED
110	MICROCIRCUIT, POSITIVE-AND GATES, QUAD 2-INPUT
111	MICROCIRCUIT, POSITIVE-AND GATES, QUAD 2-INPUT, OPEN COLLECTOR OUTPUTS
112	MICROCIRCUIT, POSITIVE-AND GATES, TRIPLE 3-INPUT
113	MICROCIRCUIT, POSITIVE-AND GATES, TRIPLE 3-INPUT, OPEN COLLECTOR OUTPUTS
114	MICROCIRCUIT, POSITIVE-AND GATES, DUAL 4-INPUT
115	MICROCIRCUIT, POSITIVE-AND GATES, DUAL 4-INPUT, OPEN COLLECTOR OUTPUTS
119	MICROCIRCUIT, POSITIVE-AND GATES, N.O.C.
120	MICROCIRCUIT, POSITIVE-NOR GATES, QUAD 2-INPUT
121	MICROCIRCUIT, POSITIVE-NOR GATES, QUAD 2-INPUT, OPEN COLLECTOR OUTPUTS
122	MICROCIRCUIT, POSITIVE-NOR GATES, TRIPLE 3-INPUT
123	MICROCIRCUIT, POSITIVE-NOR GATES, DUAL 4-INPUT
124	MICROCIRCUIT, POSITIVE-NOR GATES, N.O.C.
125	MICROCIRCUIT, POSITIVE-OR GATES
130	MICROCIRCUIT, AND-OR-INVERT GATES, DUAL 2-WIDE
131	MICROCIRCUIT, AND-OR-INVERT GATES, 4-WIDE
132	MICROCIRCUIT, AND-OR-INVERT GATES, 2-WIDE
133	MICROCIRCUIT, AND-OR-INVERT GATES, DUAL 2-WIDE, EXPANDABLE
134	MICROCIRCUIT, AND-OR-INVERT GATES, 4-WIDE, EXPANDABLE
135	MICROCIRCUIT, AND-OR-INVERT GATES, 2-WIDE, EXPANDABLE
139	MICROCIRCUIT, AND-OR-INVERT GATES, N.O.C.
140	MICROCIRCUIT, EXCLUSIVE-OR GATES
141	MICROCIRCUIT, EXCLUSIVE-NOR GATES
142	MICROCIRCUIT, OR-AND GATES
143	MICROCIRCUIT, HEX INVERTERS
144	MICROCIRCUIT, HEX INVERTERS, OPEN COLLECTOR
145	MICROCIRCUIT, EXPANDERS
149	MICROCIRCUIT, LOGIC GATES, N.O.C.
150	MICROCIRCUIT, FLIP FLOPS, AND-GATED, SINGLE J-K FLIP FLOP
151	MICROCIRCUIT, FLIP FLOPS, AND-OR-GATED, SINGLE J-K FLIP FLOP
152	MICROCIRCUIT, FLIP FLOPS, DUAL J-K (2-COMpletely INDEPENDENT CIRCUITS)
153	MICROCIRCUIT, FLIP FLOPS, DUAL J-K (ONE OR MORE COMMON INPUTS)
154	MICROCIRCUIT, FLIP FLOPS, AND-GATED, SINGLE J-K, NEGATIVE EDGE TRIGGERED FLIP FLOP
155	MICROCIRCUIT, FLIP FLOPS, AND-OR-GATED, SINGLE AND NEGATIVE EDGE TRIGGERED FLIP FLOP
156	MICROCIRCUIT, FLIP FLOPS, DUAL J-K, NEGATIVE EDGE TRIGGERED FLIP FLOP (INDEPENDENT CIRCUIT)
157	MICROCIRCUIT, FLIP FLOPS, DUAL J-K, NEGATIVE EDGE TRIGGERED FLIP FLOP (ONE OR MORE COMMON INPUTS)
158	MICROCIRCUIT, FLIP FLOPS, SINGLE OR DUAL D-TYPE
159	MICROCIRCUIT, FLIP FLOPS, QUAD OR HEX D-TYPE
160	MICROCIRCUIT, FLIP FLOPS, R-S
161	MICROCIRCUIT, FLIP FLOPS, AC COUPLED
164	MICROCIRCUIT, FLIP FLOPS, N.O.C.
165	MICROCIRCUIT, MULTIVIBRATORS, SINGLE
166	MICROCIRCUIT, MULTIVIBRATORS, DUAL
167	MICROCIRCUIT, MULTIVIBRATORS, VOLTAGE CONTROLLED
169	MICROCIRCUIT, MULTIVIBRATORS, N.O.C.
180	MICROCIRCUIT, ANALOG GATES/SWITCHES, SPST, 1 CHANNEL
181	MICROCIRCUIT, ANALOG GATES/SWITCHES, SPST, 2 CHANNEL
182	MICROCIRCUIT, ANALOG GATES/SWITCHES, SPST, 3 CHANNEL
183	MICROCIRCUIT, ANALOG GATES/SWITCHES, SPST, 4 CHANNEL
184	MICROCIRCUIT, ANALOG GATES/SWITCHES, SPST, 5 CHANNEL
185	MICROCIRCUIT, ANALOG GATES/SWITCHES, SPDT, 1 CHANNEL
186	MICROCIRCUIT, ANALOG GATES/SWITCHES, SPDT, 2 CHANNEL

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TABLE I. Noun Code Descriptions.

<u>Noun</u>	<u>Description</u>
187	MICROCIRCUIT, ANALOG GATES/SWITCHES, DPST, 1 CHANNEL
188	MICROCIRCUIT, ANALOG GATES/SWITCHES, DPST, 2 CHANNEL
189	MICROCIRCUIT, ANALOG GATES/SWITCHES, DPST, 3 CHANNEL
190	MICROCIRCUIT, ANALOG GATES/SWITCHES, DPDT
191	MICROCIRCUIT, ANALOG GATES/SWITCHES, 4 PST
192	MICROCIRCUIT, ANALOG GATES/SWITCHES, 4-CHANNEL DIFF MULTIPLEXER
193	MICROCIRCUIT, ANALOG GATES/SWITCHES, 8-CHANNEL MULTIPLEXER
194	MICROCIRCUIT, ANALOG GATES/SWITCHES, 8-CHANNEL DIFF MULTIPLEXER
195	MICROCIRCUIT, ANALOG GATES/SWITCHES, 16-CHANNEL MULTIPLEXER
199	MICROCIRCUIT, ANALOG GATES/SWITCHES, N.O.C.
200	MICROCIRCUIT, ARITHMETIC CIRCUITS, ADDERS, SINGLE 1 BIT
201	MICROCIRCUIT, ARITHMETIC CIRCUITS, ADDERS, SINGLE 2 BIT
202	MICROCIRCUIT, ARITHMETIC CIRCUITS, ADDERS, SINGLE 4 BIT
203	MICROCIRCUIT, ARITHMETIC CIRCUITS, ADDERS, DUAL 1 BIT
204	MICROCIRCUIT, ARITHMETIC CIRCUITS, ADDERS, N.O.C.
205	MICROCIRCUIT, ARITHMETIC CIRCUITS, ALU FUNCTIONS GENERATORS
206	MICROCIRCUIT, ARITHMETIC CIRCUITS, LOOK-AHEAD CARRY GENERATORS
207	MICROCIRCUIT, ARITHMETIC CIRCUITS, TRUE/COMPLEMENT, ZERO/ONE ELEMENTS
208	MICROCIRCUIT, ARITHMETIC CIRCUITS, MULTIPLIERS, BINARY/RATE
209	MICROCIRCUIT, ARITHMETIC CIRCUITS, COMPARATORS
210	MICROCIRCUIT, ARITHMETIC CIRCUITS, PARITY GENERATORS/CHECKERS/PARITY TREES
211	MICROCIRCUIT, ARITHMETIC CIRCUITS, SUBTRACTORS
217	MICROCIRCUIT, ARITHMETIC CIRCUITS, CALCULATOR CIRCUITS
218	MICROCIRCUIT, ARITHMETIC CIRCUITS, CENTRAL PROCESSOR UNITS
219	MICROCIRCUIT, ARITHMETIC CIRCUITS, N.O.C.
220	MICROCIRCUIT, REGISTERS, 4 BIT, PARALLEL IN, PARALLEL OUT
221	MICROCIRCUIT, REGISTERS, 4 BIT, PARALLEL IN SERIAL OUT
222	MICROCIRCUIT, REGISTERS, 4 BIT, N.O.C.
223	MICROCIRCUIT, REGISTERS, 5 BIT
224	MICROCIRCUIT, REGISTERS, 8 BIT, PARALLEL IN PARALLEL OUT
225	MICROCIRCUIT, REGISTERS, 8 BIT, PARALLEL IN SERIAL OUT
226	MICROCIRCUIT, REGISTERS, 8 BIT, SERIAL IN PARALLEL OUT
227	MICROCIRCUIT, REGISTERS, 8 BIT, SERIAL IN SERIAL OUT
228	MICROCIRCUIT, REGISTERS, 8 BIT, N.O.C.
229	MICROCIRCUIT, REGISTERS, 9-15 BIT
230	MICROCIRCUIT, REGISTERS, 16 BIT
231	MICROCIRCUIT, REGISTERS, 17-31 BIT
232	MICROCIRCUIT, REGISTERS, 32 BIT
233	MICROCIRCUIT, REGISTERS, 33-63 BIT
234	MICROCIRCUIT, REGISTERS, 64 BIT
235	MICROCIRCUIT, REGISTERS, 65-127 BIT
236	MICROCIRCUIT, REGISTERS, 128 BIT
237	MICROCIRCUIT, REGISTERS, 129-255 BIT
238	MICROCIRCUIT, REGISTERS, 256 BIT
239	MICROCIRCUIT, REGISTERS, 257-511 BIT
240	MICROCIRCUIT, REGISTERS, 512 BIT
241	MICROCIRCUIT, REGISTERS, 513-1023 BIT
242	MICROCIRCUIT, REGISTERS, 1024 BIT
243	MICROCIRCUIT, REGISTERS, 1025-2047 BIT
244	MICROCIRCUIT, REGISTERS, 2048 BIT
245	MICROCIRCUIT, REGISTERS, 2049-4095 BIT
246	MICROCIRCUIT, REGISTERS, 4096 BIT
247	MICROCIRCUIT, REGISTERS, GREATER THAN 4096 BIT
249	MICROCIRCUIT, REGISTERS, N.O.C.
260	MICROCIRCUIT, CODE CONVERTERS, USACII TO EBCDIC (OR VICE VERSA)
261	MICROCIRCUIT, CODE CONVERTERS, USACII TO SELECTRIC
262	MICROCIRCUIT, CODE CONVERTERS, BINARY TO BCD (OR VICE VERSA)
263	MICROCIRCUIT, CODE CONVERTERS, HOLLERITH TO USACII
269	MICROCIRCUIT, CODE CONVERTERS, N.O.C.
270	MICROCIRCUIT, DATA SELECTORS, MULTIPLEXERS, 16-LINE-TO-1-LINE
271	MICROCIRCUIT, DATA SELECTORS, MULTIPLEXERS, 8-LINE-TO-1-LINE

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TABLE I. Noun Code Descriptions.

<u>Noun</u>	<u>Description</u>
272	MICROCIRCUIT, DATA SELECTORS, MULTIPLEXERS, 8-LINE-TO-1-LINE TRI-STATE OUTPUT
273	MICROCIRCUIT, DATA SELECTORS, MULTIPLEXERS, DUAL 4-LINE-TO-1-LINE
274	MICROCIRCUIT, DATA SELECTORS, MULTIPLEXERS, DUAL 4-LINE-TO-1-LINE TRI-STATE OUTPUT
275	MICROCIRCUIT, DATA SELECTORS, MULTIPLEXERS, QUAD 2-LINE-TO-1-LINE
276	MICROCIRCUIT, DATA SELECTORS, MULTIPLEXERS, QUAD 2-LINE-TO-1-LINE TRI-STATE OUTPUT
279	MICROCIRCUIT, DATA SELECTORS, MULTIPLEXERS, N.O.C.
280	MICROCIRCUIT, DECODERS/DEMULTIPLEXERS, 4-LINE-TO-16-LINE
281	MICROCIRCUIT, DECODERS/DEMULTIPLEXERS, 4-LINE-TO-10-LINE
282	MICROCIRCUIT, DECODERS/DEMULTIPLEXERS, 3-LINE-TO-8-LINE
283	MICROCIRCUIT, DECODERS/DEMULTIPLEXERS, DUAL 2-LINE-TO-4-LINE
284	MICROCIRCUIT, DECODERS/DEMULTIPLEXERS, 1-LINE-TO-8-LINE
289	MICROCIRCUIT, DECODERS/DEMULTIPLEXERS, N.O.C.
290	MICROCIRCUIT, DISPLAY DECODERS/DRIVERS, BCD-TO-DECIMAL
291	MICROCIRCUIT, DISPLAY DECODERS/DRIVERS, BCD-TO-SEVEN SEGMENT
292	MICROCIRCUIT, DISPLAY DECODERS/DRIVERS, BCD-TO-DECIMAL WITH COUNTER/LATCH
293	MICROCIRCUIT, DISPLAY DECODERS/DRIVERS, BCD-TO-SEVEN SEGMENT WITH COUNTER LATCH
299	MICROCIRCUIT, DISPLAY DECODERS/DRIVERS, N.O.C.
300	MICROCIRCUIT, COUNTERS, BCD, ASYNCHRONOUS
301	MICROCIRCUIT, COUNTERS, BCD, SYNCHRONOUS
302	MICROCIRCUIT, COUNTERS, BCD, N.O.C.
303	MICROCIRCUIT, COUNTERS, BINARY, ASYNCHRONOUS
304	MICROCIRCUIT, COUNTERS, BINARY, SYNCHRONOUS
305	MICROCIRCUIT, COUNTERS, BINARY, N.O.C.
306	MICROCIRCUIT, COUNTERS, DECIMAL
307	MICROCIRCUIT, COUNTERS, RING
308	MICROCIRCUIT, COUNTERS, HEXADECIMAL
309	MICROCIRCUIT, COUNTERS, VARIABLE MODULO
319	MICROCIRCUIT, COUNTERS, N.O.C.
320	MICROCIRCUIT, CHARACTER GENERATORS, STATIC, ASCII FONT, RASTER-COLUMN SCAN
321	MICROCIRCUIT, CHARACTER GENERATORS, STATIC, ASCII FONT, RASTER-ROW SCAN
322	MICROCIRCUIT, CHARACTER GENERATORS, STATIC, CUSTOM, RASTER-COLUMN SCAN
323	MICROCIRCUIT, CHARACTER GENERATORS, STATIC, CUSTOM, RASTER-ROW SCAN
324	MICROCIRCUIT, CHARACTER GENERATORS, STATIC, NUMERIC
329	MICROCIRCUIT, CHARACTER GENERATORS, STATIC, N.O.C.
330	MICROCIRCUIT, CHARACTER GENERATORS, DYNAMIC, ASCII FONT
331	MICROCIRCUIT, CHARACTER GENERATORS, DYNAMIC, CUSTOM
339	MICROCIRCUIT, CHARACTER GENERATORS, DYNAMIC, N.O.C.
340	MICROCIRCUIT, LATCHES, 4-BIT
341	MICROCIRCUIT, LATCHES, 8-BIT
342	MICROCIRCUIT, LATCHES, N.O.C.
345	MICROCIRCUIT, PRIORITY ENCODERS
350	MICROCIRCUIT, PRESCALERS
355	MICROCIRCUIT, MSI/LSI MULTIPLE-FUNCTION CIRCUITS
360	MICROCIRCUIT, DIGITAL DELAY LINES
365	MICROCIRCUIT, GATE ARRAY, SEMICUSTOM
366	MICROCIRCUIT, LOGIC ARRAY, SEMICUSTOM
367	MICROCIRCUIT, STANDARD CELL ARRAY
368	MICROCIRCUIT, CELL ARRAY
380	MICROCIRCUIT, PROGRAMMABLE LOGIC DEVICE
381	MICROCIRCUIT, FIELD-PROGRAMMABLE GATE ARRAY
399	MICROCIRCUIT, DIGITAL CIRCUITS, N.O.C.
400	MICROCIRCUIT, MICROPROCESSORS, BIT/SLICE
401	MICROCIRCUIT, MICROPROCESSORS, 4-BIT
402	MICROCIRCUIT, MICROPROCESSORS, 8-BIT
403	MICROCIRCUIT, MICROPROCESSORS, 16-BIT
404	MICROCIRCUIT, MICROPROCESSORS, 32-BIT
409	MICROCIRCUIT, MICROPROCESSORS, NOC
410	MICROCIRCUIT, MICROCOMPUTERS, 8-BIT
411	MICROCIRCUIT, MICROCOMPUTERS, 16-BIT
412	MICROCIRCUIT, MICROCOMPUTERS, 32-BIT
419	MICROCIRCUIT, MICROCOMPUTERS, NOC

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TABLE I. Noun Code Descriptions.

<u>Noun</u>	<u>Description</u>
420	MICROCIRCUIT, MICROPROCESSOR SUPPORT CIRCUITS, CONTROLLERS
421	MICROCIRCUIT, MICROPROCESSOR SUPPORT CIRCUITS, INPUT/OUTPUT/INTERFACE
422	MICROCIRCUIT, MICROPROCESSOR OR SUPPORT CIRCUITS, CLOCK GENERATORS
423	MICROCIRCUIT, DMA CONTROLLERS
424	MICROCIRCUIT, PROGRAMMABLE INTERVAL TIMER
429	MICROCIRCUIT, MICROPROCESSOR SUPPORT CIRCUITS, NOC
430	MICROCIRCUIT, MICROPROCESSOR MULTIPLIERS
431	MICROCIRCUIT, FIELD PROGRAMMABLE LOGIC ARRAYS (FPLA)
432	MICROCIRCUIT, DIGITAL SIGNAL PROCESSOR
433	MICROCIRCUIT, DATA ACQUISITION SYSTEM
439	MICROCIRCUIT, VLSI MICROPROCESSOR SPECIAL CIRCUIT, NOC
440	MICROCIRCUIT, MICROPROCESSOR CONVERTERS
441	MICROCIRCUIT, MANCHESTER ENCODERS
449	MICROCIRCUIT, LINEAR MICROPROCESSOR SUPPORT CIRCUITS, NOC
450	MICROCIRCUIT, ANALOG MICROPROCESSORS
460	OPTIC ISOLATORS/COUPLERS
461	SENSOR ARRAYS
462	MICROCIRCUIT, PHOTO DETECTOR
500	MICROCIRCUIT, BUFFERS/DRIVERS (TOTEM POLE, STD. VOLTAGE OUTPUT) NAND QUAD 2-INPUT
501	MICROCIRCUIT, BUFFERS/DRIVERS (TOTEM POLE, STD. VOLTAGE OUTPUT) NAND DUAL 4-INPUT
502	MICROCIRCUIT, BUFFERS/DRIVERS (TOTEM POLE, STD. VOLTAGE OUTPUT) AND
503	MICROCIRCUIT, BUFFERS/DRIVERS (TOTEM POLE, STD. VOLTAGE OUTPUT) NOR
509	MICROCIRCUIT, BUFFERS/DRIVERS (TOTEM POLE, STD. VOLTAGE OUTPUT) N.O.C.
510	MICROCIRCUIT, BUFFERS/DRIVERS (OPEN-COLLECTOR, HIGH VOLTAGE OUTPUT) NAND
511	MICROCIRCUIT, BUFFERS/DRIVERS (OPEN-COLLECTOR, HIGH VOLTAGE OUTPUT) AND
512	MICROCIRCUIT, BUFFERS DRIVERS (OPEN-COLLECTOR, HIGH VOLTAGE OUTPUT) NOR
513	MICROCIRCUIT, BUFFERS DRIVERS (OPEN-COLLECTOR, HIGH VOLTAGE OUTPUT) HEX
514	MICROCIRCUIT, BUFFERS DRIVERS (OPEN-COLLECTOR, HIGH VOLTAGE OUTPUT) HEX INVERTER
519	MICROCIRCUIT, BUFFERS DRIVERS (OPEN-COLLECTOR, HIGH VOLTAGE OUTPUT) N.O.C.
520	MICROCIRCUIT, BUFFERS DRIVERS (TRI-STATE OUTPUT) QUAD
521	MICROCIRCUIT, BUFFERS DRIVERS (TRI-STATE OUTPUT) QUAD INVERTER
522	MICROCIRCUIT, BUFFERS DRIVERS (TRI-STATE OUTPUT) HEX
523	MICROCIRCUIT, BUFFERS DRIVERS (TRI-STATE OUTPUT) HEX INVERTER
529	MICROCIRCUIT, BUFFERS/DRIVERS (TRI-STATE OUTPUT) N.O.C.
530	MICROCIRCUIT, POWER DRIVERS (HIGH CURRENT IN "ON" STATE, HIGH VOLTAGE IN "OFF" STATE) NAND
531	MICROCIRCUIT, POWER DRIVERS (HIGH CURRENT IN "ON" STATE, HIGH VOLTAGE IN "OFF" STATE) OR
532	MICROCIRCUIT, POWER DRIVERS (HIGH CURRENT IN "ON" STATE, HIGH VOLTAGE IN "OFF" STATE) NOR
533	MICROCIRCUIT, POWER DRIVERS (HIGH CURRENT IN "ON" STATE, HIGH VOLTAGE IN "OFF" STATE) AND
539	MICROCIRCUIT, POWER DRIVERS, N.O.C.
540	MICROCIRCUIT, CMOS BUFFERS/CONVERTERS, HEX
541	MICROCIRCUIT, CMOS BUFFERS/CONVERTERS, HEX INVERTERS
542	MICROCIRCUIT, CMOS BUFFERS/CONVERTERS, QUAD
544	MICROCIRCUIT, CMOS BUFFERS/CONVERTERS, N.O.C.
545	MICROCIRCUIT, LOGIC-LEVEL CONVERTERS/TRANSLATORS, HIGH-TO-LOW OR VICE VERSA
546	MICROCIRCUIT, LOGIC-LEVEL CONVERTERS/TRANSLATORS, SATURATED-TO-ECL OR VICE VERSA
547	MICROCIRCUIT, LOGIC-LEVEL CONVERTERS/TRANSLATORS, TTL-TO-ECL OR VICE VERSA
548	MICROCIRCUIT, LOGIC-LEVEL CONVERTERS/TRANSLATORS, TTL-TO-MOS OR VICE VERSA
549	MICROCIRCUIT, LOGIC-LEVEL CONVERTERS/TRANSLATORS, N.O.C.
550	MICROCIRCUIT, MOS CLOCK DRIVERS
555	MICROCIRCUIT, FET SWITCH DRIVERS
560	MICROCIRCUIT, LINE/BUSS DRIVERS, NAND
561	MICROCIRCUIT, LINE/BUSS DRIVERS, NOR
562	MICROCIRCUIT, LINE/BUSS DRIVERS, DUAL, SINGLE OUTPUT
563	MICROCIRCUIT, LINE/BUSS DRIVERS, TRIPLE
564	MICROCIRCUIT, LINE/BUSS DRIVERS, DUAL, DIFFERENTIAL OUTPUT
565	MICROCIRCUIT, LINE/BUSS DRIVERS, TRI-STATE OUTPUT
566	MICROCIRCUIT, LINE/BUSS DRIVERS, TERMINATED
569	MICROCIRCUIT, LINE/BUSS DRIVERS, N.O.C.
570	MICROCIRCUIT, LINE RECEIVERS, DUAL
571	MICROCIRCUIT, LINE RECEIVERS, TRIPLE
572	MICROCIRCUIT, LINE RECEIVERS, QUAD



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TABLE I. Noun Code Descriptions.

<u>Noun</u>	<u>Description</u>
573	MICROCIRCUIT, LINE RECEIVERS, DUAL DIFFERENTIAL INPUT
574	MICROCIRCUIT, LINE RECEIVERS, TRIPLE DIFFERENTIAL INPUT
575	MICROCIRCUIT, LINE RECEIVERS, QUAD DIFFERENTIAL INPUT
579	MICROCIRCUIT, LINE RECEIVERS, N.O.C.
580	MICROCIRCUIT, PERIPHERAL DRIVERS, DUAL POS-AND
581	MICROCIRCUIT, PERIPHERAL DRIVERS, DUAL POS-NAND
582	MICROCIRCUIT, PERIPHERAL DRIVERS, DUAL POS-OR
583	MICROCIRCUIT, PERIPHERAL DRIVERS, DUAL POS-NOR
584	MICROCIRCUIT, PERIPHERAL DRIVERS, MEMORY DRIVERS
589	MICROCIRCUIT, PERIPHERAL DRIVERS, N.O.C.
590	MICROCIRCUIT, LINE TRANSCEIVERS
591	MICROCIRCUIT, D/A CONVERTERS
592	MICROCIRCUIT, A/D CONVERTERS
593	MICROCIRCUIT, V/F, F/V CONVERTERS-
594	MICROCIRCUIT, CONVERTERS, N.O.C.
599	MICROCIRCUIT, INTERFACE CIRCUITS, N.O.C.
600	MICROCIRCUIT, READ-WRITE MEMORIES, 16-BIT (4X4), STATIC
601	MICROCIRCUIT, READ-WRITE MEMORIES, 16-BIT (16X1), STATIC
602	MICROCIRCUIT, READ-WRITE MEMORIES, 64-BIT (16X4), STATIC
603	MICROCIRCUIT, READ-WRITE MEMORIES, 64-BIT (64X1), STATIC
604	MICROCIRCUIT, READ-WRITE MEMORIES, 256-BIT (64X4), STATIC
605	MICROCIRCUIT, READ-WRITE MEMORIES, 256-BIT (64X4), DYNAMIC
606	MICROCIRCUIT, READ-WRITE MEMORIES, 256-BIT (256X1), STATIC
607	MICROCIRCUIT, READ-WRITE MEMORIES, 512-WORD, STATIC
608	MICROCIRCUIT, READ-WRITE MEMORIES, 1024-BIT, STATIC
609	MICROCIRCUIT, READ-WRITE MEMORIES, 1024-BIT, DYNAMIC
610	MICROCIRCUIT, READ-WRITE MEMORIES, 2048-BIT, STATIC
611	MICROCIRCUIT, READ-WRITE MEMORIES, 2048-BIT, DYNAMIC
612	MICROCIRCUIT, READ-WRITE MEMORIES, 4096-BIT, STATIC
613	MICROCIRCUIT, READ-WRITE MEMORIES, 4096-BIT, DYNAMIC
614	MICROCIRCUIT, READ-WRITE MEMORIES, 8192-BIT, STATIC
615	MICROCIRCUIT, READ-WRITE MEMORIES, 8192-BIT, DYNAMIC
616	MICROCIRCUIT, READ-WRITE MEMORIES, 16384-BIT, STATIC
617	MICROCIRCUIT, READ-WRITE MEMORIES, 16384-BIT, DYNAMIC
618	MICROCIRCUIT, READ-WRITE MEMORIES, 32768-BIT, STATIC
619	MICROCIRCUIT, READ-WRITE MEMORIES, 32768-BIT, DYNAMIC
620	MICROCIRCUIT, READ-WRITE MEMORIES, 65536-BIT, STATIC
621	MICROCIRCUIT, READ-WRITE MEMORIES, 65536-BIT, DYNAMIC
622	MICROCIRCUIT, READ-WRITE MEMORIES, 128K
623	MICROCIRCUIT, READ-WRITE MEMORIES, 256K
624	MICROCIRCUIT, READ-WRITE MEMORIES, 512K
625	MICROCIRCUIT, READ-WRITE MEMORIES, 1024K
627	MICROCIRCUIT, READ-WRITE MEMORIES, MULTIPLE PORT REGISTERS
628	MICROCIRCUIT, READ-WRITE MEMORIES, CONTENT ADDRESSABLE
629	MICROCIRCUIT, READ-WRITE MEMORIES, N.O.C.
630	MICROCIRCUIT, READ-ONLY MEMORIES, MASK PROGRAMMABLE, 32X8
631	MICROCIRCUIT, READ-ONLY MEMORIES, MASK PROGRAMMABLE, 64X8
632	MICROCIRCUIT, READ-ONLY MEMORIES, MASK PROGRAMMABLE, 128X8
633	MICROCIRCUIT, READ-ONLY MEMORIES, MASK PROGRAMMABLE, 256X4
634	MICROCIRCUIT, READ-ONLY MEMORIES, MASK PROGRAMMABLE, 256X8
635	MICROCIRCUIT, READ-ONLY MEMORIES, MASK PROGRAMMABLE, 256X10/256X12
636	MICROCIRCUIT, READ-ONLY MEMORIES, MASK PROGRAMMABLE, 512 WORD
637	MICROCIRCUIT, READ-ONLY MEMORIES, MASK PROGRAMMABLE, 1024 WORD
638	MICROCIRCUIT, READ-ONLY MEMORIES, MASK PROGRAMMABLE, 2048 WORD
639	MICROCIRCUIT, READ-ONLY MEMORIES, MASK PROGRAMMABLE, 4096 WORD
640	MICROCIRCUIT, READ-ONLY MEMORIES, MASK PROGRAMMABLE, 8192 WORD
641	MICROCIRCUIT, READ-ONLY MEMORIES, MASK PROGRAMMABLE, 16384 WORD
642	MICROCIRCUIT, READ-ONLY MEMORIES, MASK PROGRAMMABLE, 32768 WORD
649	MICROCIRCUIT, READ-ONLY MEMORIES, MASK PROGRAMMABLE, N.O.C.
650	MICROCIRCUIT, READ-ONLY MEMORIES, ELECTRICALLY PROGRAMMABLE, 32X8
651	MICROCIRCUIT, READ-ONLY MEMORIES, ELECTRICALLY PROGRAMMABLE, 64X8



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TABLE I. Noun Code Descriptions.

<u>Noun</u>	<u>Description</u>
652	MICROCIRCUIT, READ-ONLY MEMORIES, ELECTRICALLY PROGRAMMABLE, 256X1
653	MICROCIRCUIT, READ-ONLY MEMORIES, ELECTRICALLY PROGRAMMABLE, 256X4
654	MICROCIRCUIT, READ-ONLY MEMORIES, ELECTRICALLY PROGRAMMABLE, 256X8
655	MICROCIRCUIT, READ-ONLY MEMORIES, ELECTRICALLY PROGRAMMABLE, 512X4
656	MICROCIRCUIT, READ-ONLY MEMORIES, ELECTRICALLY PROGRAMMABLE, 4096
657	MICROCIRCUIT, READ-ONLY MEMORIES, ELECTRICALLY PROGRAMMABLE, 8192 BIT
658	MICROCIRCUIT, READ-ONLY MEMORIES, ELECTRICALLY PROGRAMMABLE, 16384 BIT
659	MICROCIRCUIT, READ-ONLY MEMORIES, ELECTRICALLY PROGRAMMABLE, 32768 BIT
660	MICROCIRCUIT, READ-ONLY MEMORIES, ELECTRICALLY PROGRAMMABLE, 65536 BIT
661	MICROCIRCUIT, READ-ONLY MEMORIES, ELECTRICALLY PROGRAMMABLE, 128K BIT
662	MICROCIRCUIT, READ-ONLY MEMORIES, ELECTRICALLY PROGRAMMABLE AND ALTERABLE, UV ERASABLE, 256K
663	MICROCIRCUIT, PROMS, 512K
664	MICROCIRCUIT, PROMS, 1024K
669	MICROCIRCUIT, READ-ONLY MEMORIES, ELECTRICALLY PROGRAMMABLE, NOC
670	MICROCIRCUIT, FIRST-IN-FIRST-OUT (FIFO) MEMORIES
671	MICROCIRCUIT, BUBBLE MEMORIES, MAGNETIC
699	MICROCIRCUIT, MEMORY DEVICES, N.O.C.
700	MICROCIRCUIT, OPERATIONAL AMPLIFIER, INTERNALLY COMPENSATED, GENERAL PURPOSE
701	MICROCIRCUIT, OPERATIONAL AMPLIFIER, INTERNALLY COMPENSATED, LOW CURRENT
702	MICROCIRCUIT, OPERATIONAL AMPLIFIER, INTERNALLY COMPENSATED, HIGH SPEED
703	MICROCIRCUIT, OP AMP, INTERNALLY COMPENSATED, FET INPUT
710	MICROCIRCUIT, OPERATIONAL AMPLIFIER, DUAL AMPLIFIER
711	MICROCIRCUIT, VOLTAGE FOLLOWERS
712	MICROCIRCUIT, DIFFERENTIAL AMPS (DIFFERENTIAL OUTPUT)
713	MICROCIRCUIT, QUAD AMPS
719	MICROCIRCUIT, OP AMPS, INTERNALLY COMPENSATED, N.O.C.
720	MICROCIRCUIT, EXT COMP SINGLE AMP DIFF INPUT SINGLE OUTPUT GENERAL PURPOSE
721	MICROCIRCUIT, EXT COMP SINGLE AMP DIFF INPUT SINGLE OUTPUT LOW CURRENT MAX INPUT OFFSETCURRENT AT 25 DEG C < 30
722	MICROCIRCUIT, EXT COMP SINGLE AMP DIFF INPUT SINGLE OUTPUT HIGH SPEED (TYP SLEW RATE AT 25 DEG C GREATER 5 V/MICRO S)
723	MICROCIRCUIT, EXT COMP SINGLE AMP DIFF INPUT SINGLE OUTPUT FET INPUT
724	MICROCIRCUIT, EXT COMP SINGLE AMP DIFF INPUT SINGLE OUTPUT POWER
730	MICROCIRCUIT, OP AMPS, EXTERNALLY COMPENSATED, DUAL
738	MICROCIRCUIT, OP AMPS, EXTERNALLY COMPENSATED, N.O.C.
739	MICROCIRCUIT, OP AMPS, N.O.C.
740	MICROCIRCUIT, SENSE AMPS, SINGLE CHANNEL
741	MICROCIRCUIT, SENSE AMPS, DUAL CHANNEL, COMMON OUTPUT
742	MICROCIRCUIT, SENSE AMPS, DUAL CHANNEL, INDEPENDENT OUTPUT
743	MICROCIRCUIT, SENSE AMPS, 4-CHANNEL W/CHANNEL SELECT
749	MICROCIRCUIT, SENSE AMPS, N.O.C.
750	MICROCIRCUIT, RF/IF AMPS
751	MICROCIRCUIT, PROGRAMMABLE AMPLIFIERS
752	MICROCIRCUIT, CURRENT AMPLIFIERS
753	MICROCIRCUIT, POWER AMPLIFIERS
754	MICROCIRCUIT, INSTRUMENTATION AMPLIFIERS
755	MICROCIRCUIT, WIDEBAND DC AMPLIFIERS
760	MICROCIRCUIT, VIDEO AMPLIFIERS
765	MICROCIRCUIT, AUDIO AMPLIFIERS
770	MICROCIRCUIT, DIFFERENTIAL VOLTAGE COMPARATORS, SINGLE AMPLIFIER, SINGLE OUTPUT
771	MICROCIRCUIT, DIFFERENTIAL VOLTAGE COMPARATORS, SINGLE AMPLIFIER, SINGLE OUTPUT, WITH STROBE
772	MICROCIRCUIT, DIFFERENTIAL VOLTAGE COMPARATORS, DIFFERENTIAL OUTPUT
773	MICROCIRCUIT, DIFFERENTIAL VOLTAGE COMPARATORS, DUAL, COMMON OUTPUT
774	MICROCIRCUIT, DIFFERENTIAL VOLTAGE COMPARATORS, DUAL SEPARATE OUTPUT
775	MICROCIRCUIT, DIFFERENTIAL VOLTAGE COMPARATORS, DUAL, SEPARATE OUTPUTS, WITH STROBE
776	MICROCIRCUIT, DIFFERENTIAL VOLTAGE COMPARATORS, QUAD (4 SEPARATE AMPS)
779	MICROCIRCUIT, DIFFERENTIAL VOLTAGE COMPARATORS, N.O.C.
780	MICROCIRCUIT, VOLTAGE REGULATORS, POSITIVE, VARIABLE
781	MICROCIRCUIT, VOLTAGE REGULATORS, NEGATIVE, VARIABLE
782	MICROCIRCUIT, VOLTAGE REGULATORS, POSITIVE, FIXED
783	MICROCIRCUIT, VOLTAGE REGULATORS, NEGATIVE, FIXED

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TABLE I. Noun Code Descriptions.

<u>Noun</u>	<u>Description</u>
784	MICROCIRCUIT, VOLTAGE REGULATORS, TRACKING
785	MICROCIRCUIT, REGULATOR/REFERENCE DIODE
786	MICROCIRCUIT, SWITCHING REGULATORS
787	MICROCIRCUIT, REGULATOR CONTROL CIRCUITS
789	MICROCIRCUIT, VOLTAGE REGULATORS, N.O.C.
790	MICROCIRCUIT, ARRAYS, TRANSISTOR
791	MICROCIRCUIT, ARRAYS, DIODE
792	MICROCIRCUIT, ARRAYS, NOC
800	MICROCIRCUIT, COMMUNICATION CIRCUITS, LOGARITHMIC AMPLIFIERS/ANTILOG AMPLIFIERS
801	MICROCIRCUIT, BALANCED MIXERS
802	MICROCIRCUIT, COMMUNICATION CIRCUITS, PHASE-FREQUENCY DETECTORS
803	MICROCIRCUIT, COMMUNICATION CIRCUITS, PHASE-LOCKED LOOPS
804	MICROCIRCUIT, COMMUNICATION CIRCUITS, MODULATORS-DEMODULATORS
805	MICROCIRCUIT, ACTIVE FILTERS
806	MICROCIRCUIT, SIGNALING CIRCUITS
807	MICROCIRCUIT, CODEC CIRCUITS
808	MICROCIRCUIT, MODEM CIRCUITS
809	MICROCIRCUIT, COMMUNICATION CIRCUITS, N.O.C.
810	MICROCIRCUIT, LINEAR CIRCUITS, MISCELLANEOUS, QUADRANT MULTIPLIERS/DIVIDERS
812	MICROCIRCUIT, LINEAR CIRCUITS, MISCELLANEOUS, ZERO-VOLTAGE SWITCHES
813	MICROCIRCUIT, LINEAR CIRCUITS, MISCELLANEOUS, WAVEFORM-FUNCTION GENERATORS
814	MICROCIRCUIT, LINEAR CIRCUITS, MISCELLANEOUS, TIMERS
815	MICROCIRCUIT, LINEAR CIRCUITS, MISCELLANEOUS, OSCILLATORS, VOLTAGE CONTROLLED
816	MICROCIRCUIT, LINEAR CIRCUITS, MISCELLANEOUS, OSCILLATORS, RF/IF
817	MICROCIRCUIT, LINEAR CIRCUITS, MISCELLANEOUS, OSCILLATORS, AUDIO
818	MICROCIRCUIT, LINEAR CIRCUITS, MISCELLANEOUS, SAMPLE AND HOLD CIRCUITS
819	MICROCIRCUIT, LINEAR CIRCUITS, MISCELLANEOUS, MULTIPLE FUNCTION CIRCUITS
820	MICROCIRCUIT, AM/FM RECEIVER CIRCUITS
821	MICROCIRCUIT, LINEAR CIRCUITS, MISCELLANEOUS, CURRENT SOURCE/DRIVER
822	MICROCIRCUIT, IMAGE SENSOR
830	MICROCIRCUIT, GRAPHIC AND TV CIRCUITS
831	MICROCIRCUIT, SOUND GENERATION CIRCUITS
839	MICROCIRCUIT, SPECIAL FUNCTION CIRCUITS, NOC
899	MICROCIRCUIT, LINEAR CIRCUITS, N.O.C.
998	MICROCIRCUIT, TEMPORARILY UNCLASSIFIED
999	GENERAL SPECS MIL PART NUMBERS

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962R0050101V9A	E	10/15/2014	1	TI		Y LM136-2.5 MDR		785
5962-0050101QXA	E	10/15/2014		(NONE)		LM136A-2.5 (GEN)		785
5962R0050101QXA	E	10/15/2014		(NONE)		LM136A-2.5 (GEN)		785
5962R0050101VXA	E	10/15/2014	1	TI		Y LM136AH-2.5RQV		785
5962R0050102V9A	E	10/15/2014	1	TI		Y LM136-2.5 MDE		785
5962R0050102VXA	E	10/15/2014	1	TI		Y LM136AH-2.5RLQV		785
5962-0050201KXC	D	05/06/2013	1	AEROFLEX		Y ACT8500-S		199
5962F0050201KXC	D	05/06/2013	1	AEROFLEX		Y ACT8500-901-1S		199
5962-0050202KXC	D	05/06/2013	1	AEROFLEX		Y ACT8501-S		199
5962F0050202KXC	D	05/06/2013	1	AEROFLEX		Y ACT8501-901-1S		199
5962-0050401QXC	B	10/19/2017	1	E2V SEMI.		Y TS8388BMFSB/Q		592
5962-0050401QYC	B	10/19/2017	1	E2V SEMI.		Y TS8388BMFB/Q		592
5962-0050601Q2A	C	01/25/2013		(NONE)	11/28/2015	54LVC157A (GEN)		275
5962-0050601QEA	C	01/25/2013	2	TI		Y SNJ54LVC157AJ		275
5962-0050601QFA	C	01/25/2013	2	TI		Y SNJ54LVC157AW		275
5962-0050701QEA	C	10/24/2017	1	SRI		Y GEM22101QEA		319
5962-0050701QEC	C	10/24/2017	1	SRI		Y GEM22101QEC		319
5962-0050901Q2A	B	01/25/2013		(NONE)	11/28/2015	54LVC257A (GEN)		275
5962-0050901QEA	B	01/25/2013		(NONE)	11/28/2015	54LVC257A (GEN)		275
5962-0050901QFA	B	01/25/2013	2	TI		Y SNJ54LVC257AW		275
5962-0051001QXA	D	02/25/2019	1	TI		Y SMJ320C6203		432
5962-0051101NXD	B	12/15/2017	1	TI		Y THS1408MPHP		592
5962-0051201Q2A	F	11/09/2018		(NONE)	11/28/2015	TLV2460M (GEN)		719
5962-0051201QHA	F	11/09/2018	1	TI		Y TLV2460MUB		719
5962-0051201QPA	F	11/09/2018		(NONE)	11/28/2015	TLV2460M (GEN)		719
5962-0051202Q2A	F	11/09/2018		(NONE)	11/28/2015	TLV2460AM (GEN)		719
5962-0051202QHA	F	11/09/2018		(NONE)	11/28/2015	TLV2460AM (GEN)		719
5962-0051202QPA	F	11/09/2018		(NONE)	11/28/2015	TLV2460AM (GEN)		719
5962-0051203Q2A	F	11/09/2018		(NONE)	11/28/2015	TLV2461M (GEN)		719
5962-0051203QHA	F	11/09/2018	1	TI		Y TLV2461MUB		719
5962-0051203QPA	F	11/09/2018		(NONE)	11/28/2015	TLV2461M (GEN)		719
5962-0051204Q2A	F	11/09/2018		(NONE)	11/28/2015	TLV2461AM (GEN)		719
5962-0051204QHA	F	11/09/2018		(NONE)	11/28/2015	TLV2461AM (GEN)		719
5962-0051204QPA	F	11/09/2018		(NONE)	11/28/2015	TLV2461AM (GEN)		719
5962-0051205Q2A	F	11/09/2018		(NONE)	11/28/2015	TLV2462M (GEN)		719
5962-0051205QHA	F	11/09/2018	1	TI		Y TLV2462MUB		719
5962-0051205QPA	F	11/09/2018		(NONE)	11/28/2015	TLV2462M (GEN)		719
5962-0051206Q2A	F	11/09/2018	1	TI		Y TLV2462AMFKB		719
5962-0051206QHA	F	11/09/2018	1	TI		Y TLV2462AMUB		719
5962-0051206QPA	F	11/09/2018	1	TI		Y TLV2462AMJGB		719
5962-0051207Q2A	F	11/09/2018		(NONE)	11/28/2015	TLV2463M (GEN)		719
5962-0051207QCA	F	11/09/2018		(NONE)	11/28/2015	TLV2463M (GEN)		719
5962-0051208Q2A	F	11/09/2018		(NONE)	11/28/2015	TLV2463AM (GEN)		719
5962-0051208QCA	F	11/09/2018		(NONE)	11/28/2015	TLV2463AM (GEN)		719
5962-0051301QCA	D	05/21/2015	1	TI		Y CD54ACT20F3A		104
5962-0051302QXA	D	05/21/2015		(NONE)		54ACT20 (GEN)		104
5962-0051302VXA	D	05/21/2015		(NONE)		54ACT20 (GEN)		104
5962-0051401Q2A	B	12/03/2018	1	TI		Y UC1708L883B		539
5962-0051401V2A	B	12/03/2018	1	TI		Y UC1708LQMLV		539

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-0051401QEA	B	12/03/2018	1	TI		Y UC1708JE883B		539
5962-0051401VEA	B	12/03/2018	1	TI		Y UC1708JEQMLV		539
5962-0051401QPA	B	12/03/2018	1	TI		Y UC1708J883B		539
5962-0051401VPA	B	12/03/2018	1	TI		Y UC1708JQMLV		539
5962-0051501VHA	E	11/13/2017		(NONE)	04/01/2014		AD8561A (GEN)	779
5962R0051501VHA	E	11/13/2017	1	ANALOG (4)		Y AD8561AL/QMLR		779
5962-0051501VPA	E	11/13/2017	1	ANALOG (4)		Y AD8561AQ/QMLV		779
5962R0051501VPA	E	11/13/2017	1	ANALOG (4)		Y AD8561AQ/QMLR		779
5962L0051502VHA	E	11/13/2017	1	ANALOG (4)		Y AD8561AL/QMLL		779
5962-0051601V2A	E	11/01/2017		(NONE)			REF05A (GEN)	785
5962R0051601V2A	E	11/01/2017		(NONE)			REF05A (GEN)	785
5962-0051601VGA	E	11/01/2017		(NONE)	08/31/2011		REF05A (GEN)	785
5962R0051601VGA	E	11/01/2017	1	ANALOG (4)		Y REF05AJ/QMLR		785
5962-0051601VHA	E	11/01/2017		(NONE)	08/31/2011		REF05A (GEN)	785
5962R0051601VHA	E	11/01/2017	1	ANALOG (4)		Y REF05AL/QMLR		785
5962-0051601VPA	E	11/01/2017		(NONE)	08/31/2011		REF05A (GEN)	785
5962R0051601VPA	E	11/01/2017	1	ANALOG (4)		Y REF05AZ/QMLR		785
5962L0051602VHA	E	11/01/2017	1	ANALOG (4)		Y REF05AL/QMLL		785
5962-0051701VCA	H	03/22/2018	3	ANALOG (4)		Y OP484AY/QMLV		713
5962R0051701VCA	H	03/22/2018	3	ANALOG (4)		Y OP484AY/QMLR		713
5962-0051701VDA	H	03/22/2018	3	ANALOG (4)		Y OP484AM/QMLV		713
5962R0051701VDA	H	03/22/2018	3	ANALOG (4)		Y OP484AM/QMLR		713
5962L0051702VDA	H	03/22/2018	3	ANALOG (4)		Y OP484AM/QMLL		713
5962-0051801QQC	B	11/19/2007	2	ATMEL NANTES		Y MC80C32E-30MQ		420
5962-0051801VQC	B	11/19/2007	2	ATMEL NANTES		Y SC80C32E-30SV		420
5962-0051801QXC	B	11/19/2007	2	ATMEL NANTES		Y MJ80C32E-30MQ		420
5962-0051801VXC	B	11/19/2007	2	ATMEL NANTES		Y SJ80C32E-30SV		420
5962R0052001V9A	G	10/02/2014	2	RENESAS		Y IS0-2981RH-Q		821
5962R0052001QVC	G	10/02/2014	2	RENESAS		Y IS1-2981RH-8		821
5962R0052001TVC	G	10/02/2014	2	RENESAS		Y IS1-2981RH-T		821
5962R0052001VVC	G	10/02/2014	2	RENESAS		Y IS1-2981RH-Q		821
5962R0052002V9A	G	10/02/2014	2	RENESAS		Y IS0-2981EH-Q		821
5962R0052002VVC	G	10/02/2014	2	RENESAS		Y IS1-2981EH-Q		821
5962F0052101V9A	G	06/21/2016	2	RENESAS		Y IS0-1715ARH-Q		555
5962F0052101QXC	G	06/21/2016	2	RENESAS		Y IS9-1715ARH-8		555
5962F0052101VXC	G	06/21/2016	2	RENESAS		Y IS9-1715ARH-Q		555
5962R0052101TXC	G	06/21/2016	2	RENESAS		Y IS9-1715ARH-T		555
5962-0052102VFA	G	06/21/2016	2	TI		Y UC1715W-SP		555
5962F0052103V9A	G	06/21/2016	2	RENESAS		Y IS0-1715AEH-Q		555
5962F0052103VXC	G	06/21/2016	2	RENESAS		Y IS9-1715AEH-Q		555
5962-0052201HXA	E	08/13/2015	1	CRANE		Y MSA2805D/883		594
5962-0052201HXC	E	08/13/2015	1	CRANE		Y MSA2805D/883		594
5962-0052201HYA	E	08/13/2015	1	CRANE		Y MGA2805D/883		594
5962-0052201HYC	E	08/13/2015	1	CRANE		Y MGA2805D/883		594
5962-0052201HZA	E	08/13/2015	1	CRANE		Y MGA2805DZ/883		594
5962-0052202HXA	E	08/13/2015		(NONE)			2805D (GEN)	594
5962L0052202HXA	E	08/13/2015	2	CRANE		Y SMSA2805D/HL		594
5962L0052202HXC	E	08/13/2015	2	CRANE		Y SMSA2805D/HL		594
5962L0052202KXA	E	08/13/2015	2	CRANE		Y SMSA2805D/KL		594

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5962L0052202KXC	E	08/13/2015	2	CRANE		Y SMSA2805D/KL		594
5962P0052202HXA	E	08/13/2015	2	CRANE		Y SMSA2805D/HP		594
5962P0052202HXC	E	08/13/2015	2	CRANE		Y SMSA2805D/HP		594
5962P0052202KXA	E	08/13/2015	2	CRANE		Y SMSA2805D/KP		594
5962P0052202KXC	E	08/13/2015	2	CRANE		Y SMSA2805D/KP		594
5962R0052202HXA	E	08/13/2015	2	CRANE		Y SMSA2805D/HR		594
5962R0052202HXC	E	08/13/2015	2	CRANE		Y SMSA2805D/HR		594
5962R0052202KXA	E	08/13/2015	2	CRANE		Y SMSA2805D/KR		594
5962R0052202KXC	E	08/13/2015	2	CRANE		Y SMSA2805D/KR		594
5962F0052301V9A	L	09/10/2013		(NONE)	05/26/2015	IS-1009RH (GEN)		899
5962F0052301QXC	L	09/10/2013		(NONE)	05/26/2015	IS-1009RH (GEN)		899
5962F0052301VXC	L	09/10/2013		(NONE)	05/26/2015	IS-1009RH (GEN)		899
5962F0052301QYC	L	09/10/2013		(NONE)	05/26/2015	IS-1009RH (GEN)		899
5962F0052301VYC	L	09/10/2013		(NONE)	05/26/2015	IS-1009RH (GEN)		899
5962F0052302V9A	L	09/10/2013	2	RENESAS		Y IS0-1009EH-Q		899
5962F0052302VXC	L	09/10/2013	2	RENESAS		Y IS2-1009EH-Q		899
5962F0052302VYC	L	09/10/2013	2	RENESAS		Y ISYE-1009EH-Q		899
5962L0052401VGA	F	12/16/2013	1	TI		Y LM111HLQMLV		770
5962P0052401QGA	F	12/16/2013	1	TI		Y LM111HPQML		770
5962P0052401VGA	F	12/16/2013	1	TI		Y LM111HPQMLV		770
5962L0052401VHA	F	12/16/2013	1	TI		Y LM111WLQMLV		770
5962P0052401VHA	F	12/16/2013	1	TI		Y LM111WPQMLV		770
5962L0052401VPA	F	12/16/2013	1	TI		Y LM111J-8LQMLV		770
5962P0052401QPA	F	12/16/2013	1	TI		Y LM111J-8PQML		770
5962P0052401VPA	F	12/16/2013	1	TI		Y LM111J-8PQMLV		770
5962L0052401VZA	F	12/16/2013	1	TI		Y LM111WGLQMLV		770
5962P0052401QZA	F	12/16/2013	1	TI		Y LM111WGPQML		770
5962P0052401VZA	F	12/16/2013	1	TI		Y LM111WGPQMLV		770
5962R0052402V9A	F	12/16/2013	1	TI		Y LM111-MDE		770
5962R0052402VGA	F	12/16/2013	1	TI		Y LM111HRLQMLV		770
5962R0052402VHA	F	12/16/2013	1	TI		Y LM111WRLQMLV		770
5962R0052402VPA	F	12/16/2013	1	TI		Y LM111J-8RLQMLV		770
5962R0052402VZA	F	12/16/2013	1	TI		Y LM111WGRLQMLV		770
5962-0052601HXA	D	02/14/2019		(NONE)		2805S (GEN)		594
5962L0052601HXA	D	02/14/2019	3B	CRANE		Y SLH2805S/HL		594
5962L0052601HXC	D	02/14/2019	3B	CRANE		Y SLH2805S/HL		594
5962L0052601KXA	D	02/14/2019	3B	CRANE		Y SLH2805S/KL		594
5962L0052601KXC	D	02/14/2019	3B	CRANE		Y SLH2805S/KL		594
5962R0052601HXA	D	02/14/2019	3B	CRANE		Y SLH2805S/HR		594
5962R0052601HXC	D	02/14/2019	3B	CRANE		Y SLH2805S/HR		594
5962R0052601KXA	D	02/14/2019	3B	CRANE		Y SLH2805S/KR		594
5962R0052601KXC	D	02/14/2019	3B	CRANE		Y SLH2805S/KR		594
5962-0052701HXA	E	10/19/2015		(NONE)		2812S (GEN)		594
5962L0052701HXA	E	10/19/2015	3B	CRANE		Y SLH2812S/HL		594
5962L0052701HXC	E	10/19/2015	3B	CRANE		Y SLH2812S/HL		594
5962L0052701KXA	E	10/19/2015	3B	CRANE		Y SLH2812S/KL		594
5962L0052701KXC	E	10/19/2015	3B	CRANE		Y SLH2812S/KL		594
5962R0052701HXA	E	10/19/2015	3B	CRANE		Y SLH2812S/HR		594
5962R0052701HXC	E	10/19/2015	3B	CRANE		Y SLH2812S/HR		594



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5962R0052701KXA	E	10/19/2015	3B	CRANE		Y SLH2812S/KR		594
5962R0052701KXC	E	10/19/2015	3B	CRANE		Y SLH2812S/KR		594
5962-0052801HXA	C	10/19/2015		(NONE)		2815S (GEN)		594
5962L0052801HXA	C	10/19/2015	3B	CRANE		Y SLH2815S/HL		594
5962L0052801HXC	C	10/19/2015	3B	CRANE		Y SLH2815S/HL		594
5962L0052801KXA	C	10/19/2015	3B	CRANE		Y SLH2815S/KL		594
5962L0052801KXC	C	10/19/2015	3B	CRANE		Y SLH2815S/KL		594
5962R0052801HXA	C	10/19/2015	3B	CRANE		Y SLH2815S/HR		594
5962R0052801HXC	C	10/19/2015	3B	CRANE		Y SLH2815S/HR		594
5962R0052801KXA	C	10/19/2015	3B	CRANE		Y SLH2815S/KR		594
5962R0052801KXC	C	10/19/2015	3B	CRANE		Y SLH2815S/KR		594
5962-0052901QXA		06/28/2000		(NONE)		54ACTQ16541 (GEN)		529
5962-0053001HXA	A	04/10/2002		(NONE)		AD13280 (GEN)		592
5962-0053501QXA	B	01/30/2008		(NONE)		TSPC106A-66 (GEN)		420
5962-0053502QXA	B	01/30/2008		(NONE)		TSPC106A-83 (GEN)		420
5962D0053601Q9A	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053601Q9A	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053601T9A	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962D0053601QUA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962D0053601TUA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053601QUA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053601TUA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962D0053601QXA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962D0053601TXA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053601QXA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053601TXA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053602Q9A	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053602T9A	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053602QUA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053602TUA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053602QXA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053602TXA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053603Q9A	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053603T9A	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053603QUA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053603TUA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053603QXA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053603TXA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053604Q9A	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053604T9A	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053604QUA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053604TUA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053604QXA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053604TXA	H	06/01/2017		(NONE)	06/30/2007	9Q512 (GEN)		629
5962L0053605Q9B	H	06/01/2017	1C	COBHAM		Y UT9Q512E-QDIE		629
5962L0053605V9B	H	06/01/2017	1C	COBHAM		Y UT9Q512E-VDIE		629
5962L0053605QYA	H	06/01/2017	1C	COBHAM		Y UT9Q512E-20YCA		629
5962L0053605QYC	H	06/01/2017	1C	COBHAM		Y UT9Q512E-20YCC		629
5962L0053605VYA	H	06/01/2017	1C	COBHAM		Y UT9Q512E-20YCA		629

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5962L0053605VYC	H	06/01/2017	1C	COBHAM		Y UT9Q512E--20YCC		629
5962L0053606Q9B	H	06/01/2017	1C	COBHAM		Y UT9Q512E-QDIE		629
5962L0053606V9B	H	06/01/2017	1C	COBHAM		Y UT9Q512E-VDIE		629
5962L0053606QYA	H	06/01/2017	1C	COBHAM		Y UT9Q512E-20YWA		629
5962L0053606QYC	H	06/01/2017	1C	COBHAM		Y UT9Q512E-20YWC		629
5962L0053606VYA	H	06/01/2017	1C	COBHAM		Y UT9Q512E--20YWA		629
5962L0053606VYC	H	06/01/2017	1C	COBHAM		Y UT9Q512E--20YWC		629
5962-0053701DXC	A	02/20/2014	1	TELEDYNE		Y 476-0368-041		509
5962F0053801V9A	K	01/25/2011		(NONE)		IS-705RH (GEN)		449
5962R0053801V9A	K	01/25/2011		(NONE)		IS-705RH (GEN)		449
5962F0053801QXC	K	01/25/2011		(NONE)		IS-705RH (GEN)		449
5962F0053801VXC	K	01/25/2011		(NONE)		IS-705RH (GEN)		449
5962R0053801QXC	K	01/25/2011		(NONE)		IS-705RH (GEN)		449
5962R0053801TXC	K	01/25/2011		(NONE)	02/22/2013	IS-705RH (GEN)		449
5962R0053801VXC	K	01/25/2011		(NONE)		IS-705RH (GEN)		449
5962-0053901QXA	E	09/11/2018		(NONE)		320VC33 (GEN)		432
5962-0053901QYA	E	09/11/2018	2	TI		Y SMJ320VC33HFGM150		432
5962-0053901QYC	E	09/11/2018	2	TI		Y SMJ320VC33HFGM150		432
5962-0053902QYA	E	09/11/2018		(NONE)	11/28/2015	320VC33 (GEN)		432
5962-0054001Q9A	D	11/27/2007	2	ATMEL NANTES		Y TSC695F-25MBMQ		409
5962-0054001V9A	D	11/27/2007	2	ATMEL NANTES		Y TSC695F-25SBSV		409
5962-0054001QXC	D	11/27/2007	2	ATMEL NANTES		Y TSC695F-25MAMQ		409
5962-0054001VXC	D	11/27/2007	2	ATMEL NANTES		Y TSC695F-25SASV		409
5962R0054001VXC	D	11/27/2007	2	ATMEL NANTES		Y TSC695F-25SASR		409
5962-0054101HGC	C	02/13/2019	1	ANAREN		Y MSK1476H		739
5962-0054301QXC	E	07/01/2017	1	MICROSEMI (2)		Y A54SX72A-CQ256B		381
5962-0054301QYC	E	07/01/2017	1	MICROSEMI (2)		Y A54SX72A-CQ208B		381
5962-0054302QXC	E	07/01/2017	1	MICROSEMI (2)		Y A54SX72A-1CQ256B		381
5962-0054302QYC	E	07/01/2017	1	MICROSEMI (2)		Y A54SX72A-1CQ208B		381
5962-00A0101QXC		10/20/1999		(NONE)	12/31/2010	6805-057 (GEN)		365
5962-00A0201QXC	A	02/22/2010		(NONE)	12/31/2010	6580-065 (GEN)		365
5962-00A0202QXC	A	02/22/2010		(NONE)		20461-004 (GEN)		365
5962-00A0301QXC	A	02/11/2000		(NONE)		6830-006 (GEN)		365
5962-00A0302QXC	A	02/11/2000		(NONE)		6830-007 (GEN)		365
5962-00A0401QXC		11/22/1999		(NONE)		6817-532 (GEN)		365
5962-00A0501QXC		11/22/1999		(NONE)	12/31/2010	6589-007 (GEN)		365
5962-00A0601NXB		01/25/2000		(NONE)		6817-045 (GEN)		365
5962-00A0701QXC		01/27/2000		(NONE)		6571-030 (GEN)		365
5962-00A0801QXC		01/04/2000		(NONE)		6571-028 (GEN)		365
5962-00A0901NXB		01/25/2000		(NONE)		6805-053 (GEN)		365
5962-00A1001QXA		03/14/2000		(NONE)		9864-006 (GEN)		365
5962-00A1101QXC		03/20/2000		(NONE)		6830-005 (GEN)		365
5962-00A1201NXB		09/18/2000		(NONE)		6821-016 (GEN)		365
5962-00A1301QXC		11/28/2000		(NONE)		6821-526 (GEN)		365
5962-00A1401QXC		09/01/2000		(NONE)		6821-527 (GEN)		365
5962-00A1501QXC		09/01/2000		(NONE)		6817-531 (GEN)		365
5962-00A1601QXC	A	09/20/2001		(NONE)		6829-010 (GEN)		365
5962-00A1701NXB	H	12/19/2018		(NONE)	12/31/2010	11624-001 (GEN)		365
5962-00A1702NXB	H	12/19/2018		(NONE)	12/31/2010	20004-001 (GEN)		365

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5962-00A1703NXB	H	12/19/2018	1	ON SEMI.		Y	20004-002	365
5962-00B0101Q*C	A	09/06/2000		(NONE)			MG1014E (GEN)	365
5962-00B0101V*C	A	09/06/2000		(NONE)			MG1014E (GEN)	365
5962-00B0101Q9A	A	09/06/2000		(NONE)			MG1014E (GEN)	365
5962-00B0101V9A	A	09/06/2000		(NONE)			MG1014E (GEN)	365
5962-00B0102Q*C	A	09/06/2000		(NONE)			MG1042E (GEN)	365
5962-00B0102V*C	A	09/06/2000		(NONE)			MG1042E (GEN)	365
5962-00B0102Q9A	A	09/06/2000		(NONE)			MG1042E (GEN)	365
5962-00B0102V9A	A	09/06/2000		(NONE)			MG1042E (GEN)	365
5962-00B0103Q*C	A	09/06/2000		(NONE)			MG1090E (GEN)	365
5962-00B0103V*C	A	09/06/2000		(NONE)			MG1090E (GEN)	365
5962-00B0103Q9A	A	09/06/2000		(NONE)			MG1090E (GEN)	365
5962-00B0103V9A	A	09/06/2000		(NONE)			MG1090E (GEN)	365
5962-00B0104Q*C	A	09/06/2000		(NONE)			MG1140E (GEN)	365
5962-00B0104V*C	A	09/06/2000		(NONE)			MG1140E (GEN)	365
5962-00B0104Q9A	A	09/06/2000		(NONE)			MG1140E (GEN)	365
5962-00B0104V9A	A	09/06/2000		(NONE)			MG1140E (GEN)	365
5962-00B0105Q*C	A	09/06/2000		(NONE)			MG1200E (GEN)	365
5962-00B0105V*C	A	09/06/2000		(NONE)			MG1200E (GEN)	365
5962-00B0105Q9A	A	09/06/2000		(NONE)			MG1200E (GEN)	365
5962-00B0105V9A	A	09/06/2000		(NONE)			MG1200E (GEN)	365
5962-00B0106Q*C	A	09/06/2000		(NONE)			MG1265E (GEN)	365
5962-00B0106V*C	A	09/06/2000		(NONE)			MG1265E (GEN)	365
5962-00B0106Q9A	A	09/06/2000		(NONE)			MG1265E (GEN)	365
5962-00B0106V9A	A	09/06/2000		(NONE)			MG1265E (GEN)	365
5962-00B0107Q*C	A	09/06/2000		(NONE)			MG1480E (GEN)	365
5962-00B0107Q9A	A	09/06/2000		(NONE)			MG1480E (GEN)	365
5962-00B0108Q*C	A	09/06/2000		(NONE)			MG1014 (GEN)	365
5962-00B0108Q9A	A	09/06/2000		(NONE)			MG1014 (GEN)	365
5962-00B0109Q*C	A	09/06/2000		(NONE)			MG1042 (GEN)	365
5962-00B0109Q9A	A	09/06/2000		(NONE)			MG1042 (GEN)	365
5962-00B0110Q*C	A	09/06/2000		(NONE)			MG1052 (GEN)	365
5962-00B0111Q*C	A	09/06/2000		(NONE)			MG1090 (GEN)	365
5962-00B0111Q9A	A	09/06/2000		(NONE)			MG1090 (GEN)	365
5962-00B0112Q*C	A	09/06/2000		(NONE)			MG1140 (GEN)	365
5962-00B0112Q9A	A	09/06/2000		(NONE)			MG1140 (GEN)	365
5962-00B0113Q*C	A	09/06/2000		(NONE)			MG1200 (GEN)	365
5962-00B0113Q9A	A	09/06/2000		(NONE)			MG1200 (GEN)	365
5962-00B0114Q*C	A	09/06/2000		(NONE)			MG1265 (GEN)	365
5962-00B0114Q9A	A	09/06/2000		(NONE)			MG1265 (GEN)	365
5962-00B0115Q*C	A	09/06/2000		(NONE)			MG1480 (GEN)	365
5962-00B0115Q9A	A	09/06/2000		(NONE)			MG1480 (GEN)	365
5962-00B0201Q*C	G	11/14/2013	2	ATMEL NANTES		Y	MG2044E	365
5962-00B0201V*C	G	11/14/2013	2	ATMEL NANTES		Y	MG2044E	365
5962-00B0201Q9A	G	11/14/2013	2	ATMEL NANTES		Y	MM0-G2044EH*MQ	365
5962-00B0201V9A	G	11/14/2013	2	ATMEL NANTES		Y	SM0-G2044EH*SV	365
5962-00B0202Q*C	G	11/14/2013	2	ATMEL NANTES		Y	MG2091E	365
5962-00B0202V*C	G	11/14/2013	2	ATMEL NANTES		Y	MG2091E	365
5962-00B0202Q9A	G	11/14/2013	2	ATMEL NANTES		Y	MM0-G2091EH*MQ	365



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5962-00B0202V9A	G	11/14/2013	2	ATMEL NANTES		Y SM0-G2091EH*SV		365
5962-00B0203Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2140E		365
5962-00B0203V*C	G	11/14/2013	2	ATMEL NANTES		Y MG2140E		365
5962-00B0203Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2140EH*MQ		365
5962-00B0203V9A	G	11/14/2013	2	ATMEL NANTES		Y SM0-G2140EH*SV		365
5962-00B0204Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2194E		365
5962-00B0204V*C	G	11/14/2013	2	ATMEL NANTES		Y MG2194E		365
5962-00B0204Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2194EH*MQ		365
5962-00B0204V9A	G	11/14/2013	2	ATMEL NANTES		Y SM0-G2194EH*SV		365
5962-00B0205Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2265E		365
5962-00B0205V*C	G	11/14/2013	2	ATMEL NANTES		Y MG2265E		365
5962-00B0205Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2265EH*MQ		365
5962-00B0205V9A	G	11/14/2013	2	ATMEL NANTES		Y SM0-G2265EH*SV		365
5962-00B0206Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2360E		365
5962-00B0206V*C	G	11/14/2013	2	ATMEL NANTES		Y MG2360E		365
5962-00B0206Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2360EH*MQ		365
5962-00B0206V9A	G	11/14/2013	2	ATMEL NANTES		Y SM0-G2360EH*SV		365
5962-00B0207Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2480E		365
5962-00B0207Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2480EH*MQ		365
5962-00B0208Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2700E		365
5962-00B0209Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2044		365
5962-00B0209Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2044*MQ		365
5962-00B0210Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2091		365
5962-00B0210Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2091*MQ		365
5962-00B0211Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2140		365
5962-00B0211Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2140*MQ		365
5962-00B0212Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2194		365
5962-00B0212Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2194*MQ		365
5962-00B0213Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2265		365
5962-00B0213Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2265*MQ		365
5962-00B0214Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2360		365
5962-00B0214Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2360*MQ		365
5962-00B0215Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2480		365
5962-00B0215Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2480*MQ		365
5962-00B0216Q*C	G	11/14/2013	3	ATMEL NANTES		Y MG2M044E		365
5962-00B0216V*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M044E		365
5962-00B0216Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2M044EH*MQ		365
5962-00B0216V9A	G	11/14/2013	2	ATMEL NANTES		Y SM0-G2M044EH*SV		365
5962-00B0217Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M091E		365
5962-00B0217V*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M091E		365
5962-00B0217Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2M091EH*MQ		365
5962-00B0217V9A	G	11/14/2013	2	ATMEL NANTES		Y SM0-G2M091EH*SV		365
5962-00B0218Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M140E		365
5962-00B0218V*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M140E		365
5962-00B0218Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2M140EH*MQ		365
5962-00B0218V9A	G	11/14/2013	2	ATMEL NANTES		Y SM0-G2M140EH*SV		365
5962-00B0219Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M194E		365
5962-00B0219V*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M194E		365
5962-00B0219Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2M194EH*MQ		365

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5962-00B0219V9A	G	11/14/2013	2	ATMEL NANTES		Y SM0-G2M194EH*SV		365
5962-00B0220Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M265E		365
5962-00B0220V*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M265E		365
5962-00B0220Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2M265EH*MQ		365
5962-00B0220V9A	G	11/14/2013	2	ATMEL NANTES		Y SM0-G2M265EH*SV		365
5962-00B0221Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M360E		365
5962-00B0221V*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M360E		365
5962-00B0221Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2M360EH*MQ		365
5962-00B0221V9A	G	11/14/2013	2	ATMEL NANTES		Y SM0-G2M360EH*SV		365
5962-00B0222Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M480E		365
5962-00B0222V*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M480E		365
5962-00B0222Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2M480EH*MQ		365
5962-00B0222V9A	G	11/14/2013	2	ATMEL NANTES		Y SM0-G2M480EH*SV		365
5962-00B0223Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M044		365
5962-00B0223Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2M044*MQ		365
5962-00B0224Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M091		365
5962-00B0224Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2M091*MQ		365
5962-00B0225Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M140		365
5962-00B0225Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2M140*MQ		365
5962-00B0226Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M194		365
5962-00B0226Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2M194*MQ		365
5962-00B0227Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M265		365
5962-00B0227Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2M265*MQ		365
5962-00B0228Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M360		365
5962-00B0228Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2M360*MQ		365
5962-00B0229Q*C	G	11/14/2013	2	ATMEL NANTES		Y MG2M480		365
5962-00B0229Q9A	G	11/14/2013	2	ATMEL NANTES		Y MM0-G2M480*MQ		365
5962-00B0301Q*C	F	11/14/2013	3	ATMEL NANTES		Y MG2RTPL_M01		365
5962-00B0301V*C	F	11/14/2013	3	ATMEL NANTES		Y MG2RTPL_M01		365
5962-00B0302Q*C	F	11/14/2013	3	ATMEL NANTES		Y MG2RTPL_MB02		365
5962-00B0302V*C	F	11/14/2013	3	ATMEL NANTES		Y MG2RTPL_MB02		365
5962-00B0303Q*C	F	11/14/2013	3	ATMEL NANTES		Y MG2044P		365
5962-00B0303V*C	F	11/14/2013	3	ATMEL NANTES		Y MG2044P		365
5962R00B0303V4C	F	11/14/2013	3	ATMEL NANTES		Y SMFW-G2044PHxxxSR		365
5962-00B0303Q9A	F	11/14/2013	3	ATMEL NANTES		Y MM0-G2044PH*MQ		365
5962-00B0303V9A	F	11/14/2013	3	ATMEL NANTES		Y SM0-G2044PH*SV		365
5962R00B0303VNC	F	11/14/2013	3	ATMEL NANTES		Y SMF7-G2044PHxxxSR		365
5962-00B0304Q*C	F	11/14/2013	3	ATMEL NANTES		Y MG2142P		365
5962-00B0304V*C	F	11/14/2013	3	ATMEL NANTES		Y MG2142P		365
5962R00B0304V4C	F	11/14/2013	3	ATMEL NANTES		Y SMFW-G2142PHxxxSR		365
5962R00B0304V5C	F	11/14/2013	3	ATMEL NANTES		Y SMF9-G2142PHxxxSR		365
5962R00B0304V6C	F	11/14/2013	3	ATMEL NANTES		Y SMKZ-G2142PHxxxSR		365
5962-00B0304Q9A	F	11/14/2013	3	ATMEL NANTES		Y MM0-G2142PH*MQ		365
5962-00B0304V9A	F	11/14/2013	3	ATMEL NANTES		Y SM0-G2142PH*SV		365
5962R00B0304VNC	F	11/14/2013	3	ATMEL NANTES		Y SMF7-G2142PHxxxSR		365
5962-00B0305Q*C	F	11/14/2013	3	ATMEL NANTES		Y MG2270P		365
5962-00B0305V*C	F	11/14/2013	3	ATMEL NANTES		Y MG2270P		365
5962R00B0305V4C	F	11/14/2013	3	ATMEL NANTES		Y SMFW-G2270PHxxxSR		365
5962R00B0305V5C	F	11/14/2013	3	ATMEL NANTES		Y SMF9-G2270PHxxxSR		365

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5962R00B0305V6C	F	11/14/2013	3	ATMEL NANTES		Y SMKZ-G2270PHxxxSR		365
5962R00B0305V7C	F	11/14/2013	3	ATMEL NANTES		Y SMYC-G2270PHxxxSR		365
5962-00B0305Q9A	F	11/14/2013	3	ATMEL NANTES		Y MM0-G2270PH*MQ		365
5962-00B0305V9A	F	11/14/2013	3	ATMEL NANTES		Y SM0-G2270PH*SV		365
5962R00B0305VNC	F	11/14/2013	3	ATMEL NANTES		Y SMF7-G2270PHxxxSR		365
5962-0150101HXA	E	04/09/2015	1	CRANE		Y MTR283R3S/883		594
5962-0150101HXC	E	04/09/2015	1	CRANE		Y MTR283R3S/883		594
5962-0150101HZA	E	04/09/2015	1	CRANE		Y MTR283R3SF/883		594
5962-0150101HZC	E	04/09/2015	1	CRANE		Y MTR283R3SF/883		594
5962-0150102HXA	E	04/09/2015		(NONE)		SMTR283R3S (GEN)		594
5962L0150102HXA	E	04/09/2015	2	CRANE		Y SMTR283R3S/HL		594
5962L0150102HXC	E	04/09/2015	2	CRANE		Y SMTR283R3S/HL		594
5962L0150102KXA	E	04/09/2015	2	CRANE		Y SMTR283R3S/KL		594
5962L0150102KXC	E	04/09/2015	2	CRANE		Y SMTR283R3S/KL		594
5962P0150102HXA	E	04/09/2015	2	CRANE		Y SMTR283R3S/HP		594
5962P0150102HXC	E	04/09/2015	2	CRANE		Y SMTR283R3S/HP		594
5962P0150102KXA	E	04/09/2015	2	CRANE		Y SMTR283R3S/KP		594
5962P0150102KXC	E	04/09/2015	2	CRANE		Y SMTR283R3S/KP		594
5962R0150102HXA	E	04/09/2015	2	CRANE		Y SMTR283R3S/HR		594
5962R0150102HXC	E	04/09/2015	2	CRANE		Y SMTR283R3S/HR		594
5962R0150102KXA	E	04/09/2015	2	CRANE		Y SMTR283R3S/KR		594
5962R0150102KXC	E	04/09/2015	2	CRANE		Y SMTR283R3S/KR		594
5962-0150102HZA	E	04/09/2015		(NONE)		SMTR283R3S (GEN)		594
5962L0150102HZA	E	04/09/2015	2	CRANE		Y SMTR283R3SF/HL		594
5962L0150102HZC	E	04/09/2015	2	CRANE		Y SMTR283R3SF/HL		594
5962L0150102KZA	E	04/09/2015	2	CRANE		Y SMTR283R3SF/KL		594
5962L0150102KZC	E	04/09/2015	2	CRANE		Y SMTR283R3SF/KL		594
5962P0150102HZA	E	04/09/2015	2	CRANE		Y SMTR283R3SF/HP		594
5962P0150102HZC	E	04/09/2015	2	CRANE		Y SMTR283R3SF/HP		594
5962P0150102KZA	E	04/09/2015	2	CRANE		Y SMTR283R3SF/KP		594
5962P0150102KZC	E	04/09/2015	2	CRANE		Y SMTR283R3SF/KP		594
5962R0150102HZA	E	04/09/2015	2	CRANE		Y SMTR283R3SF/HR		594
5962R0150102HZC	E	04/09/2015	2	CRANE		Y SMTR283R3SF/HR		594
5962R0150102KZA	E	04/09/2015	2	CRANE		Y SMTR283R3SF/KR		594
5962R0150102KZC	E	04/09/2015	2	CRANE		Y SMTR283R3SF/KR		594
5962-0150103HXA	E	04/09/2015	3B	CRANE		Y MTR283R3S/883		594
5962-0150103HXC	E	04/09/2015	3B	CRANE		Y MTR283R3S/883		594
5962-0150103HZA	E	04/09/2015	3B	CRANE		Y MTR283R3SF/883		594
5962-0150103HZC	E	04/09/2015	3B	CRANE		Y MTR283R3SF/883		594
5962-0150201QXA	B	05/09/2007	1	COBHAM		Y UT1750AR12GCA		409
5962-0150201QXC	B	05/09/2007	1	COBHAM		Y UT1750AR12GCC		409
5962H0150201QXA	B	05/09/2007	1	COBHAM		Y UT1750AR12GCAH		409
5962H0150201QXC	B	05/09/2007	1	COBHAM		Y UT1750AR12GCCH		409
5962H0150201VXA	B	05/09/2007	1	COBHAM		Y UT1750AR12GCAH		409
5962H0150201VXC	B	05/09/2007	1	COBHAM		Y UT1750AR12GCAH		409
5962-0150201QYC	B	05/09/2007	1	COBHAM		Y UT1750AR12WCC		409
5962H0150201QYC	B	05/09/2007	1	COBHAM		Y UT1750AR12WCCH		409
5962H0150201VYC	B	05/09/2007	1	COBHAM		Y UT1750AR12WCCH		409
5962-0150202QXA	B	05/09/2007	1	COBHAM		Y UT1750AR16GCA		409

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5962-0150202QXC	B	05/09/2007	1	COBHAM		Y UT1750AR16GCC		409
5962H0150202QXA	B	05/09/2007	1	COBHAM		Y UT1750AR16GCAH		409
5962H0150202QXC	B	05/09/2007	1	COBHAM		Y UT1750AR16GCCH		409
5962H0150202VXA	B	05/09/2007	1	COBHAM		Y UT1750AR16GCAH		409
5962H0150202VXC	B	05/09/2007	1	COBHAM		Y UT1750AR16GCCH		409
5962-0150202QYC	B	05/09/2007	1	COBHAM		Y UT1750AR16WCC		409
5962H0150202QYC	B	05/09/2007	1	COBHAM		Y UT1750AR16WCCH		409
5962H0150202VYC	B	05/09/2007	1	COBHAM		Y UT1750AR16WCCH		409
5962-0150301DXA	C	09/16/2013		(NONE)		APT6040DN (GEN)		899
5962-0150301HXC	C	09/16/2013	1	ANAREN		Y MSK1665H		899
5962-0150302HXC	C	09/16/2013	1	ANAREN		Y MSK1666H		899
5962-0150401DXA	E	02/20/2018		(NONE)		APT5020DN (GEN)		899
5962-0150401HXC	E	02/20/2018	1	ANAREN		Y MSK1667H		899
5962-0150601HXA	A	04/10/2002		(NONE)	08/29/2003	AD13465 (GEN)		592
5962-0150701Q2A	B	05/20/2016	2	SRI		Y GEM31701Q2A		206
5962-0150701Q2C	B	05/20/2016	2	SRI		Y GEM31701Q2C		206
5962-0150701QEA	B	05/20/2016	2	SRI		Y GEM31701QEA		206
5962-0150701QEC	B	05/20/2016	2	SRI		Y GEM31701QEC		206
5962-0150801QXC	J	06/15/2018		(NONE)	09/06/2005	RT54SX32S (GEN)		381
5962-0150801QYC	J	06/15/2018		(NONE)	09/06/2005	RT54SX32S (GEN)		381
5962-0150802QXC	J	06/15/2018		(NONE)	09/06/2005	RT54SX32S-1 (GEN)		381
5962-0150802QYC	J	06/15/2018		(NONE)	09/06/2005	RT54SX32S-1 (GEN)		381
5962-0150803QXC	J	06/15/2018		(NONE)	09/06/2005	RT54SX32S (GEN)		381
5962-0150803QYC	J	06/15/2018		(NONE)	09/06/2005	RT54SX32S (GEN)		381
5962-0150804QXC	J	06/15/2018		(NONE)	09/06/2005	RT54SX32S-1 (GEN)		381
5962-0150804QYC	J	06/15/2018		(NONE)	09/06/2005	RT54SX32S-1 (GEN)		381
5962-0150805QXC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-CQ256B		381
5962-0150805QYC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-CQ208B		381
5962-0150805QZC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-CQ84B		381
5962-0150806QXC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-1CQ256B		381
5962-0150806QYC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-1CQ208B		381
5962-0150806QZC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-1CQ84B		381
5962-0150807QXC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-CQ256E		381
5962-0150807QYC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-CQ208E		381
5962-0150807QZC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-CQ84E		381
5962-0150808QXC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-1CQ256E		381
5962-0150808QYC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-1CQ208E		381
5962-0150808QZC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-1CQ84E		381
5962-0150809QXC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-CQ256EV		381
5962-0150809QYC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-CQ208EV		381
5962-0150809QZC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-CQ84EV		381
5962-0150810QXC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-1CQ256EV		381
5962-0150810QYC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-1CQ208EV		381
5962-0150810QZC	J	06/15/2018	1	MICROSEMI (2)		Y RTSX32SU-1CQ84EV		381
5962F0150901V9A	K	08/21/2017	2	RENESAS		Y IS0-1845ASRH-Q		787
5962F0150901QPC	K	08/21/2017	2	RENESAS		Y IS7-1845ASRH-8		787
5962F0150901VPC	K	08/21/2017	2	RENESAS		Y IS7-1845ASRH-Q		787
5962F0150901QXC	K	08/21/2017	2	RENESAS		Y IS9-1845ASRH-8		787
5962F0150901VXC	K	08/21/2017	2	RENESAS		Y IS9-1845ASRH-Q		787



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5962F0150902V9A	K	08/21/2017	2	RENESAS		Y IS0-1845ASEH-Q		787
5962F0150902VPC	K	08/21/2017	2	RENESAS		Y IS7-1845ASEH-Q		787
5962F0150902VXC	K	08/21/2017	2	RENESAS		Y IS9-1845ASEH-Q		787
5962F0151001V9A	G	04/04/2018	1	RENESAS		Y IS0-139ASRH-Q		776
5962F0151001QXC	G	04/04/2018	1	RENESAS		Y IS9-139ASRH-8		776
5962F0151001VXC	G	04/04/2018	1	RENESAS		Y IS9-139ASRH-Q		776
5962F0151002V9A	G	04/04/2018	1	RENESAS		Y IS0-139ASEH-Q		776
5962F0151002VXC	G	04/04/2018	1	RENESAS		Y IS9-139ASEH-Q		776
5962L0151101QXA	H	08/22/2017		(NONE)		9Q512K32 (GEN)		629
5962L0151101TXA	H	08/22/2017		(NONE)		9Q512K32 (GEN)		629
5962L0151102QYC	H	08/22/2017	1C	COBHAM		Y UT9Q512K32E-SWC		629
5962L0151102VYC	H	08/22/2017	1C	COBHAM		Y UT9Q512K32E-SWC		629
5962L0151103QYC	H	08/22/2017	1C	COBHAM		Y UT9Q512K32E-SWC		629
5962-0151201Q2A	B	06/15/2018	1	TI		Y UC1709L883B		555
5962-0151201V2A	B	06/15/2018		(NONE)	11/28/2015	UC1709 (GEN)		555
5962-0151201QPA	B	06/15/2018	1	TI		Y UC1709J883B		555
5962-0151201VPA	B	06/15/2018	1	TI		Y UC1709JQMLV		555
5962-0151301QXC		05/29/2001		(NONE)		MPT57605		589
5962-0151401HMA	E	02/13/2019	1	DDC		Y BU-61865G3-150		899
5962-0151401HMA	E	02/13/2019	1	DDC		Y BU-61865G3-140		899
5962-0151401HMC	E	02/13/2019	1	DDC		Y BU-61865G3-110		899
5962-0151401HMC	E	02/13/2019	1	DDC		Y BU-61865G3-130		899
5962-0151401HTA	E	02/13/2019	1	DDC		Y BU-61865F3-140		899
5962-0151401HTA	E	02/13/2019	1	DDC		Y BU-61865F3-150		899
5962-0151401HTC	E	02/13/2019	1	DDC		Y BU-61865F3-110		899
5962-0151401HTC	E	02/13/2019	1	DDC		Y BU-61865F3-130		899
5962-0151402HMA	E	02/13/2019	1	DDC		Y BU-61865G4-150		899
5962-0151402HMA	E	02/13/2019	1	DDC		Y BU-61865G4-140		899
5962-0151402HMC	E	02/13/2019	1	DDC		Y BU-61865G4-130		899
5962-0151402HMC	E	02/13/2019	1	DDC		Y BU-61865G4-110		899
5962-0151402HTA	E	02/13/2019	1	DDC		Y BU-61865F4-150		899
5962-0151402HTA	E	02/13/2019	1	DDC		Y BU-61865F4-140		899
5962-0151402HTC	E	02/13/2019	1	DDC		Y BU-61865F4-130		899
5962-0151402HTC	E	02/13/2019	1	DDC		Y BU-61865F4-110		899
5962-0151403HMA	E	02/13/2019	1	DDC		Y BU-61864G3-140		899
5962-0151403HMA	E	02/13/2019	1	DDC		Y BU-61864G3-150		899
5962-0151403HMC	E	02/13/2019	1	DDC		Y BU-61864G3-130		899
5962-0151403HMC	E	02/13/2019	1	DDC		Y BU-61864G3-110		899
5962-0151403HTA	E	02/13/2019	1	DDC		Y BU-61864F3-150		899
5962-0151403HTA	E	02/13/2019	1	DDC		Y BU-61864F3-140		899
5962-0151403HTC	E	02/13/2019	1	DDC		Y BU-61864F3-130		899
5962-0151403HTC	E	02/13/2019	1	DDC		Y BU-61864F3-110		899
5962-0151404HMA	E	02/13/2019	1	DDC		Y BU-61864G4-150		899
5962-0151404HMA	E	02/13/2019	1	DDC		Y BU-61864G4-140		899
5962-0151404HMC	E	02/13/2019	1	DDC		Y BU-61864G4-110		899
5962-0151404HMC	E	02/13/2019	1	DDC		Y BU-61864G4-130		899
5962-0151404HTA	E	02/13/2019	1	DDC		Y BU-61864F4-140		899
5962-0151404HTA	E	02/13/2019	1	DDC		Y BU-61864F4-150		899
5962-0151404HTC	E	02/13/2019	1	DDC		Y BU-61864F4-110		899

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5962-0151404HTC	E	02/13/2019	1	DDC		Y BU-61864F4-130		899
5962-0151405HMA	E	02/13/2019	1	DDC		Y BU-61745G3-150		899
5962-0151405HMA	E	02/13/2019	1	DDC		Y BU-61745G3-140		899
5962-0151405HMC	E	02/13/2019	1	DDC		Y BU-61745G3-110		899
5962-0151405HMC	E	02/13/2019	1	DDC		Y BU-61745G3-130		899
5962-0151405HTA	E	02/13/2019	1	DDC		Y BU-61745F3-150		899
5962-0151405HTA	E	02/13/2019	1	DDC		Y BU-61745F3-140		899
5962-0151405HTC	E	02/13/2019	1	DDC		Y BU-61745F3-110		899
5962-0151405HTC	E	02/13/2019	1	DDC		Y BU-61745F3-130		899
5962-0151406HMA	E	02/13/2019	1	DDC		Y BU-61745G4-150		899
5962-0151406HMA	E	02/13/2019	1	DDC		Y BU-61745G4-140		899
5962-0151406HMC	E	02/13/2019	1	DDC		Y BU-61745G4-130		899
5962-0151406HMC	E	02/13/2019	1	DDC		Y BU-61745G4-110		899
5962-0151406HTA	E	02/13/2019	1	DDC		Y BU-61745F4-140		899
5962-0151406HTA	E	02/13/2019	1	DDC		Y BU-61745F4-150		899
5962-0151406HTC	E	02/13/2019	1	DDC		Y BU-61745F4-110		899
5962-0151406HTC	E	02/13/2019	1	DDC		Y BU-61745F4-130		899
5962-0151407HMA	E	02/13/2019	1	DDC		Y BU-61743G3-140		899
5962-0151407HMA	E	02/13/2019	1	DDC		Y BU-61743G3-150		899
5962-0151407HMC	E	02/13/2019	1	DDC		Y BU-61743G3-130		899
5962-0151407HMC	E	02/13/2019	1	DDC		Y BU-61743G3-110		899
5962-0151407HTA	E	02/13/2019	1	DDC		Y BU-61743F3-140		899
5962-0151407HTA	E	02/13/2019	1	DDC		Y BU-61743F3-150		899
5962-0151407HTC	E	02/13/2019	1	DDC		Y BU-61743F3-130		899
5962-0151407HTC	E	02/13/2019	1	DDC		Y BU-61743F3-110		899
5962-0151408HMA	E	02/13/2019	1	DDC		Y BU-61743G4-140		899
5962-0151408HMA	E	02/13/2019	1	DDC		Y BU-61743G4-150		899
5962-0151408HMC	E	02/13/2019	1	DDC		Y BU-61743G4-130		899
5962-0151408HMC	E	02/13/2019	1	DDC		Y BU-61743G4-110		899
5962-0151408HTA	E	02/13/2019	1	DDC		Y BU-61743F4-140		899
5962-0151408HTA	E	02/13/2019	1	DDC		Y BU-61743F4-150		899
5962-0151408HTC	E	02/13/2019	1	DDC		Y BU-61743F4-110		899
5962-0151408HTC	E	02/13/2019	1	DDC		Y BU-61743F4-130		899
5962-0151409HMA	E	02/13/2019	1	DDC		Y BU-61705G3-150		899
5962-0151409HMA	E	02/13/2019	1	DDC		Y BU-61705G3-140		899
5962-0151409HMC	E	02/13/2019	1	DDC		Y BU-61705G3-110		899
5962-0151409HMC	E	02/13/2019	1	DDC		Y BU-61705G3-130		899
5962-0151409HTA	E	02/13/2019	1	DDC		Y BU-61705F3-140		899
5962-0151409HTA	E	02/13/2019	1	DDC		Y BU-61705F3-150		899
5962-0151409HTC	E	02/13/2019	1	DDC		Y BU-61705F3-110		899
5962-0151409HTC	E	02/13/2019	1	DDC		Y BU-61705F3-130		899
5962-0151410HMA	E	02/13/2019	1	DDC		Y BU-61705G4-140		899
5962-0151410HMA	E	02/13/2019	1	DDC		Y BU-61705G4-150		899
5962-0151410HMC	E	02/13/2019	1	DDC		Y BU-61705G4-130		899
5962-0151410HMC	E	02/13/2019	1	DDC		Y BU-61705G4-110		899
5962-0151410HTA	E	02/13/2019	1	DDC		Y BU-61705F4-150		899
5962-0151410HTA	E	02/13/2019	1	DDC		Y BU-61705F4-140		899
5962-0151410HTC	E	02/13/2019	1	DDC		Y BU-61705F4-130		899
5962-0151410HTC	E	02/13/2019	1	DDC		Y BU-61705F4-110		899

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5962-0151411HMA	E	02/13/2019	1	DDC		Y BU-61703G3-150		899
5962-0151411HMA	E	02/13/2019	1	DDC		Y BU-61703G3-140		899
5962-0151411HMC	E	02/13/2019	1	DDC		Y BU-61703G3-130		899
5962-0151411HMC	E	02/13/2019	1	DDC		Y BU-61703G3-110		899
5962-0151411HTA	E	02/13/2019	1	DDC		Y BU-61703F3-140		899
5962-0151411HTA	E	02/13/2019	1	DDC		Y BU-61703F3-150		899
5962-0151411HTC	E	02/13/2019	1	DDC		Y BU-61703F3-130		899
5962-0151411HTC	E	02/13/2019	1	DDC		Y BU-61703F3-110		899
5962-0151412HMA	E	02/13/2019	1	DDC		Y BU-61703G4-150		899
5962-0151412HMA	E	02/13/2019	1	DDC		Y BU-61703G4-140		899
5962-0151412HMC	E	02/13/2019	1	DDC		Y BU-61703G4-130		899
5962-0151412HMC	E	02/13/2019	1	DDC		Y BU-61703G4-110		899
5962-0151412HTA	E	02/13/2019	1	DDC		Y BU-61703F4-140		899
5962-0151412HTA	E	02/13/2019	1	DDC		Y BU-61703F4-150		899
5962-0151412HTC	E	02/13/2019	1	DDC		Y BU-61703F4-130		899
5962-0151412HTC	E	02/13/2019	1	DDC		Y BU-61703F4-110		899
5962-0151413HMA	E	02/13/2019	1	DDC		Y BU-61845G3-150		899
5962-0151413HMA	E	02/13/2019	1	DDC		Y BU-61845G3-140		899
5962-0151413HMC	E	02/13/2019	1	DDC		Y BU-61845G3-130		899
5962-0151413HMC	E	02/13/2019	1	DDC		Y BU-61845G3-110		899
5962-0151413HTA	E	02/13/2019	1	DDC		Y BU-61845F3-140		899
5962-0151413HTA	E	02/13/2019	1	DDC		Y BU-61845F3-150		899
5962-0151413HTC	E	02/13/2019	1	DDC		Y BU-61845F3-130		899
5962-0151413HTC	E	02/13/2019	1	DDC		Y BU-61845F3-110		899
5962-0151414HMA	E	02/13/2019	1	DDC		Y BU-61845G4-140		899
5962-0151414HMA	E	02/13/2019	1	DDC		Y BU-61845G4-150		899
5962-0151414HMC	E	02/13/2019	1	DDC		Y BU-61845G4-130		899
5962-0151414HMC	E	02/13/2019	1	DDC		Y BU-61845G4-110		899
5962-0151414HTA	E	02/13/2019	1	DDC		Y BU-61845F4-150		899
5962-0151414HTA	E	02/13/2019	1	DDC		Y BU-61845F4-140		899
5962-0151414HTC	E	02/13/2019	1	DDC		Y BU-61845F4-130		899
5962-0151414HTC	E	02/13/2019	1	DDC		Y BU-61845F4-110		899
5962-0151415HMA	E	02/13/2019	1	DDC		Y BU-61843G3-140		899
5962-0151415HMA	E	02/13/2019	1	DDC		Y BU-61843G3-150		899
5962-0151415HMC	E	02/13/2019	1	DDC		Y BU-61843G3-110		899
5962-0151415HMC	E	02/13/2019	1	DDC		Y BU-61843G3-130		899
5962-0151415HTA	E	02/13/2019	1	DDC		Y BU-61843F3-140		899
5962-0151415HTA	E	02/13/2019	1	DDC		Y BU-61843F3-150		899
5962-0151415HTC	E	02/13/2019	1	DDC		Y BU-61843F3-130		899
5962-0151415HTC	E	02/13/2019	1	DDC		Y BU-61843F3-110		899
5962-0151416HMA	E	02/13/2019	1	DDC		Y BU-61843G4-150		899
5962-0151416HMA	E	02/13/2019	1	DDC		Y BU-61843G4-140		899
5962-0151416HMC	E	02/13/2019	1	DDC		Y BU-61843G4-130		899
5962-0151416HMC	E	02/13/2019	1	DDC		Y BU-61843G4-110		899
5962-0151416HTA	E	02/13/2019	1	DDC		Y BU-61843F4-150		899
5962-0151416HTA	E	02/13/2019	1	DDC		Y BU-61843F4-140		899
5962-0151416HTC	E	02/13/2019	1	DDC		Y BU-61843F4-110		899
5962-0151416HTC	E	02/13/2019	1	DDC		Y BU-61843F4-130		899
5962-0151501QXC	J	01/06/2014		(NONE)	09/06/2005		RT54SX72S (GEN)	381

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5962-0151501QYC	J	01/06/2014		(NONE)	09/06/2005		RT54SX72S (GEN)	381
5962-0151502QXC	J	01/06/2014		(NONE)	09/06/2005		RT54SX72S-1 (GEN)	381
5962-0151502QYC	J	01/06/2014		(NONE)	09/06/2005		RT54SX72S-1 (GEN)	381
5962-0151503QXC	J	01/06/2014		(NONE)	09/06/2005		RT54SX72S (GEN)	381
5962-0151503QYC	J	01/06/2014		(NONE)	09/06/2005		RT54SX72S (GEN)	381
5962-0151504QXC	J	01/06/2014		(NONE)	09/06/2005		RT54SX72S-1 (GEN)	381
5962-0151504QYC	J	01/06/2014		(NONE)	09/06/2005		RT54SX72S-1 (GEN)	381
5962-0151505QXC	J	01/06/2014	1	MICROSEMI (2)		Y	RTSX72SU-CQ256B	381
5962-0151505QYC	J	01/06/2014	1	MICROSEMI (2)		Y	RTSX72SU-CQ208B	381
5962-0151506QXC	J	01/06/2014	1	MICROSEMI (2)		Y	RTSX72SU-1CQ256B	381
5962-0151506QYC	J	01/06/2014	1	MICROSEMI (2)		Y	RTSX72SU-1CQ208B	381
5962-0151507QXC	J	01/06/2014	1	MICROSEMI (2)		Y	RTSX72SU-CQ256E	381
5962-0151507QYC	J	01/06/2014	1	MICROSEMI (2)		Y	RTSX72SU-CQ208E	381
5962-0151508QXC	J	01/06/2014	1	MICROSEMI (2)		Y	RTSX72SU-1CQ256E	381
5962-0151508QYC	J	01/06/2014	1	MICROSEMI (2)		Y	RTSX72SU-1CQ208E	381
5962-0151509QXC	J	01/06/2014	1	MICROSEMI (2)		Y	RTSX72SU-CQ256EV	381
5962-0151509QYC	J	01/06/2014	1	MICROSEMI (2)		Y	RTSX72SU-CQ208EV	381
5962-0151510QXC	J	01/06/2014	1	MICROSEMI (2)		Y	RTSX72SU-1CQ256EV	381
5962-0151510QYC	J	01/06/2014	1	MICROSEMI (2)		Y	RTSX72SU-1CQ208EV	381
5962H0151601QXA	C	12/17/2015		(NONE)	06/30/2012		28F64LVC-55 (GEN)	657
5962H0151601VXA	C	12/17/2015		(NONE)	06/30/2012		28F64LVC-55 (GEN)	657
5962H0151601QYA	C	12/17/2015		(NONE)	06/30/2012		28F64LVC-55 (GEN)	657
5962H0151601VYA	C	12/17/2015		(NONE)	06/30/2012		28F64LVC-55 (GEN)	657
5962H0151701QXA	D	08/05/2014		(NONE)			28F256LVC-65 (GEN)	650
5962H0151701VXA	D	08/05/2014		(NONE)			28F256LVC-65 (GEN)	650
5962H0151701QYA	D	08/05/2014		(NONE)			28F256LVC-65 (GEN)	650
5962H0151701VYA	D	08/05/2014		(NONE)			28F256LVC-65 (GEN)	650
5962H0151702QXA	D	08/05/2014		(NONE)			28F256LVQL-65 (GEN)	650
5962H0151702VXA	D	08/05/2014		(NONE)			28F256LVQL-65 (GEN)	650
5962F0151703QXA	D	08/05/2014		(NONE)			28F256LVQL-65 (GEN)	650
5962F0151703VXA	D	08/05/2014		(NONE)			28F256LVQL-65 (GEN)	650
5962H0151704QXA	D	08/05/2014	1	COBHAM		Y	UT28F256LVQLEC-65UCA	650
5962H0151704QXC	D	08/05/2014	1	COBHAM		Y	UT28F256LVQLEC-65UCC	650
5962H0151704VXA	D	08/05/2014	1	COBHAM		Y	UT28F256LVQLEC-65UCA	650
5962H0151704VXC	D	08/05/2014	1	COBHAM		Y	UT28F256LVQLEC-65UCC	650
5962F0151705QXA	D	08/05/2014	1	COBHAM		Y	UT28F256LVQLEC-65UCA	650
5962F0151705QXC	D	08/05/2014	1	COBHAM		Y	UT28F256LVQLEC-65UCC	650
5962F0151705VXA	D	08/05/2014	1	COBHAM		Y	UT28F256LVQLEC-65UCA	650
5962F0151705VXC	D	08/05/2014	1	COBHAM		Y	UT28F256LVQLEC-65UCC	650
5962-0151801QXC	E	05/01/2015	1	MICROSEMI (2)		Y	A54SX32A-CQ256B	381
5962-0151801QYC	E	05/01/2015	1	MICROSEMI (2)		Y	A54SX32A-CQ208B	381
5962-0151801QZC	E	05/01/2015	1	MICROSEMI (2)		Y	A54SX32A-CQ84B	381
5962-0151802QXC	E	05/01/2015	1	MICROSEMI (2)		Y	A54SX32A-1CQ256B	381
5962-0151802QYC	E	05/01/2015	1	MICROSEMI (2)		Y	A54SX32A-1CQ208B	381
5962-0151802QZC	E	05/01/2015	1	MICROSEMI (2)		Y	A54SX32A-1CQ84B	381
5962R0151901TXA	A	11/06/2006		(NONE)	08/29/2003		AD10265 (GEN)	592
5962-0152001QPA	C	08/06/2015	1	TI		Y	UC1710J883B	555
5962-0152001VPA	C	08/06/2015	1	TI		Y	UC1710JQMLV	555
5962-0152001VXA	C	08/06/2015		(NONE)	11/28/2015		UC1710 (GEN)	555



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5962F0152101V9A	C	07/17/2018	1	RENESAS		Y ISL74422ARHVX		555
5962F0152101QXC	C	07/17/2018	1	RENESAS		Y ISL74422ARHQF		555
5962F0152101VXC	C	07/17/2018	1	RENESAS		Y ISL74422ARHVF		555
5962-0152401QXA		05/24/2001		(NONE)		54AC573 (GEN)		341
5962-0152401VXA		05/24/2001		(NONE)		54AC573 (GEN)		341
5962F0152701V9A	B	04/07/2016	2	STMICRO		Y ACT273DIE2V		159
5962-0152701QXA	B	04/07/2016	1C	E2V		Y QP54ACT273K02Q		159
5962-0152701QXC	B	04/07/2016	1C	E2V		Y QP54ACT273K01Q		159
5962-0152701VXA	B	04/07/2016		(NONE)		54ACT273 (GEN)		159
5962F0152701QXA	B	04/07/2016	2	STMICRO		Y RHFACT273K02Q		159
5962F0152701QXC	B	04/07/2016	2	STMICRO		Y RHFACT273K01Q		159
5962F0152701VXA	B	04/07/2016	2	STMICRO		Y RHFACT273K02V		159
5962F0152701VXC	B	04/07/2016	2	STMICRO		Y RHFACT273K01V		159
5962-0152901MYA	B	07/10/2015	1	PYRAMID		Y P4C167-45L20MB		616
5962-0153001QXA	B	07/17/2018	2	TI		Y SMJ320VC5416HFG		432
5962L0153201QYA	D	03/23/2017		(NONE)		8Q1024 (GEN)		629
5962L0153201TYA	D	03/23/2017		(NONE)		8Q1024 (GEN)		629
5962L0153301QXC	E	08/24/2017		(NONE)		8Q512K32 (GEN)		629
5962L0153301TXC	E	08/24/2017		(NONE)		8Q512K32 (GEN)		629
5962L0153302QYC	E	08/24/2017	1C	COBHAM		Y UT8Q512K32E-SWC		629
5962L0153302VYC	E	08/24/2017	1C	COBHAM		Y UT8Q512K32E-SWC		629
5962L0153303QYC	E	08/24/2017	1C	COBHAM		Y UT8Q512K32E-SWC		629
5962R0153401Q9A	F	09/25/2018	1	COBHAM		Y UT54LVDS217-QDIE		599
5962R0153401V9A	F	09/25/2018	1	COBHAM		Y UT54LVDS217-VDIE		599
5962R0153401QXA	F	09/25/2018	1	COBHAM		Y UT54LVDS217UCA		599
5962R0153401QXC	F	09/25/2018	1	COBHAM		Y UT54LVDS217UCC		599
5962R0153401VXA	F	09/25/2018	1	COBHAM		Y UT54LVDS217UCA		599
5962R0153401VXC	F	09/25/2018	1	COBHAM		Y UT54LVDS217UCC		599
5962F0153402Q9A	F	09/25/2018	1	COBHAM		Y UT54LVDS217-QDIE		599
5962F0153402V9A	F	09/25/2018	1	COBHAM		Y UT54LVDS217-VDIE		599
5962H0153402Q9A	F	09/25/2018	1	COBHAM		Y UT54LVDS217-QDIE		599
5962H0153402V9A	F	09/25/2018	1	COBHAM		Y UT54LVDS217-VDIE		599
5962F0153402QXA	F	09/25/2018	1	COBHAM		Y UT54LVDS217UCA		599
5962F0153402QXC	F	09/25/2018	1	COBHAM		Y UT54LVDS217UCC		599
5962F0153402VXA	F	09/25/2018	1	COBHAM		Y UT54LVDS217UCA		599
5962F0153402VXC	F	09/25/2018	1	COBHAM		Y UT54LVDS217UCC		599
5962H0153402QXA	F	09/25/2018	1	COBHAM		Y UT54LVDS217UCA		599
5962H0153402QXC	F	09/25/2018	1	COBHAM		Y UT54LVDS217UCC		599
5962H0153402VXA	F	09/25/2018	1	COBHAM		Y UT54LVDS217UCA		599
5962H0153402VXC	F	09/25/2018	1	COBHAM		Y UT54LVDS217UCC		599
5962F0153403V9A	F	09/25/2018	2	STMICRO		Y RHFLVDS217D2V		599
5962F0153403VYC	F	09/25/2018	2	STMICRO		Y RHFLVDS217K01V		599
5962H0153501Q9A	D	07/02/2018	1	COBHAM		Y UT54LVDS218-QDIE		599
5962H0153501V9A	D	07/02/2018	1	COBHAM		Y UT54LVDS218-VDIE		599
5962H0153501QXA	D	07/02/2018	1	COBHAM		Y UT54LVDS218UCA		599
5962H0153501QXC	D	07/02/2018	1	COBHAM		Y UT54LVDS218UCC		599
5962H0153501VXA	D	07/02/2018	1	COBHAM		Y UT54LVDS218UCA		599
5962H0153501VXC	D	07/02/2018	1	COBHAM		Y UT54LVDS218UCC		599
5962H0153502Q9A	D	07/02/2018	1	COBHAM		Y UT54LVDS218-QDIE		599

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5962H0153502V9A	D	07/02/2018	1	COBHAM		Y UT54LVDS218-VDIE		599
5962H0153502QXA	D	07/02/2018	1	COBHAM		Y UT54LVDS218UCA		599
5962H0153502QXC	D	07/02/2018	1	COBHAM		Y UT54LVDS218UCC		599
5962H0153502VXA	D	07/02/2018	1	COBHAM		Y UT54LVDS218UCA		599
5962H0153502VXC	D	07/02/2018	1	COBHAM		Y UT54LVDS218UCC		599
5962F0153503V9A	D	07/02/2018	2	STMICRO		Y RHFLVDS218D2V		599
5962F0153503VYC	D	07/02/2018	2	STMICRO		Y RHFLVDS218K01V		599
5962H0153601QYA	E	09/21/2017	1	COBHAM		Y UT54LVDM328UCA		599
5962H0153601QYC	E	09/21/2017	1	COBHAM		Y UT54LVDM328UCC		599
5962H0153601VYA	E	09/21/2017	1	COBHAM		Y UT54LVDM328UCA		599
5962H0153601VYC	E	09/21/2017	1	COBHAM		Y UT54LVDM328UCC		599
5962R0153601QYA	E	09/21/2017	1	COBHAM		Y UT54LVDM328UCA		599
5962R0153601QYC	E	09/21/2017	1	COBHAM		Y UT54LVDM328UCC		599
5962R0153601VYA	E	09/21/2017	1	COBHAM		Y UT54LVDM328UCA		599
5962R0153601VYC	E	09/21/2017	1	COBHAM		Y UT54LVDM328UCC		599
5962H0153701QXA	B	09/11/2014	1	COBHAM		Y UT54LVDM228UPA		599
5962H0153701QXC	B	09/11/2014	1	COBHAM		Y UT54LVDM228UPC		599
5962H0153701VXA	B	09/11/2014	1	COBHAM		Y UT54LVDM228UPA		599
5962H0153701VXC	B	09/11/2014	1	COBHAM		Y UT54LVDM228UPC		599
5962-01A0101QXA	A	01/27/2014	1C	ON SEMI.		Y 15028-505		365
5962-01A0301QXC	A	01/27/2014	1C	ON SEMI.		Y 15022-009		365
5962-01A0401QXC		11/21/2000		(NONE)		6825-518 (GEN)		365
5962-01A0501QXA	A	01/27/2014	1B	ON SEMI.		Y 13612-501		365
5962-01A0601QXC		12/05/2000		(NONE)		6817-534 (GEN)		365
5962-01A0701QXC		01/09/2001		(NONE)		6817-533 (GEN)		365
5962-01A0801NXB	B	12/19/2018		(NONE)	12/31/2010	8697-001 (GEN)		365
5962-01A0802NXB	B	12/19/2018	1C	ON SEMI.		Y 20870-001		365
5962-01A0901NXB	B	12/19/2018		(NONE)	12/31/2010	8828-001 (GEN)		365
5962-01A0902NXB	B	12/19/2018	1C	ON SEMI.		Y 20869-001		365
5962-01A1001NXB		03/27/2001		(NONE)		6817-536 (GEN)		365
5962-01A1101NXB		03/26/2001		(NONE)		6805-063 (GEN)		365
5962-01A1201NXB		03/27/2001		(NONE)		6825-013 (GEN)		365
5962-01A1301QXC		05/09/2001		(NONE)		12032-501 (GEN)		365
5962-01A1401QXC		05/09/2001		(NONE)		06580-044 (GEN)		365
5962-01A1501NXB		01/30/2003		(NONE)		13755-502 (GEN)		365
5962-01A1601QXC	A	02/24/2014	1	ON SEMI.		Y 15028-507		365
5962-01A1701QXC		08/08/2001		(NONE)		TSS901E (GEN)		365
5962-01A1701VXC		08/08/2001		(NONE)		TSS901E (GEN)		365
5962-01A1801QXC	A	07/24/2002		(NONE)		29C516E (GEN)		365
5962-01A1801VXC	A	07/24/2002		(NONE)		29C516E (GEN)		365
5962-01A1801QYC	A	07/24/2002		(NONE)		29C516E (GEN)		365
5962-01A1801VYC	A	07/24/2002		(NONE)		29C516E (GEN)		365
5962-01A1801QZC	A	07/24/2002		(NONE)		29C516E (GEN)		365
5962-01A1801VZC	A	07/24/2002		(NONE)		29C516E (GEN)		365
5962-01A1901QXC		09/04/2001		(NONE)		15022-512 (GEN)		365
5962-01A2001NXB		10/15/2001		(NONE)	12/31/2010	12074-001 (GEN)		365
5962-01B0101Q*C	E	11/14/2013	2	ATMEL NANTES		Y TH1099RHabc*MQ		365
5962-01B0101V*C	E	11/14/2013	2	ATMEL NANTES		Y TH1099RHabc*SV		365
5962R01B0101V*C	E	11/14/2013	2	ATMEL NANTES		Y TH1099RHabc*SR		365

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5962-01B0101Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1099RHabcDDMQ		365
5962-01B0101V9A	E	11/14/2013	2	ATMEL NANTES		Y TH1099RHabcDDSV		365
5962-01B0102Q*C	E	11/14/2013	2	ATMEL NANTES		Y TH1156RHabc*MQ		365
5962-01B0102V*C	E	11/14/2013	2	ATMEL NANTES		Y TH1156RHabc*SV		365
5962R01B0102V*C	E	11/14/2013	2	ATMEL NANTES		Y TH1156RHabc*SR		365
5962-01B0102Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1156RHabcDDMQ		365
5962-01B0102V9A	E	11/14/2013	2	ATMEL NANTES		Y TH1156RHabcDDSV		365
5962-01B0103Q*C	E	11/14/2013	2	ATMEL NANTES		Y TH1242RHabc*MQ		365
5962-01B0103V*C	E	11/14/2013	2	ATMEL NANTES		Y TH1242RHabc*SV		365
5962R01B0103V*C	E	11/14/2013	2	ATMEL NANTES		Y TH1242RHabc*SR		365
5962-01B0103Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1242RHabcDDMQ		365
5962-01B0103V9A	E	11/14/2013	2	ATMEL NANTES		Y TH1242RHabcDDSV		365
5962-01B0104Q*C	E	11/14/2013	2	ATMEL NANTES		Y TH1332RHabc*MQ		365
5962-01B0104Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1332RHabcDDMQ		365
5962-01B0105Q*C	E	11/14/2013	2	ATMEL NANTES		Y TH1099SHabc*MQ		365
5962-01B0105V*C	E	11/14/2013	2	ATMEL NANTES		Y TH1099SHabc*SV		365
5962R01B0105V*C	E	11/14/2013	2	ATMEL NANTES		Y TH1099SHabc*SR		365
5962-01B0105Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1099SHabcDDMQ		365
5962-01B0105V9A	E	11/14/2013	2	ATMEL NANTES		Y TH1099SHabcDDSV		365
5962-01B0106Q*C	E	11/14/2013	2	ATMEL NANTES		Y TH1156SHabc*MQ		365
5962-01B0106V*C	E	11/14/2013	2	ATMEL NANTES		Y TH1156SHabc*SV		365
5962R01B0106V*C	E	11/14/2013	2	ATMEL NANTES		Y TH1156SHabc*SR		365
5962-01B0106Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1156SHabcDDMQ		365
5962-01B0106V9A	E	11/14/2013	2	ATMEL NANTES		Y TH1156SHabcDDSV		365
5962-01B0107Q*C	E	11/14/2013	2	ATMEL NANTES		Y TH1242SHabc*MQ		365
5962-01B0107V*C	E	11/14/2013	2	ATMEL NANTES		Y TH1242SHabc*SV		365
5962R01B0107V*C	E	11/14/2013	2	ATMEL NANTES		Y TH1242SHabc*SR		365
5962-01B0107Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1242SHabcDDMQ		365
5962-01B0107V9A	E	11/14/2013	2	ATMEL NANTES		Y TH1242SHabcDDSV		365
5962-01B0108Q*C	E	11/14/2013	2	ATMEL NANTES		Y TH1332SHabc*MQ		365
5962-01B0108Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1332SHabcDDMQ		365
5962-01B0109Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabc_MQ		365
5962-01B0109V_C	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabc_SV		365
5962R01B0109V_C	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabc_SR		365
5962-01B0109Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabcDDMQ		365
5962-01B0109V9A	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabcDDSV		365
5962-01B0110Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabc_MQ		365
5962-01B0110V_C	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabc_SV		365
5962R01B0110V_C	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabc_SR		365
5962-01B0110Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabcDDMQ		365
5962-01B0110V9A	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabcDDSV		365
5962-01B0111Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabc_MQ		365
5962-01B0111V_C	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabc_SV		365
5962R01B0111V_C	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabc_SR		365
5962-01B0111Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabcDDMQ		365
5962-01B0111V9A	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabcDDSV		365
5962-01B0112Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabc_MQ		365
5962-01B0112Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1REHabcDDMQ		365
5962-01B0113Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabc_MQ		365

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5962-01B0113V_C	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabc_SV		365
5962R01B0113V_C	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabc_SR		365
5962-01B0113Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabcDDMQ		365
5962-01B0113V9A	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabcDDSV		365
5962-01B0114Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabc_MQ		365
5962-01B0114V_C	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabc_SV		365
5962R01B0114V_C	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabc_SR		365
5962-01B0114Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabcDDMQ		365
5962-01B0114V9A	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabcDDSV		365
5962-01B0115Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabc_MQ		365
5962-01B0115V_C	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabc_SV		365
5962R01B0115V_C	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabc_SR		365
5962-01B0115Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabcDDMQ		365
5962-01B0115V9A	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabcDDSV		365
5962-01B0116Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabc_MQ		365
5962-01B0116Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1SEHabcDDMQ		365
5962-01B0117Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1099Rabc_MQ		365
5962-01B0117Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1099RabcDDMQ		365
5962-01B0118Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1156Rabc_MQ		365
5962-01B0118Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1156RabcDDMQ		365
5962-01B0119Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1242Rabc_MQ		365
5962-01B0119Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1242RabcDDMQ		365
5962-01B0120Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1332Rabc_MQ		365
5962-01B0120Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1332RabcDDMQ		365
5962-01B0121Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1099Sabc_MQ		365
5962-01B0121Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1099SabcDDMQ		365
5962-01B0122Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1156Sabc_MQ		365
5962-01B0122Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1156SabcDDMQ		365
5962-01B0123Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1242Sabc_MQ		365
5962-01B0123Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1242SabcDDMQ		365
5962-01B0124Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1332Sabc_MQ		365
5962-01B0124Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1332SabcDDMQ		365
5962-01B0125Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1RDabc_MQ		365
5962-01B0125Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1RDabcDDMQ		365
5962-01B0126Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1RDabc_MQ		365
5962-01B0126Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1RDabcDDMQ		365
5962-01B0127Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1RDabc_MQ		365
5962-01B0127Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1RDabcDDMQ		365
5962-01B0128Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1RDabc_MQ		365
5962-01B0128Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1RDabcDDMQ		365
5962-01B0129Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1SDabc_MQ		365
5962-01B0129Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1SDabcDDMQ		365
5962-01B0130Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1SDabc_MQ		365
5962-01B0130Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1SDabcDDMQ		365
5962-01B0131Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1SDabc_MQ		365
5962-01B0131Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1SDabcDDMQ		365
5962-01B0132Q_C	E	11/14/2013	2	ATMEL NANTES		Y TH1SDabc_MQ		365
5962-01B0132Q9A	E	11/14/2013	2	ATMEL NANTES		Y TH1SDabcDDMQ		365
5962-01B0133Q7C	E	11/14/2013	2	ATMEL NANTES		Y TH1256AabcYEMQ		365



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5962-01B0133V7C	E	11/14/2013	2	ATMEL NANTES		Y TH1256AabcYESV		365
5962R01B0133V7C	E	11/14/2013	2	ATMEL NANTES		Y TH1256AabcYESR		365
5962-01B0133Q8C	E	11/14/2013	2	ATMEL NANTES		Y TH1256AabcYDMQ		365
5962-01B0133V8C	E	11/14/2013	2	ATMEL NANTES		Y TH1256AabcYDSV		365
5962R01B0133V8C	E	11/14/2013	2	ATMEL NANTES		Y TH1256AabcYDSR		365
5962-0250101QXC	D	02/21/2019	1	ATMEL NANTES		Y MMDJ-65609EV-40MQ		625
5962-0250101VXC	D	02/21/2019	1	ATMEL NANTES		Y SMDJ-65609EV-40SV		625
5962R0250101VXC	D	02/21/2019	1	ATMEL NANTES		Y SMDJ-65609EV-40SR		625
5962G0250201QXC	B	05/12/2016	1	BAE SYSTEMS		Y LMP2568T3V-Q10X		669
5962G0250201VXC	B	05/12/2016	1	BAE SYSTEMS		Y LMP2568T3V-V10X		669
5962F0250301V9A	C	09/22/2011	2	RENESAS		Y ISL72991RHVX		781
5962-0250301QXC	C	09/22/2011	2	RENESAS		Y ISL72991QF		781
5962F0250301QXC	C	09/22/2011	2	RENESAS		Y ISL72991RHQF		781
5962F0250301VXC	C	09/22/2011	2	RENESAS		Y ISL72991RHVF		781
5962-0250401HXA	E	04/25/2017		(NONE)		SLH2805D (GEN)		594
5962L0250401HXA	E	04/25/2017		(NONE)		SLH2805D (GEN)		594
5962L0250401KXA	E	04/25/2017		(NONE)		SLH2805D (GEN)		594
5962P0250401HXA	E	04/25/2017		(NONE)		SLH2805D (GEN)		594
5962P0250401KXA	E	04/25/2017		(NONE)		SLH2805D (GEN)		594
5962R0250401HXA	E	04/25/2017		(NONE)		SLH2805D (GEN)		594
5962R0250401KXA	E	04/25/2017		(NONE)		SLH2805D (GEN)		594
5962L0250402HXA	E	04/25/2017	3B	CRANE		Y SLH2805D/HL		594
5962L0250402HXC	E	04/25/2017	3B	CRANE		Y SLH2805D/HL		594
5962L0250402KXA	E	04/25/2017	3B	CRANE		Y SLH2805D/KL		594
5962L0250402KXC	E	04/25/2017	3B	CRANE		Y SLH2805D/KL		594
5962P0250402HXA	E	04/25/2017	3B	CRANE		Y SLH2805D/HP		594
5962P0250402HXC	E	04/25/2017	3B	CRANE		Y SLH2805D/HP		594
5962P0250402KXA	E	04/25/2017	3B	CRANE		Y SLH2805D/KP		594
5962P0250402KXC	E	04/25/2017	3B	CRANE		Y SLH2805D/KP		594
5962R0250402HXA	E	04/25/2017	3B	CRANE		Y SLH2805D/HR		594
5962R0250402HXC	E	04/25/2017	3B	CRANE		Y SLH2805D/HR		594
5962R0250402KXA	E	04/25/2017	3B	CRANE		Y SLH2805D/KR		594
5962R0250402KXC	E	04/25/2017	3B	CRANE		Y SLH2805D/KR		594
5962-0250502HXA	D	02/14/2019	1	MICROPAC		Y 52445		787
5962-0250502HXC	D	02/14/2019	1	MICROPAC		Y 52445		787
5962-0250503HXA	D	02/14/2019	1	MICROPAC		Y 52446		787
5962-0250503HXC	D	02/14/2019	1	MICROPAC		Y 52446		787
5962-0250601HXA	C	02/19/2019	1	MICROPAC		Y 52447		899
5962-0250601HXC	C	02/19/2019	1	MICROPAC		Y 52447		899
5962P0250701QXA	A	10/17/2003		(NONE)	01/01/2010	RHPX16245 (GEN)		590
5962P0250701VXA	A	10/17/2003		(NONE)	01/01/2010	RHPX16245 (GEN)		590
5962F0250801QXA	H	03/22/2018		(NONE)	01/01/2010	RHFHXH162245 (GEN)		590
5962F0250801VXC	H	03/22/2018		(NONE)		RHFHXH162245 (GEN)		590
5962P0250801QXA	H	03/22/2018		(NONE)		54VCXH162245 (GEN)		590
5962P0250801VXA	H	03/22/2018		(NONE)		54VCXH162245 (GEN)		590
5962R0250801QXA	H	03/22/2018		(NONE)	01/01/2010	RHRXH162245 (GEN)		590
5962R0250801VXC	H	03/22/2018		(NONE)		RHRXH162245 (GEN)		590
5962F0250802V9A	H	03/22/2018	2	STMICRO		Y RHFHXH162245D2V		590
5962F0250802QXA	H	03/22/2018		(NONE)	01/01/2010	RHFHXH162245 (GEN)		590

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5962F0250802VXC	H	03/22/2018	2	STMICRO		Y RHFHXH162245K03V		590
5962R0250802QXA	H	03/22/2018		(NONE)	01/01/2010	RHRXH162245 (GEN)		590
5962R0250802VXC	H	03/22/2018	2	STMICRO		Y RHRXH162245K03V		590
5962F0250802VYC	H	03/22/2018	2	STMICRO		Y RHFHXH162245K05V		590
5962-0251001HXA	F	09/14/2015	3B	CRANE		Y MHF+283R3S/883		594
5962-0251001HXC	F	09/14/2015	3B	CRANE		Y MHF+283R3S/883		594
5962-0251001HZA	F	09/14/2015	3B	CRANE		Y MHF+283R3SF/883		594
5962-0251001HZA	F	09/14/2015	3B	CRANE		Y MHF+283R3SF/883		594
5962-0251002HXA	F	09/14/2015		(NONE)		SMHF283R3S (GEN)		594
5962D0251002HXA	F	09/14/2015		(NONE)		SMHF283R3S (GEN)		594
5962D0251002KXA	F	09/14/2015		(NONE)		SMHF283R3S (GEN)		594
5962L0251002HXA	F	09/14/2015	1C	CRANE		Y SMHF283R3S/HL		594
5962L0251002HXC	F	09/14/2015	1C	CRANE		Y SMHF283R3S/HL		594
5962L0251002KXA	F	09/14/2015	1C	CRANE		Y SMHF283R3S/KL		594
5962L0251002KXC	F	09/14/2015	1C	CRANE		Y SMHF283R3S/KL		594
5962P0251002HXA	F	09/14/2015	1C	CRANE		Y SMHF283R3S/HP		594
5962P0251002HXC	F	09/14/2015	1C	CRANE		Y SMHF283R3S/HP		594
5962P0251002KXA	F	09/14/2015	1C	CRANE		Y SMHF283R3S/KP		594
5962P0251002KXC	F	09/14/2015	1C	CRANE		Y SMHF283R3S/KP		594
5962R0251002HXA	F	09/14/2015	1C	CRANE		Y SMHF283R3S/HR		594
5962R0251002HXC	F	09/14/2015	1C	CRANE		Y SMHF283R3S/HR		594
5962R0251002KXA	F	09/14/2015	1C	CRANE		Y SMHF283R3S/KR		594
5962R0251002KXC	F	09/14/2015	1C	CRANE		Y SMHF283R3S/KR		594
5962-0251002HZA	F	09/14/2015		(NONE)		SMHF283R3S (GEN)		594
5962D0251002HZA	F	09/14/2015		(NONE)		SMHF283R3S (GEN)		594
5962D0251002KZA	F	09/14/2015		(NONE)		SMHF283R3S (GEN)		594
5962L0251002HZA	F	09/14/2015	1C	CRANE		Y SMHF283R3SF/HL		594
5962L0251002HZA	F	09/14/2015	1C	CRANE		Y SMHF283R3SF/HL		594
5962L0251002KZA	F	09/14/2015	1C	CRANE		Y SMHF283R3SF/KL		594
5962L0251002KZC	F	09/14/2015	1C	CRANE		Y SMHF283R3SF/KL		594
5962P0251002HZA	F	09/14/2015	1C	CRANE		Y SMHF283R3SF/HP		594
5962P0251002HZA	F	09/14/2015	1C	CRANE		Y SMHF283R3SF/HP		594
5962P0251002KZA	F	09/14/2015	1C	CRANE		Y SMHF283R3SF/KP		594
5962P0251002KZC	F	09/14/2015	1C	CRANE		Y SMHF283R3SF/KP		594
5962R0251002HZA	F	09/14/2015	1C	CRANE		Y SMHF283R3SF/HR		594
5962R0251002HZA	F	09/14/2015	1C	CRANE		Y SMHF283R3SF/HR		594
5962R0251002KZA	F	09/14/2015	1C	CRANE		Y SMHF283R3SF/KR		594
5962R0251002KZC	F	09/14/2015	1C	CRANE		Y SMHF283R3SF/KR		594
5962F0251101V9A	J	08/19/2013	2	RENESAS		Y IS0-1825ASRH-Q		787
5962F0251101QEC	J	08/19/2013	2	RENESAS		Y IS1-1825ASRH-8		787
5962F0251101VEC	J	08/19/2013	2	RENESAS		Y IS1-1825ASRH-Q		787
5962F0251101QXC	J	08/19/2013	2	RENESAS		Y IS9-1825ASRH-8		787
5962F0251101VXC	J	08/19/2013	2	RENESAS		Y IS9-1825ASRH-Q		787
5962R0251101TXC	J	08/19/2013	2	RENESAS		Y IS9-1825ASRH-T		787
5962F0251102V9A	J	08/19/2013	2	RENESAS		Y ISL71823ASRHVX		787
5962F0251102QEC	J	08/19/2013	2	RENESAS		Y ISL71823ASRHQD		787
5962F0251102VEC	J	08/19/2013	2	RENESAS		Y ISL71823ASRHVD		787
5962F0251102QXC	J	08/19/2013	2	RENESAS		Y ISL71823ASRHQF		787
5962F0251102VXC	J	08/19/2013	2	RENESAS		Y ISL71823ASRHVF		787

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5962F0251103V9A	J	08/19/2013	2	RENESAS		Y IS0-1825BSRH-Q		787
5962F0251103QEC	J	08/19/2013	2	RENESAS		Y IS1-1825BSRH-8		787
5962F0251103VEC	J	08/19/2013	2	RENESAS		Y IS1-1825BSRH-Q		787
5962F0251103QXC	J	08/19/2013	2	RENESAS		Y IS9-1825BSRH-8		787
5962F0251103VXC	J	08/19/2013	2	RENESAS		Y IS9-1825BSRH-Q		787
5962F0251104V9A	J	08/19/2013	2	RENESAS		Y ISL71823BSRHVX		787
5962F0251104QEC	J	08/19/2013	2	RENESAS		Y ISL71823BSRHQD		787
5962F0251104VEC	J	08/19/2013	2	RENESAS		Y ISL71823BSRHVD		787
5962F0251104QXC	J	08/19/2013	2	RENESAS		Y ISL71823BSRHQF		787
5962F0251104VXC	J	08/19/2013	2	RENESAS		Y ISL71823BSRHVF		787
5962F0251105V9A	J	08/19/2013	2	RENESAS		Y IS0-1825BSEH-Q		787
5962F0251105VEC	J	08/19/2013	2	RENESAS		Y IS1-1825BSEH-Q		787
5962F0251105VXC	J	08/19/2013	2	RENESAS		Y IS9-1825BSEH-Q		787
5962-0251201QXA	A	01/23/2008		(NONE)	11/28/2015	320LC549 (GEN)		432
5962-0251301HXA	C	12/09/2014	1	CRANE		Y MSA285R2S/883		594
5962-0251301HXC	C	12/09/2014	1	CRANE		Y MSA285R2S/883		594
5962-0251701NXA	C	01/18/2018		(NONE)		SD128MX84 (GEN)		629
5962-0251702NXA	C	01/18/2018		(NONE)		SD128MX88 (GEN)		629
5962-0251801NXA	B	05/18/2017		(NONE)		SD256MX88 (GEN)		629
5962-0252201EXA	G	02/20/2014	1	API		Y 12775-DESC		899
5962-0252201EXA	G	02/20/2014	1	NATEL		Y SMC51676/2		899
5962-0252201EXA	G	02/20/2014	1	SPECTRUM (1)		Y 2002		899
5962F0252301Q9A	B	12/01/2008		(NONE)		UT80CRH196 (GEN)		420
5962F0252301V9A	B	12/01/2008		(NONE)		UT80CRH196 (GEN)		420
5962R0252301Q9A	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-QCDIE		420
5962R0252301V9A	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-VCDIE		420
5962-0252301QXA	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WCA		420
5962-0252301QXC	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WCC		420
5962F0252301QXA	B	12/01/2008		(NONE)		UT80CRH196 (GEN)		420
5962F0252301VXA	B	12/01/2008		(NONE)		UT80CRH196 (GEN)		420
5962R0252301QXA	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WCA		420
5962R0252301QXC	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WCC		420
5962R0252301VXA	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WCA		420
5962R0252301VXC	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WCC		420
5962F0252302Q9A	B	12/01/2008		(NONE)		UT80CRH196 (GEN)		420
5962F0252302V9A	B	12/01/2008		(NONE)		UT80CRH196 (GEN)		420
5962R0252302Q9A	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-QWDIE		420
5962R0252302V9A	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-VWDIE		420
5962-0252302QXA	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WWA		420
5962-0252302QXC	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WWC		420
5962F0252302QXA	B	12/01/2008		(NONE)		UT80CRH196 (GEN)		420
5962F0252302VXA	B	12/01/2008		(NONE)		UT80CRH196 (GEN)		420
5962R0252302QXA	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WWA		420
5962R0252302QXC	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WWC		420
5962R0252302VXA	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WWA		420
5962R0252302VXC	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WWC		420
5962F0252303Q9A	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-QWDIE		420
5962F0252303V9A	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-VWDIE		420
5962F0252303QXA	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WWA		420

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5962F0252303QXC	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WWC		420
5962F0252303VXA	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WWA		420
5962F0252303VXC	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WWC		420
5962F0252304Q9A	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-QWDIE		420
5962F0252304V9A	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-VWDIE		420
5962F0252304QXA	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WWA		420
5962F0252304QXC	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WWC		420
5962F0252304VXA	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WWA		420
5962F0252304VXC	B	12/01/2008	2	COBHAM		Y UT80CRH196KDS-WWC		420
5962F0252401V9A	K	06/13/2018	3	STMICRO		Y L4913ADIE2V		780
5962F0252401QXA	K	06/13/2018	3	STMICRO		Y RHFL4913KPA-02Q		780
5962F0252401QXC	K	06/13/2018	3	STMICRO		Y RHFL4913KPA-01Q		780
5962F0252401VXA	K	06/13/2018	3	STMICRO		Y RHFL4913KPA-02V		780
5962F0252401VXC	K	06/13/2018	3	STMICRO		Y RHFL4913KPA-01V		780
5962F0252402VYA	K	06/13/2018		(NONE)		RH-L4913-ADJ		780
5962F0252402VZA	K	06/13/2018		(NONE)		RH-L4913-ADJ		780
5962F0252403VUC	K	06/13/2018	3	STMICRO		Y RHFL4913SCA-07V		780
5962-0252501EXA	E	02/20/2014	1	NATEL		Y SMC51677/2		899
5962-0252501EXA	E	02/20/2014	1	SPECTRUM (1)		Y 1500		899
5962-0253001QZC	A	10/29/2014		(NONE)	05/20/2013	XQ2V3000-4 (GEN)		380
5962F0253201V9A	F	02/05/2019	3	STMICRO		Y L7913DIE2V		781
5962F0253201QXA	F	02/05/2019	3	STMICRO		Y RHFL7913KPA-02Q		781
5962F0253201QXC	F	02/05/2019	3	STMICRO		Y RHFL7913KPA-01Q		781
5962F0253201VXA	F	02/05/2019	3	STMICRO		Y RHFL7913KPA-02V		781
5962F0253201VXC	F	02/05/2019	3	STMICRO		Y RHFL7913KPA-01V		781
5962F0253202VYC	F	02/05/2019	3	STMICRO		Y RHFL7913SCA-03V		781
5962F0253401QXA	H	02/02/2017	2	STMICRO		Y RHFL4913KP25-02Q		782
5962F0253401QXC	H	02/02/2017	2	STMICRO		Y RHFL4913KP25-01Q		782
5962F0253401VXA	H	02/02/2017	2	STMICRO		Y RHFL4913KP25-02V		782
5962F0253401VXC	H	02/02/2017	2	STMICRO		Y RHFL4913KP25-01V		782
5962F0253402V9A	H	02/02/2017	2	STMICRO		Y L491325DIE2V		782
5962F0253402QYA	H	02/02/2017	2	STMICRO		Y RHFL4913S25-04Q		782
5962F0253402QYC	H	02/02/2017	2	STMICRO		Y RHFL4913S25-03Q		782
5962F0253402VYA	H	02/02/2017	2	STMICRO		Y RHFL4913S25-04V		782
5962F0253402VYC	H	02/02/2017	2	STMICRO		Y RHFL4913S25-03V		782
5962F0253402QZA	H	02/02/2017	2	STMICRO		Y RHFL4913ESY2506Q		782
5962F0253402QZC	H	02/02/2017	2	STMICRO		Y RHFL4913ESY2505Q		782
5962F0253402VZA	H	02/02/2017	2	STMICRO		Y RHFL4913ESY2506V		782
5962F0253402VZC	H	02/02/2017	2	STMICRO		Y RHFL4913ESY2505V		782
5962F0253501QXA	G	02/23/2017	3	STMICRO		Y RHFL4913KP33-02Q		782
5962F0253501QXC	G	02/23/2017	3	STMICRO		Y RHFL4913KP33-01Q		782
5962F0253501VXA	G	02/23/2017	3	STMICRO		Y RHFL4913KP33-02V		782
5962F0253501VXC	G	02/23/2017	3	STMICRO		Y RHFL4913KP33-01V		782
5962F0253502V9A	G	02/23/2017	3	STMICRO		Y L491333DIE2V		782
5962F0253502QYA	G	02/23/2017	3	STMICRO		Y RHFL4913S33-04Q		782
5962F0253502QYC	G	02/23/2017	3	STMICRO		Y RHFL4913S33-03Q		782
5962F0253502VYA	G	02/23/2017	3	STMICRO		Y RHFL4913S33-04V		782
5962F0253502VYC	G	02/23/2017	3	STMICRO		Y RHFL4913S33-03V		782
5962F0253502QZA	G	02/23/2017	3	STMICRO		Y RHFL4913ESY3306Q		782



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5962F0253502QZC	G	02/23/2017	3	STMICRO		Y RHFL4913ESY3305Q		782
5962F0253502VZA	G	02/23/2017	3	STMICRO		Y RHFL4913ESY3306V		782
5962F0253502VZC	G	02/23/2017	3	STMICRO		Y RHFL4913ESY3305V		782
5962F0253601QXA	H	02/09/2017	3	STMICRO		Y RHFL4913KP50-02Q		782
5962F0253601QXC	H	02/09/2017	3	STMICRO		Y RHFL4913KP50-01Q		782
5962F0253601VXA	H	02/09/2017	3	STMICRO		Y RHFL4913KP50-02V		782
5962F0253601VXC	H	02/09/2017	3	STMICRO		Y RHFL4913KP50-01V		782
5962F0253602V9A	H	02/09/2017	3	STMICRO		Y L491350DIE2V		782
5962F0253602QYA	H	02/09/2017	3	STMICRO		Y RHFL4913S50-04Q		782
5962F0253602QYC	H	02/09/2017	3	STMICRO		Y RHFL4913S50-03Q		782
5962F0253602VYA	H	02/09/2017	3	STMICRO		Y RHFL4913S50-04V		782
5962F0253602VYC	H	02/09/2017	3	STMICRO		Y RHFL4913S50-03V		782
5962F0253602QZA	H	02/09/2017	3	STMICRO		Y RHFL4913ESY5006Q		782
5962F0253602QZC	H	02/09/2017	3	STMICRO		Y RHFL4913ESY5005Q		782
5962F0253602VZA	H	02/09/2017	3	STMICRO		Y RHFL4913ESY5006V		782
5962F0253602VZC	H	02/09/2017	3	STMICRO		Y RHFL4913ESY5005V		782
5962-0253801VXA	F	02/06/2018		(NONE)		AD9042S (GEN)		592
5962R0253801VXA	F	02/06/2018	1	ANALOG (4)		Y AD9042SD/QMLR		592
5962-0253801VZA	F	02/06/2018		(NONE)		AD9042S (GEN)		592
5962R0253801VZA	F	02/06/2018	1	ANALOG (4)		Y AD9042SF/QMLR		592
5962L0253802VZA	F	02/06/2018	1	ANALOG (4)		Y AD9042SF/QMLL		592
5962-0254001EXA	E	02/20/2014	1	API		Y 12811-DESC		899
5962-0254001EXA	E	02/20/2014	1	NATEL		Y SMC51675/2		899
5962-0254001EXA	E	02/20/2014	1	SPECTRUM (1)		Y 2003		899
5962F0254201V9A	D	10/04/2016	2	RENESAS		Y ISL7124SRHVX		713
5962F0254201QXC	D	10/04/2016	2	RENESAS		Y ISL7124SRHQF		713
5962F0254201VXC	D	10/04/2016	2	RENESAS		Y ISL7124SRHVF		713
5962F0254202V9A	D	10/04/2016	2	RENESAS		Y ISL7124SEHVX		713
5962F0254202VXC	D	10/04/2016	2	RENESAS		Y ISL7124SEHVF		713
5962H0254301Q9A	B	12/17/2014	1	COBHAM		Y UT54ACS162245-QDIEH		599
5962H0254301V9A	B	12/17/2014	1	COBHAM		Y UT54ACS162245-VDIEH		599
5962H0254301QXA	B	12/17/2014	1	COBHAM		Y UT54ACS162245SUCA		599
5962H0254301QXC	B	12/17/2014	1	COBHAM		Y UT54ACS162245SUCC		599
5962H0254301VXA	B	12/17/2014	1	COBHAM		Y UT54ACS162245SUCA		599
5962H0254301VXC	B	12/17/2014	1	COBHAM		Y UT54ACS162245SUCC		599
5962-0254401QPA	A	06/01/2004		(NONE)		LMH6624 (GEN)		739
5962-0254401VPA	A	06/01/2004		(NONE)		LMH6624 (GEN)		739
5962-0254401QZA	A	06/01/2004		(NONE)	11/30/2009	LMH6624 (GEN)		739
5962-0254401VZA	A	06/01/2004		(NONE)		LMH6624 (GEN)		739
5962-0254501MPA	B	01/14/2016		(NONE)		LMH6628 (GEN)		710
5962-0254501VPA	B	01/14/2016	3	TI		Y LMH6628J-QMLV		710
5962F0254501MPA	B	01/14/2016		(NONE)		LMH6628 (GEN)		710
5962F0254501VPA	B	01/14/2016		(NONE)		LMH6628 (GEN)		710
5962-0254501MZA	B	01/14/2016	3	TI		Y LMH6628WG-QML		710
5962-0254501VZA	B	01/14/2016		(NONE)		LMH6628 (GEN)		710
5962F0254501MZA	B	01/14/2016		(NONE)		LMH6628 (GEN)		710
5962F0254501VZA	B	01/14/2016	3	TI		Y LMH6628WGFQMLV		710
5962-0254601QPA	E	11/06/2017		(NONE)	12/01/2009	LMH6702 (GEN)		719
5962-0254601VPA	E	11/06/2017	1	TI		Y LMH6702J-QMLV		719

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5962F0254601VPA	E	11/06/2017	1	TI		Y	LMH6702JFQMLV	719
5962-0254601QZA	E	11/06/2017		(NONE)	12/01/2009		LMH6702 (GEN)	719
5962-0254601VZA	E	11/06/2017	1	TI		Y	LMH6702WG-QMLV	719
5962F0254601VZA	E	11/06/2017	1	TI		Y	LMH6702WGFQMLV	719
5962F0254602VPA	E	11/06/2017	1	TI		Y	LMH6702JFLQMLV	719
5962F0254602VZA	E	11/06/2017	1	TI		Y	LMH6702WGFLQMLV	719
5962-0254701QPA	B	01/21/2016	2	TI		Y	LMH6715J-QML	710
5962-0254701VPA	B	01/21/2016		(NONE)			LMH6715 (GEN)	710
5962F0254701QPA	B	01/21/2016		(NONE)			LMH6715 (GEN)	710
5962F0254701VPA	B	01/21/2016	2	TI		Y	LMH6715JFQMLV	710
5962-0254801HUA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL1203R3SW/CH	594
5962-0254801HUC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL1203R3SW/CH	594
5962-0254801HXA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL1203R3SX/CH	594
5962-0254801HXC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL1203R3SX/CH	594
5962-0254801HYA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL1203R3SY/CH	594
5962-0254801HYC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL1203R3SY/CH	594
5962-0254801HZA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL1203R3SZ/CH	594
5962-0254801HZC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL1203R3SZ/CH	594
5962-0254901HUA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12008SW/CH	594
5962-0254901HUC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12008SW/CH	594
5962-0254901HXA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12008SX/CH	594
5962-0254901HXC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12008SX/CH	594
5962-0254901HYA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12008SY/CH	594
5962-0254901HYC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12008SY/CH	594
5962-0254901HZA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12008SZ/CH	594
5962-0254901HZC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12008SZ/CH	594
5962-0255001HUA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12009SW/CH	594
5962-0255001HUC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12009SW/CH	594
5962-0255001HXA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12009SX/CH	594
5962-0255001HXC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12009SX/CH	594
5962-0255001HYA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12009SY/CH	594
5962-0255001HYC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12009SY/CH	594
5962-0255001HZA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12009SZ/CH	594
5962-0255001HZC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12009SZ/CH	594
5962-0255101HUA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12012SW/CH	594
5962-0255101HUC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12012SW/CH	594
5962-0255101HXA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12012SX/CH	594
5962-0255101HXC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12012SX/CH	594
5962-0255101HYA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12012SY/CH	594
5962-0255101HYC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12012SY/CH	594
5962-0255101HZA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12012SZ/CH	594
5962-0255101HZC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12012SZ/CH	594
5962-0255201HUA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12015SW/CH	594
5962-0255201HUC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12015SW/CH	594
5962-0255201HXA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12015SX/CH	594
5962-0255201HXC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12015SX/CH	594
5962-0255201HYA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12015SY/CH	594
5962-0255201HYC	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12015SY/CH	594
5962-0255201HZA	C	01/23/2013	1C	INTER. RECT.2		Y	AFL12015SZ/CH	594

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5962-0255201HZC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12015SZ/CH		594
5962-0255301HUA	C	01/23/2013	1C	INTER. RECT.2		Y AFL12028SW/CH		594
5962-0255301HUC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12028SW/CH		594
5962-0255301HXA	C	01/23/2013	1C	INTER. RECT.2		Y AFL12028SX/CH		594
5962-0255301HXC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12028SX/CH		594
5962-0255301HYA	C	01/23/2013	1C	INTER. RECT.2		Y AFL12028SY/CH		594
5962-0255301HYC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12028SY/CH		594
5962-0255301HZA	C	01/23/2013	1C	INTER. RECT.2		Y AFL12028SZ/CH		594
5962-0255301HZC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12028SZ/CH		594
5962-0255401HUA	C	01/23/2013	1C	INTER. RECT.2		Y AFL12005DW/CH		594
5962-0255401HUC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12005DW/CH		594
5962-0255401HXA	C	01/23/2013	1C	INTER. RECT.2		Y AFL12005DX/CH		594
5962-0255401HXC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12005DX/CH		594
5962-0255401HYA	C	01/23/2013	1C	INTER. RECT.2		Y AFL12005DY/CH		594
5962-0255401HYC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12005DY/CH		594
5962-0255401HZA	C	01/23/2013	1C	INTER. RECT.2		Y AFL12005DZ/CH		594
5962-0255401HZC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12005DZ/CH		594
5962-0255501HUA	C	01/23/2013	1C	INTER. RECT.2		Y AFL12015DW/CH		594
5962-0255501HUC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12015DW/CH		594
5962-0255501HXA	C	01/23/2013	1C	INTER. RECT.2		Y AFL12015DX/CH		594
5962-0255501HXC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12015DX/CH		594
5962-0255501HYA	C	01/23/2013	1C	INTER. RECT.2		Y AFL12015DY/CH		594
5962-0255501HYC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12015DY/CH		594
5962-0255501HZA	C	01/23/2013	1C	INTER. RECT.2		Y AFL12015DZ/CH		594
5962-0255501HZC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12015DZ/CH		594
5962-0255601HUA	C	01/24/2013	1C	INTER. RECT.2		Y AFL503R3SW/CH		594
5962-0255601HUC	C	01/24/2013	1C	INTER. RECT.2		Y AFL503R3SW/CH		594
5962-0255601HXA	C	01/24/2013	1C	INTER. RECT.2		Y AFL503R3SX/CH		594
5962-0255601HXC	C	01/24/2013	1C	INTER. RECT.2		Y AFL503R3SX/CH		594
5962-0255601HYA	C	01/24/2013	1C	INTER. RECT.2		Y AFL503R3SY/CH		594
5962-0255601HYC	C	01/24/2013	1C	INTER. RECT.2		Y AFL503R3SY/CH		594
5962-0255601HZA	C	01/24/2013	1C	INTER. RECT.2		Y AFL503R3SZ/CH		594
5962-0255601HZC	C	01/24/2013	1C	INTER. RECT.2		Y AFL503R3SZ/CH		594
5962-0255701HUA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5005SW/CH		594
5962-0255701HUC	C	01/24/2013	1C	INTER. RECT.2		Y AFL5005SW/CH		594
5962-0255701HXA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5005SX/CH		594
5962-0255701HXC	C	01/24/2013	1C	INTER. RECT.2		Y AFL5005SX/CH		594
5962-0255701HYA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5005SY/CH		594
5962-0255701HYC	C	01/24/2013	1C	INTER. RECT.2		Y AFL5005SY/CH		594
5962-0255701HZA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5005SZ/CH		594
5962-0255701HZC	C	01/24/2013	1C	INTER. RECT.2		Y AFL5005SZ/CH		594
5962-0255801HUA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5008SW/CH		594
5962-0255801HUC	C	01/24/2013	1C	INTER. RECT.2		Y AFL5008SW/CH		594
5962-0255801HXA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5008SX/CH		594
5962-0255801HXC	C	01/24/2013	1C	INTER. RECT.2		Y AFL5008SX/CH		594
5962-0255801HYA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5008SY/CH		594
5962-0255801HYC	C	01/24/2013	1C	INTER. RECT.2		Y AFL5008SY/CH		594
5962-0255801HZA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5008SZ/CH		594
5962-0255801HZC	C	01/24/2013	1C	INTER. RECT.2		Y AFL5008SZ/CH		594

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-0255901HUA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5009SW/CH		594
5962-0255901HUC	C	01/24/2013	1C	INTER. RECT.2		Y AFL5009SW/CH		594
5962-0255901HXA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5009SX/CH		594
5962-0255901HXC	C	01/24/2013	1C	INTER. RECT.2		Y AFL5009SX/CH		594
5962-0255901HYA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5009SY/CH		594
5962-0255901HYC	C	01/24/2013	1C	INTER. RECT.2		Y AFL5009SY/CH		594
5962-0255901HZA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5009SZ/CH		594
5962-0255901HZA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5009SZ/CH		594
5962-0255901HZA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5009SZ/CH		594
5962-0256001HUA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5012SW/CH		594
5962-0256001HUC	C	01/24/2013	1C	INTER. RECT.2		Y AFL5012SW/CH		594
5962-0256001HXA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5012SX/CH		594
5962-0256001HXC	C	01/24/2013	1C	INTER. RECT.2		Y AFL5012SX/CH		594
5962-0256001HYA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5012SY/CH		594
5962-0256001HYC	C	01/24/2013	1C	INTER. RECT.2		Y AFL5012SY/CH		594
5962-0256001HZA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5012SZ/CH		594
5962-0256001HZA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5012SZ/CH		594
5962-0256001HZA	C	01/24/2013	1C	INTER. RECT.2		Y AFL5012SZ/CH		594
5962-0256101HUA	D	06/14/2016	1C	INTER. RECT.2		Y AFL5015SW/CH		594
5962-0256101HUC	D	06/14/2016	1C	INTER. RECT.2		Y AFL5015SW/CH		594
5962-0256101HXA	D	06/14/2016	1C	INTER. RECT.2		Y AFL5015SX/CH		594
5962-0256101HXC	D	06/14/2016	1C	INTER. RECT.2		Y AFL5015SX/CH		594
5962-0256101HYA	D	06/14/2016	1C	INTER. RECT.2		Y AFL5015SY/CH		594
5962-0256101HYC	D	06/14/2016	1C	INTER. RECT.2		Y AFL5015SY/CH		594
5962-0256101HZA	D	06/14/2016	1C	INTER. RECT.2		Y AFL5015SZ/CH		594
5962-0256101HZA	D	06/14/2016	1C	INTER. RECT.2		Y AFL5015SZ/CH		594
5962-0256101HZA	D	06/14/2016	1C	INTER. RECT.2		Y AFL5015SZ/CH		594
5962-0256201HUA	D	06/14/2016	1C	INTER. RECT.2		Y AFL5028SW/CH		594
5962-0256201HUC	D	06/14/2016	1C	INTER. RECT.2		Y AFL5028SW/CH		594
5962-0256201HXA	D	06/14/2016	1C	INTER. RECT.2		Y AFL5028SX/CH		594
5962-0256201HXC	D	06/14/2016	1C	INTER. RECT.2		Y AFL5028SX/CH		594
5962-0256201HYA	D	06/14/2016	1C	INTER. RECT.2		Y AFL5028SY/CH		594
5962-0256201HYC	D	06/14/2016	1C	INTER. RECT.2		Y AFL5028SY/CH		594
5962-0256201HZA	D	06/14/2016	1C	INTER. RECT.2		Y AFL5028SZ/CH		594
5962-0256201HZA	D	06/14/2016	1C	INTER. RECT.2		Y AFL5028SZ/CH		594
5962-0256201HZA	D	06/14/2016	1C	INTER. RECT.2		Y AFL5028SZ/CH		594
5962-0256301HUA	C	03/05/2013	1C	INTER. RECT.2		Y AFL5005DW/CH		594
5962-0256301HUC	C	03/05/2013	1C	INTER. RECT.2		Y AFL5005DW/CH		594
5962-0256301HXA	C	03/05/2013	1C	INTER. RECT.2		Y AFL5005DX/CH		594
5962-0256301HXC	C	03/05/2013	1C	INTER. RECT.2		Y AFL5005DX/CH		594
5962-0256301HYA	C	03/05/2013	1C	INTER. RECT.2		Y AFL5005DY/CH		594
5962-0256301HYC	C	03/05/2013	1C	INTER. RECT.2		Y AFL5005DY/CH		594
5962-0256301HZA	C	03/05/2013	1C	INTER. RECT.2		Y AFL5005DZ/CH		594
5962-0256301HZA	C	03/05/2013	1C	INTER. RECT.2		Y AFL5005DZ/CH		594
5962-0256301HZA	C	03/05/2013	1C	INTER. RECT.2		Y AFL5005DZ/CH		594
5962-0256401HUA	C	03/05/2013	1C	INTER. RECT.2		Y AFL5012DW/CH		594
5962-0256401HUC	C	03/05/2013	1C	INTER. RECT.2		Y AFL5012DW/CH		594
5962-0256401HXA	C	03/05/2013	1C	INTER. RECT.2		Y AFL5012DX/CH		594
5962-0256401HXC	C	03/05/2013	1C	INTER. RECT.2		Y AFL5012DX/CH		594
5962-0256401HYA	C	03/05/2013	1C	INTER. RECT.2		Y AFL5012DY/CH		594
5962-0256401HYC	C	03/05/2013	1C	INTER. RECT.2		Y AFL5012DY/CH		594
5962-0256401HZA	C	03/05/2013	1C	INTER. RECT.2		Y AFL5012DZ/CH		594
5962-0256401HZA	C	03/05/2013	1C	INTER. RECT.2		Y AFL5012DZ/CH		594
5962-0256401HZA	C	03/05/2013	1C	INTER. RECT.2		Y AFL5012DZ/CH		594
5962-0256501HUA	C	03/05/2013	1C	INTER. RECT.2		Y AFL5015DW/CH		594

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5962-0256501HUC	C	03/05/2013	1C	INTER. RECT.2		Y AFL5015DW/CH		594
5962-0256501HXA	C	03/05/2013	1C	INTER. RECT.2		Y AFL5015DX/CH		594
5962-0256501HXC	C	03/05/2013	1C	INTER. RECT.2		Y AFL5015DX/CH		594
5962-0256501HYA	C	03/05/2013	1C	INTER. RECT.2		Y AFL5015DY/CH		594
5962-0256501HYC	C	03/05/2013	1C	INTER. RECT.2		Y AFL5015DY/CH		594
5962-0256501HZA	C	03/05/2013	1C	INTER. RECT.2		Y AFL5015DZ/CH		594
5962-0256501HZC	C	03/05/2013	1C	INTER. RECT.2		Y AFL5015DZ/CH		594
5962-02A0101QXC		01/23/2002		(NONE)		9863-027 (GEN)		365
5962-02A0201QXC		04/04/2002		(NONE)		T7906E (GEN)		365
5962-02A0201VXC		04/04/2002		(NONE)		T7906E (GEN)		365
5962-02A0301QXA		12/06/2001		(NONE)		06583-011 (GEN)		365
5962-02A0401QXA		12/06/2001		(NONE)		06583-014 (GEN)		365
5962-02A0501QXA		12/06/2001		(NONE)		08785-001 (GEN)		365
5962-02A0601QXC		01/07/2002		(NONE)	12/31/2010	06817-539 (GEN)		365
5962-02A0701QXC		06/24/2002	2	ATMEL NANTES		Y TSS902EAMQ		365
5962-02A0701VXC		06/24/2002	2	ATMEL NANTES		Y TSS902EASV		365
5962-02A0901QXC	A	06/04/2007		(NONE)		T7905E (GEN)		365
5962-02A0901VXC	A	06/04/2007		(NONE)		T7905E (GEN)		365
5962-02A1001QXC	A	02/24/2014		(NONE)		15022-517 (GEN)		365
5962-02B0101QXC		08/27/2002		(NONE)		MG2044E (GEN)		365
5962-02B0101VXC		08/27/2002		(NONE)		MG2044E (GEN)		365
5962F0320101VXA	D	04/10/2018	3	STMICRO		Y RHFL4913KP30-02V		782
5962F0320101VXC	D	04/10/2018	3	STMICRO		Y RHFL4913KP30-01V		782
5962F0320102VUA	D	04/10/2018	3	STMICRO		Y RHFL4913S30-08V		782
5962F0320102VUC	D	04/10/2018	3	STMICRO		Y RHFL4913S30-07V		782
5962F0320102VYA	D	04/10/2018	3	STMICRO		Y RHFL4913S30-04V		782
5962F0320102VYC	D	04/10/2018	3	STMICRO		Y RHFL4913S30-03V		782
5962F0320102VZA	D	04/10/2018	3	STMICRO		Y RHFL4913ESY3006V		782
5962F0320102VZC	D	04/10/2018	3	STMICRO		Y RHFL4913ESY3005V		782
5962-0320201QXA	B	07/25/2016		(NONE)		82S181-50 (GEN)		664
5962-0320301Q3A	b	08/01/2016		(NONE)		82S191-65 (GEN)		669
5962-0320301QJA	b	08/01/2016		(NONE)		82S191-65 (GEN)		669
5962-0320301QKA	b	08/01/2016		(NONE)		82S191-65 (GEN)		669
5962-0320301QLA	b	08/01/2016		(NONE)		82S191-65 (GEN)		669
5962-0320301QXA	b	08/01/2016		(NONE)		82S191-65 (GEN)		669
5962-0320302Q3A	b	08/01/2016		(NONE)		82S191-50 (GEN)		669
5962-0320302QJA	b	08/01/2016		(NONE)		82S191-50 (GEN)		669
5962-0320302QKA	b	08/01/2016		(NONE)		82S191-50 (GEN)		669
5962-0320302QLA	b	08/01/2016		(NONE)		82S191-50 (GEN)		669
5962-0320302QXA	b	08/01/2016		(NONE)		82S191-50 (GEN)		669
5962-0321801KXA	G	11/13/2018	1	INTER. RECT.2		Y M3GB2803R3S/CK		594
5962-0321801KXC	G	11/13/2018	1	INTER. RECT.2		Y M3GB2803R3S/CK		594
5962L0321801KXA	G	11/13/2018	2	INTER. RECT.2		Y M3GB2803R3S/CKL		594
5962L0321801KXC	G	11/13/2018	2	INTER. RECT.2		Y M3GB2803R3S/CKL		594
5962R0321801KXA	G	11/13/2018	2	INTER. RECT.2		Y M3GB2803R3S/CKR		594
5962R0321801KXC	G	11/13/2018	2	INTER. RECT.2		Y M3GB2803R3S/CKR		594
5962-0321901KXA	E	07/17/2018	1	INTER. RECT.2		Y M3GB2805S/CK		594
5962-0321901KXC	E	07/17/2018	1	INTER. RECT.2		Y M3GB2805S/CK		594
5962L0321901KXA	E	07/17/2018	1	INTER. RECT.2		Y M3GB2805S/CK		594

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5962L0321901KXC	E	07/17/2018	1	INTER. RECT.2		Y M3GB2805S/CK		594
5962R0321901KXA	E	07/17/2018	1	INTER. RECT.2		Y M3GB2805S/CK		594
5962R0321901KXC	E	07/17/2018	1	INTER. RECT.2		Y M3GB2805S/CK		594
5962-0322001KXA	C	10/11/2016	1	INTER. RECT.2		Y M3G2805R2S/CK		594
5962-0322001KXC	C	10/11/2016	1	INTER. RECT.2		Y M3G2805R2S/CK		594
5962-0322101KXA	C	10/11/2016	1	INTER. RECT.2		Y M3G2812S/CK		594
5962-0322101KXC	C	10/11/2016	1	INTER. RECT.2		Y M3G2812S/CK		594
5962-0322201KXA	C	02/17/2015	1	INTER. RECT.2		Y M3G2815S/CK		594
5962-0322201KXC	C	02/17/2015	1	INTER. RECT.2		Y M3G2815S/CK		594
5962-0322301KXA	C	05/27/2015	3B	INTER. RECT.2		Y M3G2805D/CK		594
5962-0322301KXC	C	05/27/2015	3B	INTER. RECT.2		Y M3G2805D/CK		594
5962-0322302KXA	C	05/27/2015	3B	INTER. RECT.2		Y M3G2807D/CK		594
5962-0322302KXC	C	05/27/2015	3B	INTER. RECT.2		Y M3G2807D/CK		594
5962-0322401KXA	A	02/20/2018	1B	INTER. RECT.2		Y M3G2812D/CKA		594
5962-0322401KXC	A	02/20/2018	1B	INTER. RECT.2		Y M3G2812D/CKC		594
5962-0322601KXA	C	07/18/2016	1	INTER. RECT.2		Y M3G280512T/CK		594
5962-0322601KXC	C	07/18/2016	1	INTER. RECT.2		Y M3G280512T/CK		594
5962-0322701KXA	G	11/14/2018	2	INTER. RECT.2		Y M3GB280515T/CK		594
5962-0322701KXC	G	11/14/2018	2	INTER. RECT.2		Y M3GB280515T/CK		594
5962L0322701KXA	G	11/14/2018	2	INTER. RECT.2		Y M3GB280515T/CK		594
5962L0322701KXC	G	11/14/2018	2	INTER. RECT.2		Y M3GB280515T/CK		594
5962R0322701KXA	G	11/14/2018	2	INTER. RECT.2		Y M3GB280515T/CK		594
5962R0322701KXC	G	11/14/2018	2	INTER. RECT.2		Y M3GB280515T/CK		594
5962-0323201HXC	C	12/11/2012	1	ANAREN		Y MSK5275-1.5H		782
5962-0323202HXC	C	12/11/2012	1	ANAREN		Y MSK5275-1.7H		782
5962-0323203HXC	C	12/11/2012	1	ANAREN		Y MSK5275-1.8H		782
5962-0323204HXC	C	12/11/2012	1	ANAREN		Y MSK5275-1.9H		782
5962-0323205HXC	C	12/11/2012	1	ANAREN		Y MSK5275-2.5H		782
5962-0323206HXC	C	12/11/2012	1	ANAREN		Y MSK5275-3.3H		782
5962-0323207HXC	C	12/11/2012	1	ANAREN		Y MSK5275-3.4H		782
5962-0323208HXC	C	12/11/2012	1	ANAREN		Y MSK5275-5.0H		782
5962-0323209HXC	C	12/11/2012	1	ANAREN		Y MSK5275-12H		782
5962-0323210HXC	C	12/11/2012	1	ANAREN		Y MSK5275-2.0H		782
5962-0323401KXC	C	04/30/2013	1	AEROFLEX		Y ACT8502-S		199
5962F0323401KXC	C	04/30/2013	1	AEROFLEX		Y ACT8502-901-1S		199
5962-0323402KXC	C	04/30/2013	1	AEROFLEX		Y ACT8506-S		199
5962F0323402KXC	C	04/30/2013	1	AEROFLEX		Y ACT8506-901-1S		199
5962-0323403KXC	C	04/30/2013	1	AEROFLEX		Y ACT8503-S		199
5962F0323403KXC	C	04/30/2013	1	AEROFLEX		Y ACT8503-901-1S		199
5962F0323501QUA	C	01/19/2017	2	COBHAM		Y UT8R512K8-15UCA		629
5962F0323501QUC	C	01/19/2017	2	COBHAM		Y UT8R512K8-15UCC		629
5962F0323501VUA	C	01/19/2017	2	COBHAM		Y UT8R512K8-15UCA		629
5962F0323501VUC	C	01/19/2017	2	COBHAM		Y UT8R512K8-15UCC		629
5962F0323502QUA	C	01/19/2017	2	COBHAM		Y UT8R512K8-15UWA		629
5962F0323502QUC	C	01/19/2017	2	COBHAM		Y UT8R512K8-15UWC		629
5962F0323502VUA	C	01/19/2017	2	COBHAM		Y UT8R512K8-15UWA		629
5962F0323502VUC	C	01/19/2017	2	COBHAM		Y UT8R512K8-15UWC		629
5962F0323601QXA	D	10/12/2016	2	COBHAM		Y UT8R128K32-15WCA		629
5962F0323601QXC	D	10/12/2016	2	COBHAM		Y UT8R128K32-15WCC		629



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5962F0323601VXA	D	10/12/2016	2	COBHAM		Y UT8R128K32-15WCA		629
5962F0323601VXC	D	10/12/2016	2	COBHAM		Y UT8R128K32-15WCC		629
5962F0323602QXA	D	10/12/2016	2	COBHAM		Y UT8R128K32-15WWA		629
5962F0323602QXC	D	10/12/2016	2	COBHAM		Y UT8R128K32-15WWC		629
5962F0323602VXA	D	10/12/2016	2	COBHAM		Y UT8R128K32-15WWA		629
5962F0323602VXC	D	10/12/2016	2	COBHAM		Y UT8R128K32-15WWC		629
5962-0323701MXA	B	02/02/2012		(NONE)		OM7580 (GEN)		780
5962-0323701MYA	B	02/02/2012		(NONE)		OM7580 (GEN)		780
5962-0323702MXA	B	02/02/2012		(NONE)		OM7581 (GEN)		780
5962-0323702MZA	B	02/02/2012		(NONE)		OM7581 (GEN)		780
5962-0323703MMA	B	02/02/2012		(NONE)		OM7585 (GEN)		780
5962-0323703MTA	B	02/02/2012		(NONE)		OM7585 (GEN)		780
5962-0323703MUA	B	02/02/2012		(NONE)		OM7585 (GEN)		780
5962-0323801MXA	C	11/15/2017	1	MICROSS		Y MTLT1764AQM		780
5962-0323801MYA	C	11/15/2017		(NONE)		OM7764 (GEN)		780
5962-0324101HXA	D	10/11/2017	3B	VPT		Y DVSA283R3S/H-E		594
5962-0324101HXC	D	10/11/2017	3B	VPT		Y DVSA283R3S/H		594
5962-0324101KXA	D	10/11/2017	3B	VPT		Y DVSA283R3S/K-E		594
5962-0324101KXC	D	10/11/2017	3B	VPT		Y DVSA283R3S/K		594
5962-0324102HXA	D	10/11/2017	3B	VPT		Y DVSA2805S/H-E		594
5962-0324102HXC	D	10/11/2017	3B	VPT		Y DVSA2805S/H		594
5962-0324102KXA	D	10/11/2017	3B	VPT		Y DVSA2805S/K-E		594
5962-0324102KXC	D	10/11/2017	3B	VPT		Y DVSA2805S/K		594
5962-0324103HXA	D	10/11/2017	3B	VPT		Y DVSA285R2S/H-E		594
5962-0324103HXC	D	10/11/2017	3B	VPT		Y DVSA285R2S/H		594
5962-0324103KXA	D	10/11/2017	3B	VPT		Y DVSA285R2S/K-E		594
5962-0324103KXC	D	10/11/2017	3B	VPT		Y DVSA285R2S/K		594
5962-0324104HXA	D	10/11/2017	3B	VPT		Y DVSA2812S/H-E		594
5962-0324104HXC	D	10/11/2017	3B	VPT		Y DVSA2812S/H		594
5962-0324104KXA	D	10/11/2017	3B	VPT		Y DVSA2812S/K-E		594
5962-0324104KXC	D	10/11/2017	3B	VPT		Y DVSA2812S/K		594
5962-0324105HXA	D	10/11/2017	3B	VPT		Y DVSA2815S/H-E		594
5962-0324105HXC	D	10/11/2017	3B	VPT		Y DVSA2815S/H		594
5962-0324105KXA	D	10/11/2017	3B	VPT		Y DVSA2815S/K-E		594
5962-0324105KXC	D	10/11/2017	3B	VPT		Y DVSA2815S/K		594
5962-0324201HXA	D	06/23/2015	3B	VPT		Y DVSA2805D/H-E		594
5962-0324201HXC	D	06/23/2015	3B	VPT		Y DVSA2805D/H		594
5962-0324201KXA	D	06/23/2015	3B	VPT		Y DVSA2805D/K-E		594
5962-0324201KXC	D	06/23/2015	3B	VPT		Y DVSA2805D/K		594
5962-0324201KYA	D	06/23/2015	2	VPT		Y DVSA2805DF/K-E		594
5962-0324201KYC	D	06/23/2015	2	VPT		Y DVSA2805DF/K		594
5962-0324202HXA	D	06/23/2015	3B	VPT		Y DVSA2812D/H-E		594
5962-0324202HXC	D	06/23/2015	3B	VPT		Y DVSA2812D/H		594
5962-0324202KXA	D	06/23/2015	3B	VPT		Y DVSA2812D/K-E		594
5962-0324202KXC	D	06/23/2015	3B	VPT		Y DVSA2812D/K		594
5962-0324202KYA	D	06/23/2015	2	VPT		Y DVSA2812DF/K-E		594
5962-0324202KYC	D	06/23/2015	2	VPT		Y DVSA2812DF/K		594
5962-0324203HXA	D	06/23/2015	3B	VPT		Y DVSA2815D/H-E		594
5962-0324203HXC	D	06/23/2015	3B	VPT		Y DVSA2815D/H		594

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

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5962-0324203KXA	D	06/23/2015	3B	VPT		Y DVSA2815D/K-E		594
5962-0324203KXC	D	06/23/2015	3B	VPT		Y DVSA2815D/K		594
5962-0324203KYA	D	06/23/2015	2	VPT		Y DVSA2815DF/K-E		594
5962-0324203KYC	D	06/23/2015	2	VPT		Y DVSA2815DF/K		594
5962-0324204HXA	D	06/23/2015	3B	VPT		Y DVSA2807D/H-E		594
5962-0324204HXC	D	06/23/2015	3B	VPT		Y DVSA2807D/H		594
5962-0324204KXA	D	06/23/2015	3B	VPT		Y DVSA2807D/K-E		594
5962-0324204KXC	D	06/23/2015	3B	VPT		Y DVSA2807D/K		594
5962-0324301HXA	G	06/30/2015	2	VPT		Y DVHF283R3S/H-E		594
5962-0324301HXC	G	06/30/2015	2	VPT		Y DVHF283R3S/H		594
5962-0324301KXA	G	06/30/2015	2	VPT		Y DVHF283R3S/K-E		594
5962-0324301KXC	G	06/30/2015	2	VPT		Y DVHF283R3S/K		594
5962-0324301HYA	G	06/30/2015	2	VPT		Y DVHF283R3SF/H-E		594
5962-0324301HYC	G	06/30/2015	2	VPT		Y DVHF283R3SF/H		594
5962-0324301KYA	G	06/30/2015	2	VPT		Y DVHF283R3SF/K-E		594
5962-0324301KYC	G	06/30/2015	2	VPT		Y DVHF283R3SF/K		594
5962-0324302HXA	G	06/30/2015	2	VPT		Y DVHF2805S/H-E		594
5962-0324302HXC	G	06/30/2015	2	VPT		Y DVHF2805S/H		594
5962-0324302KXA	G	06/30/2015	2	VPT		Y DVHF2805S/K-E		594
5962-0324302KXC	G	06/30/2015	2	VPT		Y DVHF2805S/K		594
5962-0324302HYA	G	06/30/2015	2	VPT		Y DVHF2805SF/H-E		594
5962-0324302HYC	G	06/30/2015	2	VPT		Y DVHF2805SF/H		594
5962-0324302KYA	G	06/30/2015	2	VPT		Y DVHF2805SF/K-E		594
5962-0324302KYC	G	06/30/2015	2	VPT		Y DVHF2805SF/K		594
5962-0324303HXA	G	06/30/2015	2	VPT		Y DVHF285R2S/H-E		594
5962-0324303HXC	G	06/30/2015	2	VPT		Y DVHF285R2S/H		594
5962-0324303KXA	G	06/30/2015	2	VPT		Y DVHF285R2S/K-E		594
5962-0324303KXC	G	06/30/2015	2	VPT		Y DVHF285R2S/K		594
5962-0324303HYA	G	06/30/2015	2	VPT		Y DVHF285R2SF/H-E		594
5962-0324303HYC	G	06/30/2015	2	VPT		Y DVHF285R2SF/H		594
5962-0324303KYA	G	06/30/2015	2	VPT		Y DVHF285R2SF/K-E		594
5962-0324303KYC	G	06/30/2015	2	VPT		Y DVHF285R2SF/K		594
5962-0324304HXA	G	06/30/2015	2	VPT		Y DVHF2812S/H-E		594
5962-0324304HXC	G	06/30/2015	2	VPT		Y DVHF2812S/H		594
5962-0324304KXA	G	06/30/2015	2	VPT		Y DVHF2812S/K-E		594
5962-0324304KXC	G	06/30/2015	2	VPT		Y DVHF2812S/K		594
5962-0324304HYA	G	06/30/2015	2	VPT		Y DVHF2812SF/H-E		594
5962-0324304HYC	G	06/30/2015	2	VPT		Y DVHF2812SF/H		594
5962-0324304KYA	G	06/30/2015	2	VPT		Y DVHF2812SF/K-E		594
5962-0324304KYC	G	06/30/2015	2	VPT		Y DVHF2812SF/K		594
5962-0324305HXA	G	06/30/2015	2	VPT		Y DVHF2815S/H-E		594
5962-0324305HXC	G	06/30/2015	2	VPT		Y DVHF2815S/H		594
5962-0324305KXA	G	06/30/2015	2	VPT		Y DVHF2815S/K-E		594
5962-0324305KXC	G	06/30/2015	2	VPT		Y DVHF2815S/K		594
5962-0324305HYA	G	06/30/2015	2	VPT		Y DVHF2815SF/H-E		594
5962-0324305HYC	G	06/30/2015	2	VPT		Y DVHF2815SF/H		594
5962-0324305KYA	G	06/30/2015	2	VPT		Y DVHF2815SF/K-E		594
5962-0324305KYC	G	06/30/2015	2	VPT		Y DVHF2815SF/K		594
5962-0324306HXA	G	06/30/2015	2	VPT		Y DVHF281R9S/H-E		594

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5962-0324306HXC	G	06/30/2015	2	VPT		Y DVHF281R9S/H		594
5962-0324306KXA	G	06/30/2015	2	VPT		Y DVHF281R9S/K-E		594
5962-0324306KXC	G	06/30/2015	2	VPT		Y DVHF281R9S/K		594
5962-0324306HYA	G	06/30/2015	2	VPT		Y DVHF281R9F/H-E		594
5962-0324306HYC	G	06/30/2015	2	VPT		Y DVHF281R9F/H		594
5962-0324306KYA	G	06/30/2015	2	VPT		Y DVHF281R9SF/K-E		594
5962-0324306KYC	G	06/30/2015	2	VPT		Y DVHF281R9SF/K		594
5962-0324307HXA	G	06/30/2015	2	VPT		Y DVHF2828S/H-E		594
5962-0324307HXC	G	06/30/2015	2	VPT		Y DVHF2828S/H		594
5962-0324307KXA	G	06/30/2015	2	VPT		Y DVHF2828S/K-E		594
5962-0324307KXC	G	06/30/2015	2	VPT		Y DVHF2828S/K		594
5962-0324307HYA	G	06/30/2015	2	VPT		Y DVHF2828SF/H-E		594
5962-0324307HYC	G	06/30/2015	2	VPT		Y DVHF2828SF/H		594
5962-0324307KYA	G	06/30/2015	2	VPT		Y DVHF2828SF/K-E		594
5962-0324307KYC	G	06/30/2015	2	VPT		Y DVHF2828SF/K		594
5962-0324308HXA	G	06/30/2015	2	VPT		Y DVHF285R7S/H-E		594
5962-0324308HXC	G	06/30/2015	2	VPT		Y DVHF285R7S/H		594
5962-0324308KXA	G	06/30/2015	2	VPT		Y DVHF285R7S/K-E		594
5962-0324308KXC	G	06/30/2015	2	VPT		Y DVHF285R7S/K		594
5962-0324308HYA	G	06/30/2015	2	VPT		Y DVHF285R7SF/H-E		594
5962-0324308HYC	G	06/30/2015	2	VPT		Y DVHF285R7SF/H		594
5962-0324308KYA	G	06/30/2015	2	VPT		Y DVHF285R7SF/K-E		594
5962-0324308KYC	G	06/30/2015	2	VPT		Y DVHF285R7SF/K		594
5962-0324309HXA	G	06/30/2015	2	VPT		Y DVHF2818S/H-E		594
5962-0324309HXC	G	06/30/2015	2	VPT		Y DVHF2818S/H		594
5962-0324309KXA	G	06/30/2015	2	VPT		Y DVHF2818S/K-E		594
5962-0324309KXC	G	06/30/2015	2	VPT		Y DVHF2818S/K		594
5962-0324309HYA	G	06/30/2015	2	VPT		Y DVHF28518F/H-E		594
5962-0324309HYC	G	06/30/2015	2	VPT		Y DVHF28518F/H		594
5962-0324309KYA	G	06/30/2015	2	VPT		Y DVHF28518F/K-E		594
5962-0324309KYC	G	06/30/2015	2	VPT		Y DVHF28518F/K		594
5962-0324401HXA	D	10/31/2013	2	VPT		Y DVHF2805D/H-E		594
5962-0324401HXC	D	10/31/2013	2	VPT		Y DVHF2805D/H		594
5962-0324401KXA	D	10/31/2013	2	VPT		Y DVHF2805D/K-E		594
5962-0324401KXC	D	10/31/2013	2	VPT		Y DVHF2805D/K		594
5962-0324401HYA	D	10/31/2013	2	VPT		Y DVHF2805DF/H-E		594
5962-0324401HYC	D	10/31/2013	2	VPT		Y DVHF2805DF/H		594
5962-0324401KYA	D	10/31/2013	2	VPT		Y DVHF2805DF/K-E		594
5962-0324401KYC	D	10/31/2013	2	VPT		Y DVHF2805DF/K		594
5962-0324402HXA	D	10/31/2013	2	VPT		Y DVHF2812D/H-E		594
5962-0324402HXC	D	10/31/2013	2	VPT		Y DVHF2812D/H		594
5962-0324402KXA	D	10/31/2013	2	VPT		Y DVHF2812D/K-E		594
5962-0324402KXC	D	10/31/2013	2	VPT		Y DVHF2812D/K		594
5962-0324402HYA	D	10/31/2013	2	VPT		Y DVHF2812DF/H-E		594
5962-0324402HYC	D	10/31/2013	2	VPT		Y DVHF2812DF/H		594
5962-0324402KYA	D	10/31/2013	2	VPT		Y DVHF2812DF/K-E		594
5962-0324402KYC	D	10/31/2013	2	VPT		Y DVHF2812DF/K		594
5962-0324403HXA	D	10/31/2013	2	VPT		Y DVHF2815D/H-E		594
5962-0324403HXC	D	10/31/2013	2	VPT		Y DVHF2815D/H		594

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5962-0324403KXA	D	10/31/2013	2	VPT		Y DVHF2815D/K-E		594
5962-0324403KXC	D	10/31/2013	2	VPT		Y DVHF2815D/K		594
5962-0324403HYA	D	10/31/2013	2	VPT		Y DVHF2815DF/H-E		594
5962-0324403HYC	D	10/31/2013	2	VPT		Y DVHF2815DF/H		594
5962-0324403KYA	D	10/31/2013	2	VPT		Y DVHF2815DF/K-E		594
5962-0324403KYC	D	10/31/2013	2	VPT		Y DVHF2815DF/K		594
5962-0324501QXA	C	07/17/2018	2	TI		Y SMJ320C6415DGADW60		432
5962-0324601Q9A	B	10/10/2007	2	ATMEL NANTES		Y TSC695FL-15MBMQ		439
5962-0324601V9A	B	10/10/2007	2	ATMEL NANTES		Y TSC695FL-15SBSV		439
5962-0324601QXC	B	10/10/2007	2	ATMEL NANTES		Y TSC695FL-15MAMQ		439
5962-0324601VXC	B	10/10/2007	2	ATMEL NANTES		Y TSC695FL-15SASV		439
5962R0324601VXC	B	10/10/2007	2	ATMEL NANTES		Y TSC695FL-15SASR		439
5962-0324701HXA	D	06/19/2018	1	MICROPAC		Y 53252-117		460
5962-0324701HXC	D	06/19/2018	1	MICROPAC		Y 53252-118		460
5962-0324701HYA	D	06/19/2018	1	MICROPAC		Y 53252-107		460
5962-0324701HYC	D	06/19/2018	1	MICROPAC		Y 53252-108		460
5962-0324701HZA	D	06/19/2018	1	MICROPAC		Y 53252-127		460
5962-0324701HZC	D	06/19/2018	1	MICROPAC		Y 53252-128		460
5962F0324801V9A	A	11/05/2015	1	RENESAS		Y ISL74422BRHVX		555
5962F0324801QXC	A	11/05/2015	1	RENESAS		Y ISL74422BRHQF		555
5962F0324801VXC	A	11/05/2015	1	RENESAS		Y ISL74422BRHVF		555
5962-0324901QCA	A	02/02/2012		(NONE)	12/01/2009	LMH6722 (GEN)		713
5962-0324901QZA	A	02/02/2012		(NONE)	12/01/2009	LMH6722 (GEN)		713
5962-0325001QXC	C	02/02/2015	3	ATMEL NANTES	02/01/2019	Y AT40KEL040KW1MQ		381
5962-0325001VXC	C	02/02/2015	3	ATMEL NANTES	02/01/2019	Y AT40KEL040KW1SV		381
5962-0325001QYC	C	02/02/2015	3	ATMEL NANTES	02/01/2019	Y AT40KEL040KZ1MQ		381
5962-0325001VYC	C	02/02/2015	3	ATMEL NANTES	02/01/2019	Y AT40KEL040KZ1SV		381
5962-0325002QXC	C	02/02/2015	3	ATMEL NANTES	02/01/2019	Y AT40KFL040KW1MQ		381
5962-0325002VXC	C	02/02/2015	3	ATMEL NANTES	02/01/2019	Y AT40KFL040KW1SV		381
5962-0325002QYC	C	02/02/2015	3	ATMEL NANTES	02/01/2019	Y AT40KFL040KZ1MQ		381
5962-0325002VYC	C	02/02/2015	3	ATMEL NANTES	02/01/2019	Y AT40KFL040KZ1SV		381
5962-0325101HXA	B	06/19/2018	1	DDC		Y RDC-19220-143		594
5962-0325101HXC	B	06/19/2018	1	DDC		Y RDC-19220-113		594
5962-0325102HYA	B	06/19/2018	1	DDC		Y RDC-19222-143		594
5962-0325102HYC	B	06/19/2018	1	DDC		Y RDC-19222-113		594
5962-0325103HXA	B	06/19/2018	1	DDC		Y RDC-19220S-143		594
5962-0325103HXC	B	06/19/2018	1	DDC		Y RDC-19220S-113		594
5962-0325104HYA	B	06/19/2018	1	DDC		Y RDC-19222S-143		594
5962-0325104HYC	B	06/19/2018	1	DDC		Y RDC-19222S-113		594
5962-0325301HXA	C	06/19/2018	3B	CRANE		Y MHF+285R2S/883		594
5962-0325301HXC	C	06/19/2018	3B	CRANE		Y MHF+285R2S/883		594
5962-0325301HZA	C	06/19/2018	3B	CRANE		Y MHF+285R2SF/883		594
5962-0325301HZC	C	06/19/2018	3B	CRANE		Y MHF+285R2SF/883		594
5962-03A0101NXC		06/03/2004		(NONE)	12/31/2010	13925-001 (GEN)		365
5962-03A0201NXA	A	02/24/2014		(NONE)		14050-501 (GEN)		365
5962-03A0301NXC	C	05/06/2014		(NONE)		11788-001 (GEN)		365
5962-03A0302NXC	C	05/06/2014	1	ON SEMI.		Y 11788-444		365
5962-03A0401QQC	A	03/07/2003		(NONE)		15004-022 (GEN)		365
5962-03A0501NXA	A	02/04/2019	1	ON SEMI.		Y 14174-501		365

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5962-03A0601QXC	A	03/06/2007		(NONE)			AT7908E (GEN)	365
5962-03A0601VXC	A	03/06/2007		(NONE)			AT7908E (GEN)	365
5962-03B0101QXC	E	11/14/2013		(NONE)			MG2RTPL (GEN)	381
5962-03B0102QXC	E	11/14/2013		(NONE)			MG2RTPL (GEN)	381
5962-03B0103Q5C	E	11/14/2013	3	ATMEL NANTES		Y	MMKC-G2044PHxxxMQ	381
5962-03B0103V5C	E	11/14/2013	3	ATMEL NANTES		Y	SMKC-G2044PHxxxSV	381
5962R03B0103V5C	E	11/14/2013	3	ATMEL NANTES		Y	SMKC-G2044PHxxxSR	381
5962-03B0103QXC	E	11/14/2013	3	ATMEL NANTES		Y	MMKU-MG2044PHxxxMQ	381
5962-03B0103VXC	E	11/14/2013	3	ATMEL NANTES		Y	SMKU-MG2044PHxxxSV	381
5962R03B0103VXC	E	11/14/2013	3	ATMEL NANTES		Y	SMKU-MG2044PHxxxSR	381
5962-03B0103QYC	E	11/14/2013	3	ATMEL NANTES		Y	MMKN-MG2044PHxxxMQ	381
5962-03B0103VYC	E	11/14/2013	3	ATMEL NANTES		Y	SMKN-MG2044PHxxxSV	381
5962R03B0103VYC	E	11/14/2013	3	ATMEL NANTES		Y	SMKN-MG2044PHxxxSR	381
5962-03B0103QZC	E	11/14/2013	3	ATMEL NANTES		Y	MMKW-G2044PHxxxMQ	381
5962-03B0103VZC	E	11/14/2013	3	ATMEL NANTES		Y	SMKW-G2044PHxxxSV	381
5962R03B0103VZC	E	11/14/2013	3	ATMEL NANTES		Y	SMKW-G2044PHxxxSR	381
5962-03B0104QYC	E	11/14/2013	3	ATMEL NANTES		Y	MMKN-G2142PHxxxMQ	381
5962-03B0104VYC	E	11/14/2013	3	ATMEL NANTES		Y	SMKN-G2142PHxxxSV	381
5962R03B0104VYC	E	11/14/2013	3	ATMEL NANTES		Y	SMKN-G2142PHxxxSR	381
5962-03B0104QZC	E	11/14/2013	3	ATMEL NANTES		Y	MMKW-G2142PHxxxMQ	381
5962-03B0104VZC	E	11/14/2013	3	ATMEL NANTES		Y	SMKW-G2142PHxxxSV	381
5962R03B0104VZC	E	11/14/2013	3	ATMEL NANTES		Y	SMKW-G2142PHxxxSR	381
5962-03B0105QUC	E	11/14/2013	3	ATMEL NANTES		Y	MM2E-G2270PHxxxMQ	381
5962-03B0105VUC	E	11/14/2013	3	ATMEL NANTES		Y	SM2E-G2270PHxxxSV	381
5962R03B0105VUC	E	11/14/2013	3	ATMEL NANTES		Y	SM2E-G2270PHxxxSR	381
5962-03B0105QYC	E	11/14/2013	3	ATMEL NANTES		Y	MMKN-G2270PHxxxMQ	381
5962-03B0105VYC	E	11/14/2013	3	ATMEL NANTES		Y	SMKN-G2270PHxxxSV	381
5962R03B0105VYC	E	11/14/2013	3	ATMEL NANTES		Y	SMKN-G2270PHxxxSR	381
5962-03B0105QZC	E	11/14/2013	3	ATMEL NANTES		Y	MMKW-G2270PHxxxMQ	381
5962-03B0105VZC	E	11/14/2013	3	ATMEL NANTES		Y	SMKW-G2270PHxxxSV	381
5962R03B0105VZC	E	11/14/2013	3	ATMEL NANTES		Y	SMKW-G2270PHxxxSR	381
5962-03B0106Q4C	E	11/14/2013	3	ATMEL NANTES		Y	MMYD-G2256AHxxxMQ	381
5962-03B0106V4C	E	11/14/2013	3	ATMEL NANTES		Y	SMYD-G2256AHxxxSQ	381
5962R03B0106V4C	E	11/14/2013	3	ATMEL NANTES		Y	SMYD-G2256AHxxxSR	381
5962-03B0106QMC	E	11/14/2013	3	ATMEL NANTES		Y	MMYY-G2256AHxxxMQ	381
5962-03B0106VMC	E	11/14/2013	3	ATMEL NANTES		Y	SMYY-G2256AHxxxSV	381
5962R03B0106VMC	E	11/14/2013	3	ATMEL NANTES		Y	SMYY-G2256AHxxxSR	381
5962-03B0106QNC	E	11/14/2013	3	ATMEL NANTES		Y	MMYE-G2256AHxxxMQ	381
5962-03B0106VNC	E	11/14/2013	3	ATMEL NANTES		Y	SMYE-G2256AHxxxSV	381
5962R03B0106VNC	E	11/14/2013	3	ATMEL NANTES		Y	SMYE-G2256AHxxxSR	381
5962-03B0106QTC	E	11/14/2013	3	ATMEL NANTES		Y	MMYZ-G2256AHxxxMQ	381
5962-03B0106VTC	E	11/14/2013	3	ATMEL NANTES		Y	SMYZ-G2256AHxxxSV	381
5962R03B0106VTC	E	11/14/2013	3	ATMEL NANTES		Y	SMYZ-G2256AHxxxSR	381
5962H0420101Q9A	B	03/15/2017	1	COBHAM		Y	UT54LVDS032LVTQ9A	575
5962H0420101V9A	B	03/15/2017	1	COBHAM		Y	UT54LVDS032LVTV9A	575
5962H0420101QYA	B	03/15/2017	1	COBHAM		Y	UT54LVDS032LVTUCA	575
5962H0420101QYC	B	03/15/2017	1	COBHAM		Y	UT54LVDS032LVTUCC	575
5962H0420101VYA	B	03/15/2017	1	COBHAM		Y	UT54LVDS032LVTUCA	575
5962H0420101VYC	B	03/15/2017	1	COBHAM		Y	UT54LVDS032LVTUCC	575



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5962R0420102Q9A	B	03/15/2017	1	COBHAM		Y UT54LVDS032LVTQ9A		575
5962R0420102V9A	B	03/15/2017	1	COBHAM		Y UT54LVDS032LVTV9A		575
5962R0420102QYA	B	03/15/2017	1	COBHAM		Y UT54LVDS032LVTUCA		575
5962R0420102QYC	B	03/15/2017	1	COBHAM		Y UT54LVDS032LVTUCC		575
5962R0420102VYA	B	03/15/2017	1	COBHAM		Y UT54LVDS032LVTUCA		575
5962R0420102VYC	B	03/15/2017	1	COBHAM		Y UT54LVDS032LVTUCC		575
5962-0420201QPA	A	02/02/2012		(NONE)	12/01/2009		LMH6714 (GEN)	739
5962-0420201QZA	A	02/02/2012		(NONE)			LMH6714 (GEN)	739
5962-0420301QPA		03/22/2004		(NONE)	12/01/2009		LMH6720 (GEN)	739
5962-0420301QZA		03/22/2004		(NONE)	12/01/2009		LMH6720 (GEN)	739
5962-0420401HPA	B	06/05/2017	1	AVAGO		Y HCPL-5121-200		460
5962-0420401HPC	B	06/05/2017	1	AVAGO		Y HCPL-5121		460
5962-0420401HXA	B	06/05/2017	1	AVAGO		Y HCPL-5121-300		460
5962-0420401HYA	B	06/05/2017	1	AVAGO		Y HCPL-5121-100		460
5962-0420401HYC	B	06/05/2017	1	AVAGO		Y HCPL-5121-100		460
5962-0420501HPA	B	06/05/2017	1	AVAGO		Y HCPL-5151-200		460
5962-0420501HPC	B	06/05/2017	1	AVAGO		Y HCPL-5151		460
5962-0420501HXA	B	06/05/2017	1	AVAGO		Y HCPL-5151-300		460
5962-0420501HYA	B	06/05/2017	1	AVAGO		Y HCPL-5151-100		460
5962-0420501HYC	B	06/05/2017	1	AVAGO		Y HCPL-5151-100		460
5962-0420801QXA	A	05/11/2004		(NONE)	12/03/2008		ADC117 (GEN)	592
5962-0421001QXA	B	11/21/2018		(NONE)			54AC16244 (GEN)	529
5962-0421001VXA	B	11/21/2018		(NONE)			54AC16244 (GEN)	529
5962F0421001QXA	B	11/21/2018	2	STMICRO		Y RHFAC16244K02Q		529
5962F0421001QXC	B	11/21/2018	2	STMICRO		Y RHFAC16244K01Q		529
5962F0421001VXA	B	11/21/2018	2	STMICRO		Y RHFAC16244K02V		529
5962F0421001VXC	B	11/21/2018	2	STMICRO		Y RHFAC16244K01V		529
5962F0421001VYA	B	11/21/2018	2	STMICRO		Y RHFAC16244K04V		529
5962F0421001VYC	B	11/21/2018	2	STMICRO		Y RHFAC16244K03V		529
5962-0421101QXA	B	06/12/2018		(NONE)			54AC16245 (GEN)	590
5962-0421101VXA	B	06/12/2018		(NONE)			54AC16245 (GEN)	590
5962F0421101QXA	B	06/12/2018	2	STMICRO		Y RHFAC16245K02Q		590
5962F0421101QXC	B	06/12/2018	2	STMICRO		Y RHFAC16245K01Q		590
5962F0421101VXA	B	06/12/2018	2	STMICRO		Y RHFAC16245K02V		590
5962F0421101VXC	B	06/12/2018	2	STMICRO		Y RHFAC16245K01V		590
5962F0421101VYA	B	06/12/2018	2	STMICRO		Y RHFAC16245K04V		590
5962F0421101VYC	B	06/12/2018	2	STMICRO		Y RHFAC16245K03V		590
5962-0421201QXA	C	01/28/2019		(NONE)			54AC16373 (GEN)	342
5962-0421201VXA	C	01/28/2019		(NONE)			54AC16373 (GEN)	342
5962F0421201QXA	C	01/28/2019	2	STMICRO		Y RHFAC16373K02Q		342
5962F0421201QXC	C	01/28/2019	2	STMICRO		Y RHFAC16373K01Q		342
5962F0421201VXA	C	01/28/2019	2	STMICRO		Y RHFAC16373K02V		342
5962F0421201VXC	C	01/28/2019	2	STMICRO		Y RHFAC16373K01V		342
5962F0421201VYA	C	01/28/2019	2	STMICRO		Y RHFAC16373K04V		342
5962F0421201VYC	C	01/28/2019	2	STMICRO		Y RHFAC16373K03V		342
5962-0421301QXA	B	01/28/2019		(NONE)			54AC16374 (GEN)	159
5962-0421301VXA	B	01/28/2019		(NONE)			54AC16374 (GEN)	159
5962F0421301QXA	B	01/28/2019	2	STMICRO		Y RHFAC16374K02Q		159
5962F0421301QXC	B	01/28/2019	2	STMICRO		Y RHFAC16374K01Q		159



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5962F0421301VXA	B	01/28/2019	2	STMICRO		Y RHFAC16374K02V		159
5962F0421301VXC	B	01/28/2019	2	STMICRO		Y RHFAC16374K01V		159
5962F0421301VYA	B	01/28/2019	2	STMICRO		Y RHFAC16374K04V		159
5962F0421301VYC	B	01/28/2019	2	STMICRO		Y RHFAC16374K03V		159
5962-0421901QUA	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-CG624B		381
5962-0421901VUA	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-CG624V		381
5962-0421901QXC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-CQ352B		381
5962-0421901VXC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-CQ352V		381
5962-0421901QYC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-CQ208B		381
5962-0421901VYC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-CQ208V		381
5962-0421901QZC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-LG624B		381
5962-0421901VZC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-LG624V		381
5962-0421902QUA	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-1CG624B		381
5962-0421902VUA	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-1CG624V		381
5962-0421902QXC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-1CQ352B		381
5962-0421902VXC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-1CQ352V		381
5962-0421902QYC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-1CQ208B		381
5962-0421902VYC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-1CQ208V		381
5962-0421902QZC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-1LG624B		381
5962-0421902VZC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-1LG624V		381
5962-0421903QUA	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-CG624E		381
5962-0421903QXC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-CQ352E		381
5962-0421903QYC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-CQ208E		381
5962-0421903QZC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-LG624E		381
5962-0421904QUA	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-1CG624E		381
5962-0421904QXC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-1CQ352E		381
5962-0421904QYC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-1CQ208E		381
5962-0421904QZC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250S-1LG624E		381
5962-0421905QUA	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-CG624B		381
5962-0421905VUA	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-CG624V		381
5962-0421905QXC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-CQ352B		381
5962-0421905VXC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-CQ352V		381
5962-0421905QYC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-CQ208B		381
5962-0421905VYC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-CQ208V		381
5962-0421905QZC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-LG624B		381
5962-0421905VZC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-LG624V		381
5962-0421906QUA	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-1CG624B		381
5962-0421906VUA	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-1CG624V		381
5962-0421906QXC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-1CQ352B		381
5962-0421906VXC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-1CQ352V		381
5962-0421906QYC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-1CQ208B		381
5962-0421906VYC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-1CQ208V		381
5962-0421906QZC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-1LG624B		381
5962-0421906VZC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-1LG624V		381
5962-0421907QUA	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-CG624E		381
5962-0421907QXC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-CQ352E		381
5962-0421907QYC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-CQ208E		381
5962-0421907QZC	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-LG624E		381
5962-0421908QUA	F	08/15/2014	2	MICROSEMI (2)		Y RTAX250SL-1CG624E		381

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5962-0421908QXC	F	08/15/2014	2	MICROSEMI (2)		Y	RTAX250SL-1CQ352E	381
5962-0421908QYC	F	08/15/2014	2	MICROSEMI (2)		Y	RTAX250SL-1CQ208E	381
5962-0421908QZC	F	08/15/2014	2	MICROSEMI (2)		Y	RTAX250SL-1LG624E	381
5962-0422001QUA	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-CGS624B	381
5962-0422001VUA	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-CGS624V	381
5962-0422001QXC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-CQ352B	381
5962-0422001VXC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-CQ352V	381
5962-0422001QYC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-LG624B	381
5962-0422001VYC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-LG624V	381
5962-0422001QZA	D	03/09/2012		(NONE)	10/17/2008		RTAX1000S (GEN)	381
5962-0422002QUA	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-1CGS624B	381
5962-0422002VUA	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-1CGS624V	381
5962-0422002QXC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-1CQ352B	381
5962-0422002VXC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-1CQ352V	381
5962-0422002QYC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-1LG624B	381
5962-0422002VYC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-1LG624V	381
5962-0422002QZA	D	03/09/2012		(NONE)	10/17/2008		RTAX1000S-1 (GEN)	381
5962-0422003QUA	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-CGS624E	381
5962-0422003QXC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-CQ352E	381
5962-0422003QYC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-LG624E	381
5962-0422003QZA	D	03/09/2012		(NONE)	10/17/2008		RTAX1000S (GEN)	381
5962-0422004QUA	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-1CGS624E	381
5962-0422004QXC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-1CQ352E	381
5962-0422004QYC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000S-1LG624E	381
5962-0422004QZA	D	03/09/2012		(NONE)	10/17/2008		RTAX1000S-1 (GEN)	381
5962-0422005QUA	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-CGS624B	381
5962-0422005VUA	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-CGS624V	381
5962-0422005QXC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-CQ352B	381
5962-0422005VXC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-CQ352V	381
5962-0422005QYC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-LG624B	381
5962-0422005VYC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-LG624V	381
5962-0422006QUA	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-1CGS624B	381
5962-0422006VUA	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-1CGS624V	381
5962-0422006QXC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-1CQ352B	381
5962-0422006VXC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-1CQ352V	381
5962-0422006QYC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-1LG624B	381
5962-0422006VYC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-1LG624V	381
5962-0422007QUA	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-CGS624E	381
5962-0422007QXC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-CQ352E	381
5962-0422007QYC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-LG624E	381
5962-0422008QUA	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-1CGS624E	381
5962-0422008QXC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-1CQ352E	381
5962-0422008QYC	D	03/09/2012	2	MICROSEMI (2)		Y	RTAX1000SL-1LG624E	381
5962-0422101QMC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-LG1152B	381
5962-0422101VMC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-LG1152V	381
5962-0422101QNA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-CGS624B	381
5962-0422101VNA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-CGS624V	381
5962-0422101QTA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-CG1152B	381
5962-0422101VTA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-CG1152V	381

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5962-0422101QUC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-CQ256B	381
5962-0422101VUC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-CQ256V	381
5962-0422101QXC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-CQ352B	381
5962-0422101VXC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-CQ352V	381
5962-0422101QYC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-LG624B	381
5962-0422101VYC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-LG624V	381
5962-0422101QZA	H	10/14/2016		(NONE)	10/17/2008		RTAX2000S (GEN)	381
5962-0422102QMC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1LG1152B	381
5962-0422102VMC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1LG1152V	381
5962-0422102QNA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1CGS624B	381
5962-0422102VNA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1CGS624V	381
5962-0422102QTA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1CG1152B	381
5962-0422102VTA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1CG1152V	381
5962-0422102QUC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1CQ256B	381
5962-0422102VUC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1CQ256V	381
5962-0422102QXC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1CQ352B	381
5962-0422102VXC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1CQ352V	381
5962-0422102QYC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1LG624B	381
5962-0422102VYC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1LG624V	381
5962-0422102QZA	H	10/14/2016		(NONE)	10/17/2008		RTAX2000S-1 (GEN)	381
5962-0422103QMC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-LG1152E	381
5962-0422103QNA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-CGS624E	381
5962-0422103QTA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-CG1152E	381
5962-0422103QUC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-CQ256E	381
5962-0422103QXC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-CQ352E	381
5962-0422103QYC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-LG624E	381
5962-0422103QZA	H	10/14/2016		(NONE)	10/17/2008		RTAX2000S (GEN)	381
5962-0422104QMC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1LG1152E	381
5962-0422104QNA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1CGS624E	381
5962-0422104QTA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1CG1152E	381
5962-0422104QUC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1CQ256E	381
5962-0422104QXC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1CQ352E	381
5962-0422104QYC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000S-1LG624E	381
5962-0422104QZA	H	10/14/2016		(NONE)	10/17/2008		RTAX2000S-1 (GEN)	381
5962-0422105QMC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000SL-LG1152B	381
5962-0422105VMC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000SL-LG1152V	381
5962-0422105QNA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000SL-CGS624B	381
5962-0422105VNA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000SL-CGS624V	381
5962-0422105QTA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000SL-CG1152B	381
5962-0422105VTA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000SL-CG1152V	381
5962-0422105QUC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000SL-CQ256B	381
5962-0422105VUC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000SL-CQ256V	381
5962-0422105QXC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000SL-CQ352B	381
5962-0422105VXC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000SL-CQ352V	381
5962-0422105QYC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000SL-LG624B	381
5962-0422105VYC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000SL-LG624V	381
5962-0422106QMC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000SL-1LG1152B	381
5962-0422106VMC	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000SL-1LG1152V	381
5962-0422106QNA	H	10/14/2016	2	MICROSEMI (2)		Y	RTAX2000SL-1CGS624B	381

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5962-0422106VNA	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-1CGS624V		381
5962-0422106QTA	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-1CG1152B		381
5962-0422106VTA	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-1CG1152V		381
5962-0422106QUC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-1CQ256B		381
5962-0422106VUC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-1CQ256V		381
5962-0422106QXC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-1CQ352B		381
5962-0422106VXC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-1CQ352V		381
5962-0422106QYC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-1LG624B		381
5962-0422106VYC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-1LG624V		381
5962-0422107QMC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-LG1152E		381
5962-0422107QNA	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-CGS624E		381
5962-0422107QTA	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-CG1152E		381
5962-0422107QUC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-CQ256E		381
5962-0422107QXC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-CQ352E		381
5962-0422107QYC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-LG624E		381
5962-0422108QMC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-1LG1152E		381
5962-0422108QNA	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-1CGS624E		381
5962-0422108QTA	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-1CG1152E		381
5962-0422108QUC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-1CQ256E		381
5962-0422108QXC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-1CQ352E		381
5962-0422108QYC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000SL-1LG624E		381
5962-0422109QXC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000D-CQ352B		381
5962-0422109VXC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000D-CQ352V		381
5962-0422110QXC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000D-1CQ352B		381
5962-0422110VXC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000D-1CQ352V		381
5962-0422111QXC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000D-CQ352E		381
5962-0422112QXC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000D-1CQ352E		381
5962-0422113QXC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000DL-CQ352B		381
5962-0422113VXC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000DL-CQ352V		381
5962-0422114QXC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000DL-1CQ352B		381
5962-0422114VXC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000DL-1CQ352V		381
5962-0422115QXC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000DL-CQ352E		381
5962-0422116QXC	H	10/14/2016	2	MICROSEMI (2)		Y RTAX2000DL-1CQ352E		381
5962F0422701QXA	E	10/23/2018	2	COBHAM		Y UT8CR512K32-17VCA		629
5962F0422701QXC	E	10/23/2018	2	COBHAM		Y UT8CR512K32-17VCC		629
5962F0422701VXA	E	10/23/2018	2	COBHAM		Y UT8CR512K32-17VCA		629
5962F0422701VXC	E	10/23/2018	2	COBHAM		Y UT8CR512K32-17VCC		629
5962F0422702QXA	E	10/23/2018	2	COBHAM		Y UT8CR512K32-17VWA		629
5962F0422702QXC	E	10/23/2018	2	COBHAM		Y UT8CR512K32-17VWC		629
5962F0422702VXA	E	10/23/2018	2	COBHAM		Y UT8CR512K32-17VWA		629
5962F0422702VXC	E	10/23/2018	2	COBHAM		Y UT8CR512K32-17VWC		629
5962-0422801QXA	B	01/28/2019		(NONE)		54ACT191 (GEN)		304
5962-0422801VXA	B	01/28/2019		(NONE)		54ACT191 (GEN)		304
5962F0422801QXA	B	01/28/2019	2	STMICRO		Y RHFACT191K02Q		304
5962F0422801QXC	B	01/28/2019	2	STMICRO		Y RHFACT191K01Q		304
5962F0422801VXA	B	01/28/2019	2	STMICRO		Y RHFACT191K02V		304
5962F0422801VXC	B	01/28/2019	2	STMICRO		Y RHFACT191K01V		304
5962F0422801VYA	B	01/28/2019	2	STMICRO		Y RHFACT191K04V		304
5962F0422801VYC	B	01/28/2019	2	STMICRO		Y RHFACT191K03V		304

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5962F0422901QUF	C	11/10/2016	2	COBHAM		Y UT6325UCC		381
5962F0422901VUF	C	11/10/2016	2	COBHAM		Y UT6325UCC		381
5962F0422901QXC	C	11/10/2016	2	COBHAM		Y UT6325XCC		381
5962F0422901VXC	C	11/10/2016	2	COBHAM		Y UT6325XCC		381
5962F0422901QYC	C	11/10/2016	2	COBHAM		Y UT6325YCC		381
5962F0422901VYC	C	11/10/2016	2	COBHAM		Y UT6325YCC		381
5962F0422901QZC	C	11/10/2016	2	COBHAM		Y UT6325ZCC		381
5962F0422901VZC	C	11/10/2016	2	COBHAM		Y UT6325ZCC		381
5962F0422902QUF	C	11/10/2016	2	COBHAM		Y UT6325UWC		381
5962F0422902QXC	C	11/10/2016	2	COBHAM		Y UT6325XWC		381
5962F0422902VXA	C	11/10/2016		(NONE)		UT6325 (GEN)		381
5962F0422902QYC	C	11/10/2016	2	COBHAM		Y UT6325YWC		381
5962F0422902VYA	C	11/10/2016		(NONE)		UT6325 (GEN)		381
5962F0422902QZC	C	11/10/2016	2	COBHAM		Y UT6325ZWC		381
5962F0422902VZA	C	11/10/2016		(NONE)		UT6325 (GEN)		381
5962F0422903QXC	C	11/10/2016	2	COBHAM		Y UT6325XCC		381
5962F0422903QYC	C	11/10/2016	2	COBHAM		Y UT6325YCC		381
5962F0422903QZC	C	11/10/2016	2	COBHAM		Y UT6325ZCC		381
5962F0422903QZC	C	11/10/2016	2	COBHAM		Y UT6325UWC		381
5962-0423001QXC	D	12/10/2015	2	ANALOG (4)		Y AD6645ASQ/QMLQ		591
5962R0423002VXC	D	12/10/2015	2	ANALOG (4)		Y AD6645ASQ/QMLR		591
5962L0423003VXC	D	12/10/2015	2	ANALOG (4)		Y AD6645ASQ/QMLL		591
5962-0423101QXA		02/01/2006		(NONE)	10/18/2008	ADC08200 (GEN)		592
5962-0423201HXA	B	10/12/2016	1	INTER. RECT.2		Y ARH2805S		594
5962-0423201HXC	B	10/12/2016	1	INTER. RECT.2		Y ARH2805S		594
5962-0423301HXA	B	10/12/2016	1	INTER. RECT.2		Y ARH2803R3S		594
5962-0423301HXC	B	10/12/2016	1	INTER. RECT.2		Y ARH2803R3S		594
5962-0423401KXA	B	02/16/2016	1	INTER. RECT.2		Y ART2815T		594
5962-0423401KXC	B	02/16/2016	1	INTER. RECT.2		Y ART2815T		594
5962-0423501KXA	E	09/17/2018		(NONE)		ACT5028 (GEN)		594
5962-0423502KXA	E	09/17/2018		(NONE)		ACT5028 (GEN)		594
5962-0423503KXA	E	09/17/2018	2	AEROFLEX		Y RDC5028-301-2S		594
5962-0423503KXC	E	09/17/2018	2	AEROFLEX		Y RDC5028-301-1S		594
5962H0423503KXA	E	09/17/2018	2	AEROFLEX		Y RDC5028-931-2S		594
5962H0423503KXC	E	09/17/2018	2	AEROFLEX		Y RDC5028-931-1S		594
5962-0423504KXA	E	09/17/2018	2	AEROFLEX		Y RDC5028-302-2S		594
5962-0423504KXC	E	09/17/2018	2	AEROFLEX		Y RDC5028-302-1S		594
5962H0423504KXA	E	09/17/2018	2	AEROFLEX		Y RDC5028-932-2S		594
5962H0423504KXC	E	09/17/2018	2	AEROFLEX		Y RDC5028-932-1S		594
5962-0423701KXA	B	07/18/2016	1	INTER. RECT.2		Y ART2812T		594
5962-0423701KXC	B	07/18/2016	1	INTER. RECT.2		Y ART2812T		594
5962-0423801KXA	B	10/28/2013	1C	INTER. RECT.2		Y S2803R3S		594
5962-0423801KXC	B	10/28/2013	1C	INTER. RECT.2		Y S2803R3S		594
5962-0423901KXA	B	11/06/2013	1C	INTER. RECT.2		Y S2805S		594
5962-0423901KXC	B	11/06/2013	1C	INTER. RECT.2		Y S2805S		594
5962-0424001KXA	B	11/07/2013	1C	INTER. RECT.2		Y S2812S		594
5962-0424001KXC	B	11/07/2013	1C	INTER. RECT.2		Y S2812S		594
5962-0424101KXA	B	11/07/2013	1C	INTER. RECT.2		Y S2815S		594
5962-0424101KXC	B	11/07/2013	1C	INTER. RECT.2		Y S2815S		594



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5962-0424201KXA	B	12/04/2013	1C	INTER. RECT.2		Y S2805D		594
5962-0424201KXC	B	12/04/2013	1C	INTER. RECT.2		Y S2805D		594
5962-0424301KXA	B	12/04/2013	1C	INTER. RECT.2		Y S2812D		594
5962-0424301KXC	B	12/04/2013	1C	INTER. RECT.2		Y S2812D		594
5962-0424401KXA	B	12/04/2013	1C	INTER. RECT.2		Y S2815D		594
5962-0424401KXC	B	12/04/2013	1C	INTER. RECT.2		Y S2815D		594
5962-0424501HXA	A	02/23/2010		(NONE)	12/31/2011		AMR2803R3S (GEN)	594
5962-0424601HXA	A	02/23/2010		(NONE)	12/31/2011		AMR2805S (GEN)	594
5962-0424701HXA	B	10/13/2016	1	INTER. RECT.2		Y AMA2805S		594
5962-0424701HXC	B	10/13/2016	1	INTER. RECT.2		Y AMA2805S		594
5962-0424801HXA	B	11/10/2016	1	INTER. RECT.2		Y AMA2812S		594
5962-0424801HXC	B	11/10/2016	1	INTER. RECT.2		Y AMA2812S		594
5962-0424901HXA	B	08/09/2016	1	INTER. RECT.2		Y AMA2815S		594
5962-0424901HXC	B	08/09/2016	1	INTER. RECT.2		Y AMA2815S		594
5962-0425001HXA	B	07/19/2016	1	INTER. RECT.2		Y AMA2812D		594
5962-0425001HXC	B	07/19/2016	1	INTER. RECT.2		Y AMA2812D		594
5962-0425101HXA	B	08/09/2016	1	INTER. RECT.2		Y AMA2815D		594
5962-0425101HXC	B	08/09/2016	1	INTER. RECT.2		Y AMA2815D		594
5962-0425201HXA	B	11/10/2016	1	INTER. RECT.2		Y AMF2805S		594
5962-0425201HXC	B	11/10/2016	1	INTER. RECT.2		Y AMF2805S		594
5962-0425301HXA	B	11/14/2016	1	INTER. RECT.2		Y AMF2812S		594
5962-0425301HXC	B	11/14/2016	1	INTER. RECT.2		Y AMF2812S		594
5962-0425401HXA	B	09/12/2016	1	INTER. RECT.2		Y AMF2815S		594
5962-0425401HXC	B	09/12/2016	1	INTER. RECT.2		Y AMF2815S		594
5962-04A0101QXA		02/24/2004	1	MICROSS		Y X-27S37-032-EC-01		365
5962-04A0102QXA		02/24/2004	1	MICROSS		Y X-27S37-032-EC-02		365
5962-04A0103QXA		02/24/2004	1	MICROSS		Y X-27S37-032-EC-03		365
5962-04A0104QXA		02/24/2004	1	MICROSS		Y X-27S37-032-EC-04		365
5962-04A0105QXA		02/24/2004	1	MICROSS		Y X-27S37-032-EC-05		365
5962-04A0106QXA		02/24/2004	1	MICROSS		Y X-27S37-032-EC-06		365
5962-04A0107QXA		02/24/2004	1	MICROSS		Y X-27S37-032-EC-07		365
5962-04A0108QXA		02/24/2004	1	MICROSS		Y X-27S37-032-EC-08		365
5962-04A0109QXA		02/24/2004	1	MICROSS		Y X-27S37-032-EC-09		365
5962-04A0110QXA		02/24/2004	1	MICROSS		Y X-27S37-032-EC-10		365
5962-04A0201NXB		10/12/2004		(NONE)			13517-508 (GEN)	365
5962-04A0301NXB	A	04/04/2005		(NONE)			19066-001 (GEN)	365
5962F04B0101Q*C	H	04/10/2015	1C	COBHAM		Y UT06MRA010		365
5962F04B0101V*C	H	04/10/2015	1C	COBHAM		Y UT06MRA010		365
5962F04B0102Q*C	H	04/10/2015	1C	COBHAM		Y UT06MRA025		365
5962F04B0102V*C	H	04/10/2015	1C	COBHAM		Y UT06MRA025		365
5962F04B0103Q*C	H	04/10/2015	1C	COBHAM		Y UT06MRA050		365
5962F04B0103V*C	H	04/10/2015	1C	COBHAM		Y UT06MRA050		365
5962F04B0104Q*C	H	04/10/2015	1C	COBHAM		Y UT06MRA075		365
5962F04B0104V*C	H	04/10/2015	1C	COBHAM		Y UT06MRA075		365
5962R04B0105Q*C	H	04/10/2015	1C	COBHAM		Y UT06MRA100		365
5962R04B0105V*C	H	04/10/2015	1C	COBHAM		Y UT06MRA100		365
5962R04B0106Q*C	H	04/10/2015	1C	COBHAM		Y UT06MRA150		365
5962R04B0106V*C	H	04/10/2015	1C	COBHAM		Y UT06MRA150		365
5962R04B0107Q*C	H	04/10/2015	1C	COBHAM		Y UT06MRA200		365



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5962R04B0107V*C	H	04/10/2015	1C	COBHAM		Y UT06MRA200		365
5962R04B0108Q*C	H	04/10/2015	1C	COBHAM		Y UT06MRA250		365
5962R04B0108V*C	H	04/10/2015	1C	COBHAM		Y UT06MRA250		365
5962R04B0109Q*C	H	04/10/2015	1C	COBHAM		Y UT06MRA300		365
5962R04B0109V*C	H	04/10/2015	1C	COBHAM		Y UT06MRA300		365
5962R04B0110Q*C	H	04/10/2015	1C	COBHAM		Y UT06MRA350		365
5962R04B0110V*C	H	04/10/2015	1C	COBHAM		Y UT06MRA350		365
5962R04B0111Q*C	H	04/10/2015	1C	COBHAM		Y UT06MRA400		365
5962R04B0111V*C	H	04/10/2015	1C	COBHAM		Y UT06MRA400		365
5962R04B0112Q*C	H	04/10/2015	1C	COBHAM		Y UT06MRA450		365
5962R04B0112V*C	H	04/10/2015	1C	COBHAM		Y UT06MRA450		365
5962R04B0113Q*C	H	04/10/2015	1C	COBHAM		Y UT06MRA500		365
5962R04B0113V*C	H	04/10/2015	1C	COBHAM		Y UT06MRA500		365
5962-04B0114Q*C	H	04/10/2015		(NONE)		UT06MRA (GEN)		365
5962R04B0114V*C	H	04/10/2015		(NONE)		UT06MRA (GEN)		365
5962-04B0115Q*C	H	04/10/2015		(NONE)		UT06MRA (GEN)		365
5962R04B0115V*C	H	04/10/2015		(NONE)		UT06MRA (GEN)		365
5962-04B0201Q*C	F	05/24/2011	1B	COBHAM		Y UT025RHD05		365
5962F04B0201V*C	F	05/24/2011	1B	COBHAM		Y UT025RHD05		365
5962-04B0202Q*C	F	05/24/2011	1B	COBHAM		Y UT025RHD20		365
5962F04B0202V*C	F	05/24/2011	1B	COBHAM		Y UT025RHD20		365
5962-04B0203Q*C	F	05/24/2011	1B	COBHAM		Y UT025RHD30		365
5962F04B0203V*C	F	05/24/2011	1B	COBHAM		Y UT025RHD30		365
5962-0520201HCA	A	01/19/2012		(NONE)		AS1595C014		219
5962-0520301HCA	A	01/19/2012		(NONE)		AS1648C014		815
5962-0520501HXA	C	02/02/2017	1	INTER. RECT.2		Y AHF2805D/CH		594
5962-0520501HXC	C	02/02/2017	1	INTER. RECT.2		Y AHF2805D/CH		594
5962-0520501HZA	C	02/02/2017	1	INTER. RECT.2		Y AHF2805DF/CH		594
5962-0520501HZC	C	02/02/2017	1	INTER. RECT.2		Y AHF2805DF/CH		594
5962-0520601QZC	C	12/01/2017		(NONE)		ADC08D1000 (GEN)		592
5962-0520601VZC	C	12/01/2017		(NONE)		ADC08D1000 (GEN)		592
5962F0520601VZC	C	12/01/2017	3A	TI		Y ADC08D1000WGFQV		592
5962-0520701QXC	C	08/07/2018	1B	HONEYWELL (1)		Y HX1750XQN		403
5962-0520701QYC	C	08/07/2018	1B	HONEYWELL (1)		Y HX1750YQN		403
5962-0520701QZC	C	08/07/2018	1B	HONEYWELL (1)		Y HX1750ZQN		403
5962-0520801QXC	D	06/22/2017	2	ATMEL NANTES		Y AT60142FT-DC17MMQ		607
5962-0520801VXC	D	06/22/2017	2	ATMEL NANTES		Y AT60142FT-DC17MSV		607
5962R0520801VXC	D	06/22/2017	2	ATMEL NANTES		Y AT60142FT-DC17MSR		607
5962-0520801QYC	D	06/22/2017	2	ATMEL NANTES		Y AT60142FT-DS17MMQ		607
5962-0520801VYC	D	06/22/2017	2	ATMEL NANTES		Y AT60142FT-DS17MSV		607
5962R0520801VYC	D	06/22/2017	2	ATMEL NANTES		Y AT60142FT-DS17MSR		607
5962-0520802QXC	D	06/22/2017	3	ATMEL NANTES		Y AT60142F-DC15MMQ		607
5962-0520802VXC	D	06/22/2017	3	ATMEL NANTES		Y AT60142F-DC15MSV		607
5962R0520802VXC	D	06/22/2017	3	ATMEL NANTES		Y AT60142F-DC15MSR		607
5962-0520802QYC	D	06/22/2017	3	ATMEL NANTES		Y AT60142F-DS15MMQ		607
5962-0520802VYC	D	06/22/2017	3	ATMEL NANTES		Y AT60142F-DS15MSV		607
5962R0520802VYC	D	06/22/2017	3	ATMEL NANTES		Y AT60142F-DS15MSR		607
5962-0520803QYC	D	06/22/2017	2	ATMEL NANTES		Y AT60142HT-DS17MMQ		607
5962-0520803VYC	D	06/22/2017	2	ATMEL NANTES		Y AT60142HT-DS17MSV		607

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5962R0520803VYC	D	06/22/2017	2	ATMEL NANTES		Y	AT60142HT-DS17MSR	607
5962-0520804QYC	D	06/22/2017	2	ATMEL NANTES		Y	AT60142H-DS15MMQ	607
5962-0520804VYC	D	06/22/2017	2	ATMEL NANTES		Y	AT60142H-DS15MSV	607
5962R0520804VYC	D	06/22/2017	2	ATMEL NANTES		Y	AT60142H-DS15MSR	607
5962-0520901KXC	B	08/16/2018	1	AEROFLEX		Y	ACT8504-S	199
5962-0520902KXC	B	08/16/2018	1	AEROFLEX		Y	ACT8505-S	199
5962F0521001V9A	G	06/21/2018	2	STMICRO		Y	RHFXH162244D2V	529
5962R0521001V9A	G	06/21/2018		(NONE)			RXH162244 (GEN)	529
5962F0521001QXA	G	06/21/2018		(NONE)	01/01/2010		RHFXH162244 (GEN)	529
5962F0521001VXA	G	06/21/2018		(NONE)	01/01/2010		RHFXH162244 (GEN)	529
5962R0521001QXA	G	06/21/2018		(NONE)	01/01/2010		RHRXH162244 (GEN)	529
5962R0521001VXC	G	06/21/2018		(NONE)			RHRXH162244 (GEN)	529
5962F0521002QXA	G	06/21/2018		(NONE)	01/01/2010		RHFXH162244 (GEN)	529
5962F0521002VXC	G	06/21/2018	2	STMICRO		Y	RHFXH162244K03V	529
5962R0521002QXA	G	06/21/2018		(NONE)	01/01/2010		RHRXH162244 (GEN)	529
5962R0521002VXC	G	06/21/2018		(NONE)			RHRXH162244 (GEN)	529
5962F0521002VYC	G	06/21/2018	2	STMICRO		Y	RHFXH162244K05V	529
5962F0521101QXA	E	06/21/2018		(NONE)	01/01/2010		RHFXH162373 (GEN)	342
5962F0521101VXC	E	06/21/2018		(NONE)			RHFXH162373 (GEN)	342
5962R0521101QXA	E	06/21/2018		(NONE)	01/01/2010		RHRXH162373 (GEN)	342
5962R0521101VXC	E	06/21/2018		(NONE)			RHRXH162373 (GEN)	342
5962F0521102QXA	E	06/21/2018		(NONE)	01/01/2010		RHFXH162373 (GEN)	342
5962F0521102VXC	E	06/21/2018	2	STMICRO		Y	RHFXH162373K03V	342
5962R0521102QXA	E	06/21/2018		(NONE)	01/01/2010		RHRXH162373 (GEN)	342
5962R0521102VXC	E	06/21/2018		(NONE)			RHRXH162373 (GEN)	342
5962F0521102VYC	E	06/21/2018	2	STMICRO		Y	RHFXH162373K05V	342
5962F0521201QXA	E	07/26/2018		(NONE)	01/01/2010		RHFXH162374 (GEN)	158
5962F0521201VXC	E	07/26/2018		(NONE)			RHFXH162374 (GEN)	158
5962R0521201QXA	E	07/26/2018		(NONE)	01/01/2010		RHRXH162374 (GEN)	158
5962R0521201VXC	E	07/26/2018		(NONE)			RHRXH162374 (GEN)	158
5962F0521202QXA	E	07/26/2018		(NONE)	01/01/2010		RHFXH162374 (GEN)	158
5962F0521202VXC	E	07/26/2018	2	STMICRO		Y	RHFXH162374K03V	158
5962R0521202QXA	E	07/26/2018		(NONE)	01/01/2010		RHRXH162374 (GEN)	158
5962R0521202VXC	E	07/26/2018		(NONE)			RHRXH162374 (GEN)	158
5962F0521202VYC	E	07/26/2018	2	STMICRO		Y	RHFXH162374K05V	158
5962F0521301QXA	E	07/26/2018		(NONE)	01/01/2010		RHFXHR162245 (GEN)	590
5962F0521301VXC	E	07/26/2018		(NONE)			RHFXHR162245 (GEN)	590
5962R0521301QXA	E	07/26/2018		(NONE)	01/01/2010		RHRXHR162245 (GEN)	590
5962R0521301VXC	E	07/26/2018		(NONE)			RHRXHR162245 (GEN)	590
5962F0521302QXA	E	07/26/2018		(NONE)	01/01/2010		RHFXHR162245 (GEN)	590
5962F0521302VXC	E	07/26/2018	2	STMICRO		Y	RHFXHR162245K03V	590
5962R0521302QXA	E	07/26/2018		(NONE)	01/01/2010		RHRXHR162245 (GEN)	590
5962R0521302VXC	E	07/26/2018		(NONE)			RHRXHR162245 (GEN)	590
5962F0521302VYC	E	07/26/2018	2	STMICRO		Y	RHFXHR162245K05V	590
5962R0521401Q9A	C	04/25/2016	2	COBHAM		Y	UT7R995-QDIE	509
5962R0521401V9A	C	04/25/2016	2	COBHAM		Y	UT7R995-VDIE	509
5962R0521401QXA	C	04/25/2016	2	COBHAM		Y	UT7R995-XCA	509
5962R0521401QXC	C	04/25/2016	2	COBHAM		Y	UT7R995-XCC	509
5962R0521401VXA	C	04/25/2016	2	COBHAM		Y	UT7R995-XCA	509

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5962R0521401VXC	C	04/25/2016	2	COBHAM		Y UT7R995-XCC		509
5962R0521402Q9A	C	04/25/2016	2	COBHAM		Y UT7R995-QDIE		509
5962R0521402V9A	C	04/25/2016	2	COBHAM		Y UT7R995-VDIE		509
5962R0521402QXA	C	04/25/2016	2	COBHAM		Y UT7R995-XWA		509
5962R0521402QXC	C	04/25/2016	2	COBHAM		Y UT7R995-XWC		509
5962R0521402VXA	C	04/25/2016	2	COBHAM		Y UT7R995-XWA		509
5962R0521402VXC	C	04/25/2016	2	COBHAM		Y UT7R995-XWC		509
5962R0521403Q9A	C	04/25/2016	3A	COBHAM		Y UT7R995C-QDIE		509
5962R0521403V9A	C	04/25/2016	3A	COBHAM		Y UT7R995C-VDIE		509
5962R0521403QXA	C	04/25/2016	3A	COBHAM		Y UT7R995C-XCA		509
5962R0521403QXC	C	04/25/2016	3A	COBHAM		Y UT7R995C-XCC		509
5962R0521403VXA	C	04/25/2016	3A	COBHAM		Y UT7R995C-XCA		509
5962R0521403VXC	C	04/25/2016	3A	COBHAM		Y UT7R995C-XCC		509
5962R0521404Q9A	C	04/25/2016	3A	COBHAM		Y UT7R995-QDIE		509
5962R0521404V9A	C	04/25/2016	3A	COBHAM		Y UT7R995-VDIE		509
5962R0521404QXA	C	04/25/2016	3A	COBHAM		Y UT7R995C-XWA		509
5962R0521404QXC	C	04/25/2016	3A	COBHAM		Y UT7R995C-XWC		509
5962R0521404VXA	C	04/25/2016	3A	COBHAM		Y UT7R995C-XWA		509
5962R0521404VXC	C	04/25/2016	3A	COBHAM		Y UT7R995C-XWC		509
5962-0521701VXC	C	12/07/2017		(NONE)		TSA1201 (GEN)		592
5962F0521701VXC	C	12/07/2017	2	STMICRO		Y RHF1201KSO-01V		592
5962-0521901KXA	E	10/16/2018	1C	AEROFLEX		Y VRG8601-201-2S		789
5962-0521901KXC	E	10/16/2018	1C	AEROFLEX		Y VRG8601-201-1S		789
5962R0521901KXA	E	10/16/2018	1C	AEROFLEX		Y VRG8601-901-2S		789
5962R0521901KXC	E	10/16/2018	1C	AEROFLEX		Y VRG8601-901-1S		789
5962-0521901KYA	E	10/16/2018	1C	AEROFLEX		Y VRG8602-201-2S		789
5962-0521901KYC	E	10/16/2018	1C	AEROFLEX		Y VRG8602-201-1S		789
5962R0521901KYA	E	10/16/2018	1C	AEROFLEX		Y VRG8602-901-2S		789
5962R0521901KYC	E	10/16/2018	1C	AEROFLEX		Y VRG8602-901-1S		789
5962-0521902KXA	E	10/16/2018		(NONE)		VRG8603-201 (GEN)		789
5962-0521902KYA	E	10/16/2018		(NONE)		VRG8604-201 (GEN)		789
5962-0521903KXA	E	10/16/2018	1C	AEROFLEX		Y VRG8607-201-2S		789
5962-0521903KXC	E	10/16/2018	1C	AEROFLEX		Y VRG8607-201-1S		789
5962R0521903KXA	E	10/16/2018	1C	AEROFLEX		Y VRG8607-901-2S		789
5962R0521903KXC	E	10/16/2018	1C	AEROFLEX		Y VRG8607-901-1S		789
5962-0521903KYA	E	10/16/2018	1C	AEROFLEX		Y VRG8608-201-2S		789
5962-0521903KYC	E	10/16/2018	1C	AEROFLEX		Y VRG8608-201-1S		789
5962R0521903KYA	E	10/16/2018	1C	AEROFLEX		Y VRG8608-901-2S		789
5962R0521903KYC	E	10/16/2018	1C	AEROFLEX		Y VRG8608-901-1S		789
5962-0521904KXA	E	10/16/2018	1C	AEROFLEX		Y VRG8609-201-2S		789
5962-0521904KXC	E	10/16/2018	1C	AEROFLEX		Y VRG8609-201-1S		789
5962R0521904KXA	E	10/16/2018	1C	AEROFLEX		Y VRG8609-901-2S		789
5962R0521904KXC	E	10/16/2018	1C	AEROFLEX		Y VRG8609-901-1S		789
5962-0521904KYA	E	10/16/2018	1C	AEROFLEX		Y VRG8610-201-2S		789
5962-0521904KYC	E	10/16/2018	1C	AEROFLEX		Y VRG8610-201-1S		789
5962R0521904KYA	E	10/16/2018	1C	AEROFLEX		Y VRG8610-901-2S		789
5962R0521904KYC	E	10/16/2018	1C	AEROFLEX		Y VRG8610-901-1S		789
5962R0522001HSC	A	09/14/2015	3B	ANAREN		Y MSK5900HRH		780
5962R0522001KSC	A	09/14/2015	3B	ANAREN		Y MSK5900KRH		780

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5962R0522002HTC	A	09/14/2015	3B	ANAREN		Y MSK5910HRH		780
5962R0522002KTC	A	09/14/2015	3B	ANAREN		Y MSK5910KRH		780
5962R0522002HUC	A	09/14/2015	3B	ANAREN		Y MSK5910HRHG		780
5962R0522002KUC	A	09/14/2015	3B	ANAREN		Y MSK5910KRHG		780
5962R0522003HXC	A	09/14/2015	3B	ANAREN		Y MSK5921HRHS		780
5962R0522003KXC	A	09/14/2015	3B	ANAREN		Y MSK5921KRHS		780
5962R0522003HYC	A	09/14/2015	3B	ANAREN		Y MSK5921HRHU		780
5962R0522003KYC	A	09/14/2015	3B	ANAREN		Y MSK5921KRHU		780
5962R0522003HXC	A	09/14/2015	3B	ANAREN		Y MSK5921HRHD		780
5962R0522003KXC	A	09/14/2015	3B	ANAREN		Y MSK5921KRHD		780
5962R0522004HXC	A	09/14/2015	3B	ANAREN		Y MSK5920-1.5HRHS		780
5962R0522004KXC	A	09/14/2015	3B	ANAREN		Y MSK5920-1.5KRHS		780
5962R0522004HYC	A	09/14/2015	3B	ANAREN		Y MSK5920-1.5HRHU		780
5962R0522004KYC	A	09/14/2015	3B	ANAREN		Y MSK5920-1.5KRHU		780
5962R0522004HXC	A	09/14/2015	3B	ANAREN		Y MSK5920-1.5HRHD		780
5962R0522004KXC	A	09/14/2015	3B	ANAREN		Y MSK5920-1.5KRHD		780
5962R0522005HXC	A	09/14/2015	3B	ANAREN		Y MSK5920-1.9HRHS		780
5962R0522005KXC	A	09/14/2015	3B	ANAREN		Y MSK5920-1.9KRHS		780
5962R0522005HYC	A	09/14/2015	3B	ANAREN		Y MSK5920-1.9HRHU		780
5962R0522005KYC	A	09/14/2015	3B	ANAREN		Y MSK5920-1.9KRHU		780
5962R0522005HXC	A	09/14/2015	3B	ANAREN		Y MSK5920-1.9HRHD		780
5962R0522005KXC	A	09/14/2015	3B	ANAREN		Y MSK5920-1.9KRHD		780
5962R0522006HXC	A	09/14/2015	3B	ANAREN		Y MSK5920-2.5HRHS		780
5962R0522006KXC	A	09/14/2015	3B	ANAREN		Y MSK5920-2.5KRHS		780
5962R0522006HYC	A	09/14/2015	3B	ANAREN		Y MSK5920-2.5HRHU		780
5962R0522006KYC	A	09/14/2015	3B	ANAREN		Y MSK5920-2.5KRHU		780
5962R0522006HXC	A	09/14/2015	3B	ANAREN		Y MSK5920-2.5HRHD		780
5962R0522006KXC	A	09/14/2015	3B	ANAREN		Y MSK5920-2.5KRHD		780
5962R0522007HXC	A	09/14/2015	3B	ANAREN		Y MSK5920-2.8HRHS		780
5962R0522007KXC	A	09/14/2015	3B	ANAREN		Y MSK5920-2.8KRHS		780
5962R0522007HYC	A	09/14/2015	3B	ANAREN		Y MSK5920-2.8HRHU		780
5962R0522007KYC	A	09/14/2015	3B	ANAREN		Y MSK5920-2.8KRHU		780
5962R0522007HXC	A	09/14/2015	3B	ANAREN		Y MSK5920-2.8HRHD		780
5962R0522007KXC	A	09/14/2015	3B	ANAREN		Y MSK5920-2.8KRHD		780
5962R0522008HXC	A	09/14/2015	3B	ANAREN		Y MSK5920-3.3HRHD		780
5962R0522008KXC	A	09/14/2015	3B	ANAREN		Y MSK5920-3.3KRHD		780
5962R0522008HYC	A	09/14/2015	3B	ANAREN		Y MSK5920-3.3HRHU		780
5962R0522008KYC	A	09/14/2015	3B	ANAREN		Y MSK5920-3.3KRHU		780
5962R0522008HXC	A	09/14/2015	3B	ANAREN		Y MSK5920-3.3HRHD		780
5962R0522008KXC	A	09/14/2015	3B	ANAREN		Y MSK5920-3.3KRHD		780
5962R0522009HXC	A	09/14/2015	3B	ANAREN		Y MSK5920-5.0HRHS		780
5962R0522009KXC	A	09/14/2015	3B	ANAREN		Y MSK5920-5.0KRHS		780
5962R0522009HYC	A	09/14/2015	3B	ANAREN		Y MSK5920-5.0HRHU		780
5962R0522009KYC	A	09/14/2015	3B	ANAREN		Y MSK5920-5.0KRHU		780
5962R0522009HXC	A	09/14/2015	3B	ANAREN		Y MSK5920-5.0HRHD		780
5962R0522009KXC	A	09/14/2015	3B	ANAREN		Y MSK5920-5.0KRHD		780
5962-0522101VXC	G	08/25/2014	2	TI		Y TLK2711-SP		590
5962-0522201HXAX	B	09/13/2016	1	INTER. RECT.2		Y AMF2812D		594
5962-0522201HXCB	B	09/13/2016	1	INTER. RECT.2		Y AMF2812D		594

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5962-0522301HXA	B	11/14/2016	1	INTER. RECT.2		Y AMF2815D		594
5962-0522301HXC	B	11/14/2016	1	INTER. RECT.2		Y AMF2815D		594
5962-0523101HUA	A	01/11/2016	1B	INTER. RECT.2		Y AHP27003R3SW/CH		594
5962-0523101HUC	A	01/11/2016	1B	INTER. RECT.2		Y AHP27003R3SW/CH		594
5962-0523101HXA	A	01/11/2016	1B	INTER. RECT.2		Y AHP27003R3SX/CH		594
5962-0523101HXC	A	01/11/2016	1B	INTER. RECT.2		Y AHP27003R3SX/CH		594
5962-0523101HYA	A	01/11/2016	1B	INTER. RECT.2		Y AHP27003R3SY/CH		594
5962-0523101HYC	A	01/11/2016	1B	INTER. RECT.2		Y AHP27003R3SY/CH		594
5962-0523101HZA	A	01/11/2016	1B	INTER. RECT.2		Y AHP27003R3SZ/CH		594
5962-0523101HZC	A	01/11/2016	1B	INTER. RECT.2		Y AHP27003R3SZ/CH		594
5962-0523201HUA	A	01/12/2016	1B	INTER. RECT.2		Y AHP27005SW/CH		594
5962-0523201HUC	A	01/12/2016	1B	INTER. RECT.2		Y AHP27005SW/CH		594
5962-0523201HXA	A	01/12/2016	1B	INTER. RECT.2		Y AHP27005SX/CH		594
5962-0523201HXC	A	01/12/2016	1B	INTER. RECT.2		Y AHP27005SX/CH		594
5962-0523201HYA	A	01/12/2016	1B	INTER. RECT.2		Y AHP27005SY/CH		594
5962-0523201HYC	A	01/12/2016	1B	INTER. RECT.2		Y AHP27005SY/CH		594
5962-0523201HZA	A	01/12/2016	1B	INTER. RECT.2		Y AHP27005SZ/CH		594
5962-0523201HZC	A	01/12/2016	1B	INTER. RECT.2		Y AHP27005SZ/CH		594
5962-0523301HUA	A	01/14/2016	1B	INTER. RECT.2		Y AHP27012SW/CH		594
5962-0523301HUC	A	01/14/2016	1B	INTER. RECT.2		Y AHP27012SW/CH		594
5962-0523301HXA	A	01/14/2016	1B	INTER. RECT.2		Y AHP27012SX/CH		594
5962-0523301HXC	A	01/14/2016	1B	INTER. RECT.2		Y AHP27012SX/CH		594
5962-0523301HYA	A	01/14/2016	1B	INTER. RECT.2		Y AHP27012SY/CH		594
5962-0523301HYC	A	01/14/2016	1B	INTER. RECT.2		Y AHP27012SY/CH		594
5962-0523301HZA	A	01/14/2016	1B	INTER. RECT.2		Y AHP27012SZ/CH		594
5962-0523301HZC	A	01/14/2016	1B	INTER. RECT.2		Y AHP27012SZ/CH		594
5962-0523401HUA		06/07/2011	1B	INTER. RECT.2		Y AHP27015SW/CHA		594
5962-0523401HUC		06/07/2011	1B	INTER. RECT.2		Y AHP27015SW/CHC		594
5962-0523401HXA		06/07/2011	1B	INTER. RECT.2		Y AHP27015SX/CHA		594
5962-0523401HXC		06/07/2011	1B	INTER. RECT.2		Y AHP27015SX/CHC		594
5962-0523401HYA		06/07/2011	1B	INTER. RECT.2		Y AHP27015SY/CHA		594
5962-0523401HYC		06/07/2011	1B	INTER. RECT.2		Y AHP27015SY/CHC		594
5962-0523401HZA		06/07/2011	1B	INTER. RECT.2		Y AHP27015SZ/CHA		594
5962-0523401HZC		06/07/2011	1B	INTER. RECT.2		Y AHP27015SZ/CHC		594
5962-0523501HUA	A	12/05/2017	1B	INTER. RECT.2		Y AHP27005DW/CHA		594
5962-0523501HUC	A	12/05/2017	1B	INTER. RECT.2		Y AHP27005DW/CHC		594
5962-0523501HXA	A	12/05/2017	1B	INTER. RECT.2		Y AHP27005DX/CHA		594
5962-0523501HXC	A	12/05/2017	1B	INTER. RECT.2		Y AHP27005DX/CHC		594
5962-0523501HYA	A	12/05/2017	1B	INTER. RECT.2		Y AHP27005DY/CHA		594
5962-0523501HYC	A	12/05/2017	1B	INTER. RECT.2		Y AHP27005DY/CHC		594
5962-0523501HZA	A	12/05/2017	1B	INTER. RECT.2		Y AHP27005DZ/CHA		594
5962-0523501HZC	A	12/05/2017	1B	INTER. RECT.2		Y AHP27005DZ/CHA		594
5962-0523801KXA	B	06/20/2013	1C	INTER. RECT.2		Y LS2801R5S		594
5962-0523801KXC	B	06/20/2013	1C	INTER. RECT.2		Y LS2801R5S		594
5962-0523801KYA	B	06/20/2013	1C	INTER. RECT.2		Y LS2801R5SN/CKA		594
5962-0523801KYC	B	06/20/2013	1C	INTER. RECT.2		Y LS2801R5SN/CKC		594
5962-0523901KXA	B	06/20/2013	1C	INTER. RECT.2		Y LS2803R3S		594
5962-0523901KXC	B	06/20/2013	1C	INTER. RECT.2		Y LS2803R3S		594
5962-0523901KYA	B	06/20/2013	1C	INTER. RECT.2		Y LS2803R3SN/CKA		594



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5962-0523901KYC	B	06/20/2013	1C	INTER. RECT.2		Y LS2803R3SN/CKC		594
5962-0524001KXA	B	06/20/2013	1C	INTER. RECT.2		Y LS2805S		594
5962-0524001KXC	B	06/20/2013	1C	INTER. RECT.2		Y LS2805S		594
5962-0524001KYA	B	06/20/2013	1C	INTER. RECT.2		Y LS2805SN/CKA		594
5962-0524001KYC	B	06/20/2013	1C	INTER. RECT.2		Y LS2805SN/CKC		594
5962-0524101KXA	B	06/20/2013	1C	INTER. RECT.2		Y LS2812D		594
5962-0524101KXC	B	06/20/2013	1C	INTER. RECT.2		Y LS2812D		594
5962-0524101KYA	B	06/20/2013	1C	INTER. RECT.2		Y LS2812DN/CKA		594
5962-0524101KYC	B	06/20/2013	1C	INTER. RECT.2		Y LS2812DN/CKC		594
5962-0524201KXA	B	07/02/2013	1C	INTER. RECT.2		Y LS2815D		594
5962-0524201KXC	B	07/02/2013	1C	INTER. RECT.2		Y LS2815D		594
5962-0524201KYA	B	07/02/2013	1C	INTER. RECT.2		Y LS2815DN/CKA		594
5962-0524201KYC	B	07/02/2013	1C	INTER. RECT.2		Y LS2815DN/CKC		594
5962-05A0101NXB		11/04/2004		(NONE)		19176-001 (GEN)		365
5962-05A0201NXB	E	01/23/2019	2	ON SEMI.		Y 15025-512		365
5962-05A0301NXB	B	02/04/2019	3	ON SEMI.		Y 19472-001		365
5962-05A0601NXB	A	12/01/2005		(NONE)		19523-001 (GEN)		365
5962F0620101QXA	A	08/18/2017	1	COBHAM		Y UT54LVDM031LVUCA		569
5962F0620101QXC	A	08/18/2017	1	COBHAM		Y UT54LVDM031LVUCC		569
5962F0620101VXA	A	08/18/2017	1	COBHAM		Y UT54LVDM031LVUCA		569
5962F0620101VXC	A	08/18/2017	1	COBHAM		Y UT54LVDM031LVUCC		569
5962F0620201Q9A	D	04/06/2015	1	COBHAM		Y UT54LVDM055LV-Q-DIE		599
5962F0620201V9A	D	04/06/2015	1	COBHAM		Y UT54LVDM055LV-V-DIE		599
5962F0620201QXA	D	04/06/2015	1	COBHAM		Y UT54LVDM055LVUCA		599
5962F0620201QXC	D	04/06/2015	1	COBHAM		Y UT54LVDM055LVUCC		599
5962F0620201VXA	D	04/06/2015	1	COBHAM		Y UT54LVDM055LVUCA		599
5962F0620201VXC	D	04/06/2015	1	COBHAM		Y UT54LVDM055LVUCC		599
5962F0620202V9A	D	04/06/2015	2	STMICRO		Y RHFLVDSR2D2D2V		599
5962F0620202VYA	D	04/06/2015	2	STMICRO		Y RHFLVDSR2D2K02V		599
5962F0620202VYC	D	04/06/2015	2	STMICRO		Y RHFLVDSR2D2K01V		599
5962F0620301Q9A	C	07/14/2015	2	HONEYWELL (1)		Y HX6408KQFN25		629
5962F0620301V9A	C	07/14/2015	2	HONEYWELL (1)		Y HX6408KVFN25		629
5962F0620301QXC	C	07/14/2015	2	HONEYWELL (1)		Y HX6408XQFN25		629
5962F0620301VXC	C	07/14/2015	2	HONEYWELL (1)		Y HX6408XVFN25		629
5962F0620302Q9A	C	07/14/2015	2	HONEYWELL (1)		Y HX6408KQFN20		629
5962F0620302V9A	C	07/14/2015	2	HONEYWELL (1)		Y HX6408KVFN20		629
5962F0620302QXC	C	07/14/2015	2	HONEYWELL (1)		Y HX6408XQFN20		629
5962F0620302VXC	C	07/14/2015	2	HONEYWELL (1)		Y HX6408XVFN20		629
5962F0620303QXC	C	07/14/2015	2	HONEYWELL (1)		Y HX6408XQFM25		629
5962F0620303VXC	C	07/14/2015	2	HONEYWELL (1)		Y HX6408XVFM25		629
5962F0620304QXC	C	07/14/2015		(NONE)		HX6408-20		629
5962F0620304VXC	C	07/14/2015		(NONE)		HX6408-20		629
5962H0620305QXC	C	07/14/2015	2	HONEYWELL (1)		Y HX6408XQHN25		629
5962H0620305VXC	C	07/14/2015	2	HONEYWELL (1)		Y HX6408XVHN25		629
5962-0620401HMA	A	07/03/2008		(NONE)		8601-53-1.3 (GEN)		782
5962-0620401KMA	A	07/03/2008		(NONE)		8601-53-1.3 (GEN)		782
5962-0620401HNA	A	07/03/2008		(NONE)		8601-53-1.3 (GEN)		782
5962-0620401KNA	A	07/03/2008		(NONE)		8601-53-1.3 (GEN)		782
5962-0620401HTA	A	07/03/2008		(NONE)		8601-53-1.3 (GEN)		782



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5962-0620401KTA	A	07/03/2008		(NONE)		8601-53-1.3	(GEN)	782
5962-0620402HMA	A	07/03/2008		(NONE)		8601-53-1.5	(GEN)	782
5962-0620402KMA	A	07/03/2008		(NONE)		8601-53-1.5	(GEN)	782
5962-0620402HNA	A	07/03/2008		(NONE)		8601-53-1.5	(GEN)	782
5962-0620402KNA	A	07/03/2008		(NONE)		8601-53-1.5	(GEN)	782
5962-0620402HTA	A	07/03/2008		(NONE)		8601-53-1.5	(GEN)	782
5962-0620402KTA	A	07/03/2008		(NONE)		8601-53-1.5	(GEN)	782
5962-0620403HMA	A	07/03/2008		(NONE)		8601-53-1.8	(GEN)	782
5962-0620403KMA	A	07/03/2008		(NONE)		8601-53-1.8	(GEN)	782
5962-0620403HNA	A	07/03/2008		(NONE)		8601-53-1.8	(GEN)	782
5962-0620403KNA	A	07/03/2008		(NONE)		8601-53-1.8	(GEN)	782
5962-0620403HTA	A	07/03/2008		(NONE)		8601-53-1.8	(GEN)	782
5962-0620403KTA	A	07/03/2008		(NONE)		8601-53-1.8	(GEN)	782
5962-0620404HMA	A	07/03/2008		(NONE)		8601-53-2.5	(GEN)	782
5962-0620404KMA	A	07/03/2008		(NONE)		8601-53-2.5	(GEN)	782
5962-0620404HNA	A	07/03/2008		(NONE)		8601-53-2.5	(GEN)	782
5962-0620404KNA	A	07/03/2008		(NONE)		8601-53-2.5	(GEN)	782
5962-0620404HTA	A	07/03/2008		(NONE)		8601-53-2.5	(GEN)	782
5962-0620404KTA	A	07/03/2008		(NONE)		8601-53-2.5	(GEN)	782
5962-0620405HMA	A	07/03/2008		(NONE)		8601-55-3.3	(GEN)	782
5962-0620405KMA	A	07/03/2008		(NONE)		8601-55-3.3	(GEN)	782
5962-0620405HNA	A	07/03/2008		(NONE)		8601-55-3.3	(GEN)	782
5962-0620405KNA	A	07/03/2008		(NONE)		8601-55-3.3	(GEN)	782
5962-0620405HTA	A	07/03/2008		(NONE)		8601-55-3.3	(GEN)	782
5962-0620405KTA	A	07/03/2008		(NONE)		8601-55-3.3	(GEN)	782
5962-0620406HMA	A	07/03/2008		(NONE)		8601-33-ADJ	(GEN)	780
5962-0620406KMA	A	07/03/2008		(NONE)		8601-33-ADJ	(GEN)	780
5962-0620406HNA	A	07/03/2008		(NONE)		8601-33-ADJ	(GEN)	780
5962-0620406KNA	A	07/03/2008		(NONE)		8601-33-ADJ	(GEN)	780
5962-0620406HTA	A	07/03/2008		(NONE)		8601-33-ADJ	(GEN)	780
5962-0620406KTA	A	07/03/2008		(NONE)		8601-33-ADJ	(GEN)	780
5962-0620407HMA	A	07/03/2008		(NONE)		8601-33-1.3	(GEN)	782
5962-0620407KMA	A	07/03/2008		(NONE)		8601-33-1.3-	(GEN)	782
5962-0620407HNA	A	07/03/2008		(NONE)		8601-33-1.3	(GEN)	782
5962-0620407KNA	A	07/03/2008		(NONE)		8601-33-1.3	(GEN)	782
5962-0620407HTA	A	07/03/2008		(NONE)		8601-33-1.3	(GEN)	782
5962-0620407KTA	A	07/03/2008		(NONE)		8601-33-1.3	(GEN)	782
5962-0620408HMA	A	07/03/2008		(NONE)		8601-33-1.5	(GEN)	782
5962-0620408KMA	A	07/03/2008		(NONE)		8601-33-1.5	(GEN)	782
5962-0620408HNA	A	07/03/2008		(NONE)		8601-33-1.5	(GEN)	782
5962-0620408KNA	A	07/03/2008		(NONE)		8601-33-1.5	(GEN)	782
5962-0620408HTA	A	07/03/2008		(NONE)		8601-33-1.5	(GEN)	782
5962-0620408KTA	A	07/03/2008		(NONE)		8601-33-1.5	(GEN)	782
5962-0620409HMA	A	07/03/2008		(NONE)		8601-33-1.8	(GEN)	782
5962-0620409KMA	A	07/03/2008		(NONE)		8601-33-1.8	(GEN)	782
5962-0620409HNA	A	07/03/2008		(NONE)		8601-33-1.8	(GEN)	782
5962-0620409KNA	A	07/03/2008		(NONE)		8601-33-1.8	(GEN)	782
5962-0620409HTA	A	07/03/2008		(NONE)		8601-33-1.8	(GEN)	782
5962-0620409KTA	A	07/03/2008		(NONE)		8601-33-1.8	(GEN)	782

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5962-0620410HMA	A	07/03/2008		(NONE)		8601-33-2.5 (GEN)		782
5962-0620410KMA	A	07/03/2008		(NONE)		8601-33-2.5 (GEN)		782
5962-0620410HNA	A	07/03/2008		(NONE)		8601-33-2.5 (GEN)		782
5962-0620410KNA	A	07/03/2008		(NONE)		8601-33-2.5 (GEN)		782
5962-0620410HTA	A	07/03/2008		(NONE)		8601-33-2.5 (GEN)		782
5962-0620410KTA	A	07/03/2008		(NONE)		8601-33-2.5 (GEN)		782
5962-0620411HMA	A	07/03/2008		(NONE)		8601-35-ADJ (GEN)		780
5962-0620411KMA	A	07/03/2008		(NONE)		8601-35-ADJ (GEN)		780
5962-0620411HNA	A	07/03/2008		(NONE)		8601-35-ADJ (GEN)		780
5962-0620411KNA	A	07/03/2008		(NONE)		8601-35-ADJ (GEN)		780
5962-0620411HTA	A	07/03/2008		(NONE)		8601-35-ADJ (GEN)		780
5962-0620411KTA	A	07/03/2008		(NONE)		8601-35-ADJ (GEN)		780
5962-0620412HMA	A	07/03/2008		(NONE)		8601-35-3.3 (GEN)		782
5962-0620412KMA	A	07/03/2008		(NONE)		8601-35-3.3 (GEN)		782
5962-0620412HNA	A	07/03/2008		(NONE)		8601-35-3.3 (GEN)		782
5962-0620412KNA	A	07/03/2008		(NONE)		8601-35-3.3 (GEN)		782
5962-0620412HTA	A	07/03/2008		(NONE)		8601-35-3.3 (GEN)		782
5962-0620412KTA	A	07/03/2008		(NONE)		8601-35-3.3 (GEN)		782
5962-0620413HMA	A	07/03/2008		(NONE)		8605R-53-1.3 (GEN)		782
5962-0620413KMA	A	07/03/2008		(NONE)		8605R-53-1.3 (GEN)		782
5962-0620413HNA	A	07/03/2008		(NONE)		8605R-53-1.3 (GEN)		782
5962-0620413KNA	A	07/03/2008		(NONE)		8605R-53-1.3 (GEN)		782
5962-0620413HTA	A	07/03/2008		(NONE)		8605R-53-1.3 (GEN)		782
5962-0620413KTA	A	07/03/2008		(NONE)		8605R-53-1.3 (GEN)		782
5962-0620414HMA	A	07/03/2008		(NONE)		8605R-53-1.5 (GEN)		782
5962-0620414KMA	A	07/03/2008		(NONE)		8605R-53-1.5 (GEN)		782
5962-0620414HNA	A	07/03/2008		(NONE)		8605R-53-1.5 (GEN)		782
5962-0620414KNA	A	07/03/2008		(NONE)		8605R-53-1.5 (GEN)		782
5962-0620414HTA	A	07/03/2008		(NONE)		8605R-53-1.5 (GEN)		782
5962-0620414KTA	A	07/03/2008		(NONE)		8605R-53-1.5 (GEN)		782
5962-0620415HMA	A	07/03/2008		(NONE)		8605R-53-1.8 (GEN)		782
5962-0620415KMA	A	07/03/2008		(NONE)		8605R-53-1.8 (GEN)		782
5962-0620415HNA	A	07/03/2008		(NONE)		8605R-53-1.8 (GEN)		782
5962-0620415KNA	A	07/03/2008		(NONE)		8605R-53-1.8 (GEN)		782
5962-0620415KNC	A	07/03/2008		(NONE)		8605R-53-1.8 (GEN)		782
5962-0620415HTA	A	07/03/2008		(NONE)		8605R-53-1.8 (GEN)		782
5962-0620415KTA	A	07/03/2008		(NONE)		8605R-53-1.8 (GEN)		782
5962-0620415KTC	A	07/03/2008		(NONE)		8605R-53-1.8 (GEN)		782
5962-0620416HMA	A	07/03/2008		(NONE)		8605R-53-2.5 (GEN)		782
5962-0620416KMA	A	07/03/2008		(NONE)		8605R-53-2.5 (GEN)		782
5962-0620416HNA	A	07/03/2008		(NONE)		8605R-53-2.5 (GEN)		782
5962-0620416KNA	A	07/03/2008		(NONE)		8605R-53-2.5 (GEN)		782
5962-0620416HTA	A	07/03/2008		(NONE)		8605R-53-2.5 (GEN)		782
5962-0620416KTA	A	07/03/2008		(NONE)		8605R-53-2.5 (GEN)		782
5962-0620417HMA	A	07/03/2008		(NONE)		8605R-55-3.3 (GEN)		782
5962-0620417KMA	A	07/03/2008		(NONE)		8605R-55-3.3 (GEN)		782
5962-0620417HNA	A	07/03/2008		(NONE)		8605R-55-3.3 (GEN)		782
5962-0620417KNA	A	07/03/2008		(NONE)		8605R-55-3.3 (GEN)		782
5962-0620417HTA	A	07/03/2008		(NONE)		8605R-55-3.3 (GEN)		782

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5962-0620417KTA	A	07/03/2008		(NONE)			8605R-55-3.3 (GEN)	782
5962-0620418HMA	A	07/03/2008		(NONE)			8605R-55-1.3 (GEN)	782
5962-0620418KMA	A	07/03/2008		(NONE)			8605R-55-1.3 (GEN)	782
5962-0620418HNA	A	07/03/2008		(NONE)			8605R-55-1.3 (GEN)	782
5962-0620418KNA	A	07/03/2008		(NONE)			8605R-55-1.3 (GEN)	782
5962-0620418HTA	A	07/03/2008		(NONE)			8605R-55-1.3 (GEN)	782
5962-0620418KTA	A	07/03/2008		(NONE)			8605R-55-1.3 (GEN)	782
5962-0620419HMA	A	07/03/2008		(NONE)			8605R-55-1.5 (GEN)	782
5962-0620419KMA	A	07/03/2008		(NONE)			8605R-55-1.5 (GEN)	782
5962-0620419HNA	A	07/03/2008		(NONE)			8605R-55-1.5 (GEN)	782
5962-0620419KNA	A	07/03/2008		(NONE)			8605R-55-1.5 (GEN)	782
5962-0620419HTA	A	07/03/2008		(NONE)			8605R-55-1.5 (GEN)	782
5962-0620419KTA	A	07/03/2008		(NONE)			8605R-55-1.5 (GEN)	782
5962-0620420HMA	A	07/03/2008		(NONE)			8605R-55-1.8 (GEN)	782
5962-0620420KMA	A	07/03/2008		(NONE)			8605R-55-1.8 (GEN)	782
5962-0620420HNA	A	07/03/2008		(NONE)			8605R-55-1.8 (GEN)	782
5962-0620420KNA	A	07/03/2008		(NONE)			8605R-55-1.8 (GEN)	782
5962-0620420HTA	A	07/03/2008		(NONE)			8605R-55-1.8 (GEN)	782
5962-0620420KTA	A	07/03/2008		(NONE)			8605R-55-1.8 (GEN)	782
5962-0620421HMA	A	07/03/2008		(NONE)			8605R-55-2.5 (GEN)	782
5962-0620421KMA	A	07/03/2008		(NONE)			8605R-55-2.5 (GEN)	782
5962-0620421HNA	A	07/03/2008		(NONE)			8605R-55-2.5 (GEN)	782
5962-0620421KNA	A	07/03/2008		(NONE)			8605R-55-2.5 (GEN)	782
5962-0620421HTA	A	07/03/2008		(NONE)			8605R-55-2.5 (GEN)	782
5962-0620421KTA	A	07/03/2008		(NONE)			8605R-55-2.5 (GEN)	782
5962-0620601VZA	D	07/18/2017	3A	TI		Y	LMP2012WG-QMLV	710
5962L0620601VZA	D	07/18/2017	3A	TI		Y	LMP2012WGLQMLV	710
5962L0620602V9A	D	07/18/2017	3A	TI		Y	LMP2012MDE	710
5962L0620602VZA	D	07/18/2017	3A	TI		Y	LMP2012WGLLQMLV	710
5962-0620701Q3A	A	06/12/2006		(NONE)	12/10/2015		ICL3243 (GEN)	590
5962-0620702Q3A	A	06/12/2006		(NONE)	12/10/2015		ICL3238 (GEN)	590
5962-0620703Q2A	A	06/12/2006		(NONE)	12/10/2015		ICL3232 (GEN)	590
5962-0620704Q2A	A	06/12/2006		(NONE)	12/10/2015		ICL3221 (GEN)	590
5962-0620705Q3A	A	06/12/2006		(NONE)	12/10/2015		ICL3243 (GEN)	590
5962-0620706Q3A	A	06/12/2006		(NONE)	12/10/2015		ICL3238 (GEN)	590
5962-0620707Q2A	A	06/12/2006		(NONE)	12/10/2015		ICL3232 (GEN)	590
5962-0620708Q2A	A	06/12/2006		(NONE)	12/10/2015		ICL3221 (GEN)	590
5962-0620801QXC	A	08/24/2018	1	TI		Y	SMJ320F2812HFGM150	432
5962-0620901HTA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962L0620901HTA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962L0620901KTA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962P0620901HTA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962P0620901KTA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962R0620901HTA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962R0620901KTA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962-0620901HUA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962L0620901HUA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962L0620901KUA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962P0620901HUA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594

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5962P0620901KUA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962R0620901HUA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962R0620901KUA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962-0620901HXA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962L0620901HXA	C	06/04/2018	3B	CRANE		Y	SMFLHP283R3S/HL	594
5962L0620901HXC	C	06/04/2018	3B	CRANE		Y	SMFLHP283R3S/HL	594
5962L0620901KXA	C	06/04/2018	3B	CRANE		Y	SMFLHP283R3S/KL	594
5962L0620901KXC	C	06/04/2018	3B	CRANE		Y	SMFLHP283R3S/KL	594
5962P0620901HXA	C	06/04/2018	3B	CRANE		Y	SMFLHP283R3S/HP	594
5962P0620901HXC	C	06/04/2018	3B	CRANE		Y	SMFLHP283R3S/HP	594
5962P0620901KXA	C	06/04/2018	3B	CRANE		Y	SMFLHP283R3S/KP	594
5962P0620901KXC	C	06/04/2018	3B	CRANE		Y	SMFLHP283R3S/KP	594
5962R0620901HXA	C	06/04/2018	3B	CRANE		Y	SMFLHP283R3S/HR	594
5962R0620901HXC	C	06/04/2018	3B	CRANE		Y	SMFLHP283R3S/HR	594
5962R0620901KXA	C	06/04/2018	3B	CRANE		Y	SMFLHP283R3S/KR	594
5962R0620901KXC	C	06/04/2018	3B	CRANE		Y	SMFLHP283R3S/KR	594
5962-0620901HYA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962L0620901HYA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962L0620901KYA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962P0620901HYA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962P0620901KYA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962R0620901HYA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962R0620901KYA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962-0620901HZA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962L0620901HZA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962L0620901KZA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962P0620901HZA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962P0620901KZA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962R0620901HZA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962R0620901KZA	C	06/04/2018		(NONE)			SMFLHP283R3S (GEN)	594
5962-0621001HXA	C	01/27/2016		(NONE)			SMSA283R3S (GEN)	594
5962L0621001HXA	C	01/27/2016		(NONE)			SMSA283R3S (GEN)	594
5962L0621001KXA	C	01/27/2016		(NONE)			SMSA283R3S (GEN)	594
5962P0621001HXA	C	01/27/2016	2	CRANE		Y	SMSA283R3S/HP	594
5962P0621001HXC	C	01/27/2016	2	CRANE		Y	SMSA283R3S/HP	594
5962P0621001KXA	C	01/27/2016	2	CRANE		Y	SMSA283R3S/KP	594
5962P0621001KXC	C	01/27/2016	2	CRANE		Y	SMSA283R3S/KP	594
5962R0621001HXA	C	01/27/2016	2	CRANE		Y	SMSA283R3S/HR	594
5962R0621001HXC	C	01/27/2016	2	CRANE		Y	SMSA283R3S/HR	594
5962R0621001KXA	C	01/27/2016	2	CRANE		Y	SMSA283R3S/KR	594
5962R0621001KXC	C	01/27/2016	2	CRANE		Y	SMSA283R3S/KR	594
5962L0621002HXA	C	01/27/2016	2	CRANE		Y	SMSA283R3S/HL	594
5962L0621002HXC	C	01/27/2016	2	CRANE		Y	SMSA283R3S/HL	594
5962L0621002KXA	C	01/27/2016	2	CRANE		Y	SMSA283R3S/KL	594
5962L0621002KXC	C	01/27/2016	2	CRANE		Y	SMSA283R3S/KL	594
5962P0621002HXA	C	01/27/2016		(NONE)			SMSA283R3S (GEN)	594
5962P0621002KXA	C	01/27/2016		(NONE)			SMSA283R3S (GEN)	594
5962R0621002HXA	C	01/27/2016		(NONE)			SMSA283R3S (GEN)	594
5962R0621002KXA	C	01/27/2016		(NONE)			SMSA283R3S (GEN)	594

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5962-0621301HXA	D	05/16/2016		(NONE)			MFL283R3S (GEN)	594
5962-0621302HTA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962L0621302HTA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962L0621302KTA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962P0621302HTA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962P0621302KTA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962R0621302HTA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962R0621302KTA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962-0621302HUA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962L0621302HUA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962L0621302KUA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962P0621302HUA	D	05/16/2016	3B	CRANE		Y	SMFL283R3SV/HP	594
5962P0621302HUC	D	05/16/2016	3B	CRANE		Y	SMFL283R3SV/HP	594
5962P0621302KUA	D	05/16/2016	3B	CRANE		Y	SMFL283R3SV/KP	594
5962P0621302KUC	D	05/16/2016	3B	CRANE		Y	SMFL283R3SV/KP	594
5962R0621302HUA	D	05/16/2016	3B	CRANE		Y	SMFL283R3SV/HR	594
5962R0621302HUC	D	05/16/2016	3B	CRANE		Y	SMFL283R3SV/HR	594
5962R0621302KUA	D	05/16/2016	3B	CRANE		Y	SMFL283R3SV/KR	594
5962R0621302KUC	D	05/16/2016	3B	CRANE		Y	SMFL283R3SV/KR	594
5962-0621302HXA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962L0621302HXA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962L0621302KXA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962P0621302HXA	D	05/16/2016	3B	CRANE		Y	SMFL283R3S/HP	594
5962P0621302HXC	D	05/16/2016	3B	CRANE		Y	SMFL283R3S/HP	594
5962P0621302KXA	D	05/16/2016	3B	CRANE		Y	SMFL283R3S/KP	594
5962P0621302KXC	D	05/16/2016	3B	CRANE		Y	SMFL283R3S/KP	594
5962R0621302HXA	D	05/16/2016	3B	CRANE		Y	SMFL283R3S/HR	594
5962R0621302HXC	D	05/16/2016	3B	CRANE		Y	SMFL283R3S/HR	594
5962R0621302KXA	D	05/16/2016	3B	CRANE		Y	SMFL283R3S/KR	594
5962R0621302KXC	D	05/16/2016	3B	CRANE		Y	SMFL283R3S/KR	594
5962-0621302HYA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962L0621302HYA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962L0621302KYA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962P0621302HYA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962P0621302KYA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962R0621302HYA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962R0621302KYA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962-0621302HZA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962L0621302HZA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962L0621302KZA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962P0621302HZA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962P0621302KZA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962R0621302HZA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962R0621302KZA	D	05/16/2016		(NONE)			SMFL283R3S (GEN)	594
5962-0622001HXA	E	12/06/2018		(NONE)			SMRT283R3S (GEN)	594
5962F0622001KXA	E	12/06/2018		(NONE)			SMRT283R3S (GEN)	594
5962L0622001EXA	E	12/06/2018	3B	CRANE		Y	SMRT283R3S/EKL	594
5962L0622001EXC	E	12/06/2018	3B	CRANE		Y	SMRT283R3S/EKL	594
5962P0622001EXA	E	12/06/2018	3B	CRANE		Y	SMRT283R3S/EKP	594



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5962P0622001EXC	E	12/06/2018	3B	CRANE		Y	SMRT283R3S/EKP	594
5962P0622001HXA	E	12/06/2018		(NONE)			SMRT283R3S (GEN)	594
5962P0622001KXA	E	12/06/2018		(NONE)			SMRT283R3S (GEN)	594
5962R0622001EXA	E	12/06/2018	3B	CRANE		Y	SMRT283R3S/EKR	594
5962R0622001EXC	E	12/06/2018	3B	CRANE		Y	SMRT283R3S/EKR	594
5962R0622001HXA	E	12/06/2018		(NONE)			SMRT283R3S (GEN)	594
5962R0622001KXA	E	12/06/2018		(NONE)			SMRT283R3S (GEN)	594
5962-0622101HXA	C	11/01/2018		(NONE)			SMRT2805S (GEN)	594
5962F0622101KXA	C	11/01/2018		(NONE)			SMRT2805S (GEN)	594
5962L0622101EXA	C	11/01/2018	3B	CRANE		Y	SMRT2805S/EKL	594
5962L0622101EXC	C	11/01/2018	3B	CRANE		Y	SMRT2805S/EKL	594
5962L0622101HXA	C	11/01/2018		(NONE)			SMRT2805S (GEN)	594
5962L0622101KXA	C	11/01/2018		(NONE)			SMRT2805S (GEN)	594
5962P0622101EXA	C	11/01/2018	3B	CRANE		Y	SMRT2805S/EKP	594
5962P0622101EXC	C	11/01/2018	3B	CRANE		Y	SMRT2805S/EKP	594
5962P0622101HXA	C	11/01/2018		(NONE)			SMRT2805S (GEN)	594
5962P0622101KXA	C	11/01/2018		(NONE)			SMRT2805S (GEN)	594
5962R0622101EXA	C	11/01/2018	3B	CRANE		Y	SMRT2805S/EKR	594
5962R0622101EXC	C	11/01/2018	3B	CRANE		Y	SMRT2805S/EKR	594
5962R0622101HXA	C	11/01/2018		(NONE)			SMRT2805S (GEN)	594
5962R0622101KXA	C	11/01/2018		(NONE)			SMRT2805S (GEN)	594
5962-0622201HXA	B	11/26/2018		(NONE)			SMRT2815S (GEN)	594
5962F0622201KXA	B	11/26/2018		(NONE)			SMRT2815S (GEN)	594
5962L0622201EXA	B	11/26/2018	3B	CRANE		Y	SMRT2815S/EKL	594
5962L0622201EXC	B	11/26/2018	3B	CRANE		Y	SMRT2815S/EKL	594
5962P0622201EXA	B	11/26/2018	3B	CRANE		Y	SMRT2815S/EKP	594
5962P0622201EXC	B	11/26/2018	3B	CRANE		Y	SMRT2815S/EKP	594
5962P0622201HXA	B	11/26/2018		(NONE)			SMRT2815S (GEN)	594
5962P0622201KXA	B	11/26/2018		(NONE)			SMRT2815S (GEN)	594
5962R0622201EXA	B	11/26/2018	3B	CRANE		Y	SMRT2815S/EKR	594
5962R0622201EXC	B	11/26/2018	3B	CRANE		Y	SMRT2815S/EKR	594
5962R0622201HXA	B	11/26/2018		(NONE)			SMRT2815S (GEN)	594
5962R0622201KXA	B	11/26/2018		(NONE)			SMRT2815S (GEN)	594
5962-0622301HXA	C	12/06/2018		(NONE)			SMRT2805D (GEN)	594
5962F0622301KXA	C	12/06/2018		(NONE)			SMRT2805D (GEN)	594
5962L0622301EXA	C	12/06/2018	3B	CRANE		Y	SMRT2805D/EKL	594
5962L0622301EXC	C	12/06/2018	3B	CRANE		Y	SMRT2805D/EKL	594
5962L0622301HXA	C	12/06/2018		(NONE)			SMRT2805D (GEN)	594
5962L0622301KXA	C	12/06/2018		(NONE)			SMRT2805D (GEN)	594
5962P0622301EXA	C	12/06/2018	3B	CRANE		Y	SMRT2805D/EKP	594
5962P0622301EXC	C	12/06/2018	3B	CRANE		Y	SMRT2805D/EKP	594
5962P0622301HXA	C	12/06/2018		(NONE)			SMRT2805D (GEN)	594
5962P0622301KXA	C	12/06/2018		(NONE)			SMRT2805D (GEN)	594
5962R0622301EXA	C	12/06/2018	3B	CRANE		Y	SMRT2805D/EKR	594
5962R0622301EXC	C	12/06/2018	3B	CRANE		Y	SMRT2805D/EKR	594
5962R0622301HXA	C	12/06/2018		(NONE)			SMRT2805D (GEN)	594
5962R0622301KXA	C	12/06/2018		(NONE)			SMRT2805D (GEN)	594
5962-0622401HXA	C	11/26/2018		(NONE)			SMRT2815D (GEN)	594
5962F0622401KXA	C	11/26/2018		(NONE)			SMRT2815D (GEN)	594

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5962L0622401EXA	C	11/26/2018	3B	CRANE		Y SMRT2815D/EKL		594
5962L0622401EXC	C	11/26/2018	3B	CRANE		Y SMRT2815D/EKL		594
5962L0622401HXA	C	11/26/2018		(NONE)		SMRT2815D (GEN)		594
5962L0622401KXA	C	11/26/2018		(NONE)		SMRT2815D (GEN)		594
5962P0622401EXA	C	11/26/2018	3B	CRANE		Y SMRT2815D/EKP		594
5962P0622401EXC	C	11/26/2018	3B	CRANE		Y SMRT2815D/EKP		594
5962P0622401HXA	C	11/26/2018		(NONE)		SMRT2815D (GEN)		594
5962P0622401KXA	C	11/26/2018		(NONE)		SMRT2815D (GEN)		594
5962R0622401EXA	C	11/26/2018	3B	CRANE		Y SMRT2815D/EKR		594
5962R0622401EXC	C	11/26/2018	3B	CRANE		Y SMRT2815D/EKR		594
5962R0622401HXA	C	11/26/2018		(NONE)		SMRT2815D (GEN)		594
5962R0622401KXA	C	11/26/2018		(NONE)		SMRT2815D (GEN)		594
5962-0622501HXA	B	01/02/2019		(NONE)		SMRT28512T (GEN)		594
5962F0622501KXA	B	01/02/2019		(NONE)		SMRT28512T (GEN)		594
5962L0622501EXA	B	01/02/2019	3B	CRANE		Y SMRT28512T/EKL		594
5962L0622501EXC	B	01/02/2019	3B	CRANE		Y SMRT28512T/EKL		594
5962P0622501EXA	B	01/02/2019	3B	CRANE		Y SMRT28512T/EKP		594
5962P0622501EXC	B	01/02/2019	3B	CRANE		Y SMRT28512T/EKP		594
5962P0622501HXA	B	01/02/2019		(NONE)		SMRT28512T (GEN)		594
5962P0622501KXA	B	01/02/2019		(NONE)		SMRT28512T (GEN)		594
5962R0622501EXA	B	01/02/2019	3B	CRANE		Y SMRT28512T/EKR		594
5962R0622501EXC	B	01/02/2019	3B	CRANE		Y SMRT28512T/EKR		594
5962R0622501HXA	B	01/02/2019		(NONE)		SMRT28512T (GEN)		594
5962R0622501KXA	B	01/02/2019		(NONE)		SMRT28512T (GEN)		594
5962-0622601HXA	E	11/01/2018		(NONE)		SMRT28515T (GEN)		594
5962F0622601KXA	E	11/01/2018		(NONE)		SMRT28515T (GEN)		594
5962L0622601EXA	E	11/01/2018	3B	CRANE		Y SMRT28515T/EKL		594
5962L0622601EXC	E	11/01/2018	3B	CRANE		Y SMRT28515T/EKL		594
5962L0622601HXA	E	11/01/2018		(NONE)		SMRT28515T (GEN)		594
5962L0622601KXA	E	11/01/2018		(NONE)		SMRT28515T (GEN)		594
5962P0622601EXA	E	11/01/2018	3B	CRANE		Y SMRT28515T/EKP		594
5962P0622601EXC	E	11/01/2018	3B	CRANE		Y SMRT28515T/EKP		594
5962P0622601HXA	E	11/01/2018		(NONE)		SMRT28515T (GEN)		594
5962P0622601KXA	E	11/01/2018		(NONE)		SMRT28515T (GEN)		594
5962R0622601EXA	E	11/01/2018	3B	CRANE		Y SMRT28515T/EKR		594
5962R0622601EXC	E	11/01/2018	3B	CRANE		Y SMRT28515T/EKR		594
5962R0622601HXA	E	11/01/2018		(NONE)		SMRT28515T (GEN)		594
5962R0622601KXA	E	11/01/2018		(NONE)		SMRT28515T (GEN)		594
5962-0622901QXC	F	09/18/2018	2	ATMEL NANTES		Y AT68166FT-YM25MQ		629
5962-0622901VXC	F	09/18/2018	2	ATMEL NANTES		Y AT68166FT-YM25SV		629
5962R0622901VXC	F	09/18/2018	2	ATMEL NANTES		Y AT68166FT-YM25SR		629
5962-0622902QXC	F	09/18/2018	3	ATMEL NANTES		Y AT68166F-YM20MQ		629
5962-0622902VXC	F	09/18/2018	3	ATMEL NANTES		Y AT68166F-YM20MV		629
5962R0622902VXC	F	09/18/2018	3	ATMEL NANTES		Y AT68166F-YM20SR		629
5962-0622903QYC	F	09/18/2018	2	ATMEL NANTES		Y AT68166FT-YS20MQ		629
5962-0622903VYC	F	09/18/2018	2	ATMEL NANTES		Y AT68166FT-YS20SV		629
5962R0622903VYC	F	09/18/2018	2	ATMEL NANTES		Y AT68166FT-YS20SR		629
5962-0622904QYC	F	09/18/2018	3	ATMEL NANTES		Y AT68166F-YS18MQ		629
5962-0622904VYC	F	09/18/2018	3	ATMEL NANTES		Y AT68166F-YS18SV		629

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5962R0622904VYC	F	09/18/2018	3	ATMEL NANTES		Y AT68166F-YS18SR		629
5962-0622905QYC	F	09/18/2018	2	ATMEL NANTES		Y AT68166HT-YS20MQ		629
5962-0622905VYC	F	09/18/2018	2	ATMEL NANTES		Y AT68166HT-YS20SV		629
5962R0622905VYC	F	09/18/2018	2	ATMEL NANTES		Y AT68166HT-YS20SR		629
5962-0622906QYC	F	09/18/2018	3	ATMEL NANTES		Y AT68166H-YS18MQ		629
5962-0622906VYC	F	09/18/2018	3	ATMEL NANTES		Y AT68166H-YS18SV		629
5962R0622906VYC	F	09/18/2018	3	ATMEL NANTES		Y AT68166H-YS18SR		629
5962-0622907QXC	F	09/18/2018	2	ATMEL NANTES		Y AT68166HT-YM25MQ		629
5962-0622907VXC	F	09/18/2018	2	ATMEL NANTES		Y AT68166HT-YM25SV		629
5962R0622907VXC	F	09/18/2018	2	ATMEL NANTES		Y AT68166HT-YM25SR		629
5962-0622908QXC	F	09/18/2018	3	ATMEL NANTES		Y AT68166H-YM20MQ		629
5962-0622908VXC	F	09/18/2018	3	ATMEL NANTES		Y AT68166H-YM20SV		629
5962R0622908VXC	F	09/18/2018	3	ATMEL NANTES		Y AT68166H-YM20SR		629
5962-0623101HUA	B	02/14/2017	1	INTER. RECT.2		Y AHP27025SW/CH		594
5962-0623101HUC	B	02/14/2017	1	INTER. RECT.2		Y AHP27025SW/CH		594
5962-0623101HXA	B	02/14/2017	1	INTER. RECT.2		Y AHP27025SX/CH		594
5962-0623101HXC	B	02/14/2017	1	INTER. RECT.2		Y AHP27025SX/CH		594
5962-0623101HYA	B	02/14/2017	1	INTER. RECT.2		Y AHP27025SY/CH		594
5962-0623101HYC	B	02/14/2017	1	INTER. RECT.2		Y AHP27025SY/CH		594
5962-0623101HZA	B	02/14/2017	1	INTER. RECT.2		Y AHP27025SZ/CH		594
5962-0623101HZA	B	02/14/2017	1	INTER. RECT.2		Y AHP27025SZ/CH		594
5962R0623201QXA		07/06/2006	1	COBHAM		Y UT200SpWXCA		590
5962R0623201QXC		07/06/2006	1	COBHAM		Y UT200SpWXCC		590
5962R0623201VXA		07/06/2006	1	COBHAM		Y UT200SpWXCA		590
5962R0623201VXC		07/06/2006	1	COBHAM		Y UT200SpWXCC		590
5962R0623202QXA		07/06/2006	1	COBHAM		Y UT200SpWXWA		590
5962R0623202QXC		07/06/2006	1	COBHAM		Y UT200SpWXWC		590
5962R0623202VXA		07/06/2006	1	COBHAM		Y UT200SpWXWA		590
5962R0623202VXC		07/06/2006	1	COBHAM		Y UT200SpWXWC		590
5962H0623301Q9A	C	04/27/2016	3A	COBHAM		Y UT54ALVC2525H-QDIE		550
5962H0623301V9A	C	04/27/2016	3A	COBHAM		Y UT54ALVC2525H-VDIE		550
5962H0623301QXA	C	04/27/2016	3A	COBHAM		Y UT54ALVC2525		550
5962H0623301QXC	C	04/27/2016	3A	COBHAM		Y UT54ALVC2525		550
5962H0623301VXA	C	04/27/2016	3A	COBHAM		Y UT54ALVC2525		550
5962H0623301VXC	C	04/27/2016	3A	COBHAM		Y UT54ALVC2525		550
5962R0623302Q9A	C	04/27/2016	3A	COBHAM		Y UT54ALVC2525R-QDIE		550
5962R0623302V9A	C	04/27/2016	3A	COBHAM		Y UT54ALVC2525R-VDIE		550
5962R0623302QXA	C	04/27/2016	3A	COBHAM		Y UT54ALVC2525		550
5962R0623302QXC	C	04/27/2016	3A	COBHAM		Y UT54ALVC2525		550
5962R0623302VXA	C	04/27/2016	3A	COBHAM		Y UT54ALVC2525		550
5962R0623302VXC	C	04/27/2016	3A	COBHAM		Y UT54ALVC2525		550
5962R0623401QXA	A	10/23/2012	1B	COBHAM		Y UT54ACS164646SUCA		590
5962R0623401QXC	A	10/23/2012	1B	COBHAM		Y UT54ACS164646SUCC		590
5962R0623401VXA	A	10/23/2012	1B	COBHAM		Y UT54ACS164646SUCA		590
5962R0623401VXC	A	10/23/2012	1B	COBHAM		Y UT54ACS164646SUCC		590
5962-0623501QPC	A	02/04/2013		(NONE)	12/10/2015	EL8102 (GEN)		739
5962-0623502QPC	A	02/04/2013		(NONE)	12/10/2015	EL8103 (GEN)		739
5962-0623601QPC	A	02/04/2013		(NONE)	12/10/2015	EL5132 (GEN)		702
5962-0623602QPC	A	02/04/2013		(NONE)	12/10/2015	EL5133 (GEN)		702

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5962F0623701V9A	E	04/05/2018	2	STMICRO		Y RHF43BDIE2V		739
5962F0623701QXA	E	04/05/2018	2	STMICRO		Y RHF43BK-02Q		739
5962F0623701QXC	E	04/05/2018	2	STMICRO		Y RHF43BK-01Q		739
5962F0623701VXA	E	04/05/2018	2	STMICRO		Y RHF43BK-02V		739
5962F0623701VXC	E	04/05/2018	2	STMICRO		Y RHF43BK-01V		739
5962R0623801Q9A	D	11/08/2012	1B	COBHAM		Y UT54ACS299E-Q-DIE		249
5962R0623801V9A	D	11/08/2012	1B	COBHAM		Y UT54ACS299E-V-DIE		249
5962R0623801QXA	D	11/08/2012	1B	COBHAM		Y UT54ACS299EUCA		249
5962R0623801QXC	D	11/08/2012	1B	COBHAM		Y UT54ACS299EUCC		249
5962R0623801VXA	D	11/08/2012	1B	COBHAM		Y UT54ACS299EUCA		249
5962R0623801VXC	D	11/08/2012	1B	COBHAM		Y UT54ACS299EUCC		249
5962R0623901QXA	D	01/25/2013	1B	COBHAM		Y UT54ACS630UCA		355
5962R0623901QXC	D	01/25/2013	1B	COBHAM		Y UT54ACS630UCC		355
5962R0623901VXA	D	01/25/2013	1B	COBHAM		Y UT54ACS630UCA		355
5962R0623901VXC	D	01/25/2013	1B	COBHAM		Y UT54ACS630UCC		355
5962R0624001QXA	D	11/08/2012	1B	COBHAM		Y UT54ACTS899-UCA		590
5962R0624001QXC	D	11/08/2012	1B	COBHAM		Y UT54ACTS899-UCC		590
5962R0624001VXA	D	11/08/2012	1B	COBHAM		Y UT54ACTS899-UCA		590
5962R0624001VXC	D	11/08/2012	1B	COBHAM		Y UT54ACTS899-UCC		590
5962-0624101KXA	B	07/02/2013	1C	INTER. RECT.2		Y LS2812S		594
5962-0624101KXC	B	07/02/2013	1C	INTER. RECT.2		Y LS2812S		594
5962-0624101KYA	B	07/02/2013	1C	INTER. RECT.2		Y LS2812SN/CKA		594
5962-0624101KYC	B	07/02/2013	1C	INTER. RECT.2		Y LS2812SN/CKC		594
5962-0624201KXA	B	07/02/2013	1C	INTER. RECT.2		Y LS2815S		594
5962-0624201KXC	B	07/02/2013	1C	INTER. RECT.2		Y LS2815S		594
5962-0624201KYA	B	07/02/2013	1C	INTER. RECT.2		Y LS2815SN/CKA		594
5962-0624201KYC	B	07/02/2013	1C	INTER. RECT.2		Y LS2815SN/CKC		594
5962R0624301QXA	C	11/15/2012	2	COBHAM		Y UT54ACTQ16244-UCA		529
5962R0624301QXC	C	11/15/2012	2	COBHAM		Y UT54ACTQ16244-UCC		529
5962R0624301VXA	C	11/15/2012	2	COBHAM		Y UT54ACTQ16244-UCA		529
5962R0624301VXC	C	11/15/2012	2	COBHAM		Y UT54ACTQ16244-UCC		529
5962R0624401QXA	C	11/15/2012	2	COBHAM		Y UT54ACTQ16245-UCA		590
5962R0624401QXC	C	11/15/2012	2	COBHAM		Y UT54ACTQ16245-UCC		590
5962R0624401VXA	C	11/15/2012	2	COBHAM		Y UT54ACTQ16245-UCA		590
5962R0624401VXC	C	11/15/2012	2	COBHAM		Y UT54ACTQ16245-UCC		590
5962R0624501Q9A	D	11/19/2012	2	COBHAM		Y UT54ACTQ16374-Q-DIE		158
5962R0624501V9A	D	11/19/2012	2	COBHAM		Y UT54ACTQ16374-V-DIE		158
5962R0624501QXA	D	11/19/2012	2	COBHAM		Y UT54ACTQ16374-UCA		158
5962R0624501QXC	D	11/19/2012	2	COBHAM		Y UT54ACTQ16374-UCC		158
5962R0624501VXA	D	11/19/2012	2	COBHAM		Y UT54ACTQ16374-UCA		158
5962R0624501VXC	D	11/19/2012	2	COBHAM		Y UT54ACTQ16374-UCC		158
5962-0625001VCA	A	10/26/2017	1C	TI		Y SNJ54S02J		120
5962-0625101KXA	E	12/13/2016		(NONE)		PWM5031 (GEN)		899
5962-0625102KXA	E	12/13/2016	1A	AEROFLEX		Y PWM5032-001-2S		899
5962-0625102KXC	E	12/13/2016	1A	AEROFLEX		Y PWM5032-001-1S		899
5962-0625102KYC	E	12/13/2016	1A	AEROFLEX		Y PWM5034-001-1S		899
5962-0625201HXA	A	01/15/2015		(NONE)		MSK1692H (GEN)		183
5962-0625201HXC	A	01/15/2015	1C	ANAREN		Y MSK1692H		183
5962-0625301HXA	B	08/12/2014		(NONE)		MSK1691H (GEN)		773

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5962-0625301HXC	B	08/12/2014	1	ANAREN		Y	MSK1691H	773
5962-0625501QHC	B	02/11/2013		(NONE)			EL5106 (GEN)	899
5962-0625501QXC	B	02/11/2013		(NONE)	12/10/2015		EL5106 (GEN)	899
5962-0625601QHC	B	12/06/2012		(NONE)			EL5166 (GEN)	752
5962-0625601QXC	B	12/06/2012		(NONE)	08/12/2010		EL5166 (GEN)	752
5962-0625602QHC	B	12/06/2012		(NONE)			EL5167 (GEN)	752
5962-0625602QXC	B	12/06/2012		(NONE)	08/12/2010		EL5167 (GEN)	752
5962-0625701HXA	A	06/13/2016	1	SPECTRUM (2)		Y	MN6500SMXA	592
5962-0625701HXC	A	06/13/2016	1	SPECTRUM (2)		Y	MN6500SMXC	592
5962-0625801HXA		09/14/2006	1	SPECTRUM (2)		Y	MN5120MXA	592
5962-0625801HXC		09/14/2006	1	SPECTRUM (2)		Y	MN5120MXC	592
5962-0625802HXA		09/14/2006	1	SPECTRUM (2)		Y	MN5121MXA	592
5962-0625802HXC		09/14/2006	1	SPECTRUM (2)		Y	MN5121MXC	592
5962-0625803HXA		09/14/2006	1	SPECTRUM (2)		Y	MN5122MXA	592
5962-0625803HXC		09/14/2006	1	SPECTRUM (2)		Y	MN5122MXC	592
5962-0625804HXA		09/14/2006	1	SPECTRUM (2)		Y	MN5123MXA	592
5962-0625804HXC		09/14/2006	1	SPECTRUM (2)		Y	MN5123MXC	592
5962-0625901HXA	A	07/07/2016	1	SPECTRUM (2)		Y	MN5130MXA	592
5962-0625901HXC	A	07/07/2016	1	SPECTRUM (2)		Y	MN5130MXC	592
5962-0625902HXA	A	07/07/2016	1	SPECTRUM (2)		Y	MN5131MXA	592
5962-0625902HXC	A	07/07/2016	1	SPECTRUM (2)		Y	MN5131MXC	592
5962-0625903HXA	A	07/07/2016	1	SPECTRUM (2)		Y	MN5132MXA	592
5962-0625903HXC	A	07/07/2016	1	SPECTRUM (2)		Y	MN5132MXC	592
5962-0625904HXA	A	07/07/2016	1	SPECTRUM (2)		Y	MN5133MXA	592
5962-0625904HXC	A	07/07/2016	1	SPECTRUM (2)		Y	MN5133MXC	592
5962F0626001VXC	B	03/05/2018	2	STMICRO		Y	RHF1401KSO-01V	592
5962R0626101QXA	D	05/11/2018		(NONE)			UT8ER512K32M-21 (GEN)	629
5962R0626101VXA	D	05/11/2018		(NONE)			UT8ER512K32M-21 (GEN)	629
5962R0626102QXA	D	05/11/2018		(NONE)			UT8ER512K32M-21 (GEN)	629
5962R0626102VXA	D	05/11/2018		(NONE)			UT8ER512K32M-21 (GEN)	629
5962R0626103QXA	D	05/11/2018		(NONE)			UT8ER512K32S-21 (GEN)	629
5962R0626103VXA	D	05/11/2018		(NONE)			UT8ER512K32S-21 (GEN)	629
5962R0626104QXA	D	05/11/2018		(NONE)			UT8ER512K32S-21 (GEN)	629
5962R0626104VXA	D	05/11/2018		(NONE)			UT8ER512K32S-21 (GEN)	629
5962R0626105QXA	D	05/11/2018	2	COBHAM		Y	UT8ER512K32M-21WCA	629
5962R0626105QXC	D	05/11/2018	2	COBHAM		Y	UT8ER512K32M-21WCC	629
5962R0626105VXA	D	05/11/2018	2	COBHAM		Y	UT8ER512K32M-21WCA	629
5962R0626105VXC	D	05/11/2018	2	COBHAM		Y	UT8ER512K32M-21WCC	629
5962R0626106QXA	D	05/11/2018	2	COBHAM		Y	UT8ER512K32S-21WCA	629
5962R0626106QXC	D	05/11/2018	2	COBHAM		Y	UT8ER512K32S-21WCC	629
5962R0626106VXA	D	05/11/2018	2	COBHAM		Y	UT8ER512K32S-21WCA	629
5962R0626106VXC	D	05/11/2018	2	COBHAM		Y	UT8ER512K32S-21WCA	629
5962R0626201VXC		05/16/2018	2	TI		Y	ADC14155-RHA	592
5962-06A0101QXA	A	12/02/2016	1	MICROSS		Y	AS2004CW-25	365
5962-06A0201NXB		06/21/2006		(NONE)			19714-001 (GEN)	365
5962F06B0101Q8C	D	02/24/2016	2	HONEYWELL (1)		Y	HX303G	365
5962F06B0101V8C	D	02/24/2016	2	HONEYWELL (1)		Y	HX303G	365
5962F06B0101QXC	D	02/24/2016	2	HONEYWELL (1)		Y	HX303G	365
5962F06B0101VXC	D	02/24/2016	2	HONEYWELL (1)		Y	HX303G	365



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5962F06B0101QYC	D	02/24/2016		(NONE)			HX303G (GEN)	365
5962F06B0101VYC	D	02/24/2016		(NONE)			HX303G (GEN)	365
5962F06B0102QMC	D	02/24/2016	2	HONEYWELL (1)		Y	HX306G	365
5962F06B0102VMC	D	02/24/2016	2	HONEYWELL (1)		Y	HX306G	365
5962F06B0102QUC	D	02/24/2016	2	HONEYWELL (1)		Y	HX306G	365
5962F06B0102VUC	D	02/24/2016	2	HONEYWELL (1)		Y	HX306G	365
5962F06B0102QZC	D	02/24/2016	2	HONEYWELL (1)		Y	HX306G	365
5962F06B0102VZC	D	02/24/2016	2	HONEYWELL (1)		Y	HX306G	365
5962F06B0103Q4C	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0103V4C	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0103Q5C	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0103V5C	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0103Q6C	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0103V6C	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0103Q7C	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0103V7C	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0103QMC	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0103VMC	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0103QTC	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0103VTC	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0103QUC	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0103VUC	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0104Q7C	D	02/24/2016	2	HONEYWELL (1)		Y	HX314G	365
5962F06B0104V7C	D	02/24/2016	2	HONEYWELL (1)		Y	HX314G	365
5962F06B0104QNC	D	02/24/2016	2	HONEYWELL (1)		Y	HX314G	365
5962F06B0104VNC	D	02/24/2016	2	HONEYWELL (1)		Y	HX314G	365
5962F06B0104QYC	D	02/24/2016	2	HONEYWELL (1)		Y	HX314G	365
5962F06B0104VYC	D	02/24/2016	2	HONEYWELL (1)		Y	HX314G	365
5962F06B0105Q8C	D	02/24/2016	2	HONEYWELL (1)		Y	HX303G	365
5962F06B0105V8C	D	02/24/2016	2	HONEYWELL (1)		Y	HX303G	365
5962F06B0105QXC	D	02/24/2016	2	HONEYWELL (1)		Y	HX303G	365
5962F06B0105VXC	D	02/24/2016	2	HONEYWELL (1)		Y	HX303G	365
5962F06B0106QMC	D	02/24/2016	2	HONEYWELL (1)		Y	HX306G	365
5962F06B0106VMC	D	02/24/2016	2	HONEYWELL (1)		Y	HX306G	365
5962F06B0106QUC	D	02/24/2016	2	HONEYWELL (1)		Y	HX306G	365
5962F06B0106VUC	D	02/24/2016	2	HONEYWELL (1)		Y	HX306G	365
5962F06B0106QZC	D	02/24/2016	2	HONEYWELL (1)		Y	HX306G	365
5962F06B0106VZC	D	02/24/2016	2	HONEYWELL (1)		Y	HX306G	365
5962F06B0107Q4C	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0107V4C	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0107Q5C	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0107V5C	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0107Q6C	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0107V6C	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0107Q7C	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0107V7C	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0107QMC	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0107VMC	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365
5962F06B0107QTC	D	02/24/2016	2	HONEYWELL (1)		Y	HX311G	365

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962F06B0107VTC	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0107QUC	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0107VUC	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0108Q7C	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0108V7C	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0108QNC	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0108VNC	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0108QYC	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0108VYC	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0109Q8C	D	02/24/2016	2	HONEYWELL (1)		Y HX303G		365
5962F06B0109V8C	D	02/24/2016	2	HONEYWELL (1)		Y HX303G		365
5962F06B0109QXC	D	02/24/2016	2	HONEYWELL (1)		Y HX303G		365
5962F06B0109VXC	D	02/24/2016	2	HONEYWELL (1)		Y HX303G		365
5962F06B0110QMC	D	02/24/2016	2	HONEYWELL (1)		Y HX306G		365
5962F06B0110VMC	D	02/24/2016	2	HONEYWELL (1)		Y HX306G		365
5962F06B0110QUC	D	02/24/2016	2	HONEYWELL (1)		Y HX306G		365
5962F06B0110VUC	D	02/24/2016	2	HONEYWELL (1)		Y HX306G		365
5962F06B0110QZC	D	02/24/2016	2	HONEYWELL (1)		Y HX306G		365
5962H06B0110VZC	D	02/24/2016	2	HONEYWELL (1)		Y HX306G		365
5962F06B0111Q4C	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0111V4C	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0111Q5C	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0111V5C	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0111Q6C	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0111V6C	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0111Q7C	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0111V7C	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0111QMC	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0111VMC	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0111QTC	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0111VTC	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0111QUC	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0111VUC	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0112Q7C	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0112V7C	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0112QNC	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0112VNC	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0112QYC	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0112VYC	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0113Q8C	D	02/24/2016	2	HONEYWELL (1)		Y HX303G		365
5962F06B0113V8C	D	02/24/2016	2	HONEYWELL (1)		Y HX303G		365
5962F06B0113QXC	D	02/24/2016	2	HONEYWELL (1)		Y HX303G		365
5962F06B0113VXC	D	02/24/2016	2	HONEYWELL (1)		Y HX303G		365
5962F06B0114QMC	D	02/24/2016	2	HONEYWELL (1)		Y HX306G		365
5962F06B0114VMC	D	02/24/2016	2	HONEYWELL (1)		Y HX306G		365
5962F06B0114QUC	D	02/24/2016	2	HONEYWELL (1)		Y HX306G		365
5962F06B0114VUC	D	02/24/2016	2	HONEYWELL (1)		Y HX306G		365
5962F06B0114QZC	D	02/24/2016	2	HONEYWELL (1)		Y HX306G		365
5962F06B0114VZC	D	02/24/2016	2	HONEYWELL (1)		Y HX306G		365

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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962F06B0115Q4C	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0115V4C	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0115Q5C	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0115V5C	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0115Q6C	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0115V6C	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0115Q7C	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0115V7C	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0115QMC	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0115VMC	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0115QTC	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0115VTC	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0115QUC	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0115VUC	D	02/24/2016	2	HONEYWELL (1)		Y HX311G		365
5962F06B0116Q7C	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0116V7C	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0116QNC	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0116VNC	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0116QYC	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0116VYC	D	02/24/2016	2	HONEYWELL (1)		Y HX314G		365
5962F06B0116QZC	D	02/24/2016		(NONE)		HX314G (GEN)		365
5962F06B0116VZC	D	02/24/2016		(NONE)		HX314G (GEN)		365
5962F06B0117Q8C	D	02/24/2016	2	HONEYWELL (1)		Y HX303P		365
5962F06B0117V8C	D	02/24/2016	2	HONEYWELL (1)		Y HX303P		365
5962F06B0117QXC	D	02/24/2016	2	HONEYWELL (1)		Y HX303P		365
5962F06B0117VXC	D	02/24/2016	2	HONEYWELL (1)		Y HX303P		365
5962F06B0118QMC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0118VMC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0118QUC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0118VUC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0118QZC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0118VZC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0119Q4C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0119V4C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0119Q5C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0119V5C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0119Q6C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0119V6C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0119Q7C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0119V7C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0119QMC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0119VMC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0119QTC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0119VTC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0119QUC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0119VUC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0120Q7C	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0120V7C	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0120QNC	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365

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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962F06B0120VNC	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0120QYC	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0120VYC	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0121Q8C	D	02/24/2016	2	HONEYWELL (1)		Y HX303P		365
5962F06B0121V8C	D	02/24/2016	2	HONEYWELL (1)		Y HX303P		365
5962F06B0121QXC	D	02/24/2016	2	HONEYWELL (1)		Y HX303P		365
5962F06B0121VXC	D	02/24/2016	2	HONEYWELL (1)		Y HX303P		365
5962F06B0122QMC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0122VMC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0122QUC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0122VUC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0122QZC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0122VZC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0123Q4C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0123V4C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0123Q5C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0123V5C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0123Q6C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0123V6C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0123Q7C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0123V7C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0123QMC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0123VMC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0123QTC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0123VTC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0123QUC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0123VUC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0124Q7C	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0124V7C	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0124QNC	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0124VNC	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0124QYC	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0124VYC	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0125Q8C	D	02/24/2016	2	HONEYWELL (1)		Y HX303P		365
5962F06B0125V8C	D	02/24/2016	2	HONEYWELL (1)		Y HX303P		365
5962F06B0125QXC	D	02/24/2016	2	HONEYWELL (1)		Y HX303P		365
5962F06B0125VXC	D	02/24/2016	2	HONEYWELL (1)		Y HX303P		365
5962F06B0126QMC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0126VMC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0126QUC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0126VUC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0126QZC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0126VZC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0127Q4C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0127V4C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0127Q5C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0127V5C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0127Q6C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0127V6C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962F06B0127Q7C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0127V7C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0127QMC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0127VMC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0127QTC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0127VTC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0127QUC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0127VUC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0128Q7C	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0128V7C	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0128QNC	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0128VNC	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0128QYC	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0128VYC	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0129Q8C	D	02/24/2016	2	HONEYWELL (1)		Y HX303P		365
5962F06B0129V8C	D	02/24/2016	2	HONEYWELL (1)		Y HX303P		365
5962F06B0129QXC	D	02/24/2016	2	HONEYWELL (1)		Y HX303P		365
5962F06B0129VXC	D	02/24/2016	2	HONEYWELL (1)		Y HX303P		365
5962F06B0130QMC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0130VMC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0130QUC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0130VUC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0130QZC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0130VZC	D	02/24/2016	2	HONEYWELL (1)		Y HX306P		365
5962F06B0131Q4C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0131V4C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0131Q5C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0131V5C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0131Q6C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0131V6C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0131Q7C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0131V7C	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0131QMC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0131VMC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0131QTC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0131VTC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0131QUC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0131VUC	D	02/24/2016	2	HONEYWELL (1)		Y HX311P		365
5962F06B0132Q7C	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0132V7C	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0132QNC	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0132VNC	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0132QYC	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962F06B0132VYC	D	02/24/2016	2	HONEYWELL (1)		Y HX314P		365
5962-06B0201QXC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_216KExxx-MQ		365
5962-06B0201VXC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_216KExxx-SV		365
5962R06B0201VXC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_216KExxx-SR		365
5962-06B0201QYC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_216KBxxx-MQ		365
5962-06B0201VYC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_216KBxxx-SV		365



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962R06B0201VYC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_216KBxxx-SR		365
5962-06B0202Q7C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324BGxxx-MQ		365
5962-06B0202V7C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324BGxxx-SV		365
5962R06B0202V7C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324BGxxx-SR		365
5962-06B0202QNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_3242Uxxx-MQ		365
5962-06B0202VNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_3242Uxxx-SV		365
5962R06B0202VNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_3242Uxxx-SR		365
5962-06B0202QTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_3242Hxxx-MQ		365
5962-06B0202VTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_3242Hxxx-SV		365
5962R06B0202VTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_3242Hxxx-SR		365
5962-06B0202QUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324YFxxx-MQ		365
5962-06B0202VUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324YFxxx-SV		365
5962R06B0202VUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324YFxxx-SR		365
5962-06B0202QYC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324KBxxx-MQ		365
5962-06B0202VYC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324KBxxx-SV		365
5962R06B0202VYC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324KBxxx-SR		365
5962-06B0202QZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324KAXxx-MQ		365
5962-06B0202VZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324KAXxx-SV		365
5962R06B0202VZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324KAXxx-SR		365
5962-06B0203Q4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Vxxx-MQ		365
5962-06B0203V4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Vxxx-SV		365
5962R06B0203V4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Vxxx-SR		365
5962-06B0203Q5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Kxxx-MQ		365
5962-06B0203V5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Kxxx-SV		365
5962R06B0203V5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Kxxx-SR		365
5962-06B0203Q6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Wxxx-MQ		365
5962-06B0203V6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Wxxx-SV		365
5962R06B0203V6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Wxxx-SR		365
5962-06B0203Q7C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404BGxxx-MQ		365
5962-06B0203V7C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404BGxxx-SV		365
5962R06B0203V7C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404BGxxx-SR		365
5962-06B0203QMB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Gxxx-MQ		365
5962-06B0203VMB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Gxxx-SV		365
5962R06B0203VMB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Gxxx-SR		365
5962-06B0203QNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Uxxx-MQ		365
5962-06B0203VNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Uxxx-SV		365
5962R06B0203VNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Uxxx-SR		365
5962-06B0203QTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Hxxx-MQ		365
5962-06B0203VTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Hxxx-SV		365
5962R06B0203VTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Hxxx-SR		365
5962-06B0203QUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404YFxxx-MQ		365
5962-06B0203VUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404YFxxx-SV		365
5962R06B0203VUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404YFxxx-SR		365
5962-06B0203QZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404KAXxx-MQ		365
5962-06B0203VZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404KAXxx-SV		365
5962R06B0203VZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404KAXxx-SR		365
5962-06B0204Q4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Vxxx-MQ		365
5962-06B0204V4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Vxxx-SV		365
5962R06B0204V4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Vxxx-SR		365

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-06B0204Q5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Kxxx-MQ		365
5962-06B0204V5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Kxxx-SV		365
5962R06B0204V5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Kxxx-SR		365
5962-06B0204Q6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Wxxx-MQ		365
5962-06B0204V6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Wxxx-SV		365
5962R06B0204V6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Wxxx-SR		365
5962-06B0204QMB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Gxxx-MQ		365
5962-06B0204VMB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Gxxx-SV		365
5962R06B0204VMB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Gxxx-SR		365
5962-06B0204QNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Uxxx-MQ		365
5962-06B0204VNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Uxxx-SV		365
5962R06B0204VNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Uxxx-SR		365
5962-06B0204QTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Hxxx-MQ		365
5962-06B0204VTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Hxxx-SV		365
5962R06B0204VTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Hxxx-SR		365
5962-06B0204QUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_504YFxxx-MQ		365
5962-06B0204VUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_504YFxxx-SV		365
5962R06B0204VUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_504YFxxx-SR		365
5962-06B0204QZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_504KAXxx-MQ		365
5962-06B0204VZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_504KAXxx-SV		365
5962R06B0204VZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_504KAXxx-SR		365
5962-06B0205QXC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_216KExxx-MQ		365
5962-06B0205VXC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_216KExxx-SV		365
5962R06B0205VXC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_216KExxx-SR		365
5962-06B0205QYC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_216KBxxx-MQ		365
5962-06B0205VYC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_216KBxxx-SV		365
5962R06B0205VYC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_216KBxxx-SR		365
5962-06B0206Q7C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324BGxxx-MQ		365
5962-06B0206V7C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324BGxxx-SV		365
5962R06B0206V7C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324BGxxx-SR		365
5962-06B0206QNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_3242Uxxx-MQ		365
5962-06B0206VNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_3242Uxxx-SV		365
5962R06B0206VNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_3242Uxxx-SR		365
5962-06B0206QTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_3242Hxxx-MQ		365
5962-06B0206VTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_3242Hxxx-SV		365
5962R06B0206VTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_3242Hxxx-SR		365
5962-06B0206QUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324YFxxx-MQ		365
5962-06B0206VUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324YFxxx-SV		365
5962R06B0206VUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324YFxxx-SR		365
5962-06B0206QYC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324KBxxx-MQ		365
5962-06B0206VYC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324KBxxx-SV		365
5962R06B0206VYC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324KBxxx-SR		365
5962-06B0206QZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324KAXxx-MQ		365
5962-06B0206VZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324KAXxx-SV		365
5962R06B0206VZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_324KAXxx-SR		365
5962-06B0207Q4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Vxxx-MQ		365
5962-06B0207V4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Vxxx-SV		365
5962R06B0207V4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Vxxx-SR		365
5962-06B0207Q5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Kxxx-MQ		365

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-06B0207V5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Kxxx-SV		365
5962R06B0207V5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Kxxx-SR		365
5962-06B0207Q6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Wxxx-MQ		365
5962-06B0207V6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Wxxx-SV		365
5962R06B0207V6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Wxxx-SR		365
5962-06B0207Q7C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404BGxxx-MQ		365
5962-06B0207V7C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404BGxxx-SV		365
5962R06B0207V7C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404BGxxx-SR		365
5962-06B0207QMB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Gxxx-MQ		365
5962-06B0207VMB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Gxxx-SV		365
5962R06B0207VMB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Gxxx-SR		365
5962-06B0207QNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Uxxx-MQ		365
5962-06B0207VNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Uxxx-SV		365
5962R06B0207VNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Uxxx-SR		365
5962-06B0207QTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Hxxx-MQ		365
5962-06B0207VTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Hxxx-SV		365
5962R06B0207VTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_4042Hxxx-SR		365
5962-06B0207QUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404YFxxx-MQ		365
5962-06B0207VUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404YFxxx-SV		365
5962R06B0207VUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404YFxxx-SR		365
5962-06B0207QZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404KAxxx-MQ		365
5962-06B0207VZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404KAxxx-SV		365
5962R06B0207VZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_404KAxxx-SR		365
5962-06B0208Q4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Vxxx-MQ		365
5962-06B0208V4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Vxxx-SV		365
5962R06B0208V4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Vxxx-SR		365
5962-06B0208Q5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Kxxx-MQ		365
5962-06B0208V5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Kxxx-SV		365
5962R06B0208V5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Kxxx-SR		365
5962-06B0208Q6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Wxxx-MQ		365
5962-06B0208V6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Wxxx-SV		365
5962R06B0208V6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Wxxx-SR		365
5962-06B0208QMB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Gxxx-MQ		365
5962-06B0208VMB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Gxxx-SV		365
5962R06B0208VMB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Gxxx-SR		365
5962-06B0208QNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Uxxx-MQ		365
5962-06B0208VNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Uxxx-SV		365
5962R06B0208VNC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Uxxx-SR		365
5962-06B0208QTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Hxxx-MQ		365
5962-06B0208VTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Hxxx-SV		365
5962R06B0208VTB	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5042Hxxx-SR		365
5962-06B0208QUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_504YFxxx-MQ		365
5962-06B0208VUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_504YFxxx-SV		365
5962R06B0208VUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_504YFxxx-SR		365
5962-06B0208QZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_504KAxxx-MQ		365
5962-06B0208VZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_504KAxxx-SV		365
5962R06B0208VZC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_504KAxxx-SR		365
5962-06B0209Q4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Vxxx-MQ		365
5962-06B0209V4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Vxxx-SV		365

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5962R06B0209V4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Vxxx-SR		365
5962-06B0209Q5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Kxxx-MQ		365
5962-06B0209V5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Kxxx-SV		365
5962R06B0209V5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Kxxx-SR		365
5962-06B0209Q6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Wxxx-MQ		365
5962-06B0209V6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Wxxx-SV		365
5962R06B0209V6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Wxxx-SR		365
5962-06B0209QUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_544YFxxx-MQ		365
5962-06B0209VUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_544YFxxx-SV		365
5962R06B0209VUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_544YFxxx-SR		365
5962-06B0210Q4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Vxxx-MQ		365
5962-06B0210V4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Vxxx-SV		365
5962R06B0210V4C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Vxxx-SR		365
5962-06B0210Q5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Kxxx-MQ		365
5962-06B0210V5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Kxxx-SV		365
5962R06B0210V5C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Kxxx-SR		365
5962-06B0210Q6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Wxxx-MQ		365
5962-06B0210V6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Wxxx-SV		365
5962R06B0210V6C	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_5442Wxxx-SR		365
5962-06B0210QUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_544YFxxx-MQ		365
5962-06B0210VUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_544YFxxx-SV		365
5962R06B0210VUC	D	12/03/2012	1C	ATMEL NANTES		Y ATC18R_544YFxxx-SR		365
5962-0720101M3A	A	12/16/2015	1C	ATMEL		ATF750C-10NM/883		380
5962-0720101MLA	A	12/16/2015	1C	ATMEL		ATF750C-10GM/883		380
5962-0720102M3A	A	12/16/2015	1C	ATMEL		ATF750C-15NM/883		380
5962-0720102MLA	A	12/16/2015	1C	ATMEL		ATF750C-15GM/883		380
5962-0720201HXA	G	01/02/2019		(NONE)		SMRT2812D (GEN)		594
5962F0720201KXA	G	01/02/2019		(NONE)		SMRT2812D (GEN)		594
5962L0720201EXA	G	01/02/2019	3B	CRANE		Y SMRT2812D/EKL		594
5962L0720201EXC	G	01/02/2019	3B	CRANE		Y SMRT2812D/EKL		594
5962L0720201HXA	G	01/02/2019		(NONE)		SMRT2812D (GEN)		594
5962L0720201KXA	G	01/02/2019		(NONE)		SMRT2812D (GEN)		594
5962P0720201EXA	G	01/02/2019	3B	CRANE		Y SMRT2812D/EKP		594
5962P0720201EXC	G	01/02/2019	3B	CRANE		Y SMRT2812D/EKP		594
5962P0720201HXA	G	01/02/2019		(NONE)		SMRT2812D (GEN)		594
5962P0720201KXA	G	01/02/2019		(NONE)		SMRT2812D (GEN)		594
5962R0720201EXA	G	01/02/2019	3B	CRANE		Y SMRT2812D/EKR		594
5962R0720201EXC	G	01/02/2019	3B	CRANE		Y SMRT2812D/EKR		594
5962R0720201HXA	G	01/02/2019		(NONE)		SMRT2812D (GEN)		594
5962R0720201KXA	G	01/02/2019		(NONE)		SMRT2812D (GEN)		594
5962-0720401VXC	C	08/16/2017	3A	TI		Y DAC5675AMHFG-V		591
5962-0720402VXC	C	08/16/2017	3A	TI		Y DAC5675AWHFG-V		591
5962-0720601VXC	A	03/05/2018	2	TI		Y ADS5424MHFG-V		592
5962-0720701VXC	A	05/02/2016	2	TI		Y ADS5444MHFG-V		592
5962-0720801VXC	B	05/02/2016	2	TI		Y ADS5463MHFG-V		592
5962R0720802VXC	B	05/02/2016	3	TI		Y ADS5463MHFG-RHA		592
5962G0721001QXC	A	09/01/2015	2	BAE SYSTEMS		Y 8394325-535		629
5962G0721001QXC	A	09/01/2015	2	BAE SYSTEMS		Y 8394325-534		629
5962G0721001VXC	A	09/01/2015	2	BAE SYSTEMS		Y 8394325-531		629

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5962G0721002QXC	A	09/01/2015	2	BAE SYSTEMS		Y 8394325-536		629
5962-0721201QXC		10/11/2007		(NONE)	08/12/2010	EL8108 (GEN)		739
5962-0721301QHC	A	10/23/2007		(NONE)		EL8202 (GEN)		739
5962-0721301QXC	A	10/23/2007		(NONE)	08/12/2010	EL8202 (GEN)		739
5962-0721302QHC	A	10/23/2007		(NONE)		EL8203 (GEN)		739
5962-0721302QXC	A	10/23/2007		(NONE)	08/12/2010	EL8203 (GEN)		739
5962-0721303QDC	A	10/23/2007		(NONE)		EL8403 (GEN)		739
5962-0721303QYC	A	10/23/2007		(NONE)	08/12/2010	EL8403 (GEN)		739
5962-0721401VZC	C	11/17/2017		(NONE)		ADC08D1520 (GEN)		592
5962F0721401VZC	C	11/17/2017	3A	TI		Y ADC08D1520WGFQV		592
5962F0721501V9A	D	09/14/2017	2	RENESAS		Y ISL7119RHVX		779
5962F0721501QXC	D	09/14/2017	2	RENESAS		Y ISL7119RHQF		779
5962F0721501VXC	D	09/14/2017	2	RENESAS		Y ISL7119RHVF		779
5962F0721502V9A	D	09/14/2017	2	RENESAS		Y ISL7119EHVF		779
5962F0721502VXC	D	09/14/2017	2	RENESAS		Y ISL7119EHVF		779
5962-0721701QXA	A	04/07/2009		SRI		Y GEM36401QXA		403
5962-0721701QXC	A	04/07/2009		SRI		Y GEM36401QXC		403
5962F0721801V9A	C	09/11/2014	1A	RENESAS		Y ISL73096RHVX		790
5962F0721801VXC	C	09/11/2014	1A	RENESAS		Y ISL73096RHVF		790
5962F0721802V9A	C	09/11/2014	1A	RENESAS		Y ISL73127RHVX		790
5962F0721802VXC	C	09/11/2014	1A	RENESAS		Y ISL73127RHVF		790
5962F0721803V9A	C	09/11/2014	1B	RENESAS		Y ISL73128RHVX		790
5962F0721803VXC	C	09/11/2014	1B	RENESAS		Y ISL73128RHVF		790
5962F0721804V9A	C	09/11/2014	1A	RENESAS		Y ISL73096EHVX		790
5962F0721804VXC	C	09/11/2014	1A	RENESAS		Y ISL73096EHVF		790
5962F0721805V9A	C	09/11/2014	1A	RENESAS		Y ISL73127EHVX		790
5962F0721805VXC	C	09/11/2014	1A	RENESAS		Y ISL73127EHVF		790
5962F0721806V9A	C	09/11/2014	1B	RENESAS		Y ISL73128EHVX		790
5962F0721806VXC	C	09/11/2014	1B	RENESAS		Y ISL73128EHVF		790
5962-0721901VHA	B	09/24/2018	1C	TI		Y THS4304M		739
5962-0722201VFA	C	07/25/2018	2	TI		Y THS4511M		739
5962-0722301VFA	B	02/07/2014	2	TI		Y THS4513M		739
5962-0722401QXB	C	01/19/2010		(NONE)	09/30/2010	AT697E (GEN)		409
5962-0722401QYC	C	01/19/2010	1A	ATMEL NANTES		Y AT697E-KG-MQ		409
5962-0722401VYC	C	01/19/2010	1A	ATMEL NANTES		Y AT697E-KG-SV		409
5962-0722402QXB	C	01/19/2010		(NONE)	09/30/2010	AT697F (GEN)		409
5962-0722402QYC	C	01/19/2010	1C	ATMEL NANTES		Y AT697F-KG-MQ		409
5962-0722402VYC	C	01/19/2010	1C	ATMEL NANTES		Y AT697F-KG-SV		409
5962R0722402VYC	C	01/19/2010	1C	ATMEL NANTES		Y AT697F-KG-SR		409
5962-0722501VSA	A	10/09/2014		(NONE)		TPS70358M (GEN)		782
5962R0722601V9A	E	10/23/2015	3A	TI		Y DAC121S101-MDR		591
5962R0722601VZA	E	10/23/2015	3A	TI		Y DAC121S101WGRQV		591
5962R0722602V9A	E	10/23/2015	3A	TI		Y DAC121S101-MDE		591
5962R0722602VZA	E	10/23/2015	3A	TI		Y DAC121S101WGRLV		591
5962R0722701V9A	C	11/30/2016	3B	TI		Y ADC128S102-MDR		592
5962R0722701VFA	C	11/30/2016	3B	TI		Y ADC128S102WRQV		592
5962R0722701VZA	C	11/30/2016	3B	TI		Y ADC128S102WGRQV		592
5962R0722901V9A	C	03/16/2017	2	TI		Y LM117HVH MDR		780
5962-0722901QXA	C	03/16/2017	2	TI		Y LM117HVH-QML		780



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5962R0722901VXA	C	03/16/2017	2	TI		Y	LM117HVHRQMLV	780
5962-0722901QZA	C	03/16/2017		(NONE)	06/24/2011		LM117HV (GEN)	780
5962R0722901VZA	C	03/16/2017		(NONE)	06/24/2011		LM117HV (GEN)	780
5962-0722902QZA	C	03/16/2017	2	TI		Y	LM117HVGW-QML	780
5962R0722902VZA	C	03/16/2017	2	TI		Y	LM117HVGWRQMLV	780
5962-0722903QYA	C	03/16/2017	2	TI		Y	LM117HVK-QML	780
5962R0722961V9A	C	03/16/2017	2	TI		Y	LM117HVH MDE	780
5962R0722961VXA	C	03/16/2017	2	TI		Y	LM117HVHRLQMLV	780
5962R0722961VZA	C	03/16/2017		(NONE)	06/24/2011		LM117HV (GEN)	780
5962R0722962VZA	C	03/16/2017	2	TI		Y	LM117HVGWRQMLV	780
5962-0723001VXC		10/01/2009	2	TI		Y	CDCM7005MHFG-V	429
5962F0723101V9A	B	08/09/2017	1B	STMICRO		Y	RHF330DIE2V	739
5962F0723101VXC	B	08/09/2017	1B	STMICRO		Y	RHF330K-01V	739
5962F0723102VXC	B	08/09/2017	1B	STMICRO		Y	RHF330AK-01V	739
5962F0723201V9A	B	08/10/2017	1B	STMICRO		Y	RHF350DIE2V	739
5962F0723201VXC	B	08/10/2017	1B	STMICRO		Y	RHF350K-01V	739
5962F0723202VYC	B	08/10/2017	1B	STMICRO		Y	RHF350KA-01V	739
5962F0723301V9A	C	08/11/2017	1B	STMICRO		Y	RHF310DIE2V	739
5962F0723301VXC	C	08/11/2017	1B	STMICRO		Y	RHF310K-01V	739
5962F0723302VYC	C	08/11/2017	1B	STMICRO		Y	RHF310AK01V	739
5962-0723401QXA	A	08/12/2016	3B	DPA		Y	DPA71010DV3302A	629
5962-0723401QXC	A	08/12/2016	3B	DPA		Y	DPA71010DV3302C	629
5962-0723501QXA	A	11/04/2016	3B	DPA		Y	DPA71011DV3302A	629
5962-0723501QXC	A	11/04/2016	3B	DPA		Y	DPA71011DV3302C	629
5962-0723601QXA	A	11/07/2016	3B	DPA		Y	DPA71041DV3302A	629
5962-0723601QXC	A	11/07/2016	3B	DPA		Y	DPA71041DV3302C	629
5962-0723701QXA	B	12/01/2016	3B	DPA		Y	DPA71046D02A	629
5962-0723701QXC	B	12/01/2016	3B	DPA		Y	DPA71046D02C	629
5962-0723801QXA	A	11/30/2016	3B	DPA		Y	DPA71049DV3302A	629
5962-0723801QXC	A	11/30/2016	3B	DPA		Y	DPA71049DV3302C	629
5962-0723901QXA	A	10/22/2016	3B	DPA		Y	DPA71051DV3302A	629
5962-0723901QXC	A	10/22/2016	3B	DPA		Y	DPA71051DV3302C	629
5962-0724001QXA	A	12/01/2016	3B	DPA		Y	DPA71059DV3302A	629
5962-0724001QXC	A	12/01/2016	3B	DPA		Y	DPA71059DV3302C	629
5962-0724101QXA	A	11/30/2016	3B	DPA		Y	DPA71046DV3302A	629
5962-0724101QXC	A	11/30/2016	3B	DPA		Y	DPA71046DV3302C	629
5962-0724201Q9A	C	10/07/2015	1B	COBHAM		Y	UT63M143-QDIE	590
5962-0724201V9A	C	10/07/2015	1B	COBHAM		Y	UT63M143-VDIE	590
5962H0724201Q9A	C	10/07/2015	1B	COBHAM		Y	UT63M143-QDIE	590
5962H0724201V9A	C	10/07/2015	1B	COBHAM		Y	UT63M143-VDIE	590
5962-0724201QXA	C	10/07/2015	1B	COBHAM		Y	UT63M143-BQA	590
5962-0724201QXC	C	10/07/2015	1B	COBHAM		Y	UT63M143-BQC	590
5962-0724201VXA	C	10/07/2015	1B	COBHAM		Y	UT63M143-BVA	590
5962-0724201VXC	C	10/07/2015	1B	COBHAM		Y	UT63M143-BVC	590
5962H0724201QXA	C	10/07/2015	1B	COBHAM		Y	UT63M143-BQA	590
5962H0724201QXC	C	10/07/2015	1B	COBHAM		Y	UT63M143-BQC	590
5962H0724201VXA	C	10/07/2015	1B	COBHAM		Y	UT63M143-BVA	590
5962H0724201VXC	C	10/07/2015	1B	COBHAM		Y	UT63M143-BVC	590
5962-0724201QYA	C	10/07/2015	1B	COBHAM		Y	UT63M143-CQA	590

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5962-0724201QYC	C	10/07/2015	1B	COBHAM		Y UT63M143-CQC		590
5962-0724201VYA	C	10/07/2015	1B	COBHAM		Y UT63M143-CVA		590
5962-0724201VYC	C	10/07/2015	1B	COBHAM		Y UT63M143-CVC		590
5962H0724201QYA	C	10/07/2015	1B	COBHAM		Y UT63M143-CQA		590
5962H0724201QYC	C	10/07/2015	1B	COBHAM		Y UT63M143-CQC		590
5962H0724201VYA	C	10/07/2015	1B	COBHAM		Y UT63M143-CVA		590
5962H0724201VYC	C	10/07/2015	1B	COBHAM		Y UT63M143-CVC		590
5962-0724202Q9A	C	10/07/2015	1B	COBHAM		Y UT63M143-QDIE		590
5962-0724202V9A	C	10/07/2015	1B	COBHAM		Y UT63M143-VDIE		590
5962H0724202Q9A	C	10/07/2015	1B	COBHAM		Y UT63M143-QDIE		590
5962H0724202V9A	C	10/07/2015	1B	COBHAM		Y UT63M143-VDIE		590
5962-0724202QXA	C	10/07/2015	1B	COBHAM		Y UT63M143-BQA		590
5962-0724202QXC	C	10/07/2015	1B	COBHAM		Y UT63M143-BQC		590
5962-0724202VXA	C	10/07/2015	1B	COBHAM		Y UT63M143-BVA		590
5962-0724202VXC	C	10/07/2015	1B	COBHAM		Y UT63M143-BVC		590
5962H0724202QXA	C	10/07/2015	1B	COBHAM		Y UT63M143-BQA		590
5962H0724202QXC	C	10/07/2015	1B	COBHAM		Y UT63M143-BQC		590
5962H0724202VXA	C	10/07/2015	1B	COBHAM		Y UT63M143-BVA		590
5962H0724202VXC	C	10/07/2015	1B	COBHAM		Y UT63M143-BVC		590
5962-0724202QYA	C	10/07/2015	1B	COBHAM		Y UT63M143-CQA		590
5962-0724202QYC	C	10/07/2015	1B	COBHAM		Y UT63M143-CQC		590
5962-0724202VYA	C	10/07/2015	1B	COBHAM		Y UT63M143-CVA		590
5962-0724202VYC	C	10/07/2015	1B	COBHAM		Y UT63M143-CVC		590
5962H0724202QYA	C	10/07/2015	1B	COBHAM		Y UT63M143-CQA		590
5962H0724202QYC	C	10/07/2015	1B	COBHAM		Y UT63M143-CQC		590
5962H0724202VYA	C	10/07/2015	1B	COBHAM		Y UT63M143-CVA		590
5962H0724202VYC	C	10/07/2015	1B	COBHAM		Y UT63M143-CVC		590
5962-0724301HXA	D	04/03/2017	1C	VPT		Y DVFL283R3S/H-E		594
5962-0724301HXC	D	04/03/2017	1C	VPT		Y DVFL283R3S/H		594
5962-0724301KXA	D	04/03/2017	1C	VPT		Y DVFL283R3S/K-E		594
5962-0724301KXC	D	04/03/2017	1C	VPT		Y DVFL283R3S/K		594
5962-0724301HYA	D	04/03/2017	1C	VPT		Y DVFL283R3SF/H-E		594
5962-0724301HYC	D	04/03/2017	1C	VPT		Y DVFL283R3SF/H		594
5962-0724301KYA	D	04/03/2017	1C	VPT		Y DVFL283R3SF/K-E		594
5962-0724301KYC	D	04/03/2017	1C	VPT		Y DVFL283R3SF/K		594
5962-0724302HXA	D	04/03/2017	1C	VPT		Y DVFL2805S/H-E		594
5962-0724302HXC	D	04/03/2017	1C	VPT		Y DVFL2805S/H		594
5962-0724302KXA	D	04/03/2017	1C	VPT		Y DVFL2805S/K-E		594
5962-0724302KXC	D	04/03/2017	1C	VPT		Y DVFL2805S/K		594
5962-0724302HYA	D	04/03/2017	1C	VPT		Y DVFL2805SF/H-E		594
5962-0724302HYC	D	04/03/2017	1C	VPT		Y DVFL2805SF/H		594
5962-0724302KYA	D	04/03/2017	1C	VPT		Y DVFL2805SF/K-E		594
5962-0724302KYC	D	04/03/2017	1C	VPT		Y DVFL2805SF/K		594
5962-0724303HXA	D	04/03/2017	1C	VPT		Y DVFL2812S/H-E		594
5962-0724303HXC	D	04/03/2017	1C	VPT		Y DVFL2812S/H		594
5962-0724303KXA	D	04/03/2017	1C	VPT		Y DVFL2812S/K-E		594
5962-0724303KXC	D	04/03/2017	1C	VPT		Y DVFL2812S/K		594
5962-0724303HYA	D	04/03/2017	1C	VPT		Y DVFL2812SF/H-E		594
5962-0724303HYC	D	04/03/2017	1C	VPT		Y DVFL2812SF/H		594

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5962-0724303KYA	D	04/03/2017	1C	VPT		Y DVFL2812SF/K-E		594
5962-0724303KYC	D	04/03/2017	1C	VPT		Y DVFL2812SF/K		594
5962-0724304HXA	D	04/03/2017	1C	VPT		Y DVFL2815S/H-E		594
5962-0724304HXC	D	04/03/2017	1C	VPT		Y DVFL2815S/H		594
5962-0724304KXA	D	04/03/2017	1C	VPT		Y DVFL2815S/K-E		594
5962-0724304KXC	D	04/03/2017	1C	VPT		Y DVFL2815S/K		594
5962-0724304HYA	D	04/03/2017	1C	VPT		Y DVFL2815SF/H-E		594
5962-0724304HYC	D	04/03/2017	1C	VPT		Y DVFL2815SF/H		594
5962-0724304KYA	D	04/03/2017	1C	VPT		Y DVFL2815SF/K-E		594
5962-0724304KYC	D	04/03/2017	1C	VPT		Y DVFL2815SF/K		594
5962-0724305HXA	D	04/03/2017	1C	VPT		Y DVFL2807S/H-E		594
5962-0724305HXC	D	04/03/2017	1C	VPT		Y DVFL2807S/H		594
5962-0724305KXA	D	04/03/2017	1C	VPT		Y DVFL2807S/K-E		594
5962-0724305KXC	D	04/03/2017	1C	VPT		Y DVFL2807S/K		594
5962-0724305HYA	D	04/03/2017	1C	VPT		Y DVFL2807SF/H-E		594
5962-0724305HYC	D	04/03/2017	1C	VPT		Y DVFL2807SF/H		594
5962-0724305KYA	D	04/03/2017	1C	VPT		Y DVFL2807SF/K-E		594
5962-0724305KYC	D	04/03/2017	1C	VPT		Y DVFL2807SF/K		594
5962-0724306HXA	D	04/03/2017	1C	VPT		Y DVFL289R5S/H-E		594
5962-0724306HXC	D	04/03/2017	1C	VPT		Y DVFL289R5S/H		594
5962-0724306KXA	D	04/03/2017	1C	VPT		Y DVFL289R5S/K-E		594
5962-0724306KXC	D	04/03/2017	1C	VPT		Y DVFL289R5S/K		594
5962-0724306HYA	D	04/03/2017	1C	VPT		Y DVFL289R5SF/H-E		594
5962-0724306HYC	D	04/03/2017	1C	VPT		Y DVFL289R5SF/H		594
5962-0724306KYA	D	04/03/2017	1C	VPT		Y DVFL289R5SF/K-E		594
5962-0724306KYC	D	04/03/2017	1C	VPT		Y DVFL289R5SF/K		594
5962-0724307HXA	D	04/03/2017	1C	VPT		Y DVFL2828S/H-E		594
5962-0724307HXC	D	04/03/2017	1C	VPT		Y DVFL2828S/H		594
5962-0724307KXA	D	04/03/2017	1C	VPT		Y DVFL2828S/K-E		594
5962-0724307KXC	D	04/03/2017	1C	VPT		Y DVFL2828S/K		594
5962-0724307HYA	D	04/03/2017	1C	VPT		Y DVFL2828SF/H-E		594
5962-0724307HYC	D	04/03/2017	1C	VPT		Y DVFL2828SF/H		594
5962-0724307KYA	D	04/03/2017	1C	VPT		Y DVFL2828SF/K-E		594
5962-0724307KYC	D	04/03/2017	1C	VPT		Y DVFL2828SF/K		594
5962-0724308HXA	D	04/03/2017	1C	VPT		Y DVFL286R3S/H-E		594
5962-0724308HXC	D	04/03/2017	1C	VPT		Y DVFL286R3S/H		594
5962-0724308KXA	D	04/03/2017	1C	VPT		Y DVFL286R3S/K-E		594
5962-0724308KXC	D	04/03/2017	1C	VPT		Y DVFL286R3S/K		594
5962-0724308HYA	D	04/03/2017	1C	VPT		Y DVFL286R3SF/H-E		594
5962-0724308HYC	D	04/03/2017	1C	VPT		Y DVFL286R3SF/H		594
5962-0724308KYA	D	04/03/2017	1C	VPT		Y DVFL286R3SF/K-E		594
5962-0724308KYC	D	04/03/2017	1C	VPT		Y DVFL286R3SF/K		594
5962-0724309HXA	D	04/03/2017	1C	VPT		Y DVFL2818S/H-E		594
5962-0724309HXC	D	04/03/2017	1C	VPT		Y DVFL2818S/H		594
5962-0724309KXA	D	04/03/2017	1C	VPT		Y DVFL2818S/K-E		594
5962-0724309KXC	D	04/03/2017	1C	VPT		Y DVFL2818S/K		594
5962-0724309HYA	D	04/03/2017	1C	VPT		Y DVFL2818SF/H-E		594
5962-0724309HYC	D	04/03/2017	1C	VPT		Y DVFL2818SF/H		594
5962-0724309KYA	D	04/03/2017	1C	VPT		Y DVFL2818SF/K-E		594

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5962-0724309KYC	D	04/03/2017	1C	VPT		Y DVFL2818SF/K		594
5962-0724401HXA	E	02/04/2019	1C	VPT		Y DVFL2805D/H-E		594
5962-0724401HXC	E	02/04/2019	1C	VPT		Y DVFL2805D/H		594
5962-0724401KXA	E	02/04/2019	1C	VPT		Y DVFL2805D/K-E		594
5962-0724401KXC	E	02/04/2019	1C	VPT		Y DVFL2805D/K		594
5962-0724401HYA	E	02/04/2019	1C	VPT		Y DVFL2805DF/H-E		594
5962-0724401HYC	E	02/04/2019	1C	VPT		Y DVFL2805DF/H		594
5962-0724401KYA	E	02/04/2019	1C	VPT		Y DVFL2805DF/K-E		594
5962-0724401KYC	E	02/04/2019	1C	VPT		Y DVFL2805DF/K		594
5962-0724402HXA	E	02/04/2019	1C	VPT		Y DVFL2812D/H-E		594
5962-0724402HXC	E	02/04/2019	1C	VPT		Y DVFL2812D/H		594
5962-0724402KXA	E	02/04/2019	1C	VPT		Y DVFL2812D/K-E		594
5962-0724402KXC	E	02/04/2019	1C	VPT		Y DVFL2812D/K		594
5962-0724402HYA	E	02/04/2019	1C	VPT		Y DVFL2812DF/H-E		594
5962-0724402HYC	E	02/04/2019	1C	VPT		Y DVFL2812DF/H		594
5962-0724402KYA	E	02/04/2019	1C	VPT		Y DVFL2812DF/K-E		594
5962-0724402KYC	E	02/04/2019	1C	VPT		Y DVFL2812DF/K		594
5962-0724403HXA	E	02/04/2019	1C	VPT		Y DVFL2815D/H-E		594
5962-0724403HXC	E	02/04/2019	1C	VPT		Y DVFL2815D/H		594
5962-0724403KXA	E	02/04/2019	1C	VPT		Y DVFL2815D/K-E		594
5962-0724403KXC	E	02/04/2019	1C	VPT		Y DVFL2815D/K		594
5962-0724403HYA	E	02/04/2019	1C	VPT		Y DVFL2815DF/H-E		594
5962-0724403HYC	E	02/04/2019	1C	VPT		Y DVFL2815DF/H		594
5962-0724403KYA	E	02/04/2019	1C	VPT		Y DVFL2815DF/K-E		594
5962-0724403KYC	E	02/04/2019	1C	VPT		Y DVFL2815DF/K		594
5962-0724701VXA	B	12/13/2018	1A	TI		Y DAC5670MGEM-V		591
5962-0724801VFA	A	10/18/2010	3A	TI		Y SN55LVDS33-SP		573
5962R0724901V9A	F	06/12/2015	2	RENESAS		Y ISL78840ASRHVX		787
5962R0724901QPC	F	06/12/2015	2	RENESAS		Y ISL78840ASRHQD		787
5962R0724901VPC	F	06/12/2015	2	RENESAS		Y ISL78840ASRHVD		787
5962R0724901QXC	F	06/12/2015	2	RENESAS		Y ISL78840ASRHQF		787
5962R0724901VXC	F	06/12/2015	2	RENESAS		Y ISL78840ASRHVF		787
5962R0724902V9A	F	06/12/2015	2	RENESAS		Y ISL78841ASRHVX		787
5962R0724902QPC	F	06/12/2015	2	RENESAS		Y ISL78841ASRHQD		787
5962R0724902VPC	F	06/12/2015	2	RENESAS		Y ISL78841ASRHVD		787
5962R0724902QXC	F	06/12/2015	2	RENESAS		Y ISL78841ASRHQF		787
5962R0724902VXC	F	06/12/2015	2	RENESAS		Y ISL78841ASRHVF		787
5962R0724903V9A	F	06/12/2015	2	RENESAS		Y ISL78843ASRHVX		787
5962R0724903QPC	F	06/12/2015	2	RENESAS		Y ISL78843ASRHQD		787
5962R0724903VPC	F	06/12/2015	2	RENESAS		Y ISL78843ASRHVD		787
5962R0724903QXC	F	06/12/2015	2	RENESAS		Y ISL78843ASRHQF		787
5962R0724903VXC	F	06/12/2015	2	RENESAS		Y ISL78843ASRHVF		787
5962R0724904Q9A	F	06/12/2015	2	RENESAS		Y ISL78845ASRHQX		787
5962R0724904V9A	F	06/12/2015	2	RENESAS		Y ISL78845ASRHVX		787
5962R0724904QPC	F	06/12/2015	2	RENESAS		Y ISL78845ASRHQD		787
5962R0724904VPC	F	06/12/2015	2	RENESAS		Y ISL78845ASRHVD		787
5962R0724904QXC	F	06/12/2015	2	RENESAS		Y ISL78845ASRHQF		787
5962R0724904TXC	F	06/12/2015	2	RENESAS		Y ISL78845ASRHTF		787
5962R0724904VXC	F	06/12/2015	2	RENESAS		Y ISL78845ASRHVF		787

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5962R0724905V9A	F	06/12/2015	2	RENESAS		Y ISL78840ASEHVX		787
5962R0724905VPC	F	06/12/2015	2	RENESAS		Y ISL78840ASEHVD		787
5962R0724905VXC	F	06/12/2015	2	RENESAS		Y ISL78840ASEHVF		787
5962R0724906V9A	F	06/12/2015	2	RENESAS		Y ISL78841ASEHVX		787
5962R0724906VPC	F	06/12/2015	2	RENESAS		Y ISL78841ASEHVD		787
5962R0724906VXC	F	06/12/2015	2	RENESAS		Y ISL78841ASEHVF		787
5962R0724907V9A	F	06/12/2015	2	RENESAS		Y ISL78843ASEHVX		787
5962R0724907VPC	F	06/12/2015	2	RENESAS		Y ISL78843ASEHVD		787
5962R0724907VXC	F	06/12/2015	2	RENESAS		Y ISL78843ASEHVF		787
5962R0724908V9A	F	06/12/2015	2	RENESAS		Y ISL78845ASEHVX		787
5962R0724908VPC	F	06/12/2015	2	RENESAS		Y ISL78845ASEHVD		787
5962R0724908VXC	F	06/12/2015	2	RENESAS		Y ISL78845ASEHVF		787
5962F07A0101VUC	A	07/16/2014	2	HONEYWELL (1)		Y 22031425-008		365
5962F07A0101VXC	A	07/16/2014	2	HONEYWELL (1)		Y 22030924-008		365
5962F07A0101VYC	A	07/16/2014	2	HONEYWELL (1)		Y 22031421-008		365
5962F07A0101VZC	A	07/16/2014	2	HONEYWELL (1)		Y 22031423-008		365
5962F07A0102VUC	A	07/16/2014	2	HONEYWELL (1)		Y 22031425-108		365
5962F07A0102VXC	A	07/16/2014	2	HONEYWELL (1)		Y 22030924-108		365
5962F07A0102VYC	A	07/16/2014	2	HONEYWELL (1)		Y 22031421-108		365
5962F07A0102VZC	A	07/16/2014	2	HONEYWELL (1)		Y 22031423-108		365
5962F07A0103QXC	A	07/16/2014	2	HONEYWELL (1)		Y 22031940-012		365
5962F07A0103VXC	A	07/16/2014	2	HONEYWELL (1)		Y 22031940-008		365
5962F07A0103QZC	A	07/16/2014	2	HONEYWELL (1)		Y 22031942-012		365
5962F07A0103VZC	A	07/16/2014	2	HONEYWELL (1)		Y 22031942-008		365
5962F07A0201QXC	G	02/15/2017	2	HONEYWELL (1)		Y 22029072-112		365
5962F07A0201QXC	G	02/15/2017	2	HONEYWELL (1)		Y 22029072-012		365
5962F07A0201VXC	G	02/15/2017	2	HONEYWELL (1)		Y 22029072-108		365
5962F07A0201VXC	G	02/15/2017	2	HONEYWELL (1)		Y 22029072-008		365
5962F07A0301QXC	F	02/15/2017	2	HONEYWELL (1)		Y 22029081-112		365
5962F07A0301QXC	F	02/15/2017	2	HONEYWELL (1)		Y 22029081-012		365
5962F07A0301VXC	F	02/15/2017	2	HONEYWELL (1)		Y 22029081-108		365
5962F07A0301VXC	F	02/15/2017	2	HONEYWELL (1)		Y 22029081-008		365
5962F07A0401QXC	E	02/15/2017	2	HONEYWELL (1)		Y 22031619-112		365
5962F07A0401QXC	E	02/15/2017	2	HONEYWELL (1)		Y 22031619-012		365
5962F07A0401VXC	E	02/15/2017	2	HONEYWELL (1)		Y 22031619-108		365
5962F07A0401VXC	E	02/15/2017	2	HONEYWELL (1)		Y 22031619-008		365
5962F07A0501QXC	H	02/15/2017	2	HONEYWELL (1)		Y 22029108-112		569
5962F07A0501QXC	H	02/15/2017	2	HONEYWELL (1)		Y 22029108-012		569
5962F07A0501VXC	H	02/15/2017	2	HONEYWELL (1)		Y 22029108-008		569
5962F07A0501VXC	H	02/15/2017	2	HONEYWELL (1)		Y 22029108-108		569
5962F07A0601QXC	H	02/15/2017	2	HONEYWELL (1)		Y 22029099-112		365
5962F07A0601QXC	H	02/15/2017	2	HONEYWELL (1)		Y 22029099-012		365
5962F07A0601VXC	H	02/15/2017	2	HONEYWELL (1)		Y 22029099-108		365
5962F07A0601VXC	H	02/15/2017	2	HONEYWELL (1)		Y 22029099-008		365
5962F07A0602QXC	H	02/15/2017	2	HONEYWELL (1)		Y 58035396-012		365
5962F07A0701V9A	H	02/15/2017	2	HONEYWELL (1)		Y 22029090-114		100
5962F07A0701V9A	H	02/15/2017	2	HONEYWELL (1)		Y 22029090-014		100
5962F07A0701QXC	H	02/15/2017	2	HONEYWELL (1)		Y 22029090-112		100
5962F07A0701QXC	H	02/15/2017	2	HONEYWELL (1)		Y 22029090-012		100



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5962F07A0701VXC	H	02/15/2017	2	HONEYWELL (1)		Y 22029090-008		100
5962F07A0701VXC	H	02/15/2017	2	HONEYWELL (1)		Y 22029090-108		100
5962F07B0103QMC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0103VMC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0103QXC	G	01/14/2019		(NONE)		HX311G (GEN)		365
5962F07B0103VXC	G	01/14/2019		(NONE)		HX311G (GEN)		365
5962F07B0103QYC	G	01/14/2019		(NONE)		HX311G (GEN)		365
5962F07B0103VYC	G	01/14/2019		(NONE)		HX311G (GEN)		365
5962F07B0103QZC	G	01/14/2019		(NONE)		HX311G (GEN)		365
5962F07B0103VZC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0104QUC	G	01/14/2019	2	HONEYWELL (1)		Y HX314G		365
5962F07B0104VUC	G	01/14/2019	2	HONEYWELL (1)		Y HX314G		365
5962F07B0107QMC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0107VMC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0107QXC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0107VXC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0107QYC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0107VYC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0107QZC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0107VZC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0108QUC	G	01/14/2019	2	HONEYWELL (1)		Y HX314G		365
5962F07B0108VUC	G	01/14/2019	2	HONEYWELL (1)		Y HX314G		365
5962F07B0110V7C	G	01/14/2019	2	HONEYWELL (1)		Y HX306G		365
5962F07B0111QMC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0111VMC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0111QNC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0111VNC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962H07B0111QNC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962H07B0111VNC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0111QXC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0111VXC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0111QYC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0111VYC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0111QZC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0111VZC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0112QUC	G	01/14/2019	2	HONEYWELL (1)		Y HX314G		365
5962F07B0112VUC	G	01/14/2019	2	HONEYWELL (1)		Y HX314G		365
5962F07B0114VZC	G	01/14/2019	2	HONEYWELL (1)		Y HX306G		365
5962F07B0115QMC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0115VMC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0115QXC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0115VXC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0115QYC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0115VYC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0115QZC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0115VZC	G	01/14/2019	2	HONEYWELL (1)		Y HX311G		365
5962F07B0116QUC	G	01/14/2019	2	HONEYWELL (1)		Y HX314G		365
5962F07B0116VUC	G	01/14/2019	2	HONEYWELL (1)		Y HX314G		365
5962F07B0119QMC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365

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5962F07B0119VMC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0119QXC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0119VXC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0119QYC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0119VYC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0119QZC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0119VZC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0120QUC	G	01/14/2019	2	HONEYWELL (1)		Y HX314P		365
5962F07B0120VUC	G	01/14/2019	2	HONEYWELL (1)		Y HX314P		365
5962F07B0123QMC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0123VMC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0123QXC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0123VXC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0123QYC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0123VYC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0123QZC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0123VZC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0124QUC	G	01/14/2019	2	HONEYWELL (1)		Y HX314P		365
5962F07B0124VUC	G	01/14/2019	2	HONEYWELL (1)		Y HX314P		365
5962F07B0127QMC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0127VMC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0127QXC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0127VXC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0127QYC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0127VYC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0127QZC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0127VZC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0128QUC	G	01/14/2019	2	HONEYWELL (1)		Y HX314P		365
5962F07B0128VUC	G	01/14/2019	2	HONEYWELL (1)		Y HX314P		365
5962F07B0131QMC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0131VMC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0131QXC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0131VXC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0131QYC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0131VYC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0131QZC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0131VZC	G	01/14/2019	2	HONEYWELL (1)		Y HX311P		365
5962F07B0132QUC	G	01/14/2019	2	HONEYWELL (1)		Y HX314P		365
5962F07B0132VUC	G	01/14/2019	2	HONEYWELL (1)		Y HX314P		365
5962F07B0133QTC	G	01/14/2019	2	HONEYWELL (1)		Y HX315G		365
5962F07B0133VTC	G	01/14/2019	2	HONEYWELL (1)		Y HX315G		365
5962F07B0134QTC	G	01/14/2019	2	HONEYWELL (1)		Y HX315G		365
5962F07B0134VTC	G	01/14/2019	2	HONEYWELL (1)		Y HX315G		365
5962F07B0135QTC	G	01/14/2019	2	HONEYWELL (1)		Y HX315G		365
5962F07B0135VTC	G	01/14/2019	2	HONEYWELL (1)		Y HX315G		365
5962F07B0136QTC	G	01/14/2019	2	HONEYWELL (1)		Y HX315G		365
5962F07B0136VTC	G	01/14/2019	2	HONEYWELL (1)		Y HX315G		365
5962F07B0137Q4C	G	01/14/2019	2	HONEYWELL (1)		Y HX319G		365
5962F07B0137V4C	G	01/14/2019	2	HONEYWELL (1)		Y HX319G		365

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5962F07B0138Q4C	G	01/14/2019	2	HONEYWELL (1)		Y HX319G		365
5962F07B0138V4C	G	01/14/2019	2	HONEYWELL (1)		Y HX319G		365
5962F07B0139Q4C	G	01/14/2019	2	HONEYWELL (1)		Y HX319G		365
5962F07B0139V4C	G	01/14/2019	2	HONEYWELL (1)		Y HX319G		365
5962F07B0139Q5C	G	01/14/2019	2	HONEYWELL (1)		Y HX319G		365
5962F07B0139V5C	G	01/14/2019	2	HONEYWELL (1)		Y HX319G		365
5962F07B0140Q4C	G	01/14/2019	2	HONEYWELL (1)		Y HX319G		365
5962F07B0140V4C	G	01/14/2019	2	HONEYWELL (1)		Y HX319G		365
5962F07B0140Q6C	G	01/14/2019	2	HONEYWELL (1)		Y HX319G		365
5962F07B0140V6C	G	01/14/2019	2	HONEYWELL (1)		Y HX319G		365
5962R0820101VZA	A	11/01/2017	2	ANALOG (4)		Y AD768AF/QMLR		591
5962H0820201QXC	E	07/27/2018	2	HONEYWELL (1)		Y HXSR01608AQH		629
5962H0820201VXC	E	07/27/2018	2	HONEYWELL (1)		Y HXSR01608AVH		629
5962H0820202QXC	E	07/27/2018	2	HONEYWELL (1)		Y HLXSR01608AQH		629
5962H0820202VXC	E	07/27/2018	2	HONEYWELL (1)		Y HLXSR01608AVH		629
5962H0820301QXC	H	07/27/2018	2	HONEYWELL (1)		Y HXSR01632-DQH		629
5962H0820301VXC	H	07/27/2018	2	HONEYWELL (1)		Y HXSR01632-DVH		629
5962H0820302QXC	H	07/27/2018	2	HONEYWELL (1)		Y HLXSR01632-DQH		629
5962H0820302VXC	H	07/27/2018	2	HONEYWELL (1)		Y HLXSR01632-DVH		629
5962-0820501HXA	C	02/17/2016	3A	VPT		Y DVGF+283R312T/H-E		594
5962-0820501HXC	C	02/17/2016	3A	VPT		Y DVGF+283R312T/H		594
5962-0820501KXA	C	02/17/2016	3A	VPT		Y DVGF+283R312T/K-E		594
5962-0820501KXC	C	02/17/2016	3A	VPT		Y DVGF+283R312T/K		594
5962-0820501HYA	C	02/17/2016	3A	VPT		Y DVGF+283R312TF/H-E		594
5962-0820501HYC	C	02/17/2016	3A	VPT		Y DVGF+283R312TF/H		594
5962-0820501KYA	C	02/17/2016	3A	VPT		Y DVGF+283R312TF/K-E		594
5962-0820501KYC	C	02/17/2016	3A	VPT		Y DVGF+283R312TF/K		594
5962-0820502HXA	C	02/17/2016	3A	VPT		Y DVGF+283R315T/H-E		594
5962-0820502HXC	C	02/17/2016	3A	VPT		Y DVGF+283R315T/H		594
5962-0820502KXA	C	02/17/2016	3A	VPT		Y DVGF+283R315T/K-E		594
5962-0820502KXC	C	02/17/2016	3A	VPT		Y DVGF+283R315T/K		594
5962-0820502HYA	C	02/17/2016	3A	VPT		Y DVGF+283R315TF/H-E		594
5962-0820502HYC	C	02/17/2016	3A	VPT		Y DVGF+283R315TF/H		594
5962-0820502KYA	C	02/17/2016	3A	VPT		Y DVGF+283R315TF/K-E		594
5962-0820502KYC	C	02/17/2016	3A	VPT		Y DVGF+283R315TF/K		594
5962-0820601HXA	D	04/01/2016	3A	VPT		Y DVHF+28512T/H-E		594
5962-0820601HXC	D	04/01/2016	3A	VPT		Y DVHF+28512T/H		594
5962-0820601KXA	D	04/01/2016	3A	VPT		Y DVHF+28512T/K-E		594
5962-0820601KXC	D	04/01/2016	3A	VPT		Y DVHF+28512T/K		594
5962-0820601HYA	D	04/01/2016	3A	VPT		Y DVHF+28512TF/H-E		594
5962-0820601HYC	D	04/01/2016	3A	VPT		Y DVHF+28512TF/H		594
5962-0820601KYA	D	04/01/2016	3A	VPT		Y DVHF+28512TF/K-E		594
5962-0820601KYC	D	04/01/2016	3A	VPT		Y DVHF+28512TF/K		594
5962-0820602HXA	D	04/01/2016	3A	VPT		Y DVHF+28515T/H-E		594
5962-0820602HXC	D	04/01/2016	3A	VPT		Y DVHF+28515T/H		594
5962-0820602KXA	D	04/01/2016	3A	VPT		Y DVHF+28515T/K-E		594
5962-0820602KXC	D	04/01/2016	3A	VPT		Y DVHF+28515T/K		594
5962-0820602HYA	D	04/01/2016	3A	VPT		Y DVHF+28515TF/H-E		594
5962-0820602HYC	D	04/01/2016	3A	VPT		Y DVHF+28515TF/H		594

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5962-0820602KYA	D	04/01/2016	3A	VPT		Y DVHF+28515TF/K-E		594
5962-0820602KYC	D	04/01/2016	3A	VPT		Y DVHF+28515TF/K		594
5962-0820701HXA	C	06/26/2014	3A	VPT		Y DVSB2853R3D/H-E		594
5962-0820701HXC	C	06/26/2014	3A	VPT		Y DVSB2853R3D/H		594
5962-0820701KXA	C	06/26/2014	3A	VPT		Y DVSB2853R3D/K-E		594
5962-0820701KXC	C	06/26/2014	3A	VPT		Y DVSB2853R3D/K		594
5962-0820701HYA	C	06/26/2014	3A	VPT		Y DVSB2853R3DF/H-E		594
5962-0820701HYC	C	06/26/2014	3A	VPT		Y DVSB2853R3DF/H		594
5962-0820701KYA	C	06/26/2014	3A	VPT		Y DVSB2853R3DF/K-E		594
5962-0820701KYC	C	06/26/2014	3A	VPT		Y DVSB2853R3DF/K		594
5962G0820801QXC	A	06/28/2016	1C	BAE SYSTEMS		Y 8407971-5		670
5962G0820801QXC	A	06/28/2016	1C	BAE SYSTEMS		Y 8407971-4		670
5962G0820801VXC	A	06/28/2016	1C	BAE SYSTEMS		Y 8407971-1		670
5962-0821001HXA	B	01/02/2019		(NONE)		SMRT2812S (GEN)		594
5962F0821001KXA	B	01/02/2019		(NONE)		SMRT2812S (GEN)		594
5962L0821001EXA	B	01/02/2019	3B	CRANE		Y SMRT2812S/EKL		594
5962L0821001EXC	B	01/02/2019	3B	CRANE		Y SMRT2812S/EKL		594
5962P0821001EXA	B	01/02/2019	3B	CRANE		Y SMRT2812S/EKP		594
5962P0821001EXC	B	01/02/2019	3B	CRANE		Y SMRT2812S/EKP		594
5962P0821001HXA	B	01/02/2019		(NONE)		SMRT2812S (GEN)		594
5962P0821001KXA	B	01/02/2019		(NONE)		SMRT2812S (GEN)		594
5962R0821001EXA	B	01/02/2019	3B	CRANE		Y SMRT2812S/EKR		594
5962R0821001EXC	B	01/02/2019	3B	CRANE		Y SMRT2812S/EKR		594
5962R0821001HXA	B	01/02/2019		(NONE)		SMRT2812S (GEN)		594
5962R0821001KXA	B	01/02/2019		(NONE)		SMRT2812S (GEN)		594
5962-0821101HXA	D	12/06/2018		(NONE)		SMRT283R312T (GEN)		594
5962F0821101KXA	D	12/06/2018		(NONE)		SMRT283R312T (GEN)		594
5962L0821101EXA	D	12/06/2018	3B	CRANE		Y SMRT283R312T/EKL		594
5962L0821101EXC	D	12/06/2018	3B	CRANE		Y SMRT283R312T/EKL		594
5962P0821101EXA	D	12/06/2018	3B	CRANE		Y SMRT283R312T/EKP		594
5962P0821101EXC	D	12/06/2018	3B	CRANE		Y SMRT283R312T/EKP		594
5962P0821101HXA	D	12/06/2018		(NONE)		SMRT283R312T (GEN)		594
5962P0821101KXA	D	12/06/2018		(NONE)		SMRT283R312T (GEN)		594
5962R0821101EXA	D	12/06/2018	3B	CRANE		Y SMRT283R312T/EKR		594
5962R0821101EXC	D	12/06/2018	3B	CRANE		Y SMRT283R312T/EKR		594
5962R0821101HXA	D	12/06/2018		(NONE)		SMRT283R312T (GEN)		594
5962R0821101KXA	D	12/06/2018		(NONE)		SMRT283R312T (GEN)		594
5962-0821201HXA	C	11/26/2018		(NONE)		SMRT283R315T (GEN)		594
5962F0821201KXA	C	11/26/2018		(NONE)		SMRT283R315T (GEN)		594
5962L0821201EXA	C	11/26/2018	3B	CRANE		Y SMRT283R315T/EKL		594
5962L0821201EXC	C	11/26/2018	3B	CRANE		Y SMRT283R315T/EKL		594
5962P0821201EXA	C	11/26/2018	3B	CRANE		Y SMRT283R315T/EKP		594
5962P0821201EXC	C	11/26/2018	3B	CRANE		Y SMRT283R315T/EKP		594
5962P0821201HXA	C	11/26/2018		(NONE)		SMRT283R315T (GEN)		594
5962P0821201KXA	C	11/26/2018		(NONE)		SMRT283R315T (GEN)		594
5962R0821201EXA	C	11/26/2018	3B	CRANE		Y SMRT283R315T/EKR		594
5962R0821201EXC	C	11/26/2018	3B	CRANE		Y SMRT283R315T/EKR		594
5962R0821201HXA	C	11/26/2018		(NONE)		SMRT283R315T (GEN)		594
5962R0821201KXA	C	11/26/2018		(NONE)		SMRT283R315T (GEN)		594

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5962R0821401VCA	A	10/22/2014	1	ANALOG (4)		Y OP207AY/QMLR		739
5962H0821501QXC	G	07/25/2018	2	HONEYWELL (1)		Y HXS6408AQH		629
5962H0821501VXC	G	07/25/2018	2	HONEYWELL (1)		Y HXS6408AVH		629
5962F0821502QXC	G	07/25/2018	2	HONEYWELL (1)		Y HRT6408AWF		629
5962F0821502VXC	G	07/25/2018	2	HONEYWELL (1)		Y HRT6408AVF		629
5962R0821801V2A	B	11/03/2017	1C	ANALOG (4)		Y AD8351ARC/QMLR		712
5962L0821802V2A	B	11/03/2017	1C	ANALOG (4)		Y AD8351ARC/QMLL		712
5962-0821901QXA	A	12/09/2016	3B	DPA		Y DPA71069DV3302A		629
5962-0821901QXC	A	12/09/2016	3B	DPA		Y DPA71069DV3302C		629
5962-0822001QXA	A	08/12/2016	3B	DPA		Y DPA71061DV3302A		629
5962-0822001QXC	A	08/12/2016	3B	DPA		Y DPA71061DV3302C		629
5962F0822201V9A	B	05/10/2018	2	STMICRO		Y RHF484DIE2V		713
5962F0822201VXC	B	05/10/2018	2	STMICRO		Y RHF484K01V		713
5962-0822301HTA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962P0822301HTA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962P0822301KTA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962R0822301HTA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962R0822301KTA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962-0822301HUA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962P0822301HUA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962P0822301KUA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962R0822301HUA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962R0822301KUA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962-0822301HXA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962L0822301HXA	B	06/04/2018	3B	CRANE		Y SMFLHP2815D/HL		594
5962L0822301HXC	B	06/04/2018	3B	CRANE		Y SMFLHP2815D/HL		594
5962L0822301KXA	B	06/04/2018	3B	CRANE		Y SMFLHP2815D/KL		594
5962L0822301KXC	B	06/04/2018	3B	CRANE		Y SMFLHP2815D/KL		594
5962P0822301HXA	B	06/04/2018	3B	CRANE		Y SMFLHP2815D/HP		594
5962P0822301HXC	B	06/04/2018	3B	CRANE		Y SMFLHP2815D/HP		594
5962P0822301KXA	B	06/04/2018	3B	CRANE		Y SMFLHP2815D/KP		594
5962P0822301KXC	B	06/04/2018	3B	CRANE		Y SMFLHP2815D/KP		594
5962R0822301HXA	B	06/04/2018	3B	CRANE		Y SMFLHP2815D/HR		594
5962R0822301HXC	B	06/04/2018	3B	CRANE		Y SMFLHP2815D/HR		594
5962R0822301KXA	B	06/04/2018	3B	CRANE		Y SMFLHP2815D/KR		594
5962R0822301KXC	B	06/04/2018	3B	CRANE		Y SMFLHP2815D/KR		594
5962-0822301HYA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962P0822301HYA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962P0822301KYA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962R0822301HYA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962R0822301KYA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962-0822301HZA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962P0822301HZA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962P0822301KZA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962R0822301HZA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962R0822301KZA	B	06/04/2018		(NONE)		SMFLHP2815D (GEN)		594
5962-0822401QXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-CQ352B		381
5962-0822401VXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-CQ352V		381
5962-0822401QYC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-LG1272B		381



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5962-0822401VYC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-LG1272V		381
5962-0822401QZA	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-CG1272B		381
5962-0822401VZA	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-CG1272V		381
5962-0822402QXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-1CQ352B		381
5962-0822402VXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-1CQ352V		381
5962-0822402QYC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-1LG1272B		381
5962-0822402VYC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-1LG1272V		381
5962-0822402QZA	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-1CG1272B		381
5962-0822402VZA	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-1CG1272V		381
5962-0822403QXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-CQ352E		381
5962-0822403QYC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-LG1272E		381
5962-0822403QZA	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-CG1272E		381
5962-0822404QXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-1CQ352E		381
5962-0822404QYC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-1LG1272E		381
5962-0822404QZA	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000S-1CG1272E		381
5962-0822405QXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-CQ352B		381
5962-0822405VXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-CQ352V		381
5962-0822405QYC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-LG1272B		381
5962-0822405VYC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-LG1272V		381
5962-0822405QZA	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-CG1272B		381
5962-0822405VZA	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-CG1272V		381
5962-0822406QXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-1CQ352B		381
5962-0822406VXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-1CQ352V		381
5962-0822406QYC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-1LG1272B		381
5962-0822406VYC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-1LG1272V		381
5962-0822406QZA	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-1CG1272B		381
5962-0822406VZA	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-1CG1272V		381
5962-0822407QXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-CQ352E		381
5962-0822407QYC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-LG1272E		381
5962-0822407QZA	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-CG1272E		381
5962-0822408QXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-1CQ352E		381
5962-0822408QYC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-1LG1272E		381
5962-0822408QZA	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000SL-1CG1272E		381
5962-0822409QXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000D-CQ352B		381
5962-0822409VXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000D-CQ352V		381
5962-0822410QXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000D-1CQ352B		381
5962-0822410VXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000D-1CQ352V		381
5962-0822411QXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000D-CQ352E		381
5962-0822412QXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000D-1CQ352E		381
5962-0822413QXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000DL-CQ352B		381
5962-0822413VXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000DL-CQ352V		381
5962-0822414QXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000DL-1CQ352B		381
5962-0822414VXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000DL-1CQ352V		381
5962-0822415QXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000DL-CQ352E		381
5962-0822416QXC	E	09/27/2016	2	MICROSEMI (2)		Y RTAX4000DL-1CQ352E		381
5962-0822501K4A		03/04/2008		(NONE)		117AKT-ADJ (GEN)		780
5962-0822502K4A		03/04/2008		(NONE)		117KT-ADJ (GEN)		780
5962-0822503H4A		03/04/2008		(NONE)		117AHT-ADJ (GEN)		780
5962-0822504H4A		03/04/2008		(NONE)		117HT-ADJ (GEN)		780

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5962-0822601KXC	B	04/03/2014	1	AEROFLEX		Y	ACT8508-S	199
5962F0822601KXC	B	04/03/2014	1	AEROFLEX		Y	ACT8508-901-1S	199
5962-0822701HPA	C	12/03/2018	2	AVAGO		Y	ACPL-5701L-200	460
5962-0822701HPC	C	12/03/2018	2	AVAGO		Y	ACPL-5701L	460
5962-0822701KPA	C	12/03/2018	2	AVAGO		Y	ACPL-570KL-200	460
5962-0822701KPC	C	12/03/2018	2	AVAGO		Y	ACPL-570KL	460
5962-0822701HXA	C	12/03/2018	2	AVAGO		Y	ACPL-5701L-300	460
5962-0822701KXA	C	12/03/2018	2	AVAGO		Y	ACPL-570KL-300	460
5962-0822701HYA	C	12/03/2018	2	AVAGO		Y	ACPL-5701L-100	460
5962-0822701HYC	C	12/03/2018	2	AVAGO		Y	ACPL-5701L-100	460
5962-0822701KYA	C	12/03/2018	2	AVAGO		Y	ACPL-570KL-100	460
5962-0822701KYC	C	12/03/2018	2	AVAGO		Y	ACPL-570KL-100	460
5962-0822702HPA	C	12/03/2018	3A	AVAGO		Y	ACPL-5731L-200	460
5962-0822702HPC	C	12/03/2018	3A	AVAGO		Y	ACPL-5731L	460
5962-0822702KPA	C	12/03/2018	3A	AVAGO		Y	ACPL-573KL-200	460
5962-0822702KPC	C	12/03/2018	3A	AVAGO		Y	ACPL-573KL	460
5962-0822702HXA	C	12/03/2018	3A	AVAGO		Y	ACPL-5731L-300	460
5962-0822702KXA	C	12/03/2018	3A	AVAGO		Y	ACPL-573KL-300	460
5962-0822702HYA	C	12/03/2018	3A	AVAGO		Y	ACPL-5731L-100	460
5962-0822702HYC	C	12/03/2018	3A	AVAGO		Y	ACPL-5731L-100	460
5962-0822702KYA	C	12/03/2018	3A	AVAGO		Y	ACPL-573KL-100	460
5962-0822702KYC	C	12/03/2018	3A	AVAGO		Y	ACPL-573KL-100	460
5962-0822703HEA	C	12/03/2018	3B	AVAGO		Y	ACPL-1772L-200	460
5962-0822703HEC	C	12/03/2018	3B	AVAGO		Y	ACPL-1772L	460
5962-0822703KEA	C	12/03/2018	3B	AVAGO		Y	ACPL-177KL-200	460
5962-0822703KEC	C	12/03/2018	3B	AVAGO		Y	ACPL-177KL	460
5962-0822703HTA	C	12/03/2018	3B	AVAGO		Y	ACPL-1772L-300	460
5962-0822703KTA	C	12/03/2018	3B	AVAGO		Y	ACPL-177KL-300	460
5962-0822703HUA	C	12/03/2018	3B	AVAGO		Y	ACPL-1772L-100	460
5962-0822703HUC	C	12/03/2018	3B	AVAGO		Y	ACPL-1772L-100	460
5962-0822703KUA	C	12/03/2018	3B	AVAGO		Y	ACPL-177KL-100	460
5962-0822703KUC	C	12/03/2018	3B	AVAGO		Y	ACPL-177KL-100	460
5962-0822704HZC	C	12/03/2018	3A	AVAGO		Y	ACPL-6751L	460
5962-0822704KZC	C	12/03/2018	3A	AVAGO		Y	ACPL-675KL	460
5962F0822801QXC	G	09/06/2018		(NONE)			UT699 (GEN)	439
5962F0822801VXC	G	09/06/2018		(NONE)			UT699 (GEN)	439
5962R0822801QXC	G	09/06/2018	2	COBHAM		Y	UT699-XQC	439
5962R0822801VXC	G	09/06/2018	2	COBHAM		Y	UT699-XVC	439
5962F0822801QYC	G	09/06/2018		(NONE)			UT699 (GEN)	439
5962F0822801VYC	G	09/06/2018		(NONE)			UT699 (GEN)	439
5962R0822801QYC	G	09/06/2018	2	COBHAM		Y	UT699-ZQC	439
5962R0822801VYC	G	09/06/2018	2	COBHAM		Y	UT699-ZVC	439
5962F0822801QZA	G	09/06/2018		(NONE)			UT699 (GEN)	439
5962F0822801VZA	G	09/06/2018		(NONE)			UT699 (GEN)	439
5962R0822801QZA	G	09/06/2018	2	COBHAM		Y	UT699-SQA	439
5962R0822801VZA	G	09/06/2018	2	COBHAM		Y	UT699-SQA	439
5962F0822802QXC	G	09/06/2018		(NONE)			UT699 (GEN)	439
5962R0822802QXC	G	09/06/2018		(NONE)			UT699 (GEN)	439
5962F0822802QYC	G	09/06/2018		(NONE)			UT699 (GEN)	439

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5962R0822802QYC	G	09/06/2018		(NONE)		UT699	(GEN)	439
5962F0822802QZA	G	09/06/2018		(NONE)		UT699	(GEN)	439
5962R0822802QZA	G	09/06/2018		(NONE)		UT699	(GEN)	439
5962R0822901QXA	B	10/17/2016		(NONE)		251A161-127	(GEN)	409
5962R0822902QXA	B	10/17/2016		(NONE)		251A161-147	(GEN)	409
5962R0822903QYA	B	10/17/2016		(NONE)		251A161-347	(GEN)	409
5962R0822904QYA	B	10/17/2016		(NONE)		251A161-357	(GEN)	409
5962R0822905QYA	B	10/17/2016	3A	BAE SYSTEMS		Y 251A161-367		409
5962D0823001V9A	B	10/18/2017	1C	RENESAS		Y ISL7457SRHVX		520
5962D0823001QXC	B	10/18/2017	1C	RENESAS		Y ISL7457SRHQF		520
5962D0823001VXC	B	10/18/2017	1C	RENESAS		Y ISL7457SRHVF		520
5962G0824001QXC	B	06/04/2018	2	BAE SYSTEMS		Y 8406746-255		629
5962G0824001VXC	B	06/04/2018		(NONE)		8406746-251	(GEN)	629
5962G0824002QXC	B	06/04/2018	2	BAE SYSTEMS		Y 8406746-254		629
5962G0824101QXC	B	06/06/2018	2	BAE SYSTEMS		Y 8406746-155		629
5962G0824101VXC	B	06/06/2018		(NONE)		8406746-151	(GEN)	629
5962G0824102QXC	B	06/06/2018	2	BAE SYSTEMS		Y 8406746-154		629
5962-0824201HPA	C	12/03/2018	1B	AVAGO		Y ACPL-5601L-200		899
5962-0824201HPC	C	12/03/2018	1B	AVAGO		Y ACPL-5601L		899
5962-0824201KPA	C	12/03/2018	1B	AVAGO		Y ACPL-560KL-200		899
5962-0824201KPC	C	12/03/2018	1B	AVAGO		Y ACPL-560KL		899
5962-0824201HXA	C	12/03/2018	1B	AVAGO		Y ACPL-5601L-300		899
5962-0824201KXA	C	12/03/2018	1B	AVAGO		Y ACPL-560KL-300		899
5962-0824201HYA	C	12/03/2018	1B	AVAGO		Y ACPL-5601L-100		899
5962-0824201HYC	C	12/03/2018	1B	AVAGO		Y ACPL-5601L-100		899
5962-0824201KYA	C	12/03/2018	1B	AVAGO		Y ACPL-560KL-100		899
5962-0824201KYC	C	12/03/2018	1B	AVAGO		Y ACPL-560KL-100		899
5962-0824202HPA	C	12/03/2018	3A	AVAGO		Y ACPL-5631L-200		899
5962-0824202HPC	C	12/03/2018	3A	AVAGO		Y ACPL-5631L		899
5962-0824202KPA	C	12/03/2018	3A	AVAGO		Y ACPL-563KL-200		899
5962-0824202KPC	C	12/03/2018	3A	AVAGO		Y ACPL-563KL		899
5962-0824202HXA	C	12/03/2018	3A	AVAGO		Y ACPL-5631L-300		899
5962-0824202KXA	C	12/03/2018	3A	AVAGO		Y ACPL-563KL-300		899
5962-0824202HYA	C	12/03/2018	3A	AVAGO		Y ACPL-5631L-100		899
5962-0824202HYC	C	12/03/2018	3A	AVAGO		Y ACPL-5631L-100		899
5962-0824202KYA	C	12/03/2018	3A	AVAGO		Y ACPL-563KL-100		899
5962-0824202KYC	C	12/03/2018	3A	AVAGO		Y ACPL-563KL-100		899
5962-0824203HEA	C	12/03/2018	2	AVAGO		Y ACPL-2672L-200		899
5962-0824203HEC	C	12/03/2018	2	AVAGO		Y ACPL-2672L		899
5962-0824203KEA	C	12/03/2018	2	AVAGO		Y ACPL-268KL-200		899
5962-0824203KEC	C	12/03/2018	2	AVAGO		Y ACPL-268KL		899
5962-0824203HTA	C	12/03/2018	2	AVAGO		Y ACPL-2672L-300		899
5962-0824203KTA	C	12/03/2018	2	AVAGO		Y ACPL-268KL-300		899
5962-0824203HUA	C	12/03/2018	2	AVAGO		Y ACPL-2672L-100		899
5962-0824203HUC	C	12/03/2018	2	AVAGO		Y ACPL-2672L-100		899
5962-0824203KUA	C	12/03/2018	2	AVAGO		Y ACPL-268KL-100		899
5962-0824203KUC	C	12/03/2018	2	AVAGO		Y ACPL-268KL-100		899
5962-0824204HZC	C	12/03/2018	3A	AVAGO		Y ACPL-6651L		899
5962-0824204KZC	C	12/03/2018	3A	AVAGO		Y ACPL-665KL		899

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962R0824301QXC	A	02/13/2014	1B	COBHAM		Y UT7R2XLR816-ZCC		399
5962R0824301QYA	A	02/13/2014	1B	COBHAM		Y UT7R2XLR816-YCA		399
5962R0824302QXC	A	02/13/2014	1B	COBHAM		Y UT7R2XLR816-ZCC		399
5962R0824302QYA	A	02/13/2014	1B	COBHAM		Y UT7R2XLR816-YCA		399
5962R0824401Q9A	G	03/29/2016	2	COBHAM		Y UT200SPW4RTRQDIER		429
5962R0824401V9A	G	03/29/2016	2	COBHAM		Y UT200SPW4RTRVDIER		429
5962R0824401QXC	G	03/29/2016	2	COBHAM		Y UT200SPW4RTR		429
5962R0824401VXC	G	03/29/2016	2	COBHAM		Y UT200SPW4RTR		429
5962R0824401QYA	G	03/29/2016	2	COBHAM		Y UT200SPW4RTR		429
5962R0824401VYA	G	03/29/2016	2	COBHAM		Y UT200SPW4RTR		429
5962-0824501HXA	C	10/16/2018	1	MICROSS		Y AS8FLC2M32BQ-120		669
5962-0824501HXC	C	10/16/2018	1	MICROSS		Y AS8FLC2M32BQ-120		669
5962-0824501HYA	C	10/16/2018		(NONE)		AS8FLC2M32B (GEN)		669
5962-0824502HXA	C	10/16/2018	1	MICROSS		Y AS8FLC2M32BQ-100		669
5962-0824502HXC	C	10/16/2018	1	MICROSS		Y AS8FLC2M32BQ-100		669
5962-0824502HYA	C	10/16/2018		(NONE)		AS8FLC2M32B (GEN)		669
5962-0824503HXA	C	10/16/2018	1	MICROSS		Y AS8FLC2M32BQ-90		669
5962-0824503HXC	C	10/16/2018	1	MICROSS		Y AS8FLC2M32BQ-90		669
5962-0824503HYA	C	10/16/2018		(NONE)		AS8FLC2M32B (GEN)		669
5962-0824504HXA	C	10/16/2018	1	MICROSS		Y AS8FLC2M32BQ-70		669
5962-0824504HXC	C	10/16/2018	1	MICROSS		Y AS8FLC2M32BQ-70		669
5962-0824504HYA	C	10/16/2018		(NONE)		AS8FLC2M32B (GEN)		669
5962F0824601HXC	C	06/01/2017	3B	ANAREN		Y MSK 5823-1.8HRHG		782
5962F0824601KXC	C	06/01/2017	3B	ANAREN		Y MSK 5823-1.8KRHG		782
5962F0824601HYC	C	06/01/2017	3B	ANAREN		Y MSK 5823-1.8HRH		782
5962F0824601KYC	C	06/01/2017	3B	ANAREN		Y MSK 5823-1.8KRH		782
5962F0824602HXC	C	06/01/2017	3B	ANAREN		Y MSK 5823-2.5HRHG		782
5962F0824602KXC	C	06/01/2017	3B	ANAREN		Y MSK 5823-2.5KRHG		782
5962F0824602HYC	C	06/01/2017	3B	ANAREN		Y MSK 5823-2.5HRH		782
5962F0824602KYC	C	06/01/2017	3B	ANAREN		Y MSK 5823-2.5KRH		782
5962-08A0101QXC	A	11/13/2013	2	ATMEL NANTES		Y AT7911EFA-MQ		365
5962-08A0101VXC	A	11/13/2013	2	ATMEL NANTES		Y AT7911EFA-SV		365
5962-08A0201QXC	B	11/13/2013		(NONE)		AT7912E (GEN)		365
5962-08A0201VXC	B	11/13/2013		(NONE)		AT7912E (GEN)		365
5962-08A0202QXC	B	11/13/2013	2	ATMEL NANTES		Y AT7912FKF-MQ		365
5962-08A0202VXC	B	11/13/2013	2	ATMEL NANTES		Y AT7912FKF-SV		365
5962R08A0301QXA		05/12/2009	1B	BAE SYSTEMS		Y 8396844-7, -8, -9		365
5962R08A0401QXA		05/12/2009	1B	BAE SYSTEMS		Y 8395188-7, -8, -9		365
5962-08A0501NXB	C	02/12/2019	2	ON SEMI.		Y 20283-001		369
5962-08A0601QXC	B	02/12/2019	2	ON SEMI.		Y 20296-001		365
5962-08B0101Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1099RHabc*MQ		365
5962-08B0101V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1099RHabc*SV		365
5962R08B0101V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1099RHabc*SR		365
5962-08B0102Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1156ERHabc*MQ		365
5962-08B0102V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1156ERHabc*SV		365
5962R08B0102V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1156ERHabc*SR		365
5962-08B0103Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1242ERHabc*MQ		365
5962-08B0103V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1242ERHabc*SV		365
5962R08B0103V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1242ERHabc*SR		365

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5962-08B0104Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1332ERHabc*MQ		365
5962-08B0104V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1332ERHabc*SV		365
5962R08B0104V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1332ERHabc*SR		365
5962-08B0105Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1099SHabc*MQ		365
5962-08B0105V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1099SHabc*SV		365
5962R08B0105V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1099SHabc*SR		365
5962-08B0106Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1156ESHabc*MQ		365
5962-08B0106V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1156ESHabc*SV		365
5962R08B0106V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1156ESHabc*SR		365
5962-08B0107Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1242ESHabc*MQ		365
5962-08B0107V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1242ESHabc*SV		365
5962R08B0107V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1242ESHabc*SR		365
5962-08B0108Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1332ESHabc*MQ		365
5962-08B0108V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1332ESHabc*SV		365
5962R08B0108V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1332ESHabc*SR		365
5962-08B0109Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M099ERHabc*MQ		365
5962-08B0109V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M099ERHabc*SV		365
5962R08B0109V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M099ERHabc*SR		365
5962-08B0110Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M156ERHabc*MQ		365
5962-08B0110V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M156ERHabc*SV		365
5962R08B0110V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M156ERHabc*SR		365
5962-08B0111Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M242ERHabc*MQ		365
5962-08B0111V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M242ERHabc*SV		365
5962R08B0111V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M242ERHabc*SR		365
5962-08B0112Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M332ERHabc*MQ		365
5962-08B0112V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M332ERHabc*SV		365
5962R08B0112V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M332ERHabc*SR		365
5962-08B0113Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M099ESHabc*MQ		365
5962-08B0113V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M099ESHabc*SV		365
5962R08B0113V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M099ESHabc*SR		365
5962-08B0114Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M156ESHabc*MQ		365
5962-08B0114V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M156ESHabc*SV		365
5962R08B0114V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M156ESHabc*SR		365
5962-08B0115Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M242ESHabc*MQ		365
5962-08B0115V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M242ESHabc*SV		365
5962R08B0115V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M242ESHabc*SR		365
5962-08B0116Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M332ESHabc*MQ		365
5962-08B0116V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M332ESHabc*SV		365
5962R08B0116V*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M332ESHabc*SR		365
5962-08B0117Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1099RHabc*MQ		365
5962-08B0118Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1156RHabc*MQ		365
5962-08B0119Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1242RHabc*MQ		365
5962-08B0120Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1332RHabc*MQ		365
5962-08B0121Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1099SHabc*MQ		365
5962-08B0122Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1156SHabc*MQ		365
5962-08B0123Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1242SHabc*MQ		365
5962-08B0124Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1332SHabc*MQ		365
5962-08B0125Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M099RHabc*MQ		365
5962-08B0126Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M156RHabc*MQ		365



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5962-08B0127Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M242RHabc*MQ		365
5962-08B0128Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M332RHabc*MQ		365
5962-08B0129Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M099SHabc*MQ		365
5962-08B0130Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M156SHabc*MQ		365
5962-08B0131Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M242SHabc*MQ		365
5962-08B0132Q*C	C	07/12/2010	2	ATMEL NANTES		Y TH1M332SHabc*MQ		365
5962-0920101KUA	D	10/15/2013	2	AEROFLEX		Y VRG8651-201-2S		789
5962-0920101KUC	D	10/15/2013	2	AEROFLEX		Y VRG8651-201-1S		789
5962R0920101KUA	D	10/15/2013	2	AEROFLEX		Y VRG8651-901-2S		789
5962R0920101KUC	D	10/15/2013	2	AEROFLEX		Y VRG8651-901-1S		789
5962-0920101KZA	D	10/15/2013	2	AEROFLEX		Y VRG8652-201-2S		789
5962-0920101KZC	D	10/15/2013	2	AEROFLEX		Y VRG8652-201-1S		789
5962R0920101KZA	D	10/15/2013	2	AEROFLEX		Y VRG8652-901-2S		789
5962R0920101KZC	D	10/15/2013	2	AEROFLEX		Y VRG8652-901-1S		789
5962-0920102KTC	D	10/15/2013	2	AEROFLEX		Y VRG8658-202-1S		789
5962R0920102KTC	D	10/15/2013	2	AEROFLEX		Y VRG8658-902-1S		789
5962-0920102KXA	D	10/15/2013	3A	AEROFLEX		Y VRG8657-201-2S		789
5962-0920102KXC	D	10/15/2013	3A	AEROFLEX		Y VRG8657-201-1S		789
5962R0920102KXA	D	10/15/2013	2	AEROFLEX		Y VRG8657-901-2S		789
5962R0920102KXC	D	10/15/2013	2	AEROFLEX		Y VRG8657-901-1S		789
5962-0920102KYA	D	10/15/2013	3A	AEROFLEX		Y VRG8658-201-2S		789
5962-0920102KYC	D	10/15/2013	3A	AEROFLEX		Y VRG8658-201-1S		789
5962R0920102KYA	D	10/15/2013	2	AEROFLEX		Y VRG8658-901-2S		789
5962R0920102KYC	D	10/15/2013	2	AEROFLEX		Y VRG8658-901-1S		789
5962-0920201KXC	B	11/17/2015	1B	AEROFLEX		Y ACT8510-201-1S		199
5962-0920202KXC	B	11/17/2015	1B	AEROFLEX		Y ACT8511-201-1S		199
5962-0920301KXC	A	12/09/2014	1B	AEROFLEX		Y ACT8512-201-1S		279
5962-0920302KXC	A	12/09/2014	1B	AEROFLEX		Y ACT8513-201-1S		279
5962-0920401KXC	A	12/09/2014	1B	AEROFLEX		Y ACT8518-201-1S		199
5962-0920501HXA	B	12/11/2018	1	MICROSS		Y AS8FLC1M32BQ-120		669
5962-0920501HXC	B	12/11/2018	1	MICROSS		Y AS8FLC1M32BQ-120		669
5962-0920501HYA	B	12/11/2018	1C	MICROSS		Y AS8FLC1M32BP-120		669
5962-0920501HYC	B	12/11/2018	1C	MICROSS		Y AS8FLC1M32BP-120		669
5962-0920502HXA	B	12/11/2018	1	MICROSS		Y AS8FLC1M32BQ-100		669
5962-0920502HXC	B	12/11/2018	1	MICROSS		Y AS8FLC1M32BQ-100		669
5962-0920502HYA	B	12/11/2018	1C	MICROSS		Y AS8FLC1M32BP-100		669
5962-0920502HYC	B	12/11/2018	1C	MICROSS		Y AS8FLC1M32BP-100		669
5962-0920503HXA	B	12/11/2018	1	MICROSS		Y AS8FLC1M32BQ-90		669
5962-0920503HXC	B	12/11/2018	1	MICROSS		Y AS8FLC1M32BQ-90		669
5962-0920503HYA	B	12/11/2018	1C	MICROSS		Y AS8FLC1M32BP-90		669
5962-0920503HYC	B	12/11/2018	1C	MICROSS		Y AS8FLC1M32BP-90		669
5962-0920504HXA	B	12/11/2018	1	MICROSS		Y AS8FLC1M32BQ-70		669
5962-0920504HXC	B	12/11/2018	1	MICROSS		Y AS8FLC1M32BQ-70		669
5962-0920504HYA	B	12/11/2018	1C	MICROSS		Y AS8FLC1M32BP-70		669
5962-0920504HYC	B	12/11/2018	1C	MICROSS		Y AS8FLC1M32BP-70		669
5962-0920601KXA	B	04/11/2016	1C	AEROFLEX		Y VRG8660-201-2S		780
5962-0920601KXC	B	04/11/2016	1C	AEROFLEX		Y VRG8660-201-1S		780
5962R0920601KXA	B	04/11/2016	1C	AEROFLEX		Y VRG8660-901-2S		780
5962R0920601KXC	B	04/11/2016	1C	AEROFLEX		Y VRG8660-901-1S		780

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5962-0920602KXA	B	04/11/2016	2	AEROFLEX		Y VRG8661-201-2S		781
5962-0920602KXC	B	04/11/2016	2	AEROFLEX		Y VRG8661-201-1S		781
5962R0920602KXA	B	04/11/2016	2	AEROFLEX		Y VRG8661-901-2S		781
5962R0920602KXC	B	04/11/2016	2	AEROFLEX		Y VRG8661-901-1S		781
5962-0920701KXA	G	10/15/2013	3A	AEROFLEX		Y VRG8662-201-2S		780
5962-0920701KXC	G	10/15/2013	3A	AEROFLEX		Y VRG8662-201-1S		780
5962R0920701KXA	G	10/15/2013	3A	AEROFLEX		Y VRG8662-901-2S		780
5962R0920701KXC	G	10/15/2013	3A	AEROFLEX		Y VRG8662-901-1S		780
5962-0920702KYA	G	10/15/2013	3A	AEROFLEX		Y VRG8663-201-2S		781
5962-0920702KYC	G	10/15/2013	3A	AEROFLEX		Y VRG8663-201-1S		781
5962R0920702KYA	G	10/15/2013	2	AEROFLEX		Y VRG8663-901-2S		781
5962R0920702KYC	G	10/15/2013	2	AEROFLEX		Y VRG8663-901-1S		781
5962-0920703KXA	G	10/15/2013	3A	AEROFLEX		Y VRG8682-201-2S		780
5962-0920703KXC	G	10/15/2013	3A	AEROFLEX		Y VRG8682-201-1S		780
5962R0920703KXA	G	10/15/2013	3A	AEROFLEX		Y VRG8682-901-2S		780
5962R0920703KXC	G	10/15/2013	3A	AEROFLEX		Y VRG8682-901-1S		780
5962F0920801HXC	C	06/01/2017	3B	ANAREN		Y MSK 5824HRHG		780
5962F0920801KXC	C	06/01/2017	3B	ANAREN		Y MSK 5824KRHG		780
5962F0920801HYC	C	06/01/2017	3B	ANAREN		Y MSK 5824HRH		780
5962F0920801KYC	C	06/01/2017	3B	ANAREN		Y MSK 5824KRH		780
5962F0920901HXC	B	06/01/2017	3B	ANAREN		Y MSK 5825-2.5HRHG		782
5962F0920901KXC	B	06/01/2017	3B	ANAREN		Y MSK 5825-2.5KRHG		782
5962F0920901HYC	B	06/01/2017	3B	ANAREN		Y MSK 5825-2.5HRH		782
5962F0920901KYC	B	06/01/2017	3B	ANAREN		Y MSK 5825-2.5KRH		782
5962F0920902HXC	B	06/01/2017	3B	ANAREN		Y MSK 5825-3.3HRHG		782
5962F0920902KXC	B	06/01/2017	3B	ANAREN		Y MSK 5825-3.3KRHG		782
5962F0920902HYC	B	06/01/2017	3B	ANAREN		Y MSK 5825-3.3HRH		782
5962F0920902KYC	B	06/01/2017	3B	ANAREN		Y MSK 5825-3.3KRH		782
5962F0921001HXC	B	06/01/2017	3B	ANAREN		Y MSK 5826HRHG		780
5962F0921001KXC	B	06/01/2017	3B	ANAREN		Y MSK 5826KRHG		780
5962F0921001HYC	B	06/01/2017	3B	ANAREN		Y MSK 5826HRH		780
5962F0921001KYC	B	06/01/2017	3B	ANAREN		Y MSK 5826KRH		780
5962R0921101HUC	B	03/13/2018	3A	ANAREN		Y MSK 5970HRHL		780
5962R0921101KUC	B	03/13/2018	3A	ANAREN		Y MSK 5970KRHL		780
5962R0921101HXC	B	03/13/2018	3A	ANAREN		Y MSK 5970HRHS		780
5962R0921101KXC	B	03/13/2018	3A	ANAREN		Y MSK 5970KRHS		780
5962R0921101HYC	B	03/13/2018	3A	ANAREN		Y MSK 5970HRHU		780
5962R0921101KYC	B	03/13/2018	3A	ANAREN		Y MSK 5970KRHU		780
5962R0921101HZC	B	03/13/2018	3A	ANAREN		Y MSK 5970HRHD		780
5962R0921101KZC	B	03/13/2018	3A	ANAREN		Y MSK 5970KRHD		780
5962R0921201HMC	C	09/10/2018	2	ANAREN		Y MSK 5971HRHU		780
5962R0921201KMC	C	09/10/2018	2	ANAREN		Y MSK 5971KRHU		780
5962R0921201HNC	C	09/10/2018	2	ANAREN		Y MSK 5971HRHD		780
5962R0921201KNC	C	09/10/2018	2	ANAREN		Y MSK 5971KRHD		780
5962R0921201HTC	C	09/10/2018	2	ANAREN		Y MSK 5971HRHS		780
5962R0921201KTC	C	09/10/2018	2	ANAREN		Y MSK 5971KRHS		780
5962R0921201HUC	C	09/10/2018	2	ANAREN		Y MSK 5971HRHL		780
5962R0921201KUC	C	09/10/2018	2	ANAREN		Y MSK 5971KRHL		780
5962R0921201HXC	C	09/10/2018		(NONE)		MSK 5971 (GEN)		780

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5962R0921201KXC	C	09/10/2018		(NONE)			MSK 5971 (GEN)	780
5962R0921201HYC	C	09/10/2018		(NONE)			MSK 5971 (GEN)	780
5962R0921201KYC	C	09/10/2018		(NONE)			MSK 5971 (GEN)	780
5962R0921201HZC	C	09/10/2018		(NONE)			MSK 5971 (GEN)	780
5962R0921201KZC	C	09/10/2018		(NONE)			MSK 5971 (GEN)	780
5962R0921301HMC	B	09/10/2018	2	ANAREN		Y	MSK 5972HRHU	780
5962R0921301KMC	B	09/10/2018	2	ANAREN		Y	MSK 5972KRHU	780
5962R0921301HNC	B	09/10/2018	2	ANAREN		Y	MSK 5972HRHD	780
5962R0921301KNC	B	09/10/2018	2	ANAREN		Y	MSK 5972KRHD	780
5962R0921301HTC	B	09/10/2018	2	ANAREN		Y	MSK 5972HRHS	780
5962R0921301KTC	B	09/10/2018	2	ANAREN		Y	MSK 5972KRHS	780
5962R0921301HUC	B	09/10/2018	2	ANAREN		Y	MSK 5972HRHL	780
5962R0921301KUC	B	09/10/2018	2	ANAREN		Y	MSK 5972KRHL	780
5962R0921301HXC	B	09/10/2018		(NONE)			MSK 5972 (GEN)	780
5962R0921301KXC	B	09/10/2018		(NONE)			MSK 5972 (GEN)	780
5962R0921301HYC	B	09/10/2018		(NONE)			MSK 5972 (GEN)	780
5962R0921301KYC	B	09/10/2018		(NONE)			MSK 5972 (GEN)	780
5962R0921301HZC	B	09/10/2018		(NONE)			MSK 5972 (GEN)	780
5962R0921301KZC	B	09/10/2018		(NONE)			MSK 5972 (GEN)	780
5962R0921401HMC	C	09/10/2018	2	ANAREN		Y	MSK 5973HRHU	781
5962R0921401KMC	C	09/10/2018	2	ANAREN		Y	MSK 5973KRHU	781
5962R0921401HNC	C	09/10/2018	2	ANAREN		Y	MSK 5973HRHD	781
5962R0921401KNC	C	09/10/2018	2	ANAREN		Y	MSK 5973KRHD	781
5962R0921401HTC	C	09/10/2018	2	ANAREN		Y	MSK 5973HRHS	781
5962R0921401KTC	C	09/10/2018	2	ANAREN		Y	MSK 5973KRHS	781
5962R0921401HUC	C	09/10/2018	2	ANAREN		Y	MSK 5973HRHL	781
5962R0921401KUC	C	09/10/2018	2	ANAREN		Y	MSK 5973KRHL	781
5962R0921401HXC	C	09/10/2018		(NONE)			MSK 5973 (GEN)	781
5962R0921401KXC	C	09/10/2018		(NONE)			MSK 5973 (GEN)	781
5962R0921401HYC	C	09/10/2018		(NONE)			MSK 5973 (GEN)	781
5962R0921401KYC	C	09/10/2018		(NONE)			MSK 5973 (GEN)	781
5962R0921401HZC	C	09/10/2018		(NONE)			MSK 5973 (GEN)	781
5962R0921401KZC	C	09/10/2018		(NONE)			MSK 5973 (GEN)	781
5962F0921601HNC	C	06/01/2017	3B	ANAREN		Y	MSK 5800HRH	780
5962F0921601KNC	C	06/01/2017	3B	ANAREN		Y	MSK 5800KRH	780
5962F0921602HTC	C	06/01/2017	3B	ANAREN		Y	MSK 5810HRH	780
5962F0921602KTC	C	06/01/2017	3B	ANAREN		Y	MSK 5810KRH	780
5962F0921602HUC	C	06/01/2017	3B	ANAREN		Y	MSK 5810HRHG	780
5962F0921602KUC	C	06/01/2017	3B	ANAREN		Y	MSK 5810KRHG	780
5962F0921603HMC	C	06/01/2017	3B	ANAREN		Y	MSK 5821HRHGW	780
5962F0921603KMC	C	06/01/2017	3B	ANAREN		Y	MSK 5821KRHGW	780
5962F0921603HXC	C	06/01/2017	3B	ANAREN		Y	MSK 5821HRHS	780
5962F0921603KXC	C	06/01/2017	3B	ANAREN		Y	MSK 5821KRHS	780
5962F0921603HYC	C	06/01/2017	3B	ANAREN		Y	MSK 5821HRHU	780
5962F0921603KYC	C	06/01/2017	3B	ANAREN		Y	MSK 5821KRHU	780
5962F0921603HZC	C	06/01/2017	3B	ANAREN		Y	MSK 5821HRHD	780
5962F0921603KZC	C	06/01/2017	3B	ANAREN		Y	MSK 5821KRHD	780
5962F0921604HMC	C	06/01/2017	3B	ANAREN		Y	MSK 5820-1.5HRHGW	782
5962F0921604KMC	C	06/01/2017	3B	ANAREN		Y	MSK 5820-1.5KRHGW	782

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5962F0921604HXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.5HRHS		782
5962F0921604KXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.5KRHS		782
5962F0921604HYC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.5HRHU		782
5962F0921604KYC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.5KRHU		782
5962F0921604HXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.5HRHD		782
5962F0921604KXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.5KRHD		782
5962F0921605HMC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.9HRHGW		782
5962F0921605KMC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.9KRHGW		782
5962F0921605HXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.9HRHS		782
5962F0921605KXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.9KRHS		782
5962F0921605HYC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.9HRHU		782
5962F0921605KYC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.9KRHU		782
5962F0921605HXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.9HRHD		782
5962F0921605KXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.9KRHD		782
5962F0921606HMC	C	06/01/2017	3B	ANAREN		Y MSK 5820-2.5HRHGW		782
5962F0921606KMC	C	06/01/2017	3B	ANAREN		Y MSK 5820-2.5KRHGW		782
5962F0921606HXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-2.5HRHS		782
5962F0921606KXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-2.5KRHS		782
5962F0921606HYC	C	06/01/2017	3B	ANAREN		Y MSK 5820-2.5HRHU		782
5962F0921606KYC	C	06/01/2017	3B	ANAREN		Y MSK 5820-2.5KRHU		782
5962F0921606HXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-2.5HRHD		782
5962F0921606KXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-2.5KRHD		782
5962F0921607HMC	C	06/01/2017	3B	ANAREN		Y MSK 5820-2.8HRHGW		782
5962F0921607KMC	C	06/01/2017	3B	ANAREN		Y MSK 5820-2.8KRHGW		782
5962F0921607HXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-2.8HRHS		782
5962F0921607KXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-2.8KRHS		782
5962F0921607HYC	C	06/01/2017	3B	ANAREN		Y MSK 5820-2.8HRHU		782
5962F0921607KYC	C	06/01/2017	3B	ANAREN		Y MSK 5820-2.8KRHU		782
5962F0921607HXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-2.8HRHD		782
5962F0921607KXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-2.8KRHD		782
5962F0921608HMC	C	06/01/2017	3B	ANAREN		Y MSK 5820-3.3HRHGW		782
5962F0921608KMC	C	06/01/2017	3B	ANAREN		Y MSK 5820-3.3KRHGW		782
5962F0921608HXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-3.3HRHS		782
5962F0921608KXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-3.3KRHS		782
5962F0921608HYC	C	06/01/2017	3B	ANAREN		Y MSK 5820-3.3HRHU		782
5962F0921608KYC	C	06/01/2017	3B	ANAREN		Y MSK 5820-3.3KRHU		782
5962F0921608HXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-3.3HRHD		782
5962F0921608KXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-3.3KRHD		782
5962F0921609HMC	C	06/01/2017	3B	ANAREN		Y MSK 5820-5.0HRHGW		782
5962F0921609KMC	C	06/01/2017	3B	ANAREN		Y MSK 5820-5.0KRHGW		782
5962F0921609HXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-5.0HRHS		782
5962F0921609KXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-5.0KRHS		782
5962F0921609HYC	C	06/01/2017	3B	ANAREN		Y MSK 5820-5.0HRHU		782
5962F0921609KYC	C	06/01/2017	3B	ANAREN		Y MSK 5820-5.0KRHU		782
5962F0921609HXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-5.0HRHD		782
5962F0921609KXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-5.0KRHD		782
5962F0921610HMC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.8HRHGW		782
5962F0921610KMC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.8KRHGW		782
5962F0921610HXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.8HRHS		782

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5962F0921610KXC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.8KRHS		782
5962F0921610HYC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.8HRHU		782
5962F0921610KYC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.8KRHU		782
5962F0921610HZC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.8HRHD		782
5962F0921610KZC	C	06/01/2017	3B	ANAREN		Y MSK 5820-1.8KRHD		782
5962R0922001VHA	B	01/23/2017	2	ANALOG (4)		Y AD8138AL/QMLR		592
5962L0922002VHA	B	01/23/2017	2	ANALOG (4)		Y AD8138AL/QMLL		592
5962-0922201QEA	A	07/17/2015	0	SRI		Y GEM40301QEA		304
5962L0922301VHA	A	05/09/2017	3A	ANALOG (4)		Y AD8671AL/QMLL		739
5962R0922501V9A	F	05/16/2016	2	RENESAS		Y ISL70001SRHVX		899
5962R0922501QXC	F	05/16/2016	2	RENESAS		Y ISL70001SRHQF		899
5962R0922501VXC	F	05/16/2016	2	RENESAS		Y ISL70001SRHVF		899
5962R0922502V9A	F	05/16/2016	2	RENESAS		Y ISL70001SEHVX		899
5962R0922502VXC	F	05/16/2016	2	RENESAS		Y ISL70001SEHVF		899
5962R0922502VYC	F	05/16/2016	2	RENESAS		Y ISL70001SEHVFE		899
5962R0922503V9A	F	05/16/2016	2	RENESAS		Y ISL70001ASEHVX		899
5962R0922503VXC	F	05/16/2016	2	RENESAS		Y ISL70001ASEHVF		899
5962R0922503VYC	F	05/16/2016	2	RENESAS		Y ISL70001ASEHVFE		899
5962-0922601KXA	C	12/02/2014	1B	AEROFLEX		Y DRS4485-201-2S		590
5962-0922601KXC	C	12/02/2014	1B	AEROFLEX		Y DRS4485-201-1S		590
5962R0922601KXA	C	12/02/2014	1B	AEROFLEX		Y DRS4485-901-2S		590
5962R0922601KXC	C	12/02/2014	1B	AEROFLEX		Y DRS4485-901-1S		590
5962R0922701VFA	C	03/07/2017		(NONE)		AD8346 (GEN)		899
5962R0922701VXA	C	03/07/2017	2	ANALOG (4)		Y AD8346AF/QMLR		899
5962L0922702VFA	C	03/07/2017		(NONE)		AD8346 (GEN)		899
5962L0922702VXA	C	03/07/2017	2	ANALOG (4)		Y AD8346AF/QMLL		899
5962-0922901KXC	A	05/06/2013	1B	AEROFLEX		Y MUX8520-201-1S		195
5962F0922901KXC	A	05/06/2013	1B	AEROFLEX		Y MUX8520-901-1S		195
5962-0922902KXC	A	05/06/2013	1B	AEROFLEX		Y MUX8521-201-1S		195
5962F0922902KXC	A	05/06/2013	1B	AEROFLEX		Y MUX8521-901-1S		195
5962-0923001KXC	B	12/01/2015	1B	AEROFLEX		Y MUX8530-201-1S		195
5962-0923002KXC	B	12/01/2015	1B	AEROFLEX		Y MUX8531-201-1S		195
5962-0923101KXC	A	05/06/2013	1B	AEROFLEX		Y MUX8522-201-1S		195
5962F0923101KXC	A	05/06/2013	1B	AEROFLEX		Y MUX8522-901-1S		195
5962-0923102KXC	A	05/06/2013	1B	AEROFLEX		Y MUX8523-201-1S		195
5962F0923102KXC	A	05/06/2013	1B	AEROFLEX		Y MUX8523-901-1S		195
5962-0923201KXC	B	12/01/2015	1B	AEROFLEX		Y MUX8532-201-1S		195
5962-0923202KXC	B	12/01/2015	1B	AEROFLEX		Y MUX8533-201-1S		195
5962-0923301VPA	A	12/15/2016	1C	TI		Y UC19432-SP		899
5962-0923401KXA	C	10/20/2014	1B	AEROFLEX		Y PCS5035-201-2S		899
5962-0923401KXC	C	10/20/2014	1B	AEROFLEX		Y PCS5035-201-1S		899
5962R0923401KXA	C	10/20/2014	1B	AEROFLEX		Y PCS5035-901-2S		899
5962R0923401KXC	C	10/20/2014	1B	AEROFLEX		Y PCS5035-901-1S		899
5962R0923561VZA	D	01/22/2019	2	TI		Y LM4050WG2.5RLQV		899
5962R0923562VZA	D	01/22/2019	2	TI		Y LM4050WG5.0RLQV		899
5962F0923601HXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-1.5HRHS		782
5962F0923601KXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-1.5KRHS		782
5962F0923601HYC	B	06/01/2017	3B	ANAREN		Y MSK 5822-1.5HRHU		782
5962F0923601KYC	B	06/01/2017	3B	ANAREN		Y MSK 5822-1.5KRHU		782



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5962F0923601HXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-1.5HRHD		782
5962F0923601KXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-1.5KRHD		782
5962F0923602HXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-1.9HRHS		782
5962F0923602KXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-1.9KRHS		782
5962F0923602HYC	B	06/01/2017	3B	ANAREN		Y MSK 5822-1.9HRHU		782
5962F0923602KYC	B	06/01/2017	3B	ANAREN		Y MSK 5822-1.9KRHU		782
5962F0923602HXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-1.9HRHD		782
5962F0923602KXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-1.9KRHD		782
5962F0923603HXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-2.5HRHS		782
5962F0923603KXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-2.5KRHS		782
5962F0923603HYC	B	06/01/2017	3B	ANAREN		Y MSK 5822-2.5HRHU		782
5962F0923603KYC	B	06/01/2017	3B	ANAREN		Y MSK 5822-2.5KRHU		782
5962F0923603HXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-2.5HRHD		782
5962F0923603KXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-2.5KRHD		782
5962F0923604HXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-2.8HRHS		782
5962F0923604KXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-2.8KRHS		782
5962F0923604HYC	B	06/01/2017	3B	ANAREN		Y MSK 5822-2.8HRHU		782
5962F0923604KYC	B	06/01/2017	3B	ANAREN		Y MSK 5822-2.8KRHU		782
5962F0923604HXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-2.8HRHD		782
5962F0923604KXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-2.8KRHD		782
5962F0923605HXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-3.3HRHS		782
5962F0923605KXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-3.3KRHS		782
5962F0923605HYC	B	06/01/2017	3B	ANAREN		Y MSK 5822-3.3HRHU		782
5962F0923605KYC	B	06/01/2017	3B	ANAREN		Y MSK 5822-3.3KRHU		782
5962F0923605HXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-3.3HRHD		782
5962F0923605KXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-3.3KRHD		782
5962F0923606HXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-5.0HRHS		782
5962F0923606KXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-5.0KRHS		782
5962F0923606HYC	B	06/01/2017	3B	ANAREN		Y MSK 5822-5.0HRHU		782
5962F0923606KYC	B	06/01/2017	3B	ANAREN		Y MSK 5822-5.0KRHU		782
5962F0923606HXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-5.0HRHD		782
5962F0923606KXC	B	06/01/2017	3B	ANAREN		Y MSK 5822-5.0KRHD		782
5962-0923701KXA	A	06/17/2013	2	AEROFLEX		Y VRG8691-201-2S		780
5962-0923701KXC	A	06/17/2013	2	AEROFLEX		Y VRG8691-201-1S		780
5962R0923701KXA	A	06/17/2013	2	AEROFLEX		Y VRG8691-901-2S		780
5962R0923701KXC	A	06/17/2013	2	AEROFLEX		Y VRG8691-901-1S		780
5962-0923701KYA	A	06/17/2013	2	AEROFLEX		Y VRG8692-201-2S		780
5962-0923701KYC	A	06/17/2013	2	AEROFLEX		Y VRG8692-201-1S		780
5962R0923701KYA	A	06/17/2013	2	AEROFLEX		Y VRG8692-901-2S		780
5962R0923701KYC	A	06/17/2013	2	AEROFLEX		Y VRG8692-901-1S		780
5962-0924001VXC	B	08/24/2018	2	TI		Y ADS5400MHFSV		592
5962-0924101HXA	B	06/26/2014	3A	VPT		Y DVPL0505S/H-E		594
5962-0924101HXC	B	06/26/2014	3A	VPT		Y DVPL0505S/H		594
5962-0924101KXA	B	06/26/2014	3A	VPT		Y DVPL0505S/K-E		594
5962-0924101KXC	B	06/26/2014	3A	VPT		Y DVPL0505S/K		594
5962-0924201HXA	C	01/17/2017	3A	VPT		Y DVCH283R3S/H-E		594
5962-0924201HXC	C	01/17/2017	3A	VPT		Y DVCH283R3S/H		594
5962-0924201KXA	C	01/17/2017	3A	VPT		Y DVCH283R3S/K-E		594
5962-0924201KXC	C	01/17/2017	3A	VPT		Y DVCH283R3S/K		594

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5962-0924202HXA	C	01/17/2017	3A	VPT		Y DVCH2805S/H-E		594
5962-0924202HXC	C	01/17/2017	3A	VPT		Y DVCH2805S/H		594
5962-0924202KXA	C	01/17/2017	3A	VPT		Y DVCH2805S/K-E		594
5962-0924202KXC	C	01/17/2017	3A	VPT		Y DVCH2805S/K		594
5962-0924203HXA	C	01/17/2017	3A	VPT		Y DVCH285R2S/H-E		594
5962-0924203HXC	C	01/17/2017	3A	VPT		Y DVCH285R2S/H		594
5962-0924203KXA	C	01/17/2017	3A	VPT		Y DVCH285R2S/K-E		594
5962-0924203KXC	C	01/17/2017	3A	VPT		Y DVCH285R2S/K		594
5962-0924204HXA	C	01/17/2017	3A	VPT		Y DVCH2812S/H-E		594
5962-0924204HXC	C	01/17/2017	3A	VPT		Y DVCH2812S/H		594
5962-0924204KXA	C	01/17/2017	3A	VPT		Y DVCH2812S/K-E		594
5962-0924204KXC	C	01/17/2017	3A	VPT		Y DVCH2812S/K		594
5962-0924205HXA	C	01/17/2017	3A	VPT		Y DVCH2815S/H-E		594
5962-0924205HXC	C	01/17/2017	3A	VPT		Y DVCH2815S/H		594
5962-0924205KXA	C	01/17/2017	3A	VPT		Y DVCH2815S/K-E		594
5962-0924205KXC	C	01/17/2017	3A	VPT		Y DVCH2815S/K		594
5962-0924301HXA	B	06/26/2014	3A	VPT		Y DVCH2805D/H-E		594
5962-0924301HXC	B	06/26/2014	3A	VPT		Y DVCH2805D/H		594
5962-0924301KXA	B	06/26/2014	3A	VPT		Y DVCH2805D/K-E		594
5962-0924301KXC	B	06/26/2014	3A	VPT		Y DVCH2805D/K		594
5962-0924302HXA	B	06/26/2014	3A	VPT		Y DVCH2812D/H-E		594
5962-0924302HXC	B	06/26/2014	3A	VPT		Y DVCH2812D/H		594
5962-0924302KXA	B	06/26/2014	3A	VPT		Y DVCH2812D/K-E		594
5962-0924302KXC	B	06/26/2014	3A	VPT		Y DVCH2812D/K		594
5962-0924303HXA	B	06/26/2014	3A	VPT		Y DVCH2815D/H-E		594
5962-0924303HXC	B	06/26/2014	3A	VPT		Y DVCH2815D/H		594
5962-0924303KXA	B	06/26/2014	3A	VPT		Y DVCH2815D/K-E		594
5962-0924303KXC	B	06/26/2014	3A	VPT		Y DVCH2815D/K		594
5962R0924401VHA	C	01/22/2014	3A	ANALOG (4)		Y AD8212AL/QMLR		899
5962L0924402VHA	C	01/22/2014	3A	ANALOG (4)		Y AD8212AL/QMLL		899
5962-0924501KXA	B	05/10/2016	2	AEROFLEX		Y VRG8684-201-2S		780
5962-0924501KXC	B	05/10/2016	2	AEROFLEX		Y VRG8684-201-1S		780
5962R0924501KXA	B	05/10/2016	2	AEROFLEX		Y VRG8684-901-2S		780
5962R0924501KXC	B	05/10/2016	2	AEROFLEX		Y VRG8684-901-1S		780
5962-09A0101VXC	A	03/27/2014	2	COBHAM		Y UTEFE01-VXC		365
5962R09A0101VXC	A	03/27/2014	2	COBHAM		Y UTEFE01RVXC		365
5962-09A0201NXB	B	07/18/2017	2	ON SEMI.		Y 20417-001		365
5962-09A0301QXC		10/01/2009	2	ATMEL NANTES		Y AT7910EKB-MG		365
5962-09A0301VXC		10/01/2009	2	ATMEL NANTES		Y AT7910EKB-SV		365
5962R09A0301VXC		10/01/2009	2	ATMEL NANTES		Y AT7910EKB-SR		365
5962-09A0401NXB	B	05/15/2017	2	ON SEMI.		Y 20720-001		365
5962-09A0501QXC	A	05/15/2017	2	ON SEMI.		Y 20403-001		365
5962H09B0101QXC	J	05/22/2018	2	HONEYWELL (1)		Y HX503		365
5962H09B0101VXC	J	05/22/2018	2	HONEYWELL (1)		Y HX503		365
5962H09B0101QYC	J	05/22/2018	2	HONEYWELL (1)		Y HX503		365
5962H09B0101VYC	J	05/22/2018	2	HONEYWELL (1)		Y HX503		365
5962H09B0101QZC	J	05/22/2018	2	HONEYWELL (1)		Y HX503		365
5962H09B0101VZC	J	05/22/2018	2	HONEYWELL (1)		Y HX503		365
5962H09B0102QXC	J	05/22/2018	2	HONEYWELL (1)		Y HX506		365

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5962H09B0102VXC	J	05/22/2018	2	HONEYWELL (1)		Y HX506		365
5962H09B0102QYC	J	05/22/2018	2	HONEYWELL (1)		Y HX506		365
5962H09B0102VYC	J	05/22/2018	2	HONEYWELL (1)		Y HX506		365
5962H09B0102QZC	J	05/22/2018	2	HONEYWELL (1)		Y HX506		365
5962H09B0102VZC	J	05/22/2018	2	HONEYWELL (1)		Y HX506		365
5962H09B0103QXC	J	05/22/2018	2	HONEYWELL (1)		Y HX511		365
5962H09B0103VXC	J	05/22/2018	2	HONEYWELL (1)		Y HX511		365
5962H09B0103QYC	J	05/22/2018	2	HONEYWELL (1)		Y HX511		365
5962H09B0103VYC	J	05/22/2018	2	HONEYWELL (1)		Y HX511		365
5962H09B0103QZC	J	05/22/2018	2	HONEYWELL (1)		Y HX511		365
5962H09B0103VZC	J	05/22/2018	2	HONEYWELL (1)		Y HX511		365
5962H09B0104V7C	J	05/22/2018	2	HONEYWELL (1)		Y HX514		365
5962H09B0104QXC	J	05/22/2018	2	HONEYWELL (1)		Y HX514		365
5962H09B0104VXC	J	05/22/2018	2	HONEYWELL (1)		Y HX514		365
5962H09B0104QYC	J	05/22/2018	2	HONEYWELL (1)		Y HX514		365
5962H09B0104VYC	J	05/22/2018	2	HONEYWELL (1)		Y HX514		365
5962H09B0104QZC	J	05/22/2018	2	HONEYWELL (1)		Y HX514		365
5962H09B0104VZC	J	05/22/2018	2	HONEYWELL (1)		Y HX514		365
5962H09B0105QUC	J	05/22/2018	2	HONEYWELL (1)		Y HX516		365
5962H09B0105VUC	J	05/22/2018	2	HONEYWELL (1)		Y HX516		365
5962H09B0105QXC	J	05/22/2018	2	HONEYWELL (1)		Y HX516		365
5962H09B0105VXC	J	05/22/2018	2	HONEYWELL (1)		Y HX516		365
5962H09B0105QYC	J	05/22/2018	2	HONEYWELL (1)		Y HX516		365
5962H09B0105VYC	J	05/22/2018	2	HONEYWELL (1)		Y HX516		365
5962H09B0105QZC	J	05/22/2018	2	HONEYWELL (1)		Y HX516		365
5962H09B0105VZC	J	05/22/2018	2	HONEYWELL (1)		Y HX516		365
5962H09B0106QMC	J	05/22/2018	2	HONEYWELL (1)		Y HX518		365
5962H09B0106VMC	J	05/22/2018	2	HONEYWELL (1)		Y HX518		365
5962H09B0106QXC	J	05/22/2018	2	HONEYWELL (1)		Y HX518		365
5962H09B0106VXC	J	05/22/2018	2	HONEYWELL (1)		Y HX518		365
5962H09B0106QYC	J	05/22/2018	2	HONEYWELL (1)		Y HX518		365
5962H09B0106VYC	J	05/22/2018	2	HONEYWELL (1)		Y HX518		365
5962H09B0106QZC	J	05/22/2018	2	HONEYWELL (1)		Y HX518		365
5962H09B0106VZC	J	05/22/2018	2	HONEYWELL (1)		Y HX518		365
5962H09B0107Q4C	J	05/22/2018	2	HONEYWELL (1)		Y HX5SA10		365
5962H09B0107V4C	J	05/22/2018	2	HONEYWELL (1)		Y HX5SA10		365
5962H09B0107V6F	J	05/22/2018	2	HONEYWELL (1)		Y HX5SA10		365
5962H09B0107QNC	J	05/22/2018	2	HONEYWELL (1)		Y HX5SA10		365
5962H09B0107VNC	J	05/22/2018	2	HONEYWELL (1)		Y HX5SA10		365
5962H09B0107QZC	J	05/22/2018	2	HONEYWELL (1)		Y HX5SA10		365
5962H09B0107VZC	J	05/22/2018	2	HONEYWELL (1)		Y HX5SA10		365
5962H09B0108QTC	J	05/22/2018	2	HONEYWELL (1)		Y HX5SA13S		365
5962H09B0108VTC	J	05/22/2018	2	HONEYWELL (1)		Y HX5SA13S		365
5962R1020201QXC	E	05/09/2018	2	COBHAM		Y UT8ER1M32M-21XFC		629
5962R1020201VXC	E	05/09/2018	2	COBHAM		Y UT8ER1M32M-21XFC		629
5962R1020202QXC	E	05/09/2018	2	COBHAM		Y UT8ER1M32S-21XFC		629
5962R1020202VXC	E	05/09/2018	2	COBHAM		Y UT8ER1M32S-21XFC		629
5962R1020203QXC	E	05/09/2018	2	COBHAM		Y UT8ER1M32M-21XFC		629
5962R1020204QXC	E	05/09/2018	2	COBHAM		Y UT8ER1M32S-21XFC		629

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5962R1020301QXC	A	11/05/2014	2	COBHAM		Y UT8ER2M32M-22XFC		629
5962R1020301VXC	A	11/05/2014	2	COBHAM		Y UT8ER2M32M-22XFC		629
5962R1020302QXC	A	11/05/2014	2	COBHAM		Y UT8ER2M32S-22XFC		629
5962R1020302VXC	A	11/05/2014	2	COBHAM		Y UT8ER2M32S-22XFC		629
5962R1020303QXC	A	11/05/2014	2	COBHAM		Y UT8ER2M32M-22XFC		629
5962R1020304QXC	A	11/05/2014	2	COBHAM		Y UT8ER2M32S-22XFC		629
5962R1020401QXC	A	11/05/2014	2	COBHAM		Y UT8ER4M32M-25XFC		699
5962R1020402QXC	A	11/05/2014	2	COBHAM		Y UT8ER4M32S-25XFC		699
5962R1020403QXC	A	11/05/2014	2	COBHAM		Y UT8ER4M32M-25XFC		699
5962R1020404QXC	A	11/05/2014	2	COBHAM		Y UT8ER4M32S-25XFC		699
5962R1020501QXC	D	11/05/2014	2	COBHAM		Y UT8R1M39-21XFC		629
5962R1020501VXC	D	11/05/2014	2	COBHAM		Y UT8R1M39-21XFC		629
5962R1020502QXC	D	11/05/2014	2	COBHAM		Y UT8R1M39-21XFC		629
5962R1020601QXC	B	11/05/2014	2	COBHAM		Y UT8R2M39-22XFC		629
5962R1020601VXC	B	11/05/2014	2	COBHAM		Y UT8R2M39-22XFC		629
5962R1020602QXC	B	11/05/2014	2	COBHAM		Y UT8R2M39-22XFC		629
5962R1020701QXC	A	09/12/2014	2	COBHAM		Y UT8R4M39-25XFC		629
5962R1020702QXC	A	09/12/2014	2	COBHAM		Y UT8R4M39-25XFC		629
5962H1020801QXC		09/01/2010	2	HONEYWELL (1)		Y HXSRD01TQH		365
5962H1020801VXC		09/01/2010	2	HONEYWELL (1)		Y HXSRD01TVH		365
5962R1021101VDA	B	01/08/2018	2	ANALOG (4)		Y AD8182AM/QMLR		199
5962L1021102VDA	B	01/08/2018	2	ANALOG (4)		Y AD8182AM/QMLL		199
5962-1021201KXC	B	05/06/2013	1B	AEROFLEX		Y MUX8507-201-1S		199
5962F1021201KXC	B	05/06/2013	1B	AEROFLEX		Y MUX8507-901-1S		199
5962-1021202KXC	B	05/06/2013	1B	AEROFLEX		Y MUX8509-201-1S		199
5962F1021202KXC	B	05/06/2013	1B	AEROFLEX		Y MUX8509-901-1S		199
5962-1021301KMC	B	05/01/2014	2	AEROFLEX		Y VRG8654-202-1S		789
5962R1021301KMC	B	05/01/2014	2	AEROFLEX		Y VRG8654-902-1S		789
5962-1021301KUA	B	05/01/2014	2	AEROFLEX		Y VRG8653-201-2S		789
5962-1021301KUC	B	05/01/2014	2	AEROFLEX		Y VRG8653-201-1S		789
5962R1021301KUA	B	05/01/2014	2	AEROFLEX		Y VRG8653-901-2S		789
5962R1021301KUC	B	05/01/2014	2	AEROFLEX		Y VRG8653-901-1S		789
5962-1021301KZA	B	05/01/2014	2	AEROFLEX		Y VRG8654-201-2S		789
5962-1021301KZC	B	05/01/2014	2	AEROFLEX		Y VRG8654-201-1S		789
5962R1021301KZA	B	05/01/2014	2	AEROFLEX		Y VRG8654-901-2S		789
5962R1021301KZC	B	05/01/2014	2	AEROFLEX		Y VRG8654-901-1S		789
5962-1021302KMC	B	05/01/2014	2	AEROFLEX		Y VRG8688-202-1S		789
5962R1021302KMC	B	05/01/2014	2	AEROFLEX		Y VRG8688-902-1S		789
5962-1021302KUA	B	05/01/2014	2	AEROFLEX		Y VRG8687-201-2S		789
5962-1021302KUC	B	05/01/2014	2	AEROFLEX		Y VRG8687-201-1S		789
5962R1021302KUA	B	05/01/2014	2	AEROFLEX		Y VRG8687-901-2S		789
5962R1021302KUC	B	05/01/2014	2	AEROFLEX		Y VRG8687-901-1S		789
5962-1021302KZA	B	05/01/2014	2	AEROFLEX		Y VRG8688-201-2S		789
5962-1021302KZC	B	05/01/2014	2	AEROFLEX		Y VRG8688-201-1S		789
5962R1021302KZA	B	05/01/2014	2	AEROFLEX		Y VRG8688-901-2S		789
5962R1021302KZC	B	05/01/2014	2	AEROFLEX		Y VRG8688-901-1S		789
5962R1021501V9C	B	09/08/2016	2	STMICRO		Y RHR801D2V		899
5962R1021501VXC	B	09/08/2016	2	STMICRO		Y RHR801K01V		899
5962-1021601KXA	D	11/14/2018	2	INTER. RECT.2		Y M3GB2815D/CK		594

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5962-1021601KXC	D	11/14/2018	2	INTER. RECT.2		Y M3GB2815D/CK		594
5962L1021601KXA	D	11/14/2018	2	INTER. RECT.2		Y M3GB2815D/CK		594
5962L1021601KXC	D	11/14/2018	2	INTER. RECT.2		Y M3GB2815D/CK		594
5962R1021601KXA	D	11/14/2018	2	INTER. RECT.2		Y M3GB2815D/CK		594
5962R1021601KXC	D	11/14/2018	2	INTER. RECT.2		Y M3GB2815D/CK		594
5962-1021701KXA	A	04/11/2014	3A	INTER. RECT.2		Y GH2803R3S/CKA		594
5962-1021701KXC	A	04/11/2014	3A	INTER. RECT.2		Y GH2803R3S/CKC		594
5962-1021702KXA	A	04/11/2014	3A	INTER. RECT.2		Y GH2801S/CKA		594
5962-1021702KXC	A	04/11/2014	3A	INTER. RECT.2		Y GH2801S/CKC		594
5962-1021801KXA	A	01/19/2016	1B	INTER. RECT.2		Y GHP2815S/CK		594
5962-1021801KXC	A	01/19/2016	1B	INTER. RECT.2		Y GHP2815S/CK		594
5962-1021901KXA	A	01/21/2016	1B	INTER. RECT.2		Y GH2805S/CK		594
5962-1021901KXC	A	01/21/2016	1B	INTER. RECT.2		Y GH2805S/CK		594
5962-1022001HXA		02/21/2013	1A	API		Y 15313A-DESC		839
5962-1022001HXC		02/21/2013	1A	API		Y 15313-DESC		839
5962R1022101V9A	E	10/04/2018	1B	TI		Y TPS50601-RHA KGD		899
5962-1022101VSC	E	10/04/2018	1B	TI		Y TPS50601-SP		899
5962R1022101VSC	E	10/04/2018	1B	TI		Y TPS50601-RHA		899
5962R1022102V9A	E	10/04/2018	1B	TI		Y TPS50601A-RHA-KGD		899
5962-1022102VSC	E	10/04/2018	1B	TI		Y TPS50601A-SP		899
5962R1022102VSC	E	10/04/2018	1B	TI		Y TPS50601A-RHA		899
5962-1022301HXA	A	07/09/2018	3A	INTER. RECT.2		Y AMF2803R3S/CHA		594
5962-1022301HXC	A	07/09/2018	3A	INTER. RECT.2		Y AMF2803R3S/CHC		594
5962-1022401KXA	A	07/02/2013	1C	INTER. RECT.2		Y LS2805D/CKA		594
5962-1022401KXC	A	07/02/2013	1C	INTER. RECT.2		Y LS2805D/CKC		594
5962-1022401KYA	A	07/02/2013	1C	INTER. RECT.2		Y LS2805DN/CKA		594
5962-1022401KYC	A	07/02/2013	1C	INTER. RECT.2		Y LS2805DN/CKC		594
5962L1022901QXC	B	06/08/2018	2	COBHAM		Y UT8SDMQ64M40-75YEC		699
5962R1022901QXC	B	06/08/2018		(NONE)		UT8SDMQ64M40 (GEN)		699
5962L1022901QYC	B	06/08/2018	2	COBHAM		Y UT8SDMQ64M40-75ZEC		699
5962R1022901QYC	B	06/08/2018		(NONE)		UT8SDMQ64M40 (GEN)		699
5962L1022902QXC	B	06/08/2018	2	COBHAM		Y UT8SDMQ64M40-75YEC		699
5962R1022902QXC	B	06/08/2018		(NONE)		UT8SDMQ64M40 (GEN)		699
5962L1022902QYC	B	06/08/2018	2	COBHAM		Y UT8SDMQ64M40-75ZEC		699
5962R1022902QYC	B	06/08/2018		(NONE)		UT8SDMQ64M40 (GEN)		699
5962L1023001QXC	B	02/20/2019	2	COBHAM		Y UT8SDMQ64M48-75YEC		699
5962R1023001QXC	B	02/20/2019		(NONE)		UT8SDMQ64M48 (GEN)		699
5962L1023001QYC	B	02/20/2019	2	COBHAM		Y UT8SDMQ64M48-75ZEC		699
5962R1023001QYC	B	02/20/2019		(NONE)		UT8SDMQ64M48 (GEN)		699
5962L1023002QXC	B	02/20/2019	2	COBHAM		Y UT8SDMQ64M48-75YEC		699
5962R1023002QXC	B	02/20/2019		(NONE)		UT8SDMQ64M48 (GEN)		699
5962L1023002QYC	B	02/20/2019	2	COBHAM		Y UT8SDMQ64M48-75ZEC		699
5962R1023002QYC	B	02/20/2019		(NONE)		UT8SDMQ64M48 (GEN)		699
5962H1023201QXC	D	07/11/2018	2	HONEYWELL (1)		Y HXSR06432-DWH		629
5962H1023201VXC	D	07/11/2018	2	HONEYWELL (1)		Y HXSR06432-DVH		629
5962F1023301Q9A	B	08/14/2014	2	COBHAM		Y UT16MX110-QF_DIE		195
5962F1023301V9A	B	08/14/2014	2	COBHAM		Y UT16MX110-VF_DIE		195
5962R1023301Q9A	B	08/14/2014	2	COBHAM		Y UT16MX110-QR_DIE		195
5962R1023301V9A	B	08/14/2014	2	COBHAM		Y UT16MX110-VR_DIE		195



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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962F1023301QXC	B	08/14/2014	2	COBHAM		Y UT16MX110-XQC		195
5962F1023301VXC	B	08/14/2014	2	COBHAM		Y UT16MX110-XVC		195
5962R1023301QXC	B	08/14/2014	2	COBHAM		Y UT16MX110-XQC		195
5962R1023301VXC	B	08/14/2014	2	COBHAM		Y UT16MX110-XVC		195
5962F1023302QXC	B	08/14/2014		(NONE)		UT16MX110 (GEN)		195
5962R1023302QXC	B	08/14/2014		(NONE)		UT16MX110 (GEN)		195
5962F1023303Q9A	B	08/14/2014	2	COBHAM		Y UT16MX111-QF_DIE		195
5962F1023303V9A	B	08/14/2014	2	COBHAM		Y UT16MX111-VF_DIE		195
5962R1023303Q9A	B	08/14/2014	2	COBHAM		Y UT16MX111-QR_DIE		195
5962R1023303V9A	B	08/14/2014	2	COBHAM		Y UT16MX111-VR_DIE		195
5962F1023303QXC	B	08/14/2014	2	COBHAM		Y UT16MX111-XQC		195
5962F1023303VXC	B	08/14/2014	2	COBHAM		Y UT16MX111-XVC		195
5962R1023303QXC	B	08/14/2014	2	COBHAM		Y UT16MX111-XQC		195
5962R1023303VXC	B	08/14/2014	2	COBHAM		Y UT16MX111-XVC		195
5962F1023304Q9A	B	08/14/2014	2	COBHAM		Y UT16MX112-QF_DIE		195
5962F1023304V9A	B	08/14/2014	2	COBHAM		Y UT16MX112-VF_DIE		195
5962R1023304Q9A	B	08/14/2014	2	COBHAM		Y UT16MX112-QR_DIE		195
5962R1023304V9A	B	08/14/2014	2	COBHAM		Y UT16MX112-VR_DIE		195
5962F1023304QXC	B	08/14/2014	2	COBHAM		Y UT16MX112-XQC		195
5962F1023304VXC	B	08/14/2014	2	COBHAM		Y UT16MX112-XVC		195
5962R1023304QXC	B	08/14/2014	2	COBHAM		Y UT16MX112-XQC		195
5962R1023304VXC	B	08/14/2014	2	COBHAM		Y UT16MX112-XVC		195
5962F1023501K4A	B	09/20/2018	2	INTER. RECT.1		Y IRUH3301A1BK		780
5962F1023501K5A	B	09/20/2018	2	INTER. RECT.1		Y IRUH3301A1BKA		780
5962F1023501K6A	B	09/20/2018	2	INTER. RECT.1		Y IRUH3301A1BKB		780
5962-1023501KXA	B	09/20/2018		(NONE)		IRUH3301A1 (GEN)		780
5962F1023501KXA	B	09/20/2018	2	INTER. RECT.1		Y IRUH3301A1AK		780
5962-1023501KYA	B	09/20/2018		(NONE)		IRUH3301A1 (GEN)		780
5962F1023501KYA	B	09/20/2018	2	INTER. RECT.1		Y IRUH3301A1AKC		780
5962F1023502K4A	B	09/20/2018	2	INTER. RECT.1		Y IRUH3301A2BK		780
5962F1023502K5A	B	09/20/2018	2	INTER. RECT.1		Y IRUH3301A2BKA		780
5962F1023502K6A	B	09/20/2018	2	INTER. RECT.1		Y IRUH3301A2BKB		780
5962-1023502KXA	B	09/20/2018		(NONE)		IRUH3301A2 (GEN)		780
5962F1023502KXA	B	09/20/2018	2	INTER. RECT.1		Y IRUH3301A2AK		780
5962-1023502KYA	B	09/20/2018		(NONE)		IRUH3301A2 (GEN)		780
5962F1023502KYA	B	09/20/2018	2	INTER. RECT.1		Y IRUH3301A2AKC		780
5962F1023503K4A	B	09/20/2018	2	INTER. RECT.1		Y IRUH330118BK		782
5962F1023503K5A	B	09/20/2018	2	INTER. RECT.1		Y IRUH330118BKA		782
5962F1023503K6A	B	09/20/2018	2	INTER. RECT.1		Y IRUH330118BKB		782
5962-1023503KXA	B	09/20/2018		(NONE)		IRUH330118 (GEN)		782
5962F1023503KXA	B	09/20/2018	2	INTER. RECT.1		Y IRUH330118AK		782
5962-1023503KYA	B	09/20/2018		(NONE)		IRUH330118 (GEN)		782
5962F1023503KYA	B	09/20/2018	2	INTER. RECT.1		Y IRUH330118AKC		782
5962F1023504K4A	B	09/20/2018	2	INTER. RECT.1		Y IRUH330125BK		782
5962F1023504K5A	B	09/20/2018	2	INTER. RECT.1		Y IRUH330125BKA		782
5962F1023504K6A	B	09/20/2018	2	INTER. RECT.1		Y IRUH330125BKB		782
5962-1023504KXA	B	09/20/2018		(NONE)		IRUH330125 (GEN)		782
5962F1023504KXA	B	09/20/2018	2	INTER. RECT.1		Y IRUH330125AK		782
5962-1023504KYA	B	09/20/2018		(NONE)		IRUH330125 (GEN)		782

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5962F1023504KYA	B	09/20/2018	2	INTER. RECT.1		Y IRUH330125AKC		782
5962F1023505K4A	B	09/20/2018	2	INTER. RECT.1		Y IRUH330133BK		782
5962F1023505K5A	B	09/20/2018	2	INTER. RECT.1		Y IRUH330133BKA		782
5962F1023505K6A	B	09/20/2018	2	INTER. RECT.1		Y IRUH330133BKB		782
5962-1023505KXA	B	09/20/2018		(NONE)		IRUH330133 (GEN)		782
5962F1023505KXA	B	09/20/2018	2	INTER. RECT.1		Y IRUH330133AK		782
5962-1023505KYA	B	09/20/2018		(NONE)		IRUH330133 (GEN)		782
5962F1023505KYA	B	09/20/2018	2	INTER. RECT.1		Y IRUH330133AKC		782
5962F1023601QXC	A	08/16/2018	2	COBHAM		Y UT16MX115-XQC		195
5962F1023601VXC	A	08/16/2018	2	COBHAM		Y UT16MX115-XVC		195
5962R1023601QXC	A	08/16/2018	2	COBHAM		Y UT16MX115-XQC		195
5962R1023601VXC	A	08/16/2018	2	COBHAM		Y UT16MX115-XVC		195
5962F1023602QXC	A	08/16/2018	2	COBHAM		Y UT16MX113-XQC		195
5962F1023602VXC	A	08/16/2018	2	COBHAM		Y UT16MX113-XVC		195
5962R1023602QXC	A	08/16/2018	2	COBHAM		Y UT16MX113-XQC		195
5962R1023602VXC	A	08/16/2018	2	COBHAM		Y UT16MX113-XVC		195
5962F1023603QXC	A	08/16/2018	2	COBHAM		Y UT16MX114-XQC		195
5962F1023603VXC	A	08/16/2018	2	COBHAM		Y UT16MX114-XVC		195
5962R1023603QXC	A	08/16/2018	2	COBHAM		Y UT16MX114-XQC		195
5962R1023603VXC	A	08/16/2018	2	COBHAM		Y UT16MX114-XVC		195
5962F1023701QXC	B	10/04/2018	2	COBHAM		Y UT16MX117-XQC		195
5962F1023701VXC	B	10/04/2018	2	COBHAM		Y UT16MX117-XVC		195
5962R1023701QXC	B	10/04/2018	2	COBHAM		Y UT16MX117-XQC		195
5962R1023701VXC	B	10/04/2018	2	COBHAM		Y UT16MX117-XVC		195
5962F1023703QXC	B	10/04/2018	2	COBHAM		Y UT16MX116-XQC		195
5962F1023703VXC	B	10/04/2018	2	COBHAM		Y UT16MX116-XVC		195
5962R1023703QXC	B	10/04/2018	2	COBHAM		Y UT16MX116-XQC		195
5962R1023703VXC	B	10/04/2018	2	COBHAM		Y UT16MX116-XVC		195
5962F1023704QXC	B	10/04/2018	2	COBHAM		Y UT16MX116-XQC		195
5962R1023704QXC	B	10/04/2018	2	COBHAM		Y UT16MX116-XQC		195
5962-1024101KXA		03/26/2013	2	AEROFLEX		Y RHD5900-201-2S		739
5962-1024101KXC		03/26/2013	2	AEROFLEX		Y RHD5900-201-1S		739
5962H1024101KXA		03/26/2013	2	AEROFLEX		Y RHD5900-901-2S		739
5962H1024101KXC		03/26/2013	2	AEROFLEX		Y RHD5900-901-1S		739
5962-1024102KXA		03/26/2013	2	AEROFLEX		Y RHD5901-201-2S		739
5962-1024102KXC		03/26/2013	2	AEROFLEX		Y RHD5901-201-1S		739
5962H1024102KXA		03/26/2013	2	AEROFLEX		Y RHD5901-901-2S		739
5962H1024102KXC		03/26/2013	2	AEROFLEX		Y RHD5901-901-1S		739
5962-1024103KXA		03/26/2013	2	AEROFLEX		Y RHD5902-201-2S		739
5962-1024103KXC		03/26/2013	2	AEROFLEX		Y RHD5902-201-1S		739
5962H1024103KXA		03/26/2013	2	AEROFLEX		Y RHD5902-901-2S		739
5962H1024103KXC		03/26/2013	2	AEROFLEX		Y RHD5902-901-1S		739
5962-1024201KXA	B	09/14/2017	2	AEROFLEX		Y RHD5910-201-2S		779
5962-1024201KXC	B	09/14/2017	2	AEROFLEX		Y RHD5910-201-1S		779
5962H1024201KXA	B	09/14/2017	2	AEROFLEX		Y RHD5910-901-2S		779
5962H1024201KXC	B	09/14/2017	2	AEROFLEX		Y RHD5910-901-1S		779
5962-1024202KXA	B	09/14/2017		(NONE)		RHD5911 (GEN)		779
5962H1024202KXA	B	09/14/2017		(NONE)		RHD5911 (GEN)		779
5962-1024203KXA	B	09/14/2017	2	AEROFLEX		Y RHD5912-201-2S		779

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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-1024203KXC	B	09/14/2017	2	AEROFLEX		Y RHD5912-201-1S		779
5962H1024203KXA	B	09/14/2017	2	AEROFLEX		Y RHD5912-901-2S		779
5962H1024203KXC	B	09/14/2017	2	AEROFLEX		Y RHD5912-901-1S		779
5962-1024301KXA	A	09/30/2013	2	AEROFLEX		Y RHD5920-201-2S		195
5962-1024301KXC	A	09/30/2013	2	AEROFLEX		Y RHD5920-201-1S		195
5962H1024301KXA	A	09/30/2013	2	AEROFLEX		Y RHD5920-901-2S		195
5962H1024301KXC	A	09/30/2013	2	AEROFLEX		Y RHD5920-901-1S		195
5962-1024302KXA	A	09/30/2013	2	AEROFLEX		Y RHD5921-201-2S		195
5962-1024302KXC	A	09/30/2013	2	AEROFLEX		Y RHD5921-201-1S		195
5962H1024302KXA	A	09/30/2013	2	AEROFLEX		Y RHD5921-901-2S		195
5962H1024302KXC	A	09/30/2013	2	AEROFLEX		Y RHD5921-901-1S		195
5962-1024303KXA	A	09/30/2013		(NONE)		RHD5922 (GEN)		195
5962H1024303KXA	A	09/30/2013		(NONE)		RHD5922 (GEN)		195
5962H1024401VXC	A	10/19/2018	2	HONEYWELL (1)		Y 22028036		590
5962-10A0101NXXB	B	07/18/2017	3B	ON SEMI.		Y 20716-001		365
5962-10A0201QXC	D	07/18/2017	2	ON SEMI.		Y 20763-001		365
5962-10A0301QXB	A	02/11/2013	1C	ATMEL NANTES		Y AT7913E2H-MQ		365
5962-10A0301VXB	A	02/11/2013	1C	ATMEL NANTES		Y AT7913E2H-SV		365
5962R10A0301VXB	A	02/11/2013	1C	ATMEL NANTES		Y AT7913E2H-SR		365
5962-10A0301QYC	A	02/11/2013	1C	ATMEL NANTES		Y AT7913E2U-MQ		365
5962-10A0301VYC	A	02/11/2013	1C	ATMEL NANTES		Y AT7913E2U-SV		365
5962R10A0301VYC	A	02/11/2013	1C	ATMEL NANTES		Y AT7913E2U-SR		365
5962-10A0301QZC	A	02/11/2013	1C	ATMEL NANTES		Y AT7913EYC-MQ		365
5962-10A0301VZC	A	02/11/2013	1C	ATMEL NANTES		Y AT7913EYC-SV		365
5962R10A0301VZC	A	02/11/2013	1C	ATMEL NANTES		Y AT7913EYC-SR		365
5962-10A0401QXC	E	02/12/2019	2	ON SEMI.		Y 20762-001		365
5962-10A0501QXC	A	07/18/2017	2	ON SEMI.		Y 20414-002		365
5962-10A0502NYB	A	07/18/2017	2	ON SEMI.		Y 20414-003		365
5962F1120101QXA	B	04/22/2016		(NONE)	01/03/2018	1542AV18-250 (GEN)		629
5962F1120101VXA	B	04/22/2016	2	CYPRESS		Y CYRS1542AV18-250GCMB		629
5962F1120102QXA	B	04/22/2016		(NONE)	01/03/2018	1543AV18-250 (GEN)		629
5962F1120102VXA	B	04/22/2016	2	CYPRESS		Y CYRS1543AV18-250GCMB		629
5962F1120201QXA	B	04/22/2016		(NONE)	01/03/2018	1544AV18-250 (GEN)		629
5962F1120201VXA	B	04/22/2016	2	CYPRESS		Y CYRS1544AV18-250GCMB		629
5962F1120202QXA	B	04/22/2016		(NONE)	01/03/2018	1545AV18-250 (GEN)		629
5962F1120202VXA	B	04/22/2016	2	CYPRESS		Y CYRS1544AV18-250GCMB		629
5962R1120301VXA	B	06/23/2015	3A	ANALOG (4)		Y ADL5513AF/QMLR		899
5962-1120501KYA	D	02/15/2017	2	AEROFLEX		Y VRG8666-201-2S		780
5962-1120501KYC	D	02/15/2017	2	AEROFLEX		Y VRG8666-201-1S		780
5962R1120501KYA	D	02/15/2017	2	AEROFLEX		Y VRG8666-901-2S		780
5962R1120501KYC	D	02/15/2017	2	AEROFLEX		Y VRG8666-901-1S		780
5962-1120601KXA	B	03/09/2018	1A	INTER. RECT.2		Y SBB501S/CKA		782
5962-1120601KXC	B	03/09/2018	1A	INTER. RECT.2		Y SBB501S/CKC		782
5962-1120602KXA	B	03/09/2018	1A	INTER. RECT.2		Y SBB501R2S/CKA		782
5962-1120602KXC	B	03/09/2018	1A	INTER. RECT.2		Y SBB501R2S/CKC		782
5962-1120603KXA	B	03/09/2018	1A	INTER. RECT.2		Y SBB501R5S/CKA		782
5962-1120603KXC	B	03/09/2018	1A	INTER. RECT.2		Y SBB501R5S/CKC		782
5962-1120604KXA	B	03/09/2018	1A	INTER. RECT.2		Y SBB501R8S/CKA		782
5962-1120604KXC	B	03/09/2018	1A	INTER. RECT.2		Y SBB501R8S/CKC		782

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5962-1120605KXA	B	03/09/2018	1A	INTER. RECT.2		Y SBB502R5S/CKA		782
5962-1120605KXC	B	03/09/2018	1A	INTER. RECT.2		Y SBB502R5S/CKC		782
5962-1120606KXA	B	03/09/2018	1A	INTER. RECT.2		Y SBB503R3S/CKA		782
5962-1120606KXC	B	03/09/2018	1A	INTER. RECT.2		Y SBB503R3S/CKC		782
5962F1120701V9A	D	01/28/2019	2	STMICRO		Y RHFHXH163245D2V		590
5962F1120701VXC	D	01/28/2019	2	STMICRO		Y RHFHXH163245K01V		590
5962F1120701VYC	D	01/28/2019	2	STMICRO		Y RHFHXH163245K03V		590
5962-1120801KXA	B	03/21/2016	2	AEROFLEX		Y RHD5930-201-2S		591
5962-1120801KXC	B	03/21/2016	2	AEROFLEX		Y RHD5930-201-1S		591
5962H1120801KXA	B	03/21/2016	2	AEROFLEX		Y RHD5930-901-2S		591
5962H1120801KXC	B	03/21/2016	2	AEROFLEX		Y RHD5930-901-1S		591
5962H1120801KYA	B	03/21/2016	2	AEROFLEX		Y RHD5930FP-901-2S		591
5962H1120801KYC	B	03/21/2016	2	AEROFLEX		Y RHD5930FP-901-1S		591
5962-1120802KXA	B	03/21/2016	2	AEROFLEX		Y RHD5931-201-2S		591
5962-1120802KXC	B	03/21/2016	2	AEROFLEX		Y RHD5931-201-1S		591
5962H1120802KXA	B	03/21/2016	2	AEROFLEX		Y RHD5931-901-2S		591
5962H1120802KXC	B	03/21/2016	2	AEROFLEX		Y RHD5931-901-1S		591
5962H1120802KYA	B	03/21/2016	2	AEROFLEX		Y RHD5931FP-901-2S		591
5962H1120802KYC	B	03/21/2016	2	AEROFLEX		Y RHD5931FP-901-1S		591
5962-1120901HXA	F	06/14/2018		(NONE)		MFP0507S (GEN)		594
5962L1120901HXA	F	06/14/2018		(NONE)		MFP0507S (GEN)		594
5962L1120901KXA	F	06/14/2018		(NONE)		MFP0507S (GEN)		594
5962P1120901HXA	F	06/14/2018		(NONE)		MFP0507S (GEN)		594
5962P1120901KXA	F	06/14/2018		(NONE)		MFP0507S (GEN)		594
5962R1120901HXA	F	06/14/2018		(NONE)		MFP0507S (GEN)		594
5962R1120901KXA	F	06/14/2018		(NONE)		MFP0507S (GEN)		594
5962-1120901HYA	F	06/14/2018		(NONE)		MFP0507S (GEN)		594
5962L1120901HYA	F	06/14/2018		(NONE)		MFP0507S (GEN)		594
5962L1120901KYA	F	06/14/2018		(NONE)		MFP0507S (GEN)		594
5962P1120901HYA	F	06/14/2018		(NONE)		MFP0507S (GEN)		594
5962P1120901KYA	F	06/14/2018		(NONE)		MFP0507S (GEN)		594
5962R1120901HYA	F	06/14/2018		(NONE)		MFP0507S (GEN)		594
5962R1120901KYA	F	06/14/2018		(NONE)		MFP0507S (GEN)		594
5962-1120902HXA	F	06/14/2018	1B	CRANE		Y MFP0507S/883		594
5962-1120902HXC	F	06/14/2018	1B	CRANE		Y MFP0507S/883		594
5962L1120902HXA	F	06/14/2018	1B	CRANE		Y MFP0507S/HL		594
5962L1120902HXC	F	06/14/2018	1B	CRANE		Y MFP0507S/HL		594
5962L1120902KXA	F	06/14/2018	1B	CRANE		Y MFP0507S/KL		594
5962L1120902KXC	F	06/14/2018	1B	CRANE		Y MFP0507S/KL		594
5962P1120902HXA	F	06/14/2018	1B	CRANE		Y MFP0507S/HP		594
5962P1120902HXC	F	06/14/2018	1B	CRANE		Y MFP0507S/HP		594
5962P1120902KXA	F	06/14/2018	1B	CRANE		Y MFP0507S/KP		594
5962P1120902KXC	F	06/14/2018	1B	CRANE		Y MFP0507S/KP		594
5962R1120902HXA	F	06/14/2018	1B	CRANE		Y MFP0507S/HR		594
5962R1120902HXC	F	06/14/2018	1B	CRANE		Y MFP0507S/HR		594
5962R1120902KXA	F	06/14/2018	1B	CRANE		Y MFP0507S/KR		594
5962R1120902KXC	F	06/14/2018	1B	CRANE		Y MFP0507S/KR		594
5962-1120902HYA	F	06/14/2018	1B	CRANE		Y MFP0507SF/883		594
5962-1120902HYC	F	06/14/2018	1B	CRANE		Y MFP0507SF/883		594

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962L1120902HYA	F	06/14/2018	1B	CRANE		Y MFP0507SF/HL		594
5962L1120902HYC	F	06/14/2018	1B	CRANE		Y MFP0507SF/HL		594
5962L1120902KYA	F	06/14/2018	1B	CRANE		Y MFP0507SF/KL		594
5962L1120902KYC	F	06/14/2018	1B	CRANE		Y MFP0507SF/KL		594
5962P1120902HYA	F	06/14/2018	1B	CRANE		Y MFP0507SF/HP		594
5962P1120902HYC	F	06/14/2018	1B	CRANE		Y MFP0507SF/HP		594
5962P1120902KYA	F	06/14/2018	1B	CRANE		Y MFP0507SF/KP		594
5962P1120902KYC	F	06/14/2018	1B	CRANE		Y MFP0507SF/KP		594
5962R1120902HYA	F	06/14/2018	1B	CRANE		Y MFP0507SF/HR		594
5962R1120902HYC	F	06/14/2018	1B	CRANE		Y MFP0507SF/HR		594
5962R1120902KYA	F	06/14/2018	1B	CRANE		Y MFP0507SF/KR		594
5962R1120902KYC	F	06/14/2018	1B	CRANE		Y MFP0507SF/KR		594
5962-1121001HXC	A	03/12/2018	2	ANAREN		Y MSK 5251-0.8H		782
5962-1121002HXC	A	03/12/2018	2	ANAREN		Y MSK 5251-0.9H		782
5962-1121003HXC	A	03/12/2018	2	ANAREN		Y MSK 5251-1.0H		782
5962-1121004HXC	A	03/12/2018	2	ANAREN		Y MSK 5251-1.2H		782
5962-1121005HXC	A	03/12/2018	2	ANAREN		Y MSK 5251-1.3H		782
5962-1121006HXC	A	03/12/2018	2	ANAREN		Y MSK 5251-1.4H		782
5962-1121007HXC	A	03/12/2018	2	ANAREN		Y MSK 5251-1.5H		782
5962-1121101HXC	A	05/19/2014	2	ANAREN		Y MSK 5450-0.7H		782
5962-1121102HXC	A	05/19/2014	2	ANAREN		Y MSK 5450-0.8H		782
5962-1121103HXC	A	05/19/2014	2	ANAREN		Y MSK 5450-0.9H		782
5962-1121104HXC	A	05/19/2014	2	ANAREN		Y MSK 5450-1.0H		782
5962-1121105HXC	A	05/19/2014	2	ANAREN		Y MSK 5450-1.2H		782
5962-1121106HXC	A	05/19/2014	2	ANAREN		Y MSK 5450-1.3H		782
5962-1121107HXC	A	05/19/2014	2	ANAREN		Y MSK 5450-1.5H		782
5962R1121201V9A	D	03/05/2018	2	RENESAS		Y ISL75051SRHVX		789
5962R1121201QXC	D	03/05/2018	2	RENESAS		Y ISL75051SRHQF		789
5962R1121201VXC	D	03/05/2018	2	RENESAS		Y ISL75051SRHVF		789
5962R1121202V9A	D	03/05/2018	2	RENESAS		Y ISL75051SEHVX		789
5962R1121202VXC	D	03/05/2018	2	RENESAS		Y ISL75051SEHVF		789
5962R1121202VYC	D	03/05/2018	2	RENESAS		Y ISL75051SEHVFE		789
5962R1121203V9A	D	03/05/2018	2	RENESAS		Y ISL75051ASEHVX		789
5962R1121203VXC	D	03/05/2018	2	RENESAS		Y ISL75051ASEHVF		789
5962R1121203VYC	D	03/05/2018	2	RENESAS		Y ISL75051ASEHVFE		789
5962L1121204V9A	D	03/05/2018	2	RENESAS		Y ISL73051ASEHVX		789
5962L1121204VXC	D	03/05/2018	2	RENESAS		Y ISL73051ASEHVF		789
5962L1121204VYC	D	03/05/2018	2	RENESAS		Y ISL73051ASEHVFE		789
5962R1121301V9A	B	03/10/2014	2	RENESAS		Y ISL705ARHVX		429
5962R1121301QXC	B	03/10/2014	2	RENESAS		Y ISL705ARHQF		429
5962R1121301VXC	B	03/10/2014	2	RENESAS		Y ISL705ARHVF		429
5962R1121302V9A	B	03/10/2014	2	RENESAS		Y ISL705BRHVX		429
5962R1121302QXC	B	03/10/2014	2	RENESAS		Y ISL705BRHQF		429
5962R1121302VXC	B	03/10/2014	2	RENESAS		Y ISL705BRHVF		429
5962R1121303V9A	B	03/10/2014	2	RENESAS		Y ISL705CRHVX		429
5962R1121303QXC	B	03/10/2014	2	RENESAS		Y ISL705CRHQF		429
5962R1121303VXC	B	03/10/2014	2	RENESAS		Y ISL705CRHVF		429
5962R1121304V9A	B	03/10/2014	2	RENESAS		Y ISL706ARHVX		429
5962R1121304QXC	B	03/10/2014	2	RENESAS		Y ISL706ARHQF		429



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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962R1121304VXC	B	03/10/2014	2	RENESAS		Y ISL706ARHVF		429
5962R1121305V9A	B	03/10/2014	2	RENESAS		Y ISL706BRHVX		429
5962R1121305QXC	B	03/10/2014	2	RENESAS		Y ISL706BRHQF		429
5962R1121305VXC	B	03/10/2014	2	RENESAS		Y ISL706BRHVF		429
5962R1121306V9A	B	03/10/2014	2	RENESAS		Y ISL706CRHVX		429
5962R1121306QXC	B	03/10/2014	2	RENESAS		Y ISL706CRHQF		429
5962R1121306VXC	B	03/10/2014	2	RENESAS		Y ISL706CRHVF		429
5962R1121307V9A	B	03/10/2014	2	RENESAS		Y ISL705AEHVX		429
5962R1121307VXC	B	03/10/2014	2	RENESAS		Y ISL705AEHVF		429
5962R1121308V9A	B	03/10/2014	2	RENESAS		Y ISL705BEHVX		429
5962R1121308VXC	B	03/10/2014	2	RENESAS		Y ISL705BEHVF		429
5962R1121309V9A	B	03/10/2014	2	RENESAS		Y ISL705CEHVX		429
5962R1121309VXC	B	03/10/2014	2	RENESAS		Y ISL705CEHVF		429
5962R1121310V9A	B	03/10/2014	2	RENESAS		Y ISL706AEHVX		429
5962R1121310VXC	B	03/10/2014	2	RENESAS		Y ISL706AEHVF		429
5962R1121311V9A	B	03/10/2014	2	RENESAS		Y ISL706BEHVX		429
5962R1121311VXC	B	03/10/2014	2	RENESAS		Y ISL706BEHVF		429
5962R1121312V9A	B	03/10/2014	2	RENESAS		Y ISL706CEHVX		429
5962R1121312VXC	B	03/10/2014	2	RENESAS		Y ISL706CEHVF		429
5962F1121313Q9A	B	03/10/2014	1C	COBHAM		Y UT01VS50LF-Q-DIE		429
5962F1121313V9A	B	03/10/2014	1C	COBHAM		Y UT01VS50LF-V-DIE		429
5962R1121313Q9A	B	03/10/2014	1C	COBHAM		Y UT01VS50LR-Q-DIE		429
5962R1121313V9A	B	03/10/2014	1C	COBHAM		Y UT01VS50LR-V-DIE		429
5962F1121313QXC	B	03/10/2014	1C	COBHAM		Y UT01VS50LFXQC		429
5962F1121313VXC	B	03/10/2014	1C	COBHAM		Y UT01VS50LFXVC		429
5962R1121313QXC	B	03/10/2014	1C	COBHAM		Y UT01VS50LRXQC		429
5962R1121313VXC	B	03/10/2014	1C	COBHAM		Y UT01VS50LRXVC		429
5962F1121314Q9A	B	03/10/2014	1C	COBHAM		Y UT01VS50DF-Q-DIE		429
5962F1121314V9A	B	03/10/2014	1C	COBHAM		Y UT01VS50DF-V-DIE		429
5962R1121314Q9A	B	03/10/2014	1C	COBHAM		Y UT01VS50DR-Q-DIE		429
5962R1121314V9A	B	03/10/2014	1C	COBHAM		Y UT01VS50DR-V-DIE		429
5962F1121314QXC	B	03/10/2014	1C	COBHAM		Y UT01VS50DFXQC		429
5962F1121314VXC	B	03/10/2014	1C	COBHAM		Y UT01VS50DFXVC		429
5962R1121314QXC	B	03/10/2014	1C	COBHAM		Y UT01VS50DRXQC		429
5962R1121314VXC	B	03/10/2014	1C	COBHAM		Y UT01VS50DRXVC		429
5962F1121315Q9A	B	03/10/2014	1C	COBHAM		Y UT01VS33LF-Q-DIE		429
5962F1121315V9A	B	03/10/2014	1C	COBHAM		Y UT01VS33LF-V-DIE		429
5962R1121315Q9A	B	03/10/2014	1C	COBHAM		Y UT01VS33LR-Q-DIE		429
5962R1121315V9A	B	03/10/2014	1C	COBHAM		Y UT01VS33LR-V-DIE		429
5962F1121315QXC	B	03/10/2014	1C	COBHAM		Y UT01VS33LFXQC		429
5962F1121315VXC	B	03/10/2014	1C	COBHAM		Y UT01VS33LFXVC		429
5962R1121315QXC	B	03/10/2014	1C	COBHAM		Y UT01VS33LRXQC		429
5962R1121315VXC	B	03/10/2014	1C	COBHAM		Y UT01VS33LRXVC		429
5962F1121316Q9A	B	03/10/2014	1C	COBHAM		Y UT01VS33DF-Q-DIE		429
5962F1121316V9A	B	03/10/2014	1C	COBHAM		Y UT01VS33DF-V-DIE		429
5962R1121316Q9A	B	03/10/2014	1C	COBHAM		Y UT01VS33DR-Q-DIE		429
5962R1121316V9A	B	03/10/2014	1C	COBHAM		Y UT01VS33DR-V-DIE		429
5962F1121316QXC	B	03/10/2014	1C	COBHAM		Y UT01VS33DFXQC		429
5962F1121316VXC	B	03/10/2014	1C	COBHAM		Y UT01VS33DFXVC		429

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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962R1121316QXC	B	03/10/2014	1C	COBHAM		Y UT01VS33DRXQC		429
5962R1121316VXC	B	03/10/2014	1C	COBHAM		Y UT01VS33DRXVC		429
5962P1121401HXA	E	02/04/2019	1C	VPT		Y SVFL2805D/H+-E		594
5962P1121401HXC	E	02/04/2019	1C	VPT		Y SVFL2805D/H+		594
5962P1121401KXA	E	02/04/2019	1C	VPT		Y SVFL2805D/K-E		594
5962P1121401KXC	E	02/04/2019	1C	VPT		Y SVFL2805D/K		594
5962P1121401HYA	E	02/04/2019	1C	VPT		Y SVFL2805DF/H+-E		594
5962P1121401HYC	E	02/04/2019	1C	VPT		Y SVFL2805DF/H+		594
5962P1121401KYA	E	02/04/2019	1C	VPT		Y SVFL2805DF/K+-E		594
5962P1121401KYC	E	02/04/2019	1C	VPT		Y SVFL2805DF/K+		594
5962P1121402HXA	E	02/04/2019	1C	VPT		Y SVFL2812D/H+-E		594
5962P1121402HXC	E	02/04/2019	1C	VPT		Y SVFL2812D/H+		594
5962P1121402KXA	E	02/04/2019	1C	VPT		Y SVFL2812D/K-E		594
5962P1121402KXC	E	02/04/2019	1C	VPT		Y SVFL2812D/K		594
5962P1121402HYA	E	02/04/2019	1C	VPT		Y SVFL2812DF/H+-E		594
5962P1121402HYC	E	02/04/2019	1C	VPT		Y SVFL2812DF/H+		594
5962P1121402KYA	E	02/04/2019	1C	VPT		Y SVFL2812DF/K+-E		594
5962P1121402KYC	E	02/04/2019	1C	VPT		Y SVFL2812DF/K+		594
5962P1121403HXA	E	02/04/2019	1C	VPT		Y SVFL2815D/H+-E		594
5962P1121403HXC	E	02/04/2019	1C	VPT		Y SVFL2815D/H+		594
5962P1121403KXA	E	02/04/2019	1C	VPT		Y SVFL2815D/K-E		594
5962P1121403KXC	E	02/04/2019	1C	VPT		Y SVFL2815D/K		594
5962P1121403HYA	E	02/04/2019	1C	VPT		Y SVFL2815DF/H+-E		594
5962P1121403HYC	E	02/04/2019	1C	VPT		Y SVFL2815DF/H+		594
5962P1121403KYA	E	02/04/2019	1C	VPT		Y SVFL2815DF/K+-E		594
5962P1121403KYC	E	02/04/2019	1C	VPT		Y SVFL2815DF/K+		594
5962P1121501HXA	B	12/03/2013	2	VPT		Y SVHF2805D/H+-E		594
5962P1121501HXC	B	12/03/2013	2	VPT		Y SVHF2805D/H+		594
5962P1121501KXA	B	12/03/2013	2	VPT		Y SVHF2805D/K-E		594
5962P1121501KXC	B	12/03/2013	2	VPT		Y SVHF2805D/K		594
5962P1121501HYA	B	12/03/2013	2	VPT		Y SVHF2805DF/H+-E		594
5962P1121501HYC	B	12/03/2013	2	VPT		Y SVHF2805DF/H+		594
5962P1121501KYA	B	12/03/2013	2	VPT		Y SVHF2805DF/K-E		594
5962P1121501KYC	B	12/03/2013	2	VPT		Y SVHF2805DF/K		594
5962P1121502HXA	B	12/03/2013	2	VPT		Y SVHF2812D/H+-E		594
5962P1121502HXC	B	12/03/2013	2	VPT		Y SVHF2812D/H+		594
5962P1121502KXA	B	12/03/2013	2	VPT		Y SVHF2812D/K-E		594
5962P1121502KXC	B	12/03/2013	2	VPT		Y SVHF2812D/K		594
5962P1121502HYA	B	12/03/2013	2	VPT		Y SVHF2812DF/H+-E		594
5962P1121502HYC	B	12/03/2013	2	VPT		Y SVHF2812DF/H+		594
5962P1121502KYA	B	12/03/2013	2	VPT		Y SVHF2812DF/K-E		594
5962P1121502KYC	B	12/03/2013	2	VPT		Y SVHF2812DF/K		594
5962P1121503HXA	B	12/03/2013	2	VPT		Y SVHF2815D/H+-E		594
5962P1121503HXC	B	12/03/2013	2	VPT		Y SVHF2815D/H+		594
5962P1121503KXA	B	12/03/2013	2	VPT		Y SVHF2815D/K-E		594
5962P1121503KXC	B	12/03/2013	2	VPT		Y SVHF2815D/K		594
5962P1121503HYA	B	12/03/2013	2	VPT		Y SVHF2815DF/H+-E		594
5962P1121503HYC	B	12/03/2013	2	VPT		Y SVHF2815DF/H+		594
5962P1121503KYA	B	12/03/2013	2	VPT		Y SVHF2815DF/K-E		594

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962P1121503KYC	B	12/03/2013	2	VPT		Y SVHF2815DF/K		594
5962P1121601HXA	B	04/12/2017	3B	VPT		Y SVSA2805D/H+-E		594
5962P1121601HXA	B	04/12/2017	3B	VPT		Y SVSA28075D/H+-E		594
5962P1121601HXC	B	04/12/2017	3B	VPT		Y SVSA28075D/H+		594
5962P1121601HXC	B	04/12/2017	3B	VPT		Y SVSA2805D/H+		594
5962P1121601KXA	B	04/12/2017	3B	VPT		Y SVSA2805D/K-E		594
5962P1121601KXA	B	04/12/2017	3B	VPT		Y SVSA28075D/K-E		594
5962P1121601KXC	B	04/12/2017	3B	VPT		Y SVSA2805D/K		594
5962P1121601KXC	B	04/12/2017	3B	VPT		Y SVSA28075D/K		594
5962P1121602HXA	B	04/12/2017	3B	VPT		Y SVSA2812D/H+-E		594
5962P1121602HXC	B	04/12/2017	3B	VPT		Y SVSA2812D/H+		594
5962P1121602KXA	B	04/12/2017	3B	VPT		Y SVSA2812D/K-E		594
5962P1121602KXC	B	04/12/2017	3B	VPT		Y SVSA2812D/K		594
5962P1121603HXA	B	04/12/2017	3B	VPT		Y SVSA2815D/H+-E		594
5962P1121603HXC	B	04/12/2017	3B	VPT		Y SVSA2815D/H+		594
5962P1121603KXA	B	04/12/2017	3B	VPT		Y SVSA2815D/K-E		594
5962P1121603KXC	B	04/12/2017	3B	VPT		Y SVSA2815D/K		594
5962P1121701HXA	B	02/23/2015	1C	VPT		Y SVFL283R3S/H+-E		594
5962P1121701HXC	B	02/23/2015	1C	VPT		Y SVFL283R3S/H+		594
5962P1121701KXA	B	02/23/2015	1C	VPT		Y SVFL283R3S/K-E		594
5962P1121701KXC	B	02/23/2015	1C	VPT		Y SVFL283R3S/K		594
5962P1121701HYA	B	02/23/2015	1C	VPT		Y SVFL283R3SF/H+-E		594
5962P1121701HYC	B	02/23/2015	1C	VPT		Y SVFL283R3SF/H+		594
5962P1121701KYA	B	02/23/2015	1C	VPT		Y SVFL283R3SF/K+-E		594
5962P1121701KYC	B	02/23/2015	1C	VPT		Y SVFL283R3SF/K+		594
5962P1121702HXA	B	02/23/2015	1C	VPT		Y SVFL2805S/H+-E		594
5962P1121702HXC	B	02/23/2015	1C	VPT		Y SVFL2805S/H+		594
5962P1121702KXA	B	02/23/2015	1C	VPT		Y SVFL2805S/K-E		594
5962P1121702KXC	B	02/23/2015	1C	VPT		Y SVFL2805S/K		594
5962P1121702HYA	B	02/23/2015	1C	VPT		Y SVFL2805SF/H+-E		594
5962P1121702HYC	B	02/23/2015	1C	VPT		Y SVFL2805SF/H+		594
5962P1121702KYA	B	02/23/2015	1C	VPT		Y SVFL2805SF/K+-E		594
5962P1121702KYC	B	02/23/2015	1C	VPT		Y SVFL2805SF/K+		594
5962P1121703HXA	B	02/23/2015	1C	VPT		Y SVFL2812S/H+-E		594
5962P1121703HXC	B	02/23/2015	1C	VPT		Y SVFL2812S/H+		594
5962P1121703KXA	B	02/23/2015	1C	VPT		Y SVFL2812S/K-E		594
5962P1121703KXC	B	02/23/2015	1C	VPT		Y SVFL2812S/K		594
5962P1121703HYA	B	02/23/2015	1C	VPT		Y SVFL2812SF/H+-E		594
5962P1121703HYC	B	02/23/2015	1C	VPT		Y SVFL2812SF/H+		594
5962P1121703KYA	B	02/23/2015	1C	VPT		Y SVFL2812SF/K+-E		594
5962P1121703KYC	B	02/23/2015	1C	VPT		Y SVFL2812SF/K+		594
5962P1121704HXA	B	02/23/2015	1C	VPT		Y SVFL2815S/H+-E		594
5962P1121704HXC	B	02/23/2015	1C	VPT		Y SVFL2815S/H+		594
5962P1121704KXA	B	02/23/2015	1C	VPT		Y SVFL2815S/K-E		594
5962P1121704KXC	B	02/23/2015	1C	VPT		Y SVFL2815S/K		594
5962P1121704HYA	B	02/23/2015	1C	VPT		Y SVFL2815SF/H+-E		594
5962P1121704HYC	B	02/23/2015	1C	VPT		Y SVFL2815SF/H+		594
5962P1121704KYA	B	02/23/2015	1C	VPT		Y SVFL2815SF/K+-E		594
5962P1121704KYC	B	02/23/2015	1C	VPT		Y SVFL2815SF/K+		594

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962P1121801HXA	C	02/11/2019	2	VPT		Y SVHF283R3S/H+-E		594
5962P1121801HXC	C	02/11/2019	2	VPT		Y SVHF283R3S/H+		594
5962P1121801KXA	C	02/11/2019	2	VPT		Y SVHF283R3S/K-E		594
5962P1121801KXC	C	02/11/2019	2	VPT		Y SVHF283R3S/K		594
5962P1121801HYA	C	02/11/2019	2	VPT		Y SVHF283R3SF/H+-E		594
5962P1121801HYC	C	02/11/2019	2	VPT		Y SVHF283R3SF/H+		594
5962P1121801KYA	C	02/11/2019	2	VPT		Y SVHF283R3SF/K-E		594
5962P1121801KYC	C	02/11/2019	2	VPT		Y SVHF283R3SF/K		594
5962P1121802HXA	C	02/11/2019	2	VPT		Y SVHF2805S/H+-E		594
5962P1121802HXC	C	02/11/2019	2	VPT		Y SVHF2805S/H+		594
5962P1121802KXA	C	02/11/2019	2	VPT		Y SVHF2805S/K-E		594
5962P1121802KXC	C	02/11/2019	2	VPT		Y SVHF2805S/K		594
5962P1121802HYA	C	02/11/2019	2	VPT		Y SVHF2805SF/H+-E		594
5962P1121802HYC	C	02/11/2019	2	VPT		Y SVHF2805SF/H+		594
5962P1121802KYA	C	02/11/2019	2	VPT		Y SVHF2805SF/K-E		594
5962P1121802KYC	C	02/11/2019	2	VPT		Y SVHF2805SF/K		594
5962P1121803HXA	C	02/11/2019	2	VPT		Y SVHF2812S/H+-E		594
5962P1121803HXC	C	02/11/2019	2	VPT		Y SVHF2812S/H+		594
5962P1121803KXA	C	02/11/2019	2	VPT		Y SVHF2812S/K-E		594
5962P1121803KXC	C	02/11/2019	2	VPT		Y SVHF2812S/K		594
5962P1121803HYA	C	02/11/2019	2	VPT		Y SVHF2812SF/H+-E		594
5962P1121803HYC	C	02/11/2019	2	VPT		Y SVHF2812SF/H+		594
5962P1121803KYA	C	02/11/2019	2	VPT		Y SVHF2812SF/K-E		594
5962P1121803KYC	C	02/11/2019	2	VPT		Y SVHF2812SF/K		594
5962P1121804HXA	C	02/11/2019	2	VPT		Y SVHF2815S/H+-E		594
5962P1121804HXC	C	02/11/2019	2	VPT		Y SVHF2815S/H+		594
5962P1121804KXA	C	02/11/2019	2	VPT		Y SVHF2815S/K-E		594
5962P1121804KXC	C	02/11/2019	2	VPT		Y SVHF2815S/K		594
5962P1121804HYA	C	02/11/2019	2	VPT		Y SVHF2815SF/H+-E		594
5962P1121804HYC	C	02/11/2019	2	VPT		Y SVHF2815SF/H+		594
5962P1121804KYA	C	02/11/2019	2	VPT		Y SVHF2815SF/K-E		594
5962P1121804KYC	C	02/11/2019	2	VPT		Y SVHF2815SF/K		594
5962P1121805HXA	C	02/11/2019	2	VPT		Y SVHF282R5S/H+-E		594
5962P1121805HXC	C	02/11/2019	2	VPT		Y SVHF282R5S/H+		594
5962P1121805KXA	C	02/11/2019	2	VPT		Y SVHF282R5S/K-E		594
5962P1121805KXC	C	02/11/2019	2	VPT		Y SVHF282R5S/K		594
5962P1121805HYA	C	02/11/2019	2	VPT		Y SVHF282R5SF/H+-E		594
5962P1121805HYC	C	02/11/2019	2	VPT		Y SVHF282R5SF/H+		594
5962P1121805KYA	C	02/11/2019	2	VPT		Y SVHF282R5SF/K-E		594
5962P1121805KYC	C	02/11/2019	2	VPT		Y SVHF282R5SF/K		594
5962P1121806HXA	C	02/11/2019	2	VPT		Y SVHF285R2S/H+-E		594
5962P1121806HXC	C	02/11/2019	2	VPT		Y SVHF285R2S/H+		594
5962P1121806KXA	C	02/11/2019	2	VPT		Y SVHF285R2S/K-E		594
5962P1121806KXC	C	02/11/2019	2	VPT		Y SVHF285R2S/K		594
5962P1121806HYA	C	02/11/2019	2	VPT		Y SVHF285R2SF/H+-E		594
5962P1121806HYC	C	02/11/2019	2	VPT		Y SVHF285R2SF/H+		594
5962P1121806KYA	C	02/11/2019	2	VPT		Y SVHF285R2SF/K-E		594
5962P1121806KYC	C	02/11/2019	2	VPT		Y SVHF285R2SF/K		594
5962P1121807HXA	C	02/11/2019	2	VPT		Y SVHF285R7S/H+-E		594

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5962P1121807HXC	C	02/11/2019	2	VPT		Y SVHF285R7S/H+		594
5962P1121807KXA	C	02/11/2019	2	VPT		Y SVHF285R7S/K-E		594
5962P1121807KXC	C	02/11/2019	2	VPT		Y SVHF285R7S/K		594
5962P1121807HYA	C	02/11/2019	2	VPT		Y SVHF285R7SF/H+-E		594
5962P1121807HYC	C	02/11/2019	2	VPT		Y SVHF285R7SF/H+		594
5962P1121807KYA	C	02/11/2019	2	VPT		Y SVHF285R7SF/K-E		594
5962P1121807KYC	C	02/11/2019	2	VPT		Y SVHF285R7SF/K		594
5962P1121901HXA	A	09/22/2016	3B	VPT		Y SVSA283R3S/H+-E		594
5962P1121901HXC	A	09/22/2016	3B	VPT		Y SVSA283R3S/H+		594
5962P1121901KXA	A	09/22/2016	3B	VPT		Y SVSA283R3S/K-E		594
5962P1121901KXC	A	09/22/2016	3B	VPT		Y SVSA283R3S/K		594
5962P1121902HXA	A	09/22/2016	3B	VPT		Y SVSA2805S/H+-E		594
5962P1121902HXC	A	09/22/2016	3B	VPT		Y SVSA2805S/H+		594
5962P1121902KXA	A	09/22/2016	3B	VPT		Y SVSA2805S/K-E		594
5962P1121902KXC	A	09/22/2016	3B	VPT		Y SVSA2805S/K		594
5962P1121903HXA	A	09/22/2016	3B	VPT		Y SVSA2812S/H+-E		594
5962P1121903HXC	A	09/22/2016	3B	VPT		Y SVSA2812S/H+		594
5962P1121903KXA	A	09/22/2016	3B	VPT		Y SVSA2812S/K-E		594
5962P1121903KXC	A	09/22/2016	3B	VPT		Y SVSA2812S/K		594
5962P1121904HXA	A	09/22/2016	3B	VPT		Y SVSA2815S/H+-E		594
5962P1121904HXC	A	09/22/2016	3B	VPT		Y SVSA2815S/H+		594
5962P1121904KXA	A	09/22/2016	3B	VPT		Y SVSA2815S/K-E		594
5962P1121904KXC	A	09/22/2016	3B	VPT		Y SVSA2815S/K		594
5962P1121905HXA	A	09/22/2016	3B	VPT		Y SVSA285R2S/H+-E		594
5962P1121905HXC	A	09/22/2016	3B	VPT		Y SVSA285R2S/H+		594
5962P1121905KXA	A	09/22/2016	3B	VPT		Y SVSA285R2S/K-E		594
5962P1121905KXC	A	09/22/2016	3B	VPT		Y SVSA285R2S/K		594
5962P1122001HXA	C	04/17/2017	3A	VPT		Y SVTR283R3S/H-E		594
5962P1122001HXC	C	04/17/2017	3A	VPT		Y SVTR283R3S/H		594
5962P1122001KXA	C	04/17/2017	3A	VPT		Y SVTR283R3S/K-E		594
5962P1122001KXC	C	04/17/2017	3A	VPT		Y SVTR283R3S/K		594
5962P1122001HYA	C	04/17/2017	3A	VPT		Y SVTR283R3SF/H-E		594
5962P1122001HYC	C	04/17/2017	3A	VPT		Y SVTR283R3SF/H		594
5962P1122001KYA	C	04/17/2017	3A	VPT		Y SVTR283R3SF/K-E		594
5962P1122001KYC	C	04/17/2017	3A	VPT		Y SVTR283R3SF/K		594
5962P1122002HXA	C	04/17/2017	3A	VPT		Y SVTR2805S/H-E		594
5962P1122002HXC	C	04/17/2017	3A	VPT		Y SVTR2805S/H		594
5962P1122002KXA	C	04/17/2017	3A	VPT		Y SVTR2805S/K-E		594
5962P1122002KXC	C	04/17/2017	3A	VPT		Y SVTR2805S/K		594
5962P1122002HYA	C	04/17/2017	3A	VPT		Y SVTR2805SF/H-E		594
5962P1122002HYC	C	04/17/2017	3A	VPT		Y SVTR2805SF/H		594
5962P1122002KYA	C	04/17/2017	3A	VPT		Y SVTR2805SF/K-E		594
5962P1122002KYC	C	04/17/2017	3A	VPT		Y SVTR2805SF/K		594
5962P1122003HXA	C	04/17/2017	3A	VPT		Y SVTR2812S/H-E		594
5962P1122003HXC	C	04/17/2017	3A	VPT		Y SVTR2812S/H		594
5962P1122003KXA	C	04/17/2017	3A	VPT		Y SVTR2812S/K-E		594
5962P1122003KXC	C	04/17/2017	3A	VPT		Y SVTR2812S/K		594
5962P1122003HYA	C	04/17/2017	3A	VPT		Y SVTR2812SF/H-E		594
5962P1122003HYC	C	04/17/2017	3A	VPT		Y SVTR2812SF/H		594



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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962P1122003KYA	C	04/17/2017	3A	VPT		Y SVTR2812SF/K-E		594
5962P1122003KYC	C	04/17/2017	3A	VPT		Y SVTR2812SF/K		594
5962P1122004HXA	C	04/17/2017	3A	VPT		Y SVTR2815S/H-E		594
5962P1122004HXC	C	04/17/2017	3A	VPT		Y SVTR2815S/H		594
5962P1122004KXA	C	04/17/2017	3A	VPT		Y SVTR2815S/K-E		594
5962P1122004KXC	C	04/17/2017	3A	VPT		Y SVTR2815S/K		594
5962P1122004HYA	C	04/17/2017	3A	VPT		Y SVTR2815SF/H-E		594
5962P1122004HYC	C	04/17/2017	3A	VPT		Y SVTR2815SF/H		594
5962P1122004KYA	C	04/17/2017	3A	VPT		Y SVTR2815SF/K-E		594
5962P1122004KYC	C	04/17/2017	3A	VPT		Y SVTR2815SF/K		594
5962P1122005HXA	C	04/17/2017	3A	VPT		Y SVTR2808S/H-E		594
5962P1122005HXC	C	04/17/2017	3A	VPT		Y SVTR2808S/H		594
5962P1122005KXA	C	04/17/2017	3A	VPT		Y SVTR2808S/K-E		594
5962P1122005KXC	C	04/17/2017	3A	VPT		Y SVTR2808S/K		594
5962P1122005HYA	C	04/17/2017	3A	VPT		Y SVTR2808SF/H-E		594
5962P1122005HYC	C	04/17/2017	3A	VPT		Y SVTR2808SF/H		594
5962P1122005KYA	C	04/17/2017	3A	VPT		Y SVTR2808SF/K-E		594
5962P1122005KYC	C	04/17/2017	3A	VPT		Y SVTR2808SF/K		594
5962-1122101KXA	A	02/26/2018	1B	INTER. RECT.2		Y M3G2803R312T/CKA		594
5962-1122101KXC	A	02/26/2018	1B	INTER. RECT.2		Y M3G2803R312T/CKC		594
5962R1122201VZA	A	10/04/2017	1B	TI		Y LF411MWGRLQMLV		739
5962P1122301HXA	C	04/17/2017	3A	VPT		Y SVTR2805D/H-E		594
5962P1122301HXC	C	04/17/2017	3A	VPT		Y SVTR2805D/H		594
5962P1122301KXA	C	04/17/2017	3A	VPT		Y SVTR2805D/K-E		594
5962P1122301KXC	C	04/17/2017	3A	VPT		Y SVTR2805D/K		594
5962P1122301HYA	C	04/17/2017	3A	VPT		Y SVTR2805DF/H-E		594
5962P1122301HYC	C	04/17/2017	3A	VPT		Y SVTR2805DF/H		594
5962P1122301KYA	C	04/17/2017	3A	VPT		Y SVTR2805DF/K-E		594
5962P1122301KYC	C	04/17/2017	3A	VPT		Y SVTR2805DF/K		594
5962P1122302HXA	C	04/17/2017	3A	VPT		Y SVTR2812D/H-E		594
5962P1122302HXC	C	04/17/2017	3A	VPT		Y SVTR2812D/H		594
5962P1122302KXA	C	04/17/2017	3A	VPT		Y SVTR2812D/K-E		594
5962P1122302KXC	C	04/17/2017	3A	VPT		Y SVTR2812D/K		594
5962P1122302HYA	C	04/17/2017	3A	VPT		Y SVTR2812DF/H-E		594
5962P1122302HYC	C	04/17/2017	3A	VPT		Y SVTR2812DF/H		594
5962P1122302KYA	C	04/17/2017	3A	VPT		Y SVTR2812DF/K-E		594
5962P1122302KYC	C	04/17/2017	3A	VPT		Y SVTR2812DF/K		594
5962P1122303HXA	C	04/17/2017	3A	VPT		Y SVTR2815D/H-E		594
5962P1122303HXC	C	04/17/2017	3A	VPT		Y SVTR2815D/H		594
5962P1122303KXA	C	04/17/2017	3A	VPT		Y SVTR2815D/K-E		594
5962P1122303KXC	C	04/17/2017	3A	VPT		Y SVTR2815D/K		594
5962P1122303HYA	C	04/17/2017	3A	VPT		Y SVTR2815DF/H-E		594
5962P1122303HYC	C	04/17/2017	3A	VPT		Y SVTR2815DF/H		594
5962P1122303KYA	C	04/17/2017	3A	VPT		Y SVTR2815DF/K-E		594
5962P1122303KYC	C	04/17/2017	1C	VPT		Y SVTR2815DF/K		594
5962P1122304HXA	C	04/17/2017	3A	VPT		Y SVTR2808D/H-E		594
5962P1122304HXC	C	04/17/2017	3A	VPT		Y SVTR2808D/H		594
5962P1122304KXA	C	04/17/2017	3A	VPT		Y SVTR2808D/K-E		594
5962P1122304KXC	C	04/17/2017	3A	VPT		Y SVTR2808D/K		594

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962P1122304HYA	C	04/17/2017	3A	VPT		Y SVTR2808DF/H-E		594
5962P1122304HYC	C	04/17/2017	3A	VPT		Y SVTR2808DF/H		594
5962P1122304KYA	C	04/17/2017	3A	VPT		Y SVTR2808DF/K-E		594
5962P1122304KYC	C	04/17/2017	3A	VPT		Y SVTR2808DF/K		594
5962-1122401HXA	D	07/16/2018	3A	VPT		Y DVTR282R5S/H-E		594
5962-1122401HXC	D	07/16/2018	3A	VPT		Y DVTR282R5S/H		594
5962-1122401KXA	D	07/16/2018	3A	VPT		Y DVTR282R5S/K-E		594
5962-1122401KXC	D	07/16/2018	3A	VPT		Y DVTR282R5S/K		594
5962-1122401HYA	D	07/16/2018	3A	VPT		Y DVTR282R5SF/H-E		594
5962-1122401HYC	D	07/16/2018	3A	VPT		Y DVTR282R5SF/H		594
5962-1122401KYA	D	07/16/2018	3A	VPT		Y DVTR282R5SF/K-E		594
5962-1122401KYC	D	07/16/2018	3A	VPT		Y DVTR282R5SF/K		594
5962-1122402HXA	D	07/16/2018	3A	VPT		Y DVTR283R3S/H-E		594
5962-1122402HXC	D	07/16/2018	3A	VPT		Y DVTR283R3S/H		594
5962-1122402KXA	D	07/16/2018	3A	VPT		Y DVTR283R3S/K-E		594
5962-1122402KXC	D	07/16/2018	3A	VPT		Y DVTR283R3S/K		594
5962-1122402HYA	D	07/16/2018	3A	VPT		Y DVTR283R3SF/H-E		594
5962-1122402HYC	D	07/16/2018	3A	VPT		Y DVTR283R3SF/H		594
5962-1122402KYA	D	07/16/2018	3A	VPT		Y DVTR283R3SF/K-E		594
5962-1122402KYC	D	07/16/2018	3A	VPT		Y DVTR283R3SF/K		594
5962-1122403HXA	D	07/16/2018	3A	VPT		Y DVTR2805S/H-E		594
5962-1122403HXC	D	07/16/2018	3A	VPT		Y DVTR2805S/H		594
5962-1122403KXA	D	07/16/2018	3A	VPT		Y DVTR2805S/K-E		594
5962-1122403KXC	D	07/16/2018	3A	VPT		Y DVTR2805S/K		594
5962-1122403HYA	D	07/16/2018	3A	VPT		Y DVTR2805SF/H-E		594
5962-1122403HYC	D	07/16/2018	3A	VPT		Y DVTR2805SF/H		594
5962-1122403KYA	D	07/16/2018	3A	VPT		Y DVTR2805SF/K-E		594
5962-1122403KYC	D	07/16/2018	3A	VPT		Y DVTR2805SF/K		594
5962-1122404HXA	D	07/16/2018	3A	VPT		Y DVTR285R2S/H-E		594
5962-1122404HXC	D	07/16/2018	3A	VPT		Y DVTR285R2S/H		594
5962-1122404KXA	D	07/16/2018	3A	VPT		Y DVTR285R2S/K-E		594
5962-1122404KXC	D	07/16/2018	3A	VPT		Y DVTR285R2S/K		594
5962-1122404HYA	D	07/16/2018	3A	VPT		Y DVTR285R2SF/H-E		594
5962-1122404HYC	D	07/16/2018	3A	VPT		Y DVTR285R2SF/H		594
5962-1122404KYA	D	07/16/2018	3A	VPT		Y DVTR285R2SF/K-E		594
5962-1122404KYC	D	07/16/2018	3A	VPT		Y DVTR285R2SF/K		594
5962-1122405HXA	D	07/16/2018	3A	VPT		Y DVTR2812S/H-E		594
5962-1122405HXC	D	07/16/2018	3A	VPT		Y DVTR2812S/H		594
5962-1122405KXA	D	07/16/2018	3A	VPT		Y DVTR2812S/K-E		594
5962-1122405KXC	D	07/16/2018	3A	VPT		Y DVTR2812S/K		594
5962-1122405HYA	D	07/16/2018	3A	VPT		Y DVTR2812SF/H-E		594
5962-1122405HYC	D	07/16/2018	3A	VPT		Y DVTR2812SF/H		594
5962-1122405KYA	D	07/16/2018	3A	VPT		Y DVTR2812SF/K-E		594
5962-1122405KYC	D	07/16/2018	3A	VPT		Y DVTR2812SF/K		594
5962-1122406HXA	D	07/16/2018	3A	VPT		Y DVTR2815S/H-E		594
5962-1122406HXC	D	07/16/2018	3A	VPT		Y DVTR2815S/H		594
5962-1122406KXA	D	07/16/2018	3A	VPT		Y DVTR2815S/K-E		594
5962-1122406KXC	D	07/16/2018	3A	VPT		Y DVTR2815S/K		594
5962-1122406HYA	D	07/16/2018	3A	VPT		Y DVTR2815SF/H-E		594

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-1122406HXC	D	07/16/2018	3A	VPT		Y DVTR2815SF/H		594
5962-1122406KYA	D	07/16/2018	3A	VPT		Y DVTR2815SF/K-E		594
5962-1122406KXC	D	07/16/2018	3A	VPT		Y DVTR2815SF/K		594
5962-1122407HXA	D	07/16/2018	3A	VPT		Y DVTR2828S/H-E		594
5962-1122407HXC	D	07/16/2018	3A	VPT		Y DVTR2828S/H		594
5962-1122407KXA	D	07/16/2018	3A	VPT		Y DVTR2828S/K-E		594
5962-1122407KXC	D	07/16/2018	3A	VPT		Y DVTR2828S/K		594
5962-1122407HYA	D	07/16/2018	3A	VPT		Y DVTR2828SF/H-E		594
5962-1122407HXC	D	07/16/2018	3A	VPT		Y DVTR2828SF/H		594
5962-1122407KYA	D	07/16/2018	3A	VPT		Y DVTR2828SF/K-E		594
5962-1122407KXC	D	07/16/2018	3A	VPT		Y DVTR2828SF/K		594
5962-1122408HXA	D	07/16/2018	3A	VPT		Y DVTR289R5S/H-E		594
5962-1122408HXC	D	07/16/2018	3A	VPT		Y DVTR289R5S/H		594
5962-1122408KXA	D	07/16/2018	3A	VPT		Y DVTR289R5S/K-E		594
5962-1122408KXC	D	07/16/2018	3A	VPT		Y DVTR289R5S/K		594
5962-1122408HYA	D	07/16/2018	3A	VPT		Y DVTR289R5SF/H-E		594
5962-1122408HXC	D	07/16/2018	3A	VPT		Y DVTR289R5SF/H		594
5962-1122408KYA	D	07/16/2018	3A	VPT		Y DVTR289R5SF/K-E		594
5962-1122408KXC	D	07/16/2018	3A	VPT		Y DVTR289R5SF/K		594
5962-1122409HXA	D	07/16/2018	3A	VPT		Y DVTR2808S/H-E		594
5962-1122409HXC	D	07/16/2018	3A	VPT		Y DVTR2808S/H		594
5962-1122409KXA	D	07/16/2018	3A	VPT		Y DVTR2808S/K-E		594
5962-1122409KXC	D	07/16/2018	3A	VPT		Y DVTR2808S/K		594
5962-1122409HYA	D	07/16/2018	3A	VPT		Y DVTR2808SF/H-E		594
5962-1122409HXC	D	07/16/2018	3A	VPT		Y DVTR2808SF/H		594
5962-1122409KYA	D	07/16/2018	3A	VPT		Y DVTR2808SF/K-E		594
5962-1122409KXC	D	07/16/2018	3A	VPT		Y DVTR2808SF/K		594
5962-1122410HXA	D	07/16/2018	3A	VPT		Y DVTR2818S/H-E		594
5962-1122410HXC	D	07/16/2018	3A	VPT		Y DVTR2818S/H		594
5962-1122410KXA	D	07/16/2018	3A	VPT		Y DVTR2818S/K-E		594
5962-1122410KXC	D	07/16/2018	3A	VPT		Y DVTR2818S/K		594
5962-1122410HYA	D	07/16/2018	3A	VPT		Y DVTR2818SF/H-E		594
5962-1122410HXC	D	07/16/2018	3A	VPT		Y DVTR2818SF/H		594
5962-1122410KYA	D	07/16/2018	3A	VPT		Y DVTR2818SF/K-E		594
5962-1122410KXC	D	07/16/2018	3A	VPT		Y DVTR2818SF/K		594
5962-1122501HXA	D	08/03/2016	3A	VPT		Y DVTR2805D/H-E		594
5962-1122501HXC	D	08/03/2016	3A	VPT		Y DVTR2805D/H		594
5962-1122501KXA	D	08/03/2016	3A	VPT		Y DVTR2805D/K-E		594
5962-1122501KXC	D	08/03/2016	3A	VPT		Y DVTR2805D/K		594
5962-1122501HYA	D	08/03/2016	3A	VPT		Y DVTR2805DF/H-E		594
5962-1122501HXC	D	08/03/2016	3A	VPT		Y DVTR2805DF/H		594
5962-1122501KYA	D	08/03/2016	3A	VPT		Y DVTR2805DF/K-E		594
5962-1122501KXC	D	08/03/2016	3A	VPT		Y DVTR2805D/K		594
5962-1122502HXA	D	08/03/2016	3A	VPT		Y DVTR2812D/H-E		594
5962-1122502HXC	D	08/03/2016	3A	VPT		Y DVTR2812D/H		594
5962-1122502KXA	D	08/03/2016	3A	VPT		Y DVTR2812D/K-E		594
5962-1122502KXC	D	08/03/2016	3A	VPT		Y DVTR2812D/K		594
5962-1122502HYA	D	08/03/2016	3A	VPT		Y DVTR2812DF/H-E		594
5962-1122502HXC	D	08/03/2016	3A	VPT		Y DVTR2812DF/H		594

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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-1122502KYA	D	08/03/2016	3A	VPT		Y DVTR2812DF/K-E		594
5962-1122502KYC	D	08/03/2016	3A	VPT		Y DVTR2812DF/K		594
5962-1122503HXA	D	08/03/2016	3A	VPT		Y DVTR2815D/H-E		594
5962-1122503HXC	D	08/03/2016	3A	VPT		Y DVTR2815D/H		594
5962-1122503KXA	D	08/03/2016	3A	VPT		Y DVTR2815D/K-E		594
5962-1122503KXC	D	08/03/2016	3A	VPT		Y DVTR2815D/K		594
5962-1122503HYA	D	08/03/2016	3A	VPT		Y DVTR2815DF/H-E		594
5962-1122503HYC	D	08/03/2016	3A	VPT		Y DVTR2815DF/H		594
5962-1122503KYA	D	08/03/2016	3A	VPT		Y DVTR2815DF/K-E		594
5962-1122503KYC	D	08/03/2016	3A	VPT		Y DVTR2815DF/K		594
5962-1122504HXA	D	08/03/2016	3A	VPT		Y DVTR2808D/H-E		594
5962-1122504HXC	D	08/03/2016	3A	VPT		Y DVTR2808D/H		594
5962-1122504KXA	D	08/03/2016	3A	VPT		Y DVTR2808D/K-E		594
5962-1122504KXC	D	08/03/2016	3A	VPT		Y DVTR2808D/K		594
5962-1122504HYA	D	08/03/2016	3A	VPT		Y DVTR2808DF/H-E		594
5962-1122504HYC	D	08/03/2016	3A	VPT		Y DVTR2808DF/H		594
5962-1122504KYA	D	08/03/2016	3A	VPT		Y DVTR2808DF/K-E		594
5962-1122504KYC	D	08/03/2016	3A	VPT		Y DVTR2808DF/K		594
5962-1122601HXA	B	05/04/2015	3A	VPT		Y DVHV283R3S/H-E		594
5962-1122601HXC	B	05/04/2015	3A	VPT		Y DVHV283R3S/H		594
5962-1122601KXA	B	05/04/2015	3A	VPT		Y DVHV283R3S/K-E		594
5962-1122601KXC	B	05/04/2015	3A	VPT		Y DVHV283R3S/K		594
5962-1122601HYA	B	05/04/2015	3A	VPT		Y DVHV283R3SF/H-E		594
5962-1122601HYC	B	05/04/2015	3A	VPT		Y DVHV283R3SF/H		594
5962-1122601KYA	B	05/04/2015	3A	VPT		Y DVHV283R3SF/K-E		594
5962-1122601KYC	B	05/04/2015	3A	VPT		Y DVHV283R3SF/K		594
5962-1122602HXA	B	05/04/2015	3A	VPT		Y DVHV2805S/H-E		594
5962-1122602HXC	B	05/04/2015	3A	VPT		Y DVHV2805S/H		594
5962-1122602KXA	B	05/04/2015	3A	VPT		Y DVHV2805S/K-E		594
5962-1122602KXC	B	05/04/2015	3A	VPT		Y DVHV2805S/K		594
5962-1122602HYA	B	05/04/2015	3A	VPT		Y DVHV2805SF/H-E		594
5962-1122602HYC	B	05/04/2015	3A	VPT		Y DVHV2805SF/H		594
5962-1122602KYA	B	05/04/2015	3A	VPT		Y DVHV2805SF/K-E		594
5962-1122602KYC	B	05/04/2015	3A	VPT		Y DVHV2805SF/K		594
5962-1122603HXA	B	05/04/2015	3A	VPT		Y DVHV285R2S/H-E		594
5962-1122603HXC	B	05/04/2015	3A	VPT		Y DVHV285R2S/H		594
5962-1122603KXA	B	05/04/2015	3A	VPT		Y DVHV285R2S/K-E		594
5962-1122603KXC	B	05/04/2015	3A	VPT		Y DVHV285R2S/K		594
5962-1122603HYA	B	05/04/2015	3A	VPT		Y DVHV285R2SF/H-E		594
5962-1122603HYC	B	05/04/2015	3A	VPT		Y DVHV285R2SF/H		594
5962-1122603KYA	B	05/04/2015	3A	VPT		Y DVHV285R2SF/K-E		594
5962-1122603KYC	B	05/04/2015	3A	VPT		Y DVHV285R2SF/K		594
5962-1122604HXA	B	05/04/2015	3A	VPT		Y DVHV2812S/H-E		594
5962-1122604HXC	B	05/04/2015	3A	VPT		Y DVHV2812S/H		594
5962-1122604KXA	B	05/04/2015	3A	VPT		Y DVHV2812S/K-E		594
5962-1122604KXC	B	05/04/2015	3A	VPT		Y DVHV2812S/K		594
5962-1122604HYA	B	05/04/2015	3A	VPT		Y DVHV2812SF/H-E		594
5962-1122604HYC	B	05/04/2015	3A	VPT		Y DVHV2812SF/H		594
5962-1122604KYA	B	05/04/2015	3A	VPT		Y DVHV2812SF/K-E		594

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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-1122604KYC	B	05/04/2015	3A	VPT		Y DVHV2812SF/K		594
5962-1122605HXA	B	05/04/2015	3A	VPT		Y DVHV2815S/H-E		594
5962-1122605HXC	B	05/04/2015	3A	VPT		Y DVHV2815S/H		594
5962-1122605KXA	B	05/04/2015	3A	VPT		Y DVHV2815S/K-E		594
5962-1122605KXC	B	05/04/2015	3A	VPT		Y DVHV2815S/K		594
5962-1122605HYA	B	05/04/2015	3A	VPT		Y DVHV2815SF/H-E		594
5962-1122605HYC	B	05/04/2015	3A	VPT		Y DVHV2815SF/H		594
5962-1122605KYA	B	05/04/2015	3A	VPT		Y DVHV2815SF/K-E		594
5962-1122605KYC	B	05/04/2015	3A	VPT		Y DVHV2815SF/K		594
5962-1122701HXA	D	05/05/2015	3A	VPT		Y DVHV2805D/H-E		594
5962-1122701HXC	D	05/05/2015	3A	VPT		Y DVHV2805D/H		594
5962-1122701KXA	D	05/05/2015	3A	VPT		Y DVHV2805D/K-E		594
5962-1122701KXC	D	05/05/2015	3A	VPT		Y DVHV2805D/K		594
5962-1122701HYA	D	05/05/2015	3A	VPT		Y DVHV2805DF/H-E		594
5962-1122701HYC	D	05/05/2015	3A	VPT		Y DVHV2805DF/H		594
5962-1122701KYA	D	05/05/2015	3A	VPT		Y DVHV2805DF/K-E		594
5962-1122701KYC	D	05/05/2015	3A	VPT		Y DVHV2805DF/K		594
5962-1122702HXA	D	05/05/2015	3A	VPT		Y DVHV2812D/H-E		594
5962-1122702HXC	D	05/05/2015	3A	VPT		Y DVHV2812D/H		594
5962-1122702KXA	D	05/05/2015	3A	VPT		Y DVHV2812D/K-E		594
5962-1122702KXC	D	05/05/2015	3A	VPT		Y DVHV2812D/K		594
5962-1122702HYA	D	05/05/2015	3A	VPT		Y DVHV2812DF/H-E		594
5962-1122702HYC	D	05/05/2015	3A	VPT		Y DVHV2812DF/H		594
5962-1122702KYA	D	05/05/2015	3A	VPT		Y DVHV2812DF/K-E		594
5962-1122702KYC	D	05/05/2015	3A	VPT		Y DVHV2812DF/K		594
5962-1122703HXA	D	05/05/2015	3A	VPT		Y DVHV2815D/H-E		594
5962-1122703HXC	D	05/05/2015	3A	VPT		Y DVHV2815D/H		594
5962-1122703KXA	D	05/05/2015	3A	VPT		Y DVHV2815D/K-E		594
5962-1122703KXC	D	05/05/2015	3A	VPT		Y DVHV2815D/K		594
5962-1122703HYA	D	05/05/2015	3A	VPT		Y DVHV2815DF/H-E		594
5962-1122703HYC	D	05/05/2015	3A	VPT		Y DVHV2815DF/H		594
5962-1122703KYA	D	05/05/2015	3A	VPT		Y DVHV2815DF/K-E		594
5962-1122703KYC	D	05/05/2015	3A	VPT		Y DVHV2815DF/K		594
5962R1122801HXC	A	01/02/2018	1B	ANAREN		Y MSK 106HRH		739
5962R1122801KXC	A	01/02/2018	1B	ANAREN		Y MSK 106KRH		739
5962R1122801HYC	A	01/02/2018	1B	ANAREN		Y MSK 106HRHG		739
5962R1122801KYC	A	01/02/2018	1B	ANAREN		Y MSK 106KRHG		739
5962R1122901HXC		01/24/2017	2	ANAREN		Y MSK 5930HRHS		789
5962R1122901KXC		01/24/2017	2	ANAREN		Y MSK 5930KRHS		789
5962R1122901HYC		01/24/2017	2	ANAREN		Y MSK 5930HRHU		789
5962R1122901KYC		01/24/2017	2	ANAREN		Y MSK 5930KRHU		789
5962R1122901HXC		01/24/2017	2	ANAREN		Y MSK 5930HRHD		789
5962R1122901KXC		01/24/2017	2	ANAREN		Y MSK 5930KRHD		789
5962R1122902HXC		01/24/2017	2	ANAREN		Y MSK 5931HRHS		789
5962R1122902KXC		01/24/2017	2	ANAREN		Y MSK 5931KRHS		789
5962R1122902YXC		01/24/2017	2	ANAREN		Y MSK 5931HRHU		789
5962R1122902KYC		01/24/2017	2	ANAREN		Y MSK 5931KRHU		789
5962R1122902HXC		01/24/2017	2	ANAREN		Y MSK 5931HRHD		789
5962R1122902KXC		01/24/2017	2	ANAREN		Y MSK 5931KRHD		789



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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962R1122903HXC		01/24/2017	2	ANAREN		Y MSK 5932HRHS		789
5962R1122903KXC		01/24/2017	2	ANAREN		Y MSK 5932KRHS		789
5962R1122903HYC		01/24/2017	2	ANAREN		Y MSK 5932HRHU		789
5962R1122903KYC		01/24/2017	2	ANAREN		Y MSK 5932KRHU		789
5962R1122903HXC		01/24/2017	2	ANAREN		Y MSK 5932HRHD		789
5962R1122903KXC		01/24/2017	2	ANAREN		Y MSK 5932KRHD		789
5962R1122904HXC		01/24/2017	2	ANAREN		Y MSK 5933HRHS		789
5962R1122904KXC		01/24/2017	2	ANAREN		Y MSK 5933KRHS		789
5962R1122904HYC		01/24/2017	2	ANAREN		Y MSK 5933HRHU		789
5962R1122904KYC		01/24/2017	2	ANAREN		Y MSK 5933KRHU		789
5962R1122904HXC		01/24/2017	2	ANAREN		Y MSK 5933HRHD		789
5962R1122904KXC		01/24/2017	2	ANAREN		Y MSK 5933KRHD		789
5962R1122905HXC		01/24/2017	2	ANAREN		Y MSK 5934HRHS		789
5962R1122905KXC		01/24/2017	2	ANAREN		Y MSK 5934KRHS		789
5962R1122905HYC		01/24/2017	2	ANAREN		Y MSK 5934HRHU		789
5962R1122905KYC		01/24/2017	2	ANAREN		Y MSK 5934KRHU		789
5962R1122905HXC		01/24/2017	2	ANAREN		Y MSK 5934HRHD		789
5962R1122905KXC		01/24/2017	2	ANAREN		Y MSK 5934KRHD		789
5962R1122906HXC		01/24/2017	2	ANAREN		Y MSK 5935HRHS		789
5962R1122906KXC		01/24/2017	2	ANAREN		Y MSK 5935KRHS		789
5962R1122906HYC		01/24/2017	2	ANAREN		Y MSK 5935HRHU		789
5962R1122906KYC		01/24/2017	2	ANAREN		Y MSK 5935KRHU		789
5962R1122906HXC		01/24/2017	2	ANAREN		Y MSK 5935HRHD		789
5962R1122906KXC		01/24/2017	2	ANAREN		Y MSK 5935KRHD		789
5962R1122907HXC		01/24/2017	2	ANAREN		Y MSK 5936HRHS		789
5962R1122907KXC		01/24/2017	2	ANAREN		Y MSK 5936KRHS		789
5962R1122907HYC		01/24/2017	2	ANAREN		Y MSK 5936HRHU		789
5962R1122907KYC		01/24/2017	2	ANAREN		Y MSK 5936KRHU		789
5962R1122907HXC		01/24/2017	2	ANAREN		Y MSK 5936HRHD		789
5962R1122907KXC		01/24/2017	2	ANAREN		Y MSK 5936KRHD		789
5962R1122908HXC		01/24/2017	2	ANAREN		Y MSK 5937HRHS		789
5962R1122908KXC		01/24/2017	2	ANAREN		Y MSK 5937KRHS		789
5962R1122908HYC		01/24/2017	2	ANAREN		Y MSK 5937HRHU		789
5962R1122908KYC		01/24/2017	2	ANAREN		Y MSK 5937KRHU		789
5962R1122908HXC		01/24/2017	2	ANAREN		Y MSK 5937HRHD		789
5962R1122908KXC		01/24/2017	2	ANAREN		Y MSK 5937KRHD		789
5962R1122909HXC		01/24/2017	2	ANAREN		Y MSK 5938HRHS		789
5962R1122909KXC		01/24/2017	2	ANAREN		Y MSK 5938KRHS		789
5962R1122909HYC		01/24/2017	2	ANAREN		Y MSK 5938HRHU		789
5962R1122909KYC		01/24/2017	2	ANAREN		Y MSK 5938KRHU		789
5962R1122909HXC		01/24/2017	2	ANAREN		Y MSK 5938HRHD		789
5962R1122909KXC		01/24/2017	2	ANAREN		Y MSK 5938KRHD		789
5962R1122910HXC		01/24/2017	2	ANAREN		Y MSK 5939HRHS		789
5962R1122910KXC		01/24/2017	2	ANAREN		Y MSK 5939KRHS		789
5962R1122910HYC		01/24/2017	2	ANAREN		Y MSK 5939HRHU		789
5962R1122910KYC		01/24/2017	2	ANAREN		Y MSK 5939KRHU		789
5962R1122910HXC		01/24/2017	2	ANAREN		Y MSK 5939HRHD		789
5962R1122910KXC		01/24/2017	2	ANAREN		Y MSK 5939KRHD		789
5962R1123101HXC	A	07/09/2018	3A	ANAREN		Y MSK 5044HRHS		786

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962R1123101KXC	A	07/09/2018	3A	ANAREN		Y MSK 5044KRHS		786
5962R1123101HYC	A	07/09/2018	3A	ANAREN		Y MSK 5044HRHU		786
5962R1123101KYC	A	07/09/2018	3A	ANAREN		Y MSK 5044KRHU		786
5962R1123101HZC	A	07/09/2018	3A	ANAREN		Y MSK 5044HRHD		786
5962R1123101KZC	A	07/09/2018	3A	ANAREN		Y MSK 5044KRHD		786
5962R1123201HXC		03/26/2014	3A	ANAREN		Y MSK 5048HRHS		789
5962R1123201KXC		03/26/2014	3A	ANAREN		Y MSK 5048KRHS		789
5962R1123201HYC		03/26/2014	3A	ANAREN		Y MSK 5048HRHGW		789
5962R1123201KYC		03/26/2014	3A	ANAREN		Y MSK 5048KRHGW		789
5962R1123201HZC		03/26/2014	3A	ANAREN		Y MSK 5048HRHD		789
5962R1123201KZC		03/26/2014	3A	ANAREN		Y MSK 5048KRHD		789
5962R1123401HXC	A	02/11/2016	2	ANAREN		Y MSK 5059HRH		787
5962R1123401KXC	A	02/11/2016	2	ANAREN		Y MSK 5059KRH		787
5962R1123401HYC	A	02/11/2016	2	ANAREN		Y MSK 5059HRHG		787
5962R1123401KYC	A	02/11/2016	2	ANAREN		Y MSK 5059KRHG		787
5962F1123501QXC	A	04/02/2018		(NONE)	01/03/2018		1049DV33-12 (GEN)	629
5962F1123501VXC	A	04/02/2018	2	CYPRESS		Y CYRS1049DV33-12FZMB		629
5962-1123701VXC	B	07/14/2014	1C	TI		Y SMV512K32HFG		629
5962R1123901VHA	B	06/03/2015	2	ANALOG (4)		Y ADL5501AL/QMLR		899
5962L1123902VHA	B	06/03/2015	2	ANALOG (4)		Y ADL5501AL/QMLL		899
5962-1124001KXC		05/20/2015	2	AEROFLEX		Y RHD8540-201-1S		199
5962H1124001KXC		05/20/2015	2	AEROFLEX		Y RHD8540-901-1S		199
5962-1124002KXC		05/20/2015	2	AEROFLEX		Y RHD8541-201-1S		199
5962H1124002KXC		05/20/2015	2	AEROFLEX		Y RHD8541-901-1S		199
5962-1124201VFA	A	03/21/2014	3A	TI		Y SN55LVCP22W-SP		599
5962-11A0101NXB	B	07/18/2017	2	ON SEMI.		Y 20785-001		365
5962L1220101EXA	B	11/01/2018	3B	CRANE		Y SMRT288R7S/EKL		594
5962L1220101EXC	B	11/01/2018	3B	CRANE		Y SMRT288R7S/EKL		594
5962P1220101EXA	B	11/01/2018	3B	CRANE		Y SMRT288R7S/EKP		594
5962P1220101EXC	B	11/01/2018	3B	CRANE		Y SMRT288R7S/EKP		594
5962P1220101HXA	B	11/01/2018		(NONE)		SMRT288R7S (GEN)		594
5962P1220101KXA	B	11/01/2018		(NONE)		SMRT288R7S (GEN)		594
5962R1220101EXA	B	11/01/2018	3B	CRANE		Y SMRT288R7S/EKR		594
5962R1220101EXC	B	11/01/2018	3B	CRANE		Y SMRT288R7S/EKR		594
5962R1220101HXA	B	11/01/2018		(NONE)		SMRT288R7S (GEN)		594
5962R1220101KXA	B	11/01/2018		(NONE)		SMRT288R7S (GEN)		594
5962R1220201V9A	A	06/13/2013	2	RENESAS		Y ISL70002SEHVX		789
5962R1220201VXC	A	06/13/2013	2	RENESAS		Y ISL70002SEHVF		789
5962R1220201VYC	A	06/13/2013	2	RENESAS		Y ISL70002SEHVE		789
5962-1220301KXC	A	03/17/2016	2	AEROFLEX		Y RHD5950-201-1S		592
5962R1220301KXC	A	03/17/2016	2	AEROFLEX		Y RHD5950-901-1S		592
5962D1220401Q9A	A	08/13/2014	2	COBHAM		Y UT8QNF8M8-Q-DIE		699
5962D1220401QXC	A	08/13/2014	2	COBHAM		Y UT8QNF8M8-60XEC		699
5962D1220402Q9A	A	08/13/2014	2	COBHAM		Y UT8QNF8M8-Q-DIE		699
5962D1220402QXC	A	08/13/2014	2	COBHAM		Y UT8QNF8M8-60XEC		699
5962L1220403Q9A	A	08/13/2014	2	COBHAM		Y UT8QNF8M8-Q-DIE		699
5962L1220403QXC	A	08/13/2014	2	COBHAM		Y UT8QNF8M8-60XEC		699
5962L1220404Q9A	A	08/13/2014	2	COBHAM		Y UT8QNF8M8-Q-DIE		699
5962L1220404QXC	A	08/13/2014	2	COBHAM		Y UT8QNF8M8-60XEC		699

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5962-1220801KXA	A	10/01/2013	2	AEROFLEX		Y RHD5928-201-2S		193
5962-1220801KXC	A	10/01/2013	2	AEROFLEX		Y RHD5928-201-1S		193
5962H1220801KXA	A	10/01/2013	2	AEROFLEX		Y RHD5928-901-2S		193
5962H1220801KXC	A	10/01/2013	2	AEROFLEX		Y RHD5928-901-1S		193
5962-1220802KXA	A	10/01/2013		(NONE)		RHD5929 (GEN)		193
5962H1220802KXA	A	10/01/2013		(NONE)		RHD5929 (GEN)		193
5962-1220803KXA	A	10/01/2013		(NONE)		RHD5927 (GEN)		195
5962H1220803KXA	A	10/01/2013		(NONE)		RHD5927 (GEN)		195
5962-1220901KXC		06/15/2015	2	AEROFLEX		Y RHD8544-201-1S		279
5962H1220901KXC		06/15/2015	2	AEROFLEX		Y RHD8544-901-1S		279
5962-1220902KXC		06/15/2015	2	AEROFLEX		Y RHD8545-201-1S		279
5962H1220902KXC		06/15/2015	2	AEROFLEX		Y RHD8545-901-1S		279
5962-1221001KXC		06/15/2015	2	AEROFLEX		Y RHD8542-201-1S		279
5962H1221001KXC		06/15/2015	2	AEROFLEX		Y RHD8542-901-1S		279
5962-1221002KXC		06/15/2015	2	AEROFLEX		Y RHD8543-201-1S		279
5962H1221002KXC		06/15/2015	2	AEROFLEX		Y RHD8543-901-1S		279
5962-1221101KXC	A	05/23/2016	2	AEROFLEX		Y RHD5958-201-1S		592
5962R1221101KXC	A	05/23/2016	2	AEROFLEX		Y RHD5958-901-1S		592
5962L1221401HUA	B	06/04/2018		(NONE)		SMFLHP2805 (GEN)		594
5962L1221401KUA	B	06/04/2018		(NONE)		SMFLHP2805 (GEN)		594
5962P1221401HUA	B	06/04/2018		(NONE)		SMFLHP2805 (GEN)		594
5962P1221401KUA	B	06/04/2018		(NONE)		SMFLHP2805 (GEN)		594
5962R1221401HUA	B	06/04/2018		(NONE)		SMFLHP2805 (GEN)		594
5962R1221401KUA	B	06/04/2018		(NONE)		SMFLHP2805 (GEN)		594
5962L1221401HXA	B	06/04/2018		(NONE)		SMFLHP2805 (GEN)		594
5962L1221401KXA	B	06/04/2018		(NONE)		SMFLHP2805 (GEN)		594
5962P1221401HXA	B	06/04/2018		(NONE)		SMFLHP2805 (GEN)		594
5962P1221401KXA	B	06/04/2018		(NONE)		SMFLHP2805 (GEN)		594
5962R1221401HXA	B	06/04/2018		(NONE)		SMFLHP2805 (GEN)		594
5962R1221401KXA	B	06/04/2018		(NONE)		SMFLHP2805 (GEN)		594
5962L1221402HXA	B	06/04/2018	3B	CRANE		Y SMFLHP2805S/HL		594
5962L1221402HXC	B	06/04/2018	3B	CRANE		Y SMFLHP2805S/HL		594
5962L1221402KXA	B	06/04/2018	3B	CRANE		Y SMFLHP2805S/KL		594
5962L1221402KXC	B	06/04/2018	3B	CRANE		Y SMFLHP2805S/KL		594
5962P1221402HXA	B	06/04/2018	3B	CRANE		Y SMFLHP2805S/HP		594
5962P1221402HXC	B	06/04/2018	3B	CRANE		Y SMFLHP2805S/HP		594
5962P1221402KXA	B	06/04/2018	3B	CRANE		Y SMFLHP2805S/KP		594
5962P1221402KXC	B	06/04/2018	3B	CRANE		Y SMFLHP2805S/KP		594
5962R1221402HXA	B	06/04/2018	3B	CRANE		Y SMFLHP2805S/HR		594
5962R1221402HXC	B	06/04/2018	3B	CRANE		Y SMFLHP2805S/HR		594
5962R1221402KXA	B	06/04/2018	3B	CRANE		Y SMFLHP2805S/KR		594
5962R1221402KXC	B	06/04/2018	3B	CRANE		Y SMFLHP2805S/KR		594
5962R1221901HXA	C	02/09/2016	3B	VPT		Y SVGA0510S/H+-E		594
5962R1221901HXC	C	02/09/2016	3B	VPT		Y SVGA0510S/H+		594
5962R1221901KXA	C	02/09/2016	3B	VPT		Y SVGA0510S/K-E		594
5962R1221901KXC	C	02/09/2016	3B	VPT		Y SVGA0510S/K		594
5962R1221902HXA	C	02/09/2016	3B	VPT		Y SVGA0515S/H+-E		594
5962R1221902HXC	C	02/09/2016	3B	VPT		Y SVGA0515S/H+		594
5962R1221902KXA	C	02/09/2016	3B	VPT		Y SVGA0515S/K-E		594

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5962R1221902KXC	C	02/09/2016	3B	VPT		Y	SVGA0515S/K	594
5962R1222201V9A	A	03/19/2014	2	RENESAS		Y	ISL70218SEHVX	739
5962R1222201VXC	A	03/19/2014	2	RENESAS		Y	ISL70218SEHVF	739
5962R1222301V9A	A	09/13/2017	2	RENESAS		Y	ISL70227SEHVX	739
5962R1222301VXC	A	09/13/2017	2	RENESAS		Y	ISL70227SEHVF	739
5962-1222401Q9A	D	02/04/2016	3A	TI		Y	TPS7A4501MKGD1	789
5962-1222401QHA	D	02/04/2016	3A	TI		Y	TPS7A4501MUB	789
5962-1222402V9A	D	02/04/2016	3A	TI		Y	TPS7A4501KGD-SP	789
5962-1222402VHA	D	02/04/2016	3A	TI		Y	TPS7A4501-SP	789
5962R1222403V9A	D	02/04/2016	3A	TI		Y	TPS7A4501RHAKGD	789
5962R1222403VXC	D	02/04/2016	3A	TI		Y	TPS7A4501-RHA	789
5962-1222501QUC	C	12/14/2018	1B	ATMEL NANTES	02/01/2019	Y	ATF280FYJ-MQ	381
5962-1222501VUC	C	12/14/2018	1B	ATMEL NANTES	02/01/2019	Y	ATF280FYJ-SV	381
5962R1222501VUC	C	12/14/2018	1B	ATMEL NANTES	02/01/2019	Y	ATF280FYJ-SR	381
5962-1222501QXB	C	12/14/2018	1B	ATMEL NANTES	02/01/2019	Y	ATF280F2J-MQ	381
5962-1222501VXB	C	12/14/2018	1B	ATMEL NANTES	02/01/2019	Y	ATF280F2J-SV	381
5962R1222501VXB	C	12/14/2018	1B	ATMEL NANTES	02/01/2019	Y	ATF280F2J-SR	381
5962-1222501QYC	C	12/14/2018	1B	ATMEL NANTES	02/01/2019	Y	ATF280F2V-MQ	381
5962-1222501VYC	C	12/14/2018	1B	ATMEL NANTES	02/01/2019	Y	ATF280F2V-SV	381
5962R1222501VYC	C	12/14/2018	1B	ATMEL NANTES	02/01/2019	Y	ATF280F2V-SR	381
5962-1222501QZC	C	12/14/2018	1B	ATMEL NANTES	02/01/2019	Y	ATF280FYF-MQ	381
5962-1222501VZC	C	12/14/2018	1B	ATMEL NANTES	02/01/2019	Y	ATF280FYF-SV	381
5962R1222501VZC	C	12/14/2018	1B	ATMEL NANTES	02/01/2019	Y	ATF280FYF-SR	381
5962-1222601KXA		05/27/2014	2	AEROFLEX		Y	RHD5980-201-2S	590
5962-1222601KXC		05/27/2014	2	AEROFLEX		Y	RHD5980-201-1S	590
5962H1222601KXA		05/27/2014	2	AEROFLEX		Y	RHD5980-901-2S	590
5962H1222601KXC		05/27/2014	2	AEROFLEX		Y	RHD5980-901-1S	590
5962H1222701QXC	F	01/16/2018	2	COBHAM		Y	UT8R2M8-40XQC	629
5962H1222701VXC	F	01/16/2018	2	COBHAM		Y	UT8R2M8-40XVC	629
5962H1222701QYC	F	01/16/2018	2	COBHAM		Y	UT8R2M8-40YQC	629
5962H1222701VYC	F	01/16/2018	2	COBHAM		Y	UT8R2M8-40YVC	629
5962H1222702QXC	F	01/16/2018	2	COBHAM		Y	UT8R2M8-40XQC	629
5962H1222702QYC	F	01/16/2018	2	COBHAM		Y	UT8R2M8-40YQC	629
5962F1222801V9A	B	05/17/2016	2	RENESAS		Y	ISL70417SEHVX	739
5962F1222801VXC	B	05/17/2016	2	RENESAS		Y	ISL70417SEHVF	739
5962H1222901QXA	C	10/17/2016		(NONE)			8447257-1244 (GEN)	409
5962H1222901VXF	C	10/17/2016		(NONE)			8447257-1241 (GEN)	409
5962H1222902QXA	C	10/17/2016		(NONE)			8447257-1234 (GEN)	409
5962H1222902VXF	C	10/17/2016		(NONE)			8447257-1231 (GEN)	409
5962H1222903QXA	C	10/17/2016		(NONE)			8447257-1334 (GEN)	409
5962H1222903VXF	C	10/17/2016		(NONE)			8447257-1331 (GEN)	409
5962H1222904QXA	C	10/17/2016	2	BAE SYSTEMS		Y	8447257-2244	409
5962H1222904VXA	C	10/17/2016	2	BAE SYSTEMS		Y	8447257-2241	409
5962H1222905QXA	C	10/17/2016	2	BAE SYSTEMS		Y	8447257-2234	409
5962H1222905VXA	C	10/17/2016	2	BAE SYSTEMS		Y	8447257-2231	409
5962H1222906QXA	C	10/17/2016	2	BAE SYSTEMS		Y	8447257-2334	409
5962H1222906VXA	C	10/17/2016	2	BAE SYSTEMS		Y	8447257-2331	409
5962-1223201KXC	A	04/16/2015	1B	AEROFLEX		Y	PCS5038-201-1S	821
5962R1223201KXC	A	04/16/2015	1B	AEROFLEX		Y	PCS5038-901-1S	821

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5962R1223301VXA	A	10/21/2015	3A	ANALOG (4)		Y AD8210AF/QMLR		899
5962L1223302VXA	A	10/21/2015	3A	ANALOG (4)		Y AD8210AF/QMLL		899
5962H12B0101QXA		07/17/2012		BAE SYSTEMS		Y RH150NM-(ASIC-Q)		365
5962H12B0101VXA		07/17/2012		BAE SYSTEMS		Y RH150NM-(ASIC-V)		365
5962H12B0101QYA		07/17/2012		BAE SYSTEMS		Y RH150NM-(ASIC-Q)		365
5962H12B0101VYA		07/17/2012		BAE SYSTEMS		Y RH150NM-(ASIC-V)		365
5962H12B0101QZA		07/17/2012		BAE SYSTEMS		Y RH150NM-(ASIC-Q)		365
5962H12B0101VZA		07/17/2012		BAE SYSTEMS		Y RH150NM-(ASIC-V)		365
5962-1320101KXA		04/01/2016	2	AEROFLEX		Y RHD5932-201-2S		591
5962-1320101KXC		04/01/2016	2	AEROFLEX		Y RHD5932-201-1S		591
5962H1320101KXA		04/01/2016	2	AEROFLEX		Y RHD5932-901-2S		591
5962H1320101KXC		04/01/2016	2	AEROFLEX		Y RHD5932-901-1S		591
5962-1320201VXC	E	01/23/2018	2	TI		Y TPS7H1101-SP		780
5962R1320201VXC	E	01/23/2018	2	TI		Y TPS7H1101-RHA		780
5962R1320202V9A	E	01/23/2018	2	TI		Y TPS7H1101A-RHA		780
5962R1320202VXC	E	01/23/2018	2	TI		Y TPS7H1101A-RHA		780
5962R1320301KUA	B	04/24/2014	2	AEROFLEX		Y VRG8667-901-2S		780
5962R1320301KUC	B	04/24/2014	2	AEROFLEX		Y VRG8667-901-1S		780
5962R1320301KZA	B	04/24/2014	2	AEROFLEX		Y VRG8668-901-2S		780
5962R1320301KZC	B	04/24/2014	2	AEROFLEX		Y VRG8668-901-1S		780
5962R1320501VXA	C	06/21/2017	1C	ANALOG (4)		Y ADCLK925AF/QMLR		899
5962L1320502VXA	C	06/21/2017	1C	ANALOG (4)		Y ADCLK925AF/QMLL		899
5962F1320601QXC	A	02/24/2014	1C	COBHAM		Y UT04VS33PQXC		899
5962F1320601VXC	A	02/24/2014	1C	COBHAM		Y UT04VS33PVXC		899
5962R1320601QXC	A	02/24/2014	1C	COBHAM		Y UT04VS33PQXC		899
5962R1320601VXC	A	02/24/2014	1C	COBHAM		Y UT04VS33PVXC		899
5962F1320602QXC	A	02/24/2014	1C	COBHAM		Y UT04VS50PQXC		899
5962F1320602VXC	A	02/24/2014	1C	COBHAM		Y UT04VS50PVXC		899
5962R1320602QXC	A	02/24/2014	1C	COBHAM		Y UT04VS50PQXC		899
5962R1320602VXC	A	02/24/2014	1C	COBHAM		Y UT04VS50PVXC		899
5962H1320701QXC	B	07/25/2017	2	COBHAM		Y UT8MR8M8-50XQC		629
5962H1320701VXC	B	07/25/2017	2	COBHAM		Y UT8MR8M8-50XVC		629
5962H1320702QXC	B	07/25/2017	2	COBHAM		Y UT8MR8M8-50XQC		629
5962R1320801VXC		01/13/2014	2	TI		Y ADS5474-RHA		592
5962R1320901HXA	B	05/11/2017	1C	VPT		Y SVRTR283R3S/H+-E		594
5962R1320901HXC	B	05/11/2017	1C	VPT		Y SVRTR283R3S/H+		594
5962R1320901KXA	B	05/11/2017	1C	VPT		Y SVRTR283R3S/K-E		594
5962R1320901KXC	B	05/11/2017	1C	VPT		Y SVRTR283R3S/K		594
5962R1320901HYA	B	05/11/2017	1C	VPT		Y SVRTR283R3SF/H+-E		594
5962R1320901HYC	B	05/11/2017	1C	VPT		Y SVRTR283R3SF/H+		594
5962R1320901KYA	B	05/11/2017	1C	VPT		Y SVRTR283R3SF/K-E		594
5962R1320901KYC	B	05/11/2017	1C	VPT		Y SVRTR283R3SF/K		594
5962R1320902HXA	B	05/11/2017	1C	VPT		Y SVRTR2805S/H+-E		594
5962R1320902HXC	B	05/11/2017	1C	VPT		Y SVRTR2805S/H+		594
5962R1320902KXA	B	05/11/2017	1C	VPT		Y SVRTR2805S/K-E		594
5962R1320902KXC	B	05/11/2017	1C	VPT		Y SVRTR2805S/K		594
5962R1320902HYA	B	05/11/2017	1C	VPT		Y SVRTR2805SF/H+-E		594
5962R1320902HYC	B	05/11/2017	1C	VPT		Y SVRTR2805SF/H+		594
5962R1320902KYA	B	05/11/2017	1C	VPT		Y SVRTR2805SF/K-E		594



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5962R1320902KYC	B	05/11/2017	1C	VPT		Y SVRTR2805SF/K		594
5962R1320903HXA	B	05/11/2017	1C	VPT		Y SVRTR2812S/H+-E		594
5962R1320903HXC	B	05/11/2017	1C	VPT		Y SVRTR2812S/H+		594
5962R1320903KXA	B	05/11/2017	1C	VPT		Y SVRTR2812S/K-E		594
5962R1320903KXC	B	05/11/2017	1C	VPT		Y SVRTR2812S/K		594
5962R1320903HYA	B	05/11/2017	1C	VPT		Y SVRTR2812SF/H+-E		594
5962R1320903HYC	B	05/11/2017	1C	VPT		Y SVRTR2812SF/H+		594
5962R1320903KYA	B	05/11/2017	1C	VPT		Y SVRTR2812SF/K-E		594
5962R1320903KYC	B	05/11/2017	1C	VPT		Y SVRTR2812SF/K		594
5962R1320904HXA	B	05/11/2017	1C	VPT		Y SVRTR2815S/H+-E		594
5962R1320904HXC	B	05/11/2017	1C	VPT		Y SVRTR2815S/H+		594
5962R1320904KXA	B	05/11/2017	1C	VPT		Y SVRTR2815S/K-E		594
5962R1320904KXC	B	05/11/2017	1C	VPT		Y SVRTR2815S/K		594
5962R1320904HYA	B	05/11/2017	1C	VPT		Y SVRTR2815SF/H+-E		594
5962R1320904HYC	B	05/11/2017	1C	VPT		Y SVRTR2815SF/H+		594
5962R1320904KYA	B	05/11/2017	1C	VPT		Y SVRTR2815SF/K-E		594
5962R1320904KYC	B	05/11/2017	1C	VPT		Y SVRTR2815SF/K		594
5962R1321001HXA	B	05/11/2017	1C	VPT		Y SVRTR2812D/H+-E		594
5962R1321001HXC	B	05/11/2017	1C	VPT		Y SVRTR2812D/H+		594
5962R1321001KXA	B	05/11/2017	1C	VPT		Y SVRTR2812D/K-E		594
5962R1321001KXC	B	05/11/2017	1C	VPT		Y SVRTR2812D/K		594
5962R1321001HYA	B	05/11/2017	1C	VPT		Y SVRTR2812DF/H+-E		594
5962R1321001HYC	B	05/11/2017	1C	VPT		Y SVRTR2812DF/H+		594
5962R1321001KYA	B	05/11/2017	1C	VPT		Y SVRTR2812DF/K-E		594
5962R1321001KYC	B	05/11/2017	1C	VPT		Y SVRTR2812DF/K		594
5962R1321002HXA	B	05/11/2017	1C	VPT		Y SVRTR2815D/H+-E		594
5962R1321002HXC	B	05/11/2017	1C	VPT		Y SVRTR2815D/H+		594
5962R1321002KXA	B	05/11/2017	1C	VPT		Y SVRTR2815D/K-E		594
5962R1321002KXC	B	05/11/2017	1C	VPT		Y SVRTR2815D/K		594
5962R1321002HYA	B	05/11/2017	1C	VPT		Y SVRTR2815DF/H+-E		594
5962R1321002HYC	B	05/11/2017	1C	VPT		Y SVRTR2815DF/H+		594
5962R1321002KYA	B	05/11/2017	1C	VPT		Y SVRTR2815DF/K-E		594
5962R1321002KYC	B	05/11/2017	1C	VPT		Y SVRTR2815DF/K		594
5962R1321101V9A	B	02/18/2015	2	RENESAS		Y ISL71090SEHVX12		785
5962R1321101VXC	B	02/18/2015	2	RENESAS		Y ISL71090SEHVF12		785
5962R1321102V9A	B	02/18/2015	2	RENESAS		Y ISL71090SEHVX25		785
5962R1321102VXC	B	02/18/2015	2	RENESAS		Y ISL71090SEHVF25		785
5962R1321103V9A	B	02/18/2015	2	RENESAS		Y ISL71090SEHVX50		785
5962R1321103VXC	B	02/18/2015	2	RENESAS		Y ISL71090SEHVF50		785
5962R1321104V9A	B	02/18/2015	2	RENESAS		Y ISL71090SEHVX75		785
5962R1321104VXC	B	02/18/2015	2	RENESAS		Y ISL71090SEHVF75		785
5962H1321201QXC	B	02/01/2019	2	HONEYWELL (1)		Y HXNV01600AWH		629
5962H1321201VXC	B	02/01/2019	2	HONEYWELL (1)		Y HXNV01600AVH		629
5962F1321401V9A	E	01/23/2019	2	RENESAS		Y ISL70444SEHVX		713
5962F1321401VXC	E	01/23/2019	2	RENESAS		Y ISL70444SEHVF		713
5962F1321402V9A	E	01/23/2019	2	RENESAS		Y ISL70444ASEHVX		713
5962F1321402VXC	E	01/23/2019	2	RENESAS		Y ISL70444ASEHVF		713
5962L1321403V9A	E	01/23/2019	2	RENESAS		Y ISL73444SEHVX		713
5962L1321403VXC	E	01/23/2019	2	RENESAS		Y ISL73444SEHVF		713

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5962F1321501V9A	C	05/03/2018	2	RENESAS		Y ISL71590SEHVX		899
5962F1321501VXC	C	05/03/2018	2	RENESAS		Y ISL71590SEHVF		899
5962L1321502V9A	C	05/03/2018	2	RENESAS		Y ISL73590SEHVX		899
5962L1321502VXC	C	05/03/2018	2	RENESAS		Y ISL73590SEHVF		899
5962-1321601KXA	A	12/04/2013	1C	INTER. RECT.2		Y S2807S/CKA		594
5962-1321601KXC	A	12/04/2013	1C	INTER. RECT.2		Y S2807S/CKC		594
5962R1321701HXA	A	02/09/2016	3B	VPT		Y SVRGA0508S/H+-E		594
5962R1321701HXC	A	02/09/2016	3B	VPT		Y SVRGA0508S/H+		594
5962R1321701KXA	A	02/09/2016	3B	VPT		Y SVRGA0508S/K-E		594
5962R1321701KXC	A	02/09/2016	3B	VPT		Y SVRGA0508S/K		594
5962-1321901HXA		08/27/2013	3A	VPT		Y DVPL0510S/H-E		594
5962-1321901HXC		08/27/2013	3A	VPT		Y DVPL0510S/H		594
5962-1321901KXA		08/27/2013	3A	VPT		Y DVPL0510S/K-E		594
5962-1321901KXC		08/27/2013	3A	VPT		Y DVPL0510S/K		594
5962R1322001V9A	B	12/04/2018	2	RENESAS		Y ISL75052SEHVX		789
5962R1322001VXC	B	12/04/2018	2	RENESAS		Y ISL75052SEHVFE		789
5962L1322002V9A	B	12/04/2018	2	RENESAS		Y ISL73052SEHVX		789
5962L1322002VXC	B	12/04/2018	2	RENESAS		Y ISL73052SEHVFE		789
5962L1322101EXA	B	01/16/2019	3B	CRANE		Y SMRT28507T/EKL		594
5962L1322101EXC	B	01/16/2019	3B	CRANE		Y SMRT28507T/EKL		594
5962P1322101EXA	B	01/16/2019	3B	CRANE		Y SMRT28507T/EKP		594
5962P1322101EXC	B	01/16/2019	3B	CRANE		Y SMRT28507T/EKP		594
5962P1322101HXA	B	01/16/2019		(NONE)		SMRT28507T (GEN)		594
5962P1322101KXA	B	01/16/2019		(NONE)		SMRT28507T (GEN)		594
5962R1322101EXA	B	01/16/2019	3B	CRANE		Y SMRT28507T/EKR		594
5962R1322101EXC	B	01/16/2019	3B	CRANE		Y SMRT28507T/EKR		594
5962R1322101HXA	B	01/16/2019		(NONE)		SMRT28507T (GEN)		594
5962R1322101KXA	B	01/16/2019		(NONE)		SMRT28507T (GEN)		594
5962R1322201HXC		06/22/2015	1B	ANAREN		Y MSK 196HRH		752
5962R1322201KXC		06/22/2015	1B	ANAREN		Y MSK 196KRH		752
5962R1322201HYC		06/22/2015	1B	ANAREN		Y MSK 196HRHG		752
5962R1322201KYC		06/22/2015	1B	ANAREN		Y MSK 196KRHG		752
5962-1322501HXC	A	08/08/2016	0	DDC		Y BU-67402F30HL-110		590
5962-1322501HXC	A	08/08/2016	0	DDC		Y BU-67402F0GHL-110		590
5962-1322501KXC	A	08/08/2016	0	DDC		Y BU-67402F30KL-431L		590
5962-1322501HYA	A	08/08/2016	0	DDC		Y BU-67402G30HL-140		590
5962-1322501HYA	A	08/08/2016	0	DDC		Y BU-67402G0GHL-140		590
5962-1322501HYC	A	08/08/2016	0	DDC		Y BU-67402G0GHL-110		590
5962-1322501HYC	A	08/08/2016	0	DDC		Y BU-67402G30HL-110		590
5962-1322501KYA	A	08/08/2016	0	DDC		Y BU-67402G30KL-451L		590
5962-1322501KYC	A	08/08/2016	0	DDC		Y BU-67402G30KL-431L		590
5962-1322502HXC	A	08/08/2016	0	DDC		Y BU-67402F80HL-110		590
5962-1322502KXC	A	08/08/2016	0	DDC		Y BU-67402F80KL-431		590
5962-1322502HYA	A	08/08/2016	0	DDC		Y BU-67402G80HL-140		590
5962-1322502HYC	A	08/08/2016	0	DDC		Y BU-67402G80HL-110		590
5962-1322502KYA	A	08/08/2016	0	DDC		Y BU-67402G80KL-451		590
5962-1322502KYC	A	08/08/2016	0	DDC		Y BU-67402G80KL-431		590
5962R1323101HXA	A	05/11/2017	3B	VPT		Y SVRHF283R3S/H+-E		594
5962R1323101HXC	A	05/11/2017	3B	VPT		Y SVRHF283R3S/H+		594

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5962R1323101KXA	A	05/11/2017	3B	VPT		Y SVRHF283R3S/K+-E		594
5962R1323101KXC	A	05/11/2017	3B	VPT		Y SVRHF283R3S/K+		594
5962R1323101HYA	A	05/11/2017	3B	VPT		Y SVRHF283R3SF/H+-E		594
5962R1323101HYC	A	05/11/2017	3B	VPT		Y SVRHF283R3SF/H+		594
5962R1323101KYA	A	05/11/2017	3B	VPT		Y SVRHF283R3SF/K+-E		594
5962R1323101KYC	A	05/11/2017	3B	VPT		Y SVRHF283R3SF/K+		594
5962R1323102HXA	A	05/11/2017	3B	VPT		Y SVRHF2805S/H+-E		594
5962R1323102HXC	A	05/11/2017	3B	VPT		Y SVRHF2805S/H+		594
5962R1323102KXA	A	05/11/2017	3B	VPT		Y SVRHF2805S/K+-E		594
5962R1323102KXC	A	05/11/2017	3B	VPT		Y SVRHF2805S/K+		594
5962R1323102HYA	A	05/11/2017	3B	VPT		Y SVRHF2805SF/H+-E		594
5962R1323102HYC	A	05/11/2017	3B	VPT		Y SVRHF2805SF/H+		594
5962R1323102KYA	A	05/11/2017	3B	VPT		Y SVRHF2805SF/K+-E		594
5962R1323102KYC	A	05/11/2017	3B	VPT		Y SVRHF2805SF/K+		594
5962R1323103HXA	A	05/11/2017	3B	VPT		Y SVRHF2812S/H+-E		594
5962R1323103HXC	A	05/11/2017	3B	VPT		Y SVRHF2812S/H+		594
5962R1323103KXA	A	05/11/2017	3B	VPT		Y SVRHF2812S/K+-E		594
5962R1323103KXC	A	05/11/2017	3B	VPT		Y SVRHF2812S/K+		594
5962R1323103HYA	A	05/11/2017	3B	VPT		Y SVRHF2812SF/H+-E		594
5962R1323103HYC	A	05/11/2017	3B	VPT		Y SVRHF2812SF/H+		594
5962R1323103KYA	A	05/11/2017	3B	VPT		Y SVRHF2812SF/K+-E		594
5962R1323103KYC	A	05/11/2017	3B	VPT		Y SVRHF2812SF/K+		594
5962R1323104HXA	A	05/11/2017	3B	VPT		Y SVRHF2815S/H+-E		594
5962R1323104HXC	A	05/11/2017	3B	VPT		Y SVRHF2815S/H+		594
5962R1323104KXA	A	05/11/2017	3B	VPT		Y SVRHF2815S/K+-E		594
5962R1323104KXC	A	05/11/2017	3B	VPT		Y SVRHF2815S/K+		594
5962R1323104HYA	A	05/11/2017	3B	VPT		Y SVRHF2815SF/H+-E		594
5962R1323104HYC	A	05/11/2017	3B	VPT		Y SVRHF2815SF/H+		594
5962R1323104KYA	A	05/11/2017	3B	VPT		Y SVRHF2815SF/K+-E		594
5962R1323104KYC	A	05/11/2017	3B	VPT		Y SVRHF2815SF/K+		594
5962R1323201HXA	A	05/11/2017	3B	VPT		Y SVRHF2805D/H+-E		594
5962R1323201HXC	A	05/11/2017	3B	VPT		Y SVRHF2805D/H+		594
5962R1323201KXA	A	05/11/2017	3B	VPT		Y SVRHF2805D/K+-E		594
5962R1323201KXC	A	05/11/2017	3B	VPT		Y SVRHF2805D/K+		594
5962R1323201HYA	A	05/11/2017	3B	VPT		Y SVRHF2805DF/H+-E		594
5962R1323201HYC	A	05/11/2017	3B	VPT		Y SVRHF2805DF/H+		594
5962R1323201KYA	A	05/11/2017	3B	VPT		Y SVRHF2805DF/K+-E		594
5962R1323201KYC	A	05/11/2017	3B	VPT		Y SVRHF2805DF/K+		594
5962R1323202HXA	A	05/11/2017	3B	VPT		Y SVRHF2812D/H+-E		594
5962R1323202HXC	A	05/11/2017	3B	VPT		Y SVRHF2812D/H+		594
5962R1323202KXA	A	05/11/2017	3B	VPT		Y SVRHF2812D/K+-E		594
5962R1323202KXC	A	05/11/2017	3B	VPT		Y SVRHF2812D/K+		594
5962R1323202HYA	A	05/11/2017	3B	VPT		Y SVRHF2812DF/H+-E		594
5962R1323202HYC	A	05/11/2017	3B	VPT		Y SVRHF2812DF/H+		594
5962R1323202KYA	A	05/11/2017	3B	VPT		Y SVRHF2812DF/K+-E		594
5962R1323202KYC	A	05/11/2017	3B	VPT		Y SVRHF2812DF/K+		594
5962R1323203HXA	A	05/11/2017	3B	VPT		Y SVRHF2815D/H+-E		594
5962R1323203HXC	A	05/11/2017	3B	VPT		Y SVRHF2815D/H+		594
5962R1323203KXA	A	05/11/2017	3B	VPT		Y SVRHF2815D/K+-E		594

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5962R1323203KXC	A	05/11/2017	3B	VPT		Y SVRHF2815D/K+		594
5962R1323203HYA	A	05/11/2017	3B	VPT		Y SVRHF2815DF/H+-E		594
5962R1323203HYC	A	05/11/2017	3B	VPT		Y SVRHF2815DF/H+		594
5962R1323203KYA	A	05/11/2017	3B	VPT		Y SVRHF2815DF/K+-E		594
5962R1323203KYC	A	05/11/2017	3B	VPT		Y SVRHF2815DF/K+		594
5962R1323301HXA	C	05/11/2017	3A	VPT		Y SVRFL283R3S/H+-E		594
5962R1323301HXC	C	05/11/2017	3A	VPT		Y SVRFL283R3S/H+		594
5962R1323301KXA	C	05/11/2017	3A	VPT		Y SVRFL283R3S/K+-E		594
5962R1323301KXC	C	05/11/2017	3A	VPT		Y SVRFL283R3S/K+		594
5962R1323301HYA	C	05/11/2017	3A	VPT		Y SVRFL283R3SF/H+-E		594
5962R1323301HYC	C	05/11/2017	3A	VPT		Y SVRFL283R3SF/H+		594
5962R1323301KYA	C	05/11/2017	3A	VPT		Y SVRFL283R3SF/K-E		594
5962R1323301KYC	C	05/11/2017	3A	VPT		Y SVRFL283R3SF/K		594
5962R1323302HXA	C	05/11/2017	3A	VPT		Y SVRFL2805S/H+-E		594
5962R1323302HXC	C	05/11/2017	3A	VPT		Y SVRFL2805S/H+		594
5962R1323302KXA	C	05/11/2017	3A	VPT		Y SVRFL2805S/K+-E		594
5962R1323302KXC	C	05/11/2017	3A	VPT		Y SVRFL2805S/K+		594
5962R1323302HYA	C	05/11/2017	3A	VPT		Y SVRFL2805SF/H+-E		594
5962R1323302HYC	C	05/11/2017	3A	VPT		Y SVRFL2805SF/H+		594
5962R1323302KYA	C	05/11/2017	3A	VPT		Y SVRFL2805SF/K-E		594
5962R1323302KYC	C	05/11/2017	3A	VPT		Y SVRFL2805SF/K		594
5962R1323303HXA	C	05/11/2017	3A	VPT		Y SVRFL2812S/H+-E		594
5962R1323303HXC	C	05/11/2017	3A	VPT		Y SVRFL2812S/H+		594
5962R1323303KXA	C	05/11/2017	3A	VPT		Y SVRFL2812S/K+-E		594
5962R1323303KXC	C	05/11/2017	3A	VPT		Y SVRFL2812S/K+		594
5962R1323303HYA	C	05/11/2017	3A	VPT		Y SVRFL2812SF/H+-E		594
5962R1323303HYC	C	05/11/2017	3A	VPT		Y SVRFL2812SF/H+		594
5962R1323303KYA	C	05/11/2017	3A	VPT		Y SVRFL2812SF/K-E		594
5962R1323303KYC	C	05/11/2017	3A	VPT		Y SVRFL2812SF/K		594
5962R1323304HXA	C	05/11/2017	3A	VPT		Y SVRFL2815S/H+-E		594
5962R1323304HXC	C	05/11/2017	3A	VPT		Y SVRFL2815S/H+		594
5962R1323304KXA	C	05/11/2017	3A	VPT		Y SVRFL2815S/K+-E		594
5962R1323304KXC	C	05/11/2017	3A	VPT		Y SVRFL2815S/K+		594
5962R1323304HYA	C	05/11/2017	3A	VPT		Y SVRFL2815SF/H+-E		594
5962R1323304HYC	C	05/11/2017	3A	VPT		Y SVRFL2815SF/H+		594
5962R1323304KYA	C	05/11/2017	3A	VPT		Y SVRFL2815SF/K-E		594
5962R1323304KYC	C	05/11/2017	3A	VPT		Y SVRFL2815SF/K		594
5962R1323401HXA	C	02/04/2019	3A	VPT		Y SVRFL2805D/H+-E		594
5962R1323401HXC	C	02/04/2019	3A	VPT		Y SVRFL2805D/H+		594
5962R1323401KXA	C	02/04/2019	3A	VPT		Y SVRFL2805D/K+-E		594
5962R1323401KXC	C	02/04/2019	3A	VPT		Y SVRFL2805D/K+		594
5962R1323402HXA	C	02/04/2019	3A	VPT		Y SVRFL2812D/H+-E		594
5962R1323402HXC	C	02/04/2019	3A	VPT		Y SVRFL2812D/H+		594
5962R1323402KXA	C	02/04/2019	3A	VPT		Y SVRFL2812D/K+-E		594
5962R1323402KXC	C	02/04/2019	3A	VPT		Y SVRFL2812D/K+		594
5962R1323403HXA	C	02/04/2019	3A	VPT		Y SVRFL2815D/H+-E		594
5962R1323403HXC	C	02/04/2019	3A	VPT		Y SVRFL2815D/H+		594
5962R1323403KXA	C	02/04/2019	3A	VPT		Y SVRFL2815D/K+-E		594
5962R1323403KXC	C	02/04/2019	3A	VPT		Y SVRFL2815D/K+		594

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5962H1323501QXC		02/21/2014	2	BAE SYSTEMS		Y 8427352-1215		629
5962H1323501VXC		02/21/2014	2	BAE SYSTEMS		Y 8427352-1211		629
5962H1323502QXC		02/21/2014	2	BAE SYSTEMS		Y 8427352-1214		629
5962H1323503QXC		02/21/2014	2	BAE SYSTEMS		Y 8427352-1315		629
5962H1323503VXC		02/21/2014	2	BAE SYSTEMS		Y 8427352-1311		629
5962H1323504QXC		02/21/2014	2	BAE SYSTEMS		Y 8427352-1314		629
5962R1323601HUA	B	02/01/2017	1B	MICROSEMI (3)		Y MHP8565AHA		780
5962R1323601HUC	B	02/01/2017	1B	MICROSEMI (3)		Y MHP8565AHC		780
5962R1323601KUA	B	02/01/2017	1B	MICROSEMI (3)		Y MHP8565AHA		780
5962R1323601KUC	B	02/01/2017	1B	MICROSEMI (3)		Y MHP8565AKC		780
5962R1323601HXA	B	02/01/2017	1B	MICROSEMI (3)		Y MHP8565AH-1A		780
5962R1323601HXC	B	02/01/2017	1B	MICROSEMI (3)		Y MHP8565AH-1C		780
5962R1323601KXA	B	02/01/2017	1B	MICROSEMI (3)		Y MHP8565AK-1A		780
5962R1323601KXC	B	02/01/2017	1B	MICROSEMI (3)		Y MHP8565AK-1C		780
5962R1323601HYA	B	02/01/2017	1B	MICROSEMI (3)		Y MHP8565AH-2A		780
5962R1323601HYC	B	02/01/2017	1B	MICROSEMI (3)		Y MHP8565AH-2C		780
5962R1323601KYA	B	02/01/2017	1B	MICROSEMI (3)		Y MHP8565AK-2A		780
5962R1323601KYC	B	02/01/2017	1B	MICROSEMI (3)		Y MHP8565AK-2C		780
5962R1323601HZA	B	02/01/2017	1B	MICROSEMI (3)		Y MHP8565AH-3A		780
5962R1323601HZC	B	02/01/2017	1B	MICROSEMI (3)		Y MHP8565AH-3C		780
5962R1323601KZA	B	02/01/2017	1B	MICROSEMI (3)		Y MHP8565AK-3A		780
5962R1323601KZC	B	02/01/2017	1B	MICROSEMI (1)		Y MHP8565AK-3C		780
5962R1323701QXC	C	12/14/2017	2	COBHAM		Y UT699E-ZEC		439
5962R1323701VXC	C	12/14/2017	2	COBHAM		Y UT699E-ZEC		439
5962R1323701QYF	C	12/14/2017	2	COBHAM		Y UT699E-SEA		439
5962R1323701VYF	C	12/14/2017	2	COBHAM		Y UT699E-SEA		439
5962R1323702QXC	C	12/14/2017		(NONE)		UT699E (GEN)		439
5962R1323702QYF	C	12/14/2017		(NONE)		UT699E (GEN)		439
5962R1323801QXC	C	12/14/2017	2	COBHAM		Y UT700-ZEC		439
5962R1323801VXC	C	12/14/2017	2	COBHAM		Y UT700-ZEC		439
5962R1323801QYF	C	12/14/2017	2	COBHAM		Y UT700-SEA		439
5962R1323801VYF	C	12/14/2017	2	COBHAM		Y UT700-SEA		439
5962R1323802QXC	C	12/14/2017		(NONE)		UT700 (GEN)		439
5962R1323802QYF	C	12/14/2017		(NONE)		UT700 (GEN)		439
5962-1324001HXA		08/29/2013	3B	VPT		Y DVCL28/H-E		899
5962-1324001HXC		08/29/2013	3B	VPT		Y DVCL28/H		899
5962-1324001KXA		08/29/2013	3B	VPT		Y DVCL28/K-E		899
5962-1324001KXC		08/29/2013	3B	VPT		Y DVCL28/K		899
5962-1324301HXA		03/05/2014	1C	VPT		Y DVPL0503S/H-E		594
5962-1324301HXC		03/05/2014	1C	VPT		Y DVPL0503S/H		594
5962-1324301KXA		03/05/2014	1C	VPT		Y DVPL0503S/K-E		594
5962-1324301KXC		03/05/2014	1C	VPT		Y DVPL0503S/K		594
5962-1324401HXA		08/11/2014	3A	VPT		Y DVPL0520S/H-E		594
5962-1324401HXC		08/11/2014	3A	VPT		Y DVPL0520S/H		594
5962-1324401KXA		08/11/2014	3A	VPT		Y DVPL0520S/K-E		594
5962-1324401KXC		08/11/2014	3A	VPT		Y DVPL0520S/K		594
5962R1324501VXA	B	01/26/2017	2	ANALOG (4)		Y ADA4084-2AF/QMLR		739
5962L1324502VXA	B	01/26/2017	2	ANALOG (4)		Y ADA4084-2AF/QMLL		739
5962F1324801V9A	A	02/04/2019	2	RENESAS		Y ISL70244SEHVX		739



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5962F1324801VXC	A	02/04/2019	2	RENESAS		Y ISL70244SEHVF		739
5962L1324802V9A	A	02/04/2019	2	RENESAS		Y ISL73244SEHVX		739
5962L1324802VXC	A	02/04/2019	2	RENESAS		Y ISL73244SEHVF		739
5962-1324901KXA		04/23/2015	0	INTER. RECT.1		Y RDHA710SE10A2FK		181
5962R1325001V9A	A	04/04/2016	2	LINEAR TECH.		Y RH1498DICE		739
5962R1325001VHA	A	04/04/2016	2	LINEAR TECH.		Y RH1498MW		739
5962R1325101VDA	A	04/04/2016	1C	LINEAR TECH.		Y RH1499MW		739
5962R1420101KYA	A	11/14/2017	2	AEROFLEX		Y VRG8669-901-2S		780
5962R1420101KYC	A	11/14/2017	2	AEROFLEX		Y VRG8669-901-1S		780
5962R1420201KUA		11/02/2015	2	AEROFLEX		Y VRG8697-901-2S		780
5962R1420201KUC		11/02/2015	2	AEROFLEX		Y VRG8697-901-1S		780
5962R1420201KZA		11/02/2015	2	AEROFLEX		Y VRG8698-901-2S		780
5962R1420201KZC		11/02/2015	2	AEROFLEX		Y VRG8698-901-1S		780
5962R1420301V9A	B	04/01/2016		(NONE)	08/15/2017	ISL70003SEH (GEN)		899
5962R1420301VXC	B	04/01/2016		(NONE)	08/15/2017	ISL70003SEH (GEN)		899
5962R1420301VYC	B	04/01/2016		(NONE)	08/15/2017	ISL70003SEH (GEN)		899
5962R1420302V9A	B	04/01/2016	2	RENESAS		Y ISL70003ASEHVX		899
5962R1420302VYC	B	04/01/2016	2	RENESAS		Y ISL70003ASEHVFE		899
5962L1420401VXA		08/12/2014	1B	ANALOG (4)		Y ADF4108AF/QMLL		801
5962L1420402VXA		08/12/2014	1B	ANALOG (4)		Y ADF4108BF/QMLL		801
5962R1420501VXA	A	04/11/2017	2	ANALOG (4)		Y AD8229AF/QMLR		754
5962L1420502VXA	A	04/11/2017	2	ANALOG (4)		Y AD8229AF/QMLL		754
5962R1420601VXA	A	05/27/2016	2	ANALOG (4)		Y ADA4096-2AF/QMLR		739
5962L1420602VXA	A	05/27/2016	2	ANALOG (4)		Y ADA4096-2AF/QMLL		739
5962R1420701VXA	A	07/06/2016	3A	ANALOG (4)		Y ADA4610-2BF/QMLR		739
5962L1420702VXA	A	07/06/2016	3A	ANALOG (4)		Y ADA4610-2BF/QMLL		739
5962R1420801V9A		07/30/2014	2	RENESAS		Y ISL71091SEHVX20		785
5962R1420801VXC		07/30/2014	2	RENESAS		Y ISL71091SEHVF20		785
5962R1420802V9A		07/30/2014	2	RENESAS		Y ISL71091SEHVX33		785
5962R1420802VXC		07/30/2014	2	RENESAS		Y ISL71091SEHVF33		785
5962R1420803V9A		07/30/2014	2	RENESAS		Y ISL71091SEHVX40		785
5962R1420803VXC		07/30/2014	2	RENESAS		Y ISL71091SEHVF40		785
5962R1420804V9A		07/30/2014	2	RENESAS		Y ISL71091SEHVX10		785
5962R1420804VXC		07/30/2014	2	RENESAS		Y ISL71091SEHVF10		785
5962L1420901VXC		07/02/2018	3A	TI		Y SN55HVD233-RHA		590
5962-1421001HXA	E	05/16/2017		(NONE)		MFK281R8S (GEN)		594
5962-1421001HZA	E	05/16/2017		(NONE)		MFK281R8S (GEN)		594
5962-1421002HXA	E	05/16/2017		(NONE)		MFK282R5S (GEN)		594
5962-1421002HZA	E	05/16/2017		(NONE)		MFK282R5S (GEN)		594
5962-1421003HXA	E	05/16/2017		(NONE)		MFK283R3S (GEN)		594
5962-1421003HZA	E	05/16/2017		(NONE)		MFK283R3S (GEN)		594
5962-1421004HXA	E	05/16/2017		(NONE)		MFK2805S (GEN)		594
5962-1421004HZA	E	05/16/2017		(NONE)		MFK2805S (GEN)		594
5962-1421005HXA	E	05/16/2017		(NONE)		MFK285R7S (GEN)		594
5962-1421005HZA	E	05/16/2017		(NONE)		MFK285R7S (GEN)		594
5962-1421006HXA	E	05/16/2017		(NONE)		MFK2812S (GEN)		594
5962-1421006HZA	E	05/16/2017		(NONE)		MFK2812S (GEN)		594
5962-1421007HXA	E	05/16/2017		(NONE)		MFK2815S (GEN)		594
5962-1421007HZA	E	05/16/2017		(NONE)		MFK2815S (GEN)		594

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5962-1421008HTA	E	05/16/2017		(NONE)			MFK2828S (GEN)	594
5962-1421008HUA	E	05/16/2017		(NONE)			MFK2828S (GEN)	594
5962-1421009HXA	E	05/16/2017		(NONE)			MFK285R2S (GEN)	594
5962-1421009HZA	E	05/16/2017		(NONE)			MFK285R2S (GEN)	594
5962-1421010HXA	E	05/16/2017	2	CRANE		Y	MFK281R8S/883	594
5962-1421010HXC	E	05/16/2017	2	CRANE		Y	MFK281R8S/883	594
5962-1421010HZA	E	05/16/2017	2	CRANE		Y	MFK281R8SF/883	594
5962-1421010HXC	E	05/16/2017	2	CRANE		Y	MFK281R8SF/883	594
5962-1421011HXA	E	05/16/2017	2	CRANE		Y	MFK282R5S/883	594
5962-1421011HXC	E	05/16/2017	2	CRANE		Y	MFK282R5S/883	594
5962-1421011HZA	E	05/16/2017	2	CRANE		Y	MFK282R5SF/883	594
5962-1421011HXC	E	05/16/2017	2	CRANE		Y	MFK282R5SF/883	594
5962-1421012HXA	E	05/16/2017	2	CRANE		Y	MFK283R3S/883	594
5962-1421012HXC	E	05/16/2017	2	CRANE		Y	MFK283R3S/883	594
5962-1421012HZA	E	05/16/2017	2	CRANE		Y	MFK283R3SF/883	594
5962-1421012HXC	E	05/16/2017	2	CRANE		Y	MFK283R3SF/883	594
5962-1421013HXA	E	05/16/2017	2	CRANE		Y	MFK2805S/883	594
5962-1421013HXC	E	05/16/2017	2	CRANE		Y	MFK2805S/883	594
5962-1421013HZA	E	05/16/2017	2	CRANE		Y	MFK2805SF/883	594
5962-1421013HXC	E	05/16/2017	2	CRANE		Y	MFK2805SF/883	594
5962-1421014HXA	E	05/16/2017	2	CRANE		Y	MFK285R7S/883	594
5962-1421014HXC	E	05/16/2017	2	CRANE		Y	MFK285R7S/883	594
5962-1421014HZA	E	05/16/2017	2	CRANE		Y	MFK285R7SF/883	594
5962-1421014HXC	E	05/16/2017	2	CRANE		Y	MFK285R7SF/883	594
5962-1421015HXA	E	05/16/2017	2	CRANE		Y	MFK2812S/883	594
5962-1421015HXC	E	05/16/2017	2	CRANE		Y	MFK2812S/883	594
5962-1421015HZA	E	05/16/2017	2	CRANE		Y	MFK2812SF/883	594
5962-1421015HXC	E	05/16/2017	2	CRANE		Y	MFK2812SF/883	594
5962-1421016HXA	E	05/16/2017	2	CRANE		Y	MFK2815S/883	594
5962-1421016HXC	E	05/16/2017	2	CRANE		Y	MFK2815S/883	594
5962-1421016HZA	E	05/16/2017	2	CRANE		Y	MFK2815SF/883	594
5962-1421016HXC	E	05/16/2017	2	CRANE		Y	MFK2815SF/883	594
5962-1421017HTA	E	05/16/2017	2	CRANE		Y	MFK2828S/883	594
5962-1421017HTC	E	05/16/2017	2	CRANE		Y	MFK2828S/883	594
5962-1421017HUA	E	05/16/2017	2	CRANE		Y	MFK2828SF/883	594
5962-1421017HUC	E	05/16/2017	2	CRANE		Y	MFK2828SF/883	594
5962-1421018HXA	E	05/16/2017	2	CRANE		Y	MFK285R2S/883	594
5962-1421018HXC	E	05/16/2017	2	CRANE		Y	MFK285R2S/883	594
5962-1421018HZA	E	05/16/2017	2	CRANE		Y	MFK285R2SF/883	594
5962-1421018HXC	E	05/16/2017	2	CRANE		Y	MFK285R2SF/883	594
5962-1421101HXA	B	05/16/2017		(NONE)			MFK2805D (GEN)	594
5962-1421101HZA	B	05/16/2017		(NONE)			MFK2805D (GEN)	594
5962-1421102HXA	B	05/16/2017		(NONE)			MFK2807D (GEN)	594
5962-1421102HZA	B	05/16/2017		(NONE)			MFK2807D (GEN)	594
5962-1421103HXA	B	05/16/2017		(NONE)			MFK2812D (GEN)	594
5962-1421103HZA	B	05/16/2017		(NONE)			MFK2812D (GEN)	594
5962-1421104HXA	B	05/16/2017		(NONE)			MFK2815D (GEN)	594
5962-1421104HZA	B	05/16/2017		(NONE)			MFK2815D (GEN)	594
5962-1421105HXA	B	05/16/2017	2	CRANE		Y	MFK2805D/883	594

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5962-1421105HXC	B	05/16/2017	2	CRANE		Y MFK2805D/883		594
5962-1421105HZA	B	05/16/2017	2	CRANE		Y MFK2805DF/883		594
5962-1421105HZA	B	05/16/2017	2	CRANE		Y MFK2805DF/883		594
5962-1421106HXA	B	05/16/2017	2	CRANE		Y MFK2807D/883		594
5962-1421106HXC	B	05/16/2017	2	CRANE		Y MFK2807D/883		594
5962-1421106HZA	B	05/16/2017	2	CRANE		Y MFK2807DF/883		594
5962-1421106HZA	B	05/16/2017	2	CRANE		Y MFK2807DF/883		594
5962-1421107HXA	B	05/16/2017	2	CRANE		Y MFK2812D/883		594
5962-1421107HXC	B	05/16/2017	2	CRANE		Y MFK2812D/883		594
5962-1421107HZA	B	05/16/2017	2	CRANE		Y MFK2812DF/883		594
5962-1421107HZA	B	05/16/2017	2	CRANE		Y MFK2812DF/883		594
5962-1421107HZA	B	05/16/2017	2	CRANE		Y MFK2812DF/883		594
5962-1421108HXA	B	05/16/2017	2	CRANE		Y MFK2815D/883		594
5962-1421108HXC	B	05/16/2017	2	CRANE		Y MFK2815D/883		594
5962-1421108HZA	B	05/16/2017	2	CRANE		Y MFK2815DF/883		594
5962-1421108HZA	B	05/16/2017	2	CRANE		Y MFK2815DF/883		594
5962-1421108HZA	B	05/16/2017	2	CRANE		Y MFK2815DF/883		594
5962L1421601HXA		01/28/2016	2	CRANE		Y SMSA285R2S/HL		594
5962L1421601HXC		01/28/2016	2	CRANE		Y SMSA285R2S/HL		594
5962L1421601KXA		01/28/2016	2	CRANE		Y SMSA285R2S/KL		594
5962L1421601KXC		01/28/2016	2	CRANE		Y SMSA285R2S/KL		594
5962P1421601HXA		01/28/2016	2	CRANE		Y SMSA285R2S/HP		594
5962P1421601HXC		01/28/2016	2	CRANE		Y SMSA285R2S/HP		594
5962P1421601KXA		01/28/2016	2	CRANE		Y SMSA285R2S/KP		594
5962P1421601KXC		01/28/2016	2	CRANE		Y SMSA285R2S/KP		594
5962R1421601HXA		01/28/2016	2	CRANE		Y SMSA285R2S/HR		594
5962R1421601HXC		01/28/2016	2	CRANE		Y SMSA285R2S/HR		594
5962R1421601KXA		01/28/2016	2	CRANE		Y SMSA285R2S/KR		594
5962R1421601KXC		01/28/2016	2	CRANE		Y SMSA285R2S/KR		594
5962-1422101KXA		11/03/2015	2	AEROFLEX		Y RHD5961-201-2S		785
5962-1422101KXC		11/03/2015	2	AEROFLEX		Y RHD5961-201-1S		785
5962H1422101KXA		11/03/2015	2	AEROFLEX		Y RHD5961-901-2S		785
5962H1422101KXC		11/03/2015	2	AEROFLEX		Y RHD5961-901-1S		785
5962-1422102KXA		11/03/2015	2	AEROFLEX		Y RHD5962-201-2S		899
5962-1422102KXC		11/03/2015	2	AEROFLEX		Y RHD5962-201-1S		899
5962H1422102KXA		11/03/2015	2	AEROFLEX		Y RHD5962-901-2S		899
5962H1422102KXC		11/03/2015	2	AEROFLEX		Y RHD5962-901-1S		899
5962-1422103KYA		11/03/2015	2	AEROFLEX		Y RHD5963-201-2S		785
5962-1422103KYC		11/03/2015	2	AEROFLEX		Y RHD5963-201-1S		785
5962H1422103KYA		11/03/2015	2	AEROFLEX		Y RHD5963-901-2S		785
5962H1422103KYC		11/03/2015	2	AEROFLEX		Y RHD5963-901-1S		785
5962F1422201V9A	B	11/27/2018	3A	STMICRO		Y RHF1009AD2V		785
5962F1422201VXA	B	11/27/2018	3A	STMICRO		Y RHF1009AK02V		785
5962F1422201VXC	B	11/27/2018	3A	STMICRO		Y RHF1009AK01V		785
5962F1422301HXC	A	06/23/2015	1C	ANAREN		Y MSK 5055-1HRHS		789
5962F1422301KXC	A	06/23/2015	1C	ANAREN		Y MSK 5055-1KRHS		789
5962F1422301HYC	A	06/23/2015	1C	ANAREN		Y MSK 5055-1HRHG		789
5962F1422301KYC	A	06/23/2015	1C	ANAREN		Y MSK 5055-1KRHG		789
5962F1422302HXC	A	06/23/2015	1C	ANAREN		Y MSK 5055-2HRHS		789
5962F1422302KXC	A	06/23/2015	1C	ANAREN		Y MSK 5055-2KRHS		789
5962F1422302HYC	A	06/23/2015	1C	ANAREN		Y MSK 5055-2HRHG		789

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5962F1422302KYC	A	06/23/2015	1C	ANAREN		Y MSK 5055-2KRHG		789
5962F1422501V9A		09/10/2014	3A	STMICRO		Y RHF100K02V		899
5962F1422501VXA		09/10/2014	3A	STMICRO		Y RHF100K02V		899
5962F1422501VXC		09/10/2014	3A	STMICRO		Y RHF100K01V		899
5962F1422601V9A	A	01/26/2015	2	RENESAS		Y ISL70419SEHVX		739
5962F1422601VXC	A	01/26/2015	2	RENESAS		Y ISL70419SEHVF		739
5962F1422602V9A	A	01/26/2015	2	RENESAS		Y ISL70219ASEHVX		739
5962F1422602VYC	A	01/26/2015	2	RENESAS		Y ISL70219ASEHVF		739
5962R1422701VXC	A	03/26/2018	1C	ANALOG (4)		Y AD9246AF/QMLR		592
5962-1422801VXC	A	06/21/2016	3A	TI		Y TPS7H3301-SP		789
5962R1422801VXC	A	06/21/2016	3A	TI		Y TPS7H3301-RHA		789
5962-1422901QXC		02/09/2015	2	ATMEL NANTES	02/01/2019	Y ATF697FF-ZA-MQ		409
5962-1422901VXC		02/09/2015	2	ATMEL NANTES	02/01/2019	Y ATF697FF-ZA-SV		409
5962H1423001QXC	A	02/08/2019	2	HONEYWELL (1)		Y HXNV06400BWH		629
5962H1423001VXC	A	02/08/2019	2	HONEYWELL (1)		Y HXNV06400BVH		629
5962L1423101VXC	B	04/18/2018	3A	TI		Y ADS1282-RHA		592
5962L1423102VXC	B	04/18/2018	3A	TI		Y ADS1282-RHA		592
5962-1423201HXA		08/11/2014	3A	VPT		Y DVAB2805D/H-E		594
5962-1423201HXC		08/11/2014	3A	VPT		Y DVAB2805D/H		594
5962-1423201KXA		08/11/2014	3A	VPT		Y DVAB2805D/K-E		594
5962-1423201KXC		08/11/2014	3A	VPT		Y DVAB2805D/K		594
5962-1423201HYA		08/11/2014	3A	VPT		Y DVAB2805DF/H-E		594
5962-1423201HYC		08/11/2014	3A	VPT		Y DVAB2805DF/H		594
5962-1423201KYA		08/11/2014	3A	VPT		Y DVAB2805DF/K-E		594
5962-1423201KYC		08/11/2014	3A	VPT		Y DVAB2805DF/K		594
5962-1423202HXA		08/11/2014	3A	VPT		Y DVAB2812D/H-E		594
5962-1423202HXC		08/11/2014	3A	VPT		Y DVAB2812D/H		594
5962-1423202KXA		08/11/2014	3A	VPT		Y DVAB2812D/K-E		594
5962-1423202KXC		08/11/2014	3A	VPT		Y DVAB2812D/K		594
5962-1423202HYA		08/11/2014	3A	VPT		Y DVAB2812DF/H-E		594
5962-1423202HYC		08/11/2014	3A	VPT		Y DVAB2812DF/H		594
5962-1423202KYA		08/11/2014	3A	VPT		Y DVAB2812DF/K-E		594
5962-1423202KYC		08/11/2014	3A	VPT		Y DVAB2812DF/K		594
5962-1423203HXA		08/11/2014	3A	VPT		Y DVAB2815D/H-E		594
5962-1423203HXC		08/11/2014	3A	VPT		Y DVAB2815D/H		594
5962-1423203KXA		08/11/2014	3A	VPT		Y DVAB2815D/K-E		594
5962-1423203KXC		08/11/2014	3A	VPT		Y DVAB2815D/K		594
5962-1423203HYA		08/11/2014	3A	VPT		Y DVAB2815DF/H-E		594
5962-1423203HYC		08/11/2014	3A	VPT		Y DVAB2815DF/H		594
5962-1423203KYA		08/11/2014	3A	VPT		Y DVAB2815DF/K-E		594
5962-1423203KYC		08/11/2014	3A	VPT		Y DVAB2815DF/K		594
5962R1423301VXA	A	07/11/2016	3A	ANALOG (4)		Y ADA4077-2AF/QMLR		710
5962L1423302VXA	A	07/11/2016	3A	ANALOG (4)		Y ADA4077-2AF/QMLL		710
5962F1423401V9A		01/29/2015	2	STMICRO		Y RHFLVDS2281D2V		599
5962F1423401VXC		01/29/2015	2	STMICRO		Y RHFLVDS2281K01V		599
5962R14B0101QTC	A	07/29/2015	1B	COBHAM		Y UT90nHBD01_QTC		365
5962R14B0101VTC	A	07/29/2015	1B	COBHAM		Y UT90nHBD01_VTC		365
5962R14B0101QUC	A	07/29/2015	1B	COBHAM		Y UT90nHBD01_QUC		365
5962R14B0101VUC	A	07/29/2015	1B	COBHAM		Y UT90nHBD01_VUC		365

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5962R14B0101QXC	A	07/29/2015	1B	COBHAM		Y UT90nHBD01_QXC		365
5962R14B0101VXC	A	07/29/2015	1B	COBHAM		Y UT90nHBD01_VXC		365
5962R14B0101QYC	A	07/29/2015	1B	COBHAM		Y UT90nHBD01_QYC		365
5962R14B0101VYC	A	07/29/2015	1B	COBHAM		Y UT90nHBD01_VYC		365
5962R14B0101QZC	A	07/29/2015	1B	COBHAM		Y UT90nHBD01_QZC		365
5962R14B0101VZC	A	07/29/2015	1B	COBHAM		Y UT90nHBD01_VZC		365
5962R14B0102QTC	A	07/29/2015	1B	COBHAM		Y UT90nHBD05_QTC		365
5962R14B0102VTC	A	07/29/2015	1B	COBHAM		Y UT90nHBD05_VTC		365
5962R14B0102QUC	A	07/29/2015	1B	COBHAM		Y UT90nHBD05_QUC		365
5962R14B0102VUC	A	07/29/2015	1B	COBHAM		Y UT90nHBD05_VUC		365
5962R14B0102QXC	A	07/29/2015	1B	COBHAM		Y UT90nHBD05_QXC		365
5962R14B0102VXC	A	07/29/2015	1B	COBHAM		Y UT90nHBD05_VXC		365
5962R14B0102QYC	A	07/29/2015	1B	COBHAM		Y UT90nHBD05_QYC		365
5962R14B0102VYC	A	07/29/2015	1B	COBHAM		Y UT90nHBD05_VYC		365
5962R14B0102QZC	A	07/29/2015	1B	COBHAM		Y UT90nHBD05_QZC		365
5962R14B0102VZC	A	07/29/2015	1B	COBHAM		Y UT90nHBD05_VZC		365
5962R14B0103QTC	A	07/29/2015	1B	COBHAM		Y UT90nHBD10_QTC		365
5962R14B0103VTC	A	07/29/2015	1B	COBHAM		Y UT90nHBD10_VTC		365
5962R14B0103QUC	A	07/29/2015	1B	COBHAM		Y UT90nHBD10_QUC		365
5962R14B0103VUC	A	07/29/2015	1B	COBHAM		Y UT90nHBD10_VUC		365
5962R14B0103QXC	A	07/29/2015	1B	COBHAM		Y UT90nHBD10_QXC		365
5962R14B0103VXC	A	07/29/2015	1B	COBHAM		Y UT90nHBD10_VXC		365
5962R14B0103QYC	A	07/29/2015	1B	COBHAM		Y UT90nHBD10_QYC		365
5962R14B0103VYC	A	07/29/2015	1B	COBHAM		Y UT90nHBD10_VYC		365
5962R14B0103QZC	A	07/29/2015	1B	COBHAM		Y UT90nHBD10_QZC		365
5962R14B0103VZC	A	07/29/2015	1B	COBHAM		Y UT90nHBD10_VZC		365
5962R14B0104QTC	A	07/29/2015	1B	COBHAM		Y UT90nHBD20_QTC		365
5962R14B0104VTC	A	07/29/2015	1B	COBHAM		Y UT90nHBD20_VTC		365
5962R14B0104QUC	A	07/29/2015	1B	COBHAM		Y UT90nHBD20_QUC		365
5962R14B0104VUC	A	07/29/2015	1B	COBHAM		Y UT90nHBD20_VUC		365
5962R14B0104QXC	A	07/29/2015	1B	COBHAM		Y UT90nHBD20_QXC		365
5962R14B0104VXC	A	07/29/2015	1B	COBHAM		Y UT90nHBD20_VXC		365
5962R14B0104QYC	A	07/29/2015	1B	COBHAM		Y UT90nHBD20_QYC		365
5962R14B0104VYC	A	07/29/2015	1B	COBHAM		Y UT90nHBD20_VYC		365
5962R14B0104QZC	A	07/29/2015	1B	COBHAM		Y UT90nHBD20_QZC		365
5962R14B0104VZC	A	07/29/2015	1B	COBHAM		Y UT90nHBD20_VZC		365
5962R14B0105QTC	A	07/29/2015	1B	COBHAM		Y UT90nHBD30_QTC		365
5962R14B0105VTC	A	07/29/2015	1B	COBHAM		Y UT90nHBD30_VTC		365
5962R14B0105QUC	A	07/29/2015	1B	COBHAM		Y UT90nHBD30_QUC		365
5962R14B0105VUC	A	07/29/2015	1B	COBHAM		Y UT90nHBD30_VUC		365
5962R14B0105QXC	A	07/29/2015	1B	COBHAM		Y UT90nHBD30_QXC		365
5962R14B0105VXC	A	07/29/2015	1B	COBHAM		Y UT90nHBD30_VXC		365
5962R14B0105QYC	A	07/29/2015	1B	COBHAM		Y UT90nHBD30_QYC		365
5962R14B0105VYC	A	07/29/2015	1B	COBHAM		Y UT90nHBD30_VYC		365
5962R14B0105QZC	A	07/29/2015	1B	COBHAM		Y UT90nHBD30_QZC		365
5962R14B0105VZC	A	07/29/2015	1B	COBHAM		Y UT90nHBD30_VZC		365
5962R14B0106QTC	A	07/29/2015	1B	COBHAM		Y UT90nHBD45_QTC		365
5962R14B0106VTC	A	07/29/2015	1B	COBHAM		Y UT90nHBD45_VTC		365
5962R14B0106QUC	A	07/29/2015	1B	COBHAM		Y UT90nHBD45_QUC		365



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5962R14B0106VUC	A	07/29/2015	1B	COBHAM		Y UT90nHBD45_VUC		365
5962R14B0106QXC	A	07/29/2015	1B	COBHAM		Y UT90nHBD45_QXC		365
5962R14B0106VXC	A	07/29/2015	1B	COBHAM		Y UT90nHBD45_VXC		365
5962R14B0106QYC	A	07/29/2015	1B	COBHAM		Y UT90nHBD45_QYC		365
5962R14B0106VYC	A	07/29/2015	1B	COBHAM		Y UT90nHBD45_VYC		365
5962R14B0106QZC	A	07/29/2015	1B	COBHAM		Y UT90nHBD45_QZC		365
5962R14B0106VZC	A	07/29/2015	1B	COBHAM		Y UT90nHBD45_VZC		365
5962-1520101KXA		01/22/2015	1C	INTER. RECT.2		Y DH5001R803R3P/CKA		594
5962-1520101KXC		01/22/2015	1C	INTER. RECT.2		Y DH5001R803R3P/CKC		594
5962-1520201QKC	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-LG896B		381
5962-1520201QLF	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-CG896B		381
5962-1520201QUF	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-CG484B		381
5962-1520201QXC	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-CQ256B		381
5962-1520201QZC	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-LG484B		381
5962-1520202QKC	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-1LG896B		381
5962-1520202QLF	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-1CG896B		381
5962-1520202QUF	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-1CG484B		381
5962-1520202QXC	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-1CQ256B		381
5962-1520202QZC	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-1LG484B		381
5962-1520203QKC	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-LG896E		381
5962-1520203QLF	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-CG896E		381
5962-1520203QUF	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-CG484E		381
5962-1520203QXC	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-CQ256E		381
5962-1520203QZC	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-LG484E		381
5962-1520204QKC	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-1LG896E		381
5962-1520204QLF	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-1CG896E		381
5962-1520204QUF	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-1CG484E		381
5962-1520204QXC	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-1CQ256E		381
5962-1520204QZC	A	02/25/2015	1B	MICROSEMI (2)		Y RT3PE3000L-1LG484E		381
5962-1520301QUF	A	03/27/2015	1B	MICROSEMI (2)		Y RT3PE600L-CG484B		381
5962-1520301QXC	A	03/27/2015	1B	MICROSEMI (2)		Y RT3PE600L-CQ256B		381
5962-1520301QZC	A	03/27/2015	1B	MICROSEMI (2)		Y RT3PE600L-LG484B		381
5962-1520302QUF	A	03/27/2015	1B	MICROSEMI (2)		Y RT3PE600L-1CG484B		381
5962-1520302QXC	A	03/27/2015	1B	MICROSEMI (2)		Y RT3PE600L-1CQ256B		381
5962-1520302QZC	A	03/27/2015	1B	MICROSEMI (2)		Y RT3PE600L-1LG484B		381
5962-1520303QUF	A	03/27/2015	1B	MICROSEMI (2)		Y RT3PE600L-CG484E		381
5962-1520303QXC	A	03/27/2015	1B	MICROSEMI (2)		Y RT3PE600L-CQ256E		381
5962-1520303QZC	A	03/27/2015	1B	MICROSEMI (2)		Y RT3PE600L-LG484E		381
5962-1520304QUF	A	03/27/2015	1B	MICROSEMI (2)		Y RT3PE600L-1CG484E		381
5962-1520304QXC	A	03/27/2015	1B	MICROSEMI (2)		Y RT3PE600L-1CQ256E		381
5962-1520304QZC	A	03/27/2015	1B	MICROSEMI (2)		Y RT3PE600L-1LG484E		381
5962-1520801HXA		02/24/2015	3B	VPT		Y DVETR283R3S/H-E		594
5962-1520801HXC		02/24/2015	3B	VPT		Y DVETR283R3S/H		594
5962-1520801KXA		02/24/2015	3B	VPT		Y DVETR283R3S/K-E		594
5962-1520801KXC		02/24/2015	3B	VPT		Y DVETR283R3S/K		594
5962-1520801HYA		02/24/2015	3B	VPT		Y DVETR283R3SF/H-E		594
5962-1520801HYC		02/24/2015	3B	VPT		Y DVETR283R3SF/H		594
5962-1520801KYA		02/24/2015	3B	VPT		Y DVETR283R3SF/K-E		594
5962-1520801KYC		02/24/2015	3B	VPT		Y DVETR283R3SF/K		594

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5962-1520802HXA		02/24/2015	3B	VPT		Y	DVETR2805S/H-E	594
5962-1520802HXC		02/24/2015	3B	VPT		Y	DVETR2805S/H	594
5962-1520802KXA		02/24/2015	3B	VPT		Y	DVETR2805S/K-E	594
5962-1520802KXC		02/24/2015	3B	VPT		Y	DVETR2805S/K	594
5962-1520802HYA		02/24/2015	3B	VPT		Y	DVETR2805SF/H-E	594
5962-1520802HYC		02/24/2015	3B	VPT		Y	DVETR2805SF/H	594
5962-1520802KYA		02/24/2015	3B	VPT		Y	DVETR2805SF/K-E	594
5962-1520802KYC		02/24/2015	3B	VPT		Y	DVETR2805SF/K	594
5962-1520803HXA		02/24/2015	3B	VPT		Y	DVETR285R2S/H-E	594
5962-1520803HXC		02/24/2015	3B	VPT		Y	DVETR285R2S/H	594
5962-1520803KXA		02/24/2015	3B	VPT		Y	DVETR285R2S/K-E	594
5962-1520803KXC		02/24/2015	3B	VPT		Y	DVETR285R2S/K	594
5962-1520803HYA		02/24/2015	3B	VPT		Y	DVETR285R2SF/H-E	594
5962-1520803HYC		02/24/2015	3B	VPT		Y	DVETR285R2SF/H	594
5962-1520803KYA		02/24/2015	3B	VPT		Y	DVETR285R2SF/K-E	594
5962-1520803KYC		02/24/2015	3B	VPT		Y	DVETR285R2SF/K	594
5962-1520804HXA		02/24/2015	3B	VPT		Y	DVETR285R7S/H-E	594
5962-1520804HXC		02/24/2015	3B	VPT		Y	DVETR285R7S/H	594
5962-1520804KXA		02/24/2015	3B	VPT		Y	DVETR285R7S/K-E	594
5962-1520804KXC		02/24/2015	3B	VPT		Y	DVETR285R7S/K	594
5962-1520804HYA		02/24/2015	3B	VPT		Y	DVETR285R7SF/H-E	594
5962-1520804HYC		02/24/2015	3B	VPT		Y	DVETR285R7SF/H	594
5962-1520804KYA		02/24/2015	3B	VPT		Y	DVETR285R7SF/K-E	594
5962-1520804KYC		02/24/2015	3B	VPT		Y	DVETR285R7SF/K	594
5962-1520805HXA		02/24/2015	3B	VPT		Y	DVETR2812S/H-E	594
5962-1520805HXC		02/24/2015	3B	VPT		Y	DVETR2812S/H	594
5962-1520805KXA		02/24/2015	3B	VPT		Y	DVETR2812S/K-E	594
5962-1520805KXC		02/24/2015	3B	VPT		Y	DVETR2812S/K	594
5962-1520805HYA		02/24/2015	3B	VPT		Y	DVETR2812SF/H-E	594
5962-1520805HYC		02/24/2015	3B	VPT		Y	DVETR2812SF/H	594
5962-1520805KYA		02/24/2015	3B	VPT		Y	DVETR2812SF/K-E	594
5962-1520805KYC		02/24/2015	3B	VPT		Y	DVETR2812SF/K	594
5962-1520806HXA		02/24/2015	3B	VPT		Y	DVETR2815S/H-E	594
5962-1520806HXC		02/24/2015	3B	VPT		Y	DVETR2815S/H	594
5962-1520806KXA		02/24/2015	3B	VPT		Y	DVETR2815S/K-E	594
5962-1520806KXC		02/24/2015	3B	VPT		Y	DVETR2815S/K	594
5962-1520806HYA		02/24/2015	3B	VPT		Y	DVETR2815SF/H-E	594
5962-1520806HYC		02/24/2015	3B	VPT		Y	DVETR2815SF/H	594
5962-1520806KYA		02/24/2015	3B	VPT		Y	DVETR2815SF/K-E	594
5962-1520806KYC		02/24/2015	3B	VPT		Y	DVETR2815SF/K	594
5962-1520901HXA		02/24/2015	3B	VPT		Y	DVETR2805D/H-E	594
5962-1520901HXC		02/24/2015	3B	VPT		Y	DVETR2805D/H	594
5962-1520901KXA		02/24/2015	3B	VPT		Y	DVETR2805D/K-E	594
5962-1520901KXC		02/24/2015	3B	VPT		Y	DVETR2805D/K	594
5962-1520901HYA		02/24/2015	3B	VPT		Y	DVETR2805DF/H-E	594
5962-1520901HYC		02/24/2015	3B	VPT		Y	DVETR2805DF/H	594
5962-1520901KYA		02/24/2015	3B	VPT		Y	DVETR2805DF/K-E	594
5962-1520901KYC		02/24/2015	3B	VPT		Y	DVETR2805DF/K	594
5962-1520902HXA		02/24/2015	3B	VPT		Y	DVETR2812D/H-E	594

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-1520902HXC		02/24/2015	3B	VPT		Y	DVETR2812D/H	594
5962-1520902KXA		02/24/2015	3B	VPT		Y	DVETR2812D/K-E	594
5962-1520902KXC		02/24/2015	3B	VPT		Y	DVETR2812D/K	594
5962-1520902HYA		02/24/2015	3B	VPT		Y	DVETR2812DF/H-E	594
5962-1520902HYC		02/24/2015	3B	VPT		Y	DVETR2812DF/H	594
5962-1520902KYA		02/24/2015	3B	VPT		Y	DVETR2812DF/K-E	594
5962-1520902KYC		02/24/2015	3B	VPT		Y	DVETR2812DF/K	594
5962-1520903HXA		02/24/2015	3B	VPT		Y	DVETR2815D/H-E	594
5962-1520903HXC		02/24/2015	3B	VPT		Y	DVETR2815D/H	594
5962-1520903KXA		02/24/2015	3B	VPT		Y	DVETR2815D/K-E	594
5962-1520903KXC		02/24/2015	3B	VPT		Y	DVETR2815D/K	594
5962-1520903HYA		02/24/2015	3B	VPT		Y	DVETR2815DF/H-E	594
5962-1520903HYC		02/24/2015	3B	VPT		Y	DVETR2815DF/H	594
5962-1520903KYA		02/24/2015	3B	VPT		Y	DVETR2815DF/K-E	594
5962-1520903KYC		02/24/2015	3B	VPT		Y	DVETR2815DF/K	594
5962R1521201QXC	B	02/14/2019	2	COBHAM		Y	UT8SP2M32-MZFC	699
5962R1521201QYF	B	02/14/2019	2	COBHAM		Y	UT8SP2M32-MSFA	699
5962R1521202QXC	B	02/14/2019	2	COBHAM		Y	UT8SP2M32-MZFC	699
5962R1521202QYF	B	02/14/2019	2	COBHAM		Y	UT8SP2M32-MSFA	699
5962R1521301QXC		02/14/2019	2	COBHAM		Y	UT8SP2M48-MZFC	629
5962R1521301QYF		02/14/2019	2	COBHAM		Y	UT8SP2M48-MSFA	629
5962R1521302QXC		02/14/2019	2	COBHAM		Y	UT8SP2M48-MZFC	629
5962R1521302QYF		02/14/2019	2	COBHAM		Y	UT8SP2M48-MSFA	629
5962R1521401QXC		02/15/2019	2	COBHAM		Y	UT8SP2M32-MZFC	629
5962R1521401QYF		02/15/2019	2	COBHAM		Y	UT8SP2M32-MSFA	629
5962R1521402QXC		02/15/2019	2	COBHAM		Y	UT8SP2M32-MZFC	629
5962R1521402QYF		02/15/2019	2	COBHAM		Y	UT8SP2M32-MSFA	629
5962F1521501QXA		12/09/2015	2	STMICRO		Y	RHFL4913KP15-02Q	782
5962F1521501QXC		12/09/2015	2	STMICRO		Y	RHFL4913KP15-01Q	782
5962F1521501VXA		12/09/2015	2	STMICRO		Y	RHFL4913KP15-02V	782
5962F1521501VXC		12/09/2015	2	STMICRO		Y	RHFL4913KP15-01V	782
5962F1521502V9A		12/09/2015	2	STMICRO		Y	L491315DIE2V	782
5962F1521502QYA		12/09/2015	2	STMICRO		Y	RHFL4913S15-04Q	782
5962F1521502QYC		12/09/2015	2	STMICRO		Y	RHFL4913S15-03Q	782
5962F1521502VYA		12/09/2015	2	STMICRO		Y	RHFL4913S15-04V	782
5962F1521502VYC		12/09/2015	2	STMICRO		Y	RHFL4913S15-03V	782
5962F1521502QZA		12/09/2015	2	STMICRO		Y	RHFL4913ESY1506Q	782
5962F1521502QZC		12/09/2015	2	STMICRO		Y	RHFL4913ESY1505Q	782
5962F1521502VZA		12/09/2015	2	STMICRO		Y	RHFL4913ESY1506V	782
5962F1521502VZC		12/09/2015	2	STMICRO		Y	RHFL4913ESY1505V	782
5962F1521601V9A		01/15/2016	2	STMICRO		Y	RHFL6000AD2V	780
5962F1521601QXA		01/15/2016	2	STMICRO		Y	RHFL6000AKP02Q	780
5962F1521601QXC		01/15/2016	2	STMICRO		Y	RHFL6000AKP01Q	780
5962F1521601VXA		01/15/2016	2	STMICRO		Y	RHFL6000AKP02V	780
5962F1521601VXC		01/15/2016	2	STMICRO		Y	RHFL6000AKP01V	780
5962R1521701HXA	A	01/18/2018	3B	VPT		Y	SVRSA283R3S/H+-E	594
5962R1521701HXC	A	01/18/2018	3B	VPT		Y	SVRSA283R3S/H+	594
5962R1521701KXA	A	01/18/2018	3B	VPT		Y	SVRSA283R3S/K-E	594
5962R1521701KXC	A	01/18/2018	3B	VPT		Y	SVRSA283R3S/K	594

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962R1521701HYA	A	01/18/2018	3B	VPT		Y SVRSA283R3SF/H+-E		594
5962R1521701HYC	A	01/18/2018	3B	VPT		Y SVRSA283R3SF/H+		594
5962R1521701KYA	A	01/18/2018	3B	VPT		Y SVRSA283R3SF/K-E		594
5962R1521701KYC	A	01/18/2018	3B	VPT		Y SVRSA283R3SF/K		594
5962R1521702HXA	A	01/18/2018	3B	VPT		Y SVRSA2805S/H+-E		594
5962R1521702HXC	A	01/18/2018	3B	VPT		Y SVRSA2805S/H+		594
5962R1521702KXA	A	01/18/2018	3B	VPT		Y SVRSA2805S/K-E		594
5962R1521702KXC	A	01/18/2018	3B	VPT		Y SVRSA2805S/K		594
5962R1521702HYA	A	01/18/2018	3B	VPT		Y SVRSA2805SF/H+-E		594
5962R1521702HYC	A	01/18/2018	3B	VPT		Y SVRSA2805SF/H+		594
5962R1521702KYA	A	01/18/2018	3B	VPT		Y SVRSA2805SF/K-E		594
5962R1521702KYC	A	01/18/2018	3B	VPT		Y SVRSA2805SF/K		594
5962R1521703HXA	A	01/18/2018	3B	VPT		Y SVRSA2812S/H+-E		594
5962R1521703HXC	A	01/18/2018	3B	VPT		Y SVRSA2812S/H+		594
5962R1521703KXA	A	01/18/2018	3B	VPT		Y SVRSA2812S/K-E		594
5962R1521703KXC	A	01/18/2018	3B	VPT		Y SVRSA2812S/K		594
5962R1521703HYA	A	01/18/2018	3B	VPT		Y SVRSA2812SF/H+-E		594
5962R1521703HYC	A	01/18/2018	3B	VPT		Y SVRSA2812SF/H+		594
5962R1521703KYA	A	01/18/2018	3B	VPT		Y SVRSA2812SF/K-E		594
5962R1521703KYC	A	01/18/2018	3B	VPT		Y SVRSA2812SF/K		594
5962R1521704HXA	A	01/18/2018	3B	VPT		Y SVRSA2815S/H+-E		594
5962R1521704HXC	A	01/18/2018	3B	VPT		Y SVRSA2815S/H+		594
5962R1521704KXA	A	01/18/2018	3B	VPT		Y SVRSA2815S/K-E		594
5962R1521704KXC	A	01/18/2018	3B	VPT		Y SVRSA2815S/K		594
5962R1521704HYA	A	01/18/2018	3B	VPT		Y SVRSA2815SF/H+-E		594
5962R1521704HYC	A	01/18/2018	3B	VPT		Y SVRSA2815SF/H+		594
5962R1521704KYA	A	01/18/2018	3B	VPT		Y SVRSA2815SF/K-E		594
5962R1521704KYC	A	01/18/2018	3B	VPT		Y SVRSA2815SF/K		594
5962R1521801HXA		04/17/2017	3B	VPT		Y SVRSA2805D/H+-E		594
5962R1521801HXC		04/17/2017	3B	VPT		Y SVRSA2805D/H+		594
5962R1521801KXA		04/17/2017	3B	VPT		Y SVRSA2805D/K-E		594
5962R1521801KXC		04/17/2017	3B	VPT		Y SVRSA2805D/K		594
5962R1521801HYA		04/17/2017	3B	VPT		Y SVRSA2805DF/H+-E		594
5962R1521801HYC		04/17/2017	3B	VPT		Y SVRSA2805DF/H+		594
5962R1521801KYA		04/17/2017	3B	VPT		Y SVRSA2805DF/K-E		594
5962R1521801KYC		04/17/2017	3B	VPT		Y SVRSA2805DF/K		594
5962R1521802HXA		04/17/2017	3B	VPT		Y SVRSA2812D/H+-E		594
5962R1521802HXC		04/17/2017	3B	VPT		Y SVRSA2812D/H+		594
5962R1521802KXA		04/17/2017	3B	VPT		Y SVRSA2812D/K-E		594
5962R1521802KXC		04/17/2017	3B	VPT		Y SVRSA2812D/K		594
5962R1521802HYA		04/17/2017	3B	VPT		Y SVRSA2812DF/H+-E		594
5962R1521802HYC		04/17/2017	3B	VPT		Y SVRSA2812DF/H+		594
5962R1521802KYA		04/17/2017	3B	VPT		Y SVRSA2812DF/K-E		594
5962R1521802KYC		04/17/2017	3B	VPT		Y SVRSA2812DF/K		594
5962R1521803HXA		04/17/2017	3B	VPT		Y SVRSA2815D/H+-E		594
5962R1521803HXC		04/17/2017	3B	VPT		Y SVRSA2815D/H+		594
5962R1521803KXA		04/17/2017	3B	VPT		Y SVRSA2815D/K-E		594
5962R1521803KXC		04/17/2017	3B	VPT		Y SVRSA2815D/K		594
5962R1521803HYA		04/17/2017	3B	VPT		Y SVRSA2815DF/H+-E		594

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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962R1521803HYC		04/17/2017	3B	VPT		Y SVRSA2815DF/H+		594
5962R1521803KYA		04/17/2017	3B	VPT		Y SVRSA2815DF/K-E		594
5962R1521803KYC		04/17/2017	3B	VPT		Y SVRSA2815DF/K		594
5962R1521901V9A	A	06/09/2016	3B	RENESAS		Y ISL71840SEHVX		195
5962R1521901VXC	A	06/09/2016	3B	RENESAS		Y ISL71840SEHVF		195
5962L1521902V9A	A	06/09/2016	3B	RENESAS		Y ISL73840SEHVX		195
5962L1521902VXC	A	06/09/2016	3B	RENESAS		Y ISL73840SEHVF		195
5962R1522001V9A	B	09/01/2016	3B	RENESAS		Y ISL71841SEHVX		199
5962R1522001VXC	B	09/01/2016	3B	RENESAS		Y ISL71841SEHVF		199
5962R1522001VYA	B	09/01/2016	3B	RENESAS		Y ISL71841SEHVL		199
5962L1522002V9A	B	09/01/2016	3B	RENESAS		Y ISL73841SEHVX		199
5962L1522002VXC	B	09/01/2016	3B	RENESAS		Y ISL73841SEHVF		199
5962-1522101VXC		08/20/2015	1C	E2V SEMI.		Y EV10DS130AMLG-V		591
5962-1522101VYF		08/20/2015	1C	E2V SEMI.		Y EV10DS130AMGS-V		591
5962-1522101VZF		08/20/2015	1C	E2V SEMI.		Y EV10DS130AMGC-V		591
5962-1522201VXC	A	05/26/2016	1C	E2V SEMI.		Y EV12DS130AMLG-V		591
5962-1522201VYF	A	05/26/2016	1C	E2V SEMI.		Y EV12DS130AMGS-V		591
5962-1522201VZF	A	05/26/2016	1C	E2V SEMI.		Y EV12DS130AMGC-V		591
5962-1522202VXC	A	05/26/2016	1C	E2V SEMI.		Y EV12DS130BMLG-V		591
5962-1522202VYF	A	05/26/2016	1C	E2V SEMI.		Y EV12DS130BMGS-V		591
5962-1522202VZF	A	05/26/2016	1C	E2V SEMI.		Y EV12DS130BMGC-V		591
5962-1522301VXC		09/23/2015	1C	E2V SEMI.		Y EV10AS180AMLG-V		
5962-1522301VYF		09/23/2015	1C	E2V SEMI.		Y EV10AS180AMGS-V		
5962-1522301VZF		09/23/2015	1C	E2V SEMI.		Y EV10AS180AMGC-V		
5962-1522401KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2801R5S		594
5962-1522401KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2801R5S		594
5962L1522401KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2801R5S		594
5962L1522401KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2801R5S		594
5962R1522401KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2801R5S		594
5962R1522401KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2801R5S		594
5962-1522402KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2801R8S		594
5962-1522402KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2801R8S		594
5962L1522402KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2801R8S		594
5962L1522402KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2801R8S		594
5962R1522402KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2801R8S		594
5962R1522402KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2801R8S		594
5962-1522403KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2802R5S		594
5962-1522403KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2802R5S		594
5962L1522403KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2802R5S		594
5962L1522403KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2802R5S		594
5962R1522403KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2802R5S		594
5962R1522403KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2802R5S		594
5962-1522404KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2803R3S		594
5962-1522404KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2803R3S		594
5962L1522404KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2803R3S		594
5962L1522404KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2803R3S		594
5962R1522404KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2803R3S		594
5962R1522404KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2803R3S		594
5962-1522405KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2805S		594



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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-1522405KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2805S		594
5962L1522405KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2805S		594
5962L1522405KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2805S		594
5962R1522405KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2805S		594
5962R1522405KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2805S		594
5962-1522406KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2812S		594
5962-1522406KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2812S		594
5962L1522406KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2812S		594
5962L1522406KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2812S		594
5962R1522406KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2812S		594
5962R1522406KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2812S		594
5962-1522407KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2815S		594
5962-1522407KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2815S		594
5962L1522407KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2815S		594
5962L1522407KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2815S		594
5962R1522407KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2815S		594
5962R1522407KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2815S		594
5962-1522408KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2805D		594
5962-1522408KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2805D		594
5962L1522408KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSOL2805D		594
5962L1522408KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSOL2805D		594
5962R1522408KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSOR2805D		594
5962R1522408KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSOR2805D		594
5962-1522409KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2812D		594
5962-1522409KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2812D		594
5962L1522409KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSOL2812D		594
5962L1522409KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSOL2812D		594
5962R1522409KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSOR2812D		594
5962R1522409KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSOR2812D		594
5962-1522410KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSO2815D		594
5962-1522410KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSO2815D		594
5962L1522410KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSOL2815D		594
5962L1522410KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSOL2815D		594
5962R1522410KXA	B	11/15/2018	1C	INTER. RECT.2		Y LSOR2815D		594
5962R1522410KXC	B	11/15/2018	1C	INTER. RECT.2		Y LSOR2815D		594
5962R1522501QXC		11/13/2018	2	COBHAM		Y UT8SF2M48-MZFC		629
5962R1522501QYF		11/13/2018	2	COBHAM		Y UT8SF2M48-MSFA		629
5962R1522502QXC		11/13/2018	2	COBHAM		Y UT8SF2M48-MZFC		629
5962R1522502QYF		11/13/2018	2	COBHAM		Y UT8SF2M48-MSFA		629
5962L1522801V9A	D	10/23/2017	3A	RENESAS		Y ISL72026SEHVX		590
5962L1522801VXC	D	10/23/2017	3A	RENESAS		Y ISL72026SEHVF		590
5962L1522802V9A	D	10/23/2017	3A	RENESAS		Y ISL72027SEHVX		590
5962L1522802VXC	D	10/23/2017	3A	RENESAS		Y ISL72027SEHVF		590
5962L1522803V9A	D	10/23/2017	3A	RENESAS		Y ISL72028SEHVX		590
5962L1522803VXC	D	10/23/2017	3A	RENESAS		Y ISL72028SEHVF		590
5962R1522804V9A	D	10/23/2017	3A	RENESAS		Y ISL72026BSEHVX		590
5962R1522804VXC	D	10/23/2017	3A	RENESAS		Y ISL72026BSEHVF		590
5962R1522805V9A	D	10/23/2017	3A	RENESAS		Y ISL72027BSEHVX		590
5962R1522805VXC	D	10/23/2017	3A	RENESAS		Y ISL72027BSEHVF		590

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962R1522806V9A	D	10/23/2017	3A	RENESAS		Y ISL72028BSEHVX		590
5962R1522806VXC	D	10/23/2017	3A	RENESAS		Y ISL72028BSEHVF		590
5962L1522807V9A	D	10/23/2017	3A	RENESAS		Y ISL72026ASEHVX		590
5962L1522807VXC	D	10/23/2017	3A	RENESAS		Y ISL72026ASEHVF		590
5962L1522808V9A	D	10/23/2017	3A	RENESAS		Y ISL72027ASEHVX		590
5962L1522808VXC	D	10/23/2017	3A	RENESAS		Y ISL72027ASEHVF		590
5962L1522809V9A	D	10/23/2017	3A	RENESAS		Y ISL72028ASEHVX		590
5962L1522809VXC	D	10/23/2017	3A	RENESAS		Y ISL72028ASEHVF		590
5962R1522810V9A	D	10/23/2017	3A	RENESAS		Y ISL72026CSEHVX		590
5962R1522810VXC	D	10/23/2017	3A	RENESAS		Y ISL72026CSEHVF		590
5962R1522811V9A	D	10/23/2017	3A	RENESAS		Y ISL72027CSEHVX		590
5962R1522811VXC	D	10/23/2017	3A	RENESAS		Y ISL72027CSEHVF		590
5962R1522812V9A	D	10/23/2017	3A	RENESAS		Y ISL72028CSEHVX		590
5962R1522812VXC	D	10/23/2017	3A	RENESAS		Y ISL72028CSEHVF		590
5962-1523001HXA		07/28/2015	3A	VPT		Y DVHE281R9S/H-E		594
5962-1523001HXC		07/28/2015	3A	VPT		Y DVHE281R9S/H		594
5962-1523001KXA		07/28/2015	3A	VPT		Y DVHE281R9S/K-E		594
5962-1523001KXC		07/28/2015	3A	VPT		Y DVHE281R9S/K		594
5962-1523001HYA		07/28/2015	3A	VPT		Y DVHE281R9SF/H-E		594
5962-1523001HYC		07/28/2015	3A	VPT		Y DVHE281R9SF/H		594
5962-1523001KYA		07/28/2015	3A	VPT		Y DVHE281R9SF/K-E		594
5962-1523001KYC		07/28/2015	3A	VPT		Y DVHE281R9SF/K		594
5962-1523002HXA		07/28/2015	3A	VPT		Y DVHE282R5S/H-E		594
5962-1523002HXC		07/28/2015	3A	VPT		Y DVHE282R5S/H		594
5962-1523002KXA		07/28/2015	3A	VPT		Y DVHE282R5S/K-E		594
5962-1523002KXC		07/28/2015	3A	VPT		Y DVHE282R5S/K		594
5962-1523002HYA		07/28/2015	3A	VPT		Y DVHE282R5SF/H-E		594
5962-1523002HYC		07/28/2015	3A	VPT		Y DVHE282R5SF/H		594
5962-1523002KYA		07/28/2015	3A	VPT		Y DVHE282R5SF/K-E		594
5962-1523002KYC		07/28/2015	3A	VPT		Y DVHE282R5SF/K		594
5962-1523003HXA		07/28/2015	3A	VPT		Y DVHE283R3S/H-E		594
5962-1523003HXC		07/28/2015	3A	VPT		Y DVHE283R3S/H		594
5962-1523003KXA		07/28/2015	3A	VPT		Y DVHE283R3S/K-E		594
5962-1523003KXC		07/28/2015	3A	VPT		Y DVHE283R3S/K		594
5962-1523003HYA		07/28/2015	3A	VPT		Y DVHE283R3SF/H-E		594
5962-1523003HYC		07/28/2015	3A	VPT		Y DVHE283R3SF/H		594
5962-1523003KYA		07/28/2015	3A	VPT		Y DVHE283R3SF/K-E		594
5962-1523003KYC		07/28/2015	3A	VPT		Y DVHE283R3SF/K		594
5962-1523004HXA		07/28/2015	3A	VPT		Y DVHE2805S/H-E		594
5962-1523004HXC		07/28/2015	3A	VPT		Y DVHE2805S/H		594
5962-1523004KXA		07/28/2015	3A	VPT		Y DVHE2805S/K-E		594
5962-1523004KXC		07/28/2015	3A	VPT		Y DVHE2805S/K		594
5962-1523004HYA		07/28/2015	3A	VPT		Y DVHE2805SF/H-E		594
5962-1523004HYC		07/28/2015	3A	VPT		Y DVHE2805SF/H		594
5962-1523004KYA		07/28/2015	3A	VPT		Y DVHE2805SF/K-E		594
5962-1523004KYC		07/28/2015	3A	VPT		Y DVHE2805SF/K		594
5962-1523101QXC	B	07/14/2017	2	MICROSEMI (2)		Y AAHS298B-S-S20B-B		529
5962-1523101VXC	B	07/14/2017	2	MICROSEMI (2)		Y AAHS298B-S-S20B-S		529
5962-1523101QYC	B	07/14/2017	2	MICROSEMI (2)		Y AAHS298B-06-4020A-Q		529

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-1523101VYC	B	07/14/2017	2	MICROSEMI (2)		Y AAHS298B-07-4020A-V		529
5962R1523201QXC		02/22/2016	2	COBHAM		Y UT64CAN3330XQC		599
5962R1523201VXC		02/22/2016	2	COBHAM		Y UT64CAN3330XVC		599
5962R1523202QXC		02/22/2016	2	COBHAM		Y UT64CAN3331XQC		599
5962R1523202VXC		02/22/2016	2	COBHAM		Y UT64CAN3331XVC		599
5962R1523203QXC		02/22/2016	2	COBHAM		Y UT64CAN3332XQC		599
5962R1523203VXC		02/22/2016	2	COBHAM		Y UT64CAN3332XVC		599
5962R1523601VXA	A	11/14/2018	3A	ANALOG (4)		Y ADA4084-4AFQMLR		739
5962L1523602VXA	A	11/14/2018	3A	ANALOG (4)		Y ADA4084-4AFQMLL		739
5962G1523801Q9A	A	10/30/2017	2	COBHAM		Y CAG99A_QG_DIEG		149
5962G1523801V9A	A	10/30/2017	2	COBHAM		Y CAG99A_VG_DIEG		149
5962G1523801QXA	A	10/30/2017	2	COBHAM		Y UTACS3G99S-XCA		149
5962G1523801QXC	A	10/30/2017	2	COBHAM		Y UTACS3G99S-XCC		149
5962G1523801VXA	A	10/30/2017	2	COBHAM		Y UTACS3G99S-XCA		149
5962G1523801VXC	A	10/30/2017	2	COBHAM		Y UTACS3G99S-XCC		149
5962H1523802Q9A	A	10/30/2017	2	COBHAM		Y CAG99A_QH_DIEH		149
5962H1523802V9A	A	10/30/2017	2	COBHAM		Y CAG99A_VH_DIEH		149
5962H1523802QXA	A	10/30/2017	2	COBHAM		Y UTACS3G99S-XCA		149
5962H1523802QXC	A	10/30/2017	2	COBHAM		Y UTACS3G99S-XCC		149
5962H1523802VXA	A	10/30/2017	2	COBHAM		Y UTACS3G99S-XCA		149
5962H1523802VXC	A	10/30/2017	2	COBHAM		Y UTACS3G99S-XCC		149
5962G1523901Q9A	A	10/30/2017	1C	COBHAM		Y CAS99A_QG_DIEG		149
5962G1523901V9A	A	10/30/2017	1C	COBHAM		Y CAS99A_VG_DIEG		149
5962G1523901QXA	A	10/30/2017	1C	COBHAM		Y UTACS2S99S-XCA		149
5962G1523901QXC	A	10/30/2017	1C	COBHAM		Y UTACS2S99S-XCC		149
5962G1523901VXA	A	10/30/2017	1C	COBHAM		Y UTACS2S99S-XCA		149
5962G1523901VXC	A	10/30/2017	1C	COBHAM		Y UTACS2S99S-XCC		149
5962H1523902Q9A	A	10/30/2017	1C	COBHAM		Y CAS99A_QH_DIEH		149
5962H1523902V9A	A	10/30/2017	1C	COBHAM		Y CAS99A_VH_DIEH		149
5962H1523902QXA	A	10/30/2017	1C	COBHAM		Y UTACS2S99S-XCA		149
5962H1523902QXC	A	10/30/2017	1C	COBHAM		Y UTACS2S99S-XCC		149
5962H1523902VXA	A	10/30/2017	1C	COBHAM		Y UTACS2S99S-XCA		149
5962H1523902VXC	A	10/30/2017	1C	COBHAM		Y UTACS2S99S-XCC		149
5962F1524001QXA		09/28/2016	2	COBHAM		Y UT54BS16245-UCA		199
5962F1524001QXC		09/28/2016	2	COBHAM		Y UT54BS16245-UCC		199
5962F1524001VXA		09/28/2016	2	COBHAM		Y UT54BS16245-UCA		199
5962F1524001VXC		09/28/2016	2	COBHAM		Y UT54BS16245-UCA		199
5962R1524001QXA		09/28/2016	2	COBHAM		Y UT54BS16245-UCA		199
5962R1524001QXC		09/28/2016	2	COBHAM		Y UT54BS16245-UCC		199
5962R1524001VXA		09/28/2016	2	COBHAM		Y UT54BS16245-UCA		199
5962R1524001VXC		09/28/2016	2	COBHAM		Y UT54BS16245-UCC		199
5962F1524101QXC	A	12/11/2018	2	COBHAM		Y UT54BS32245-ZCC		199
5962F1524101VXC	A	12/11/2018	2	COBHAM		Y UT54BS32245-ZCC		199
5962F1524201QXC		04/25/2018	2	AEROFLEX		Y UT64BS1X433QXC		429
5962F1524201VXC		04/25/2018	2	AEROFLEX		Y UT64BS1X433VXC		429
5962F1524401QXA		10/31/2016	2	COBHAM		Y UT54BS3245-UCA		199
5962F1524401QXC		10/31/2016	2	COBHAM		Y UT54BS3245-UCC		199
5962F1524401VXA		10/31/2016	2	COBHAM		Y UT54BS3245-UCA		199
5962F1524401VXC		10/31/2016	2	COBHAM		Y UT54BS3245-UCC		199

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5962R1524401QXA		10/31/2016	2	COBHAM		Y UT54BS3245-UCA		199
5962R1524401QXC		10/31/2016	2	COBHAM		Y UT54BS3245-UCC		199
5962R1524401VXA		10/31/2016	2	COBHAM		Y UT54BS3245-UCA		199
5962R1524401VXC		10/31/2016	2	COBHAM		Y UT54BS3245-UCC		199
5962F1524501QXA		10/31/2016	2	COBHAM		Y UT54BS16210-UCA		199
5962F1524501QXC		10/31/2016	2	COBHAM		Y UT54BS16210-UCC		199
5962F1524501VXA		10/31/2016	2	COBHAM		Y UT54BS16210-UCA		199
5962F1524501VXC		10/31/2016	2	COBHAM		Y UT54BS16210-UCC		199
5962R1524501QXA		10/31/2016	2	COBHAM		Y UT54BS16210-UCA		199
5962R1524501QXC		10/31/2016	2	COBHAM		Y UT54BS16210-UCC		199
5962R1524501VXA		10/31/2016	2	COBHAM		Y UT54BS16210-UCA		199
5962R1524501VXC		10/31/2016	2	COBHAM		Y UT54BS16210-UCC		199
5962L1524601V9A	A	02/06/2017	3A	RENESAS		Y ISL70517SEHVX		754
5962L1524601VXC	A	02/06/2017	3A	RENESAS		Y ISL70517SEHVF		754
5962L1524602V9A	A	02/06/2017	3A	RENESAS		Y ISL70517SEHVX		754
5962L1524602VXC	A	02/06/2017	3A	RENESAS		Y ISL70517SEHVF		754
5962L1524701V9A		03/14/2016	3A	RENESAS		Y ISL71830SEHVX		199
5962L1524701VXC		03/14/2016	3A	RENESAS		Y ISL71830SEHVF		199
5962L1524801V9A	A	05/03/2016	3A	RENESAS		Y ISL71831SEHVX		199
5962L1524801VXC	A	05/03/2016	3A	RENESAS		Y ISL71831SEHVF		199
5962R1620101HXC		11/01/2016	1B	ANAREN		Y MSK496HRH		749
5962R1620101KXC		11/01/2016	1B	ANAREN		Y MSK496KRH		749
5962R1620101HYC		11/01/2016	1B	ANAREN		Y MSK496HRHG		749
5962R1620101KYC		11/01/2016	1B	ANAREN		Y MSK496KRHG		749
5962-1620201HXA		02/11/2016	3B	VPT		Y DVTR28512T/H-E		594
5962-1620201HXC		02/11/2016	3B	VPT		Y DVTR28512T/H		594
5962-1620201KXA		02/11/2016	3B	VPT		Y DVTR28512T/K-E		594
5962-1620201KXC		02/11/2016	3B	VPT		Y DVTR28512T/K		594
5962-1620201HYA		02/11/2016	3B	VPT		Y DVTR28512TF/H-E		594
5962-1620201HYC		02/11/2016	3B	VPT		Y DVTR28512TF/H		594
5962-1620201KYA		02/11/2016	3B	VPT		Y DVTR28512TF/K-E		594
5962-1620201KYC		02/11/2016	3B	VPT		Y DVTR28512TF/K		594
5962-1620202HXA		02/11/2016	3B	VPT		Y DVTR28515T/H-E		594
5962-1620202HXC		02/11/2016	3B	VPT		Y DVTR28515T/H		594
5962-1620202KXA		02/11/2016	3B	VPT		Y DVTR28515T/K-E		594
5962-1620202KXC		02/11/2016	3B	VPT		Y DVTR28515T/K		594
5962-1620202HYA		02/11/2016	3B	VPT		Y DVTR28515TF/H-E		594
5962-1620202HYC		02/11/2016	3B	VPT		Y DVTR28515TF/H		594
5962-1620202KYA		02/11/2016	3B	VPT		Y DVTR28515TF/K-E		594
5962-1620202KYC		02/11/2016	3B	VPT		Y DVTR28515TF/K		594
5962-1620301HXA		02/11/2016	3B	VPT		Y DVWR283R312T/H-E		594
5962-1620301HXC		02/11/2016	3B	VPT		Y DVWR283R312T/H		594
5962-1620301KXA		02/11/2016	3B	VPT		Y DVWR283R312T/K-E		594
5962-1620301KXC		02/11/2016	3B	VPT		Y DVWR283R312T/K		594
5962-1620301HYA		02/11/2016	3B	VPT		Y DVWR283R312TF/H-E		594
5962-1620301HYC		02/11/2016	3B	VPT		Y DVWR283R312TF/H		594
5962-1620301KYA		02/11/2016	3B	VPT		Y DVWR283R312TF/K-E		594
5962-1620301KYC		02/11/2016	3B	VPT		Y DVWR283R312TF/K		594
5962-1620302HXA		02/11/2016	3B	VPT		Y DVWR283R315T/H-E		594

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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-1620302HXC		02/11/2016	3B	VPT		Y DVWR283R315T/H		594
5962-1620302KXA		02/11/2016	3B	VPT		Y DVWR283R315T/K-E		594
5962-1620302KXC		02/11/2016	3B	VPT		Y DVWR283R315T/K		594
5962-1620302HYA		02/11/2016	3B	VPT		Y DVWR283R315TF/H-E		594
5962-1620302HYC		02/11/2016	3B	VPT		Y DVWR283R315TF/H		594
5962-1620302KYA		02/11/2016	3B	VPT		Y DVWR283R315TF/K-E		594
5962-1620302KYC		02/11/2016	3B	VPT		Y DVWR283R315TF/K		594
5962R1620401V9A	A	08/02/2017	3A	STMICRO		Y RHR61DIE2V		700
5962R1620401VXA	A	08/02/2017	3A	STMICRO		Y RHR6102V		700
5962R1620401VXC	A	08/02/2017	3A	STMICRO		Y RHR6101V		700
5962R1620501V9A	A	08/08/2017	3A	STMICRO		Y RHR64DIE2V		739
5962R1620501VXA	A	08/08/2017	3A	STMICRO		Y RHR64K02V		739
5962R1620501VXC	A	08/08/2017	3A	STMICRO		Y RHR64K01V		739
5962-1620701VXC	A	01/15/2019	2	TI		Y CDCLVP111HFG-V		599
5962-1620801QXF	B	06/15/2018	1A	MICROSEMI (2)		Y RT4G150-CG1657B		381
5962-1620802QXF	B	06/15/2018	1A	MICROSEMI (2)		Y RT4G150-1CG1657B		381
5962-1620803QZC	B	06/15/2018	1A	MICROSEMI (2)		Y RT4G150-LG1657B		381
5962-1620804QZC	B	06/15/2018	1A	MICROSEMI (2)		Y RT4G150-1LG1657B		381
5962-1620805QXF	B	06/15/2018	1A	MICROSEMI (2)		Y RT4G150-CG1657E		381
5962-1620806QXF	B	06/15/2018	1A	MICROSEMI (2)		Y RT4G150-1CG1657E		381
5962-1620807QZC	B	06/15/2018	1A	MICROSEMI (2)		Y RT4G150-LG1657E		381
5962-1620808QZC	B	06/15/2018	1A	MICROSEMI (2)		Y RT4G150-1LG1657E		381
5962-1620809VXF	B	06/15/2018	1A	MICROSEMI (2)		Y RT4G150-CG1657V		381
5962-1620810VXF	B	06/15/2018	1A	MICROSEMI (2)		Y RT4G150-1CG1657V		381
5962-1620811VZC	B	06/15/2018	1A	MICROSEMI (2)		Y RT4G150-LG1657V		381
5962-1620812VZC	B	06/15/2018	1A	MICROSEMI (2)		Y RT4G150-1LG1657V		381
5962L1620901V9A	A	01/07/2019	2	TI		Y OPA4277-RHAKGD		739
5962L1620901VXA	A	01/07/2019	2	TI		Y OPA4277-RHA		739
5962L1620901VYC	A	01/07/2019	2	TI		Y OPA4277-RHA		739
5962-1621001QXC		12/02/2016	1B	MICROSEMI (2)		Y LX7710MDWC-Q		791
5962-1621001VXC		12/02/2016	1B	MICROSEMI (2)		Y LX7710MDWC-V		791
5962R1621101V9A	A	08/01/2018	2	STMICRO		Y RHRDAC1612KD2V		591
5962R1621101VXA	A	08/01/2018	2	STMICRO		Y RHRDAC1612K02V		591
5962R1621101VXC	A	08/01/2018	2	STMICRO		Y RHRDAC1612K01V		591
5962P1621201HXA		06/21/2018	1C	VPT		Y SVFA0510S/H+-E		594
5962P1621201HXC		06/21/2018	1C	VPT		Y SVFA0510S/H+		594
5962P1621201KXA		06/21/2018	1C	VPT		Y SVFA0510S/K-E		594
5962P1621201KXC		06/21/2018	1C	VPT		Y SVFA0510S/K		594
5962P1720101HXA		11/01/2018	1C	VPT		Y SVFA0515S/H+-E		594
5962P1720101HXC		11/01/2018	1C	VPT		Y SVFA0515S/H+		594
5962P1720101KXA		11/01/2018	1C	VPT		Y SVFA0515S/K-E		594
5962P1720101KXC		11/01/2018	1C	VPT		Y SVFA0515S/K		594
5962-1720701QXC		01/10/2017	2	TI		Y TLK3118MZMA		590
5962R1720801V9A		03/20/2017	3A	RENESAS		Y ISL72813SEHVX		589
5962R1720801VXA		03/20/2017	3A	RENESAS		Y ISL72813SEHVL		589
5962-1720901HXA		06/14/2017	0	DDC		Y BU-67521F80HL-140		899
5962-1720901HXC		06/14/2017	0	DDC		Y BU-67521F80HL-110		899
5962-1720901HYA		06/14/2017	0	DDC		Y BU-67521G80HL-140		899
5962-1720901HYC		06/14/2017	0	DDC		Y BU-67521G80HL-110		899



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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962F1721001VXA	A	07/25/2017	3B	STMICRO		Y RHF200K02V		739
5962F1721001VXC	A	07/25/2017	3B	STMICRO		Y RHF200K01V		739
5962L1721201QXC		11/29/2018	2	COBHAM		Y UT32M0R500-ZQC		420
5962L1721201QYF		11/29/2018	2	COBHAM		Y UT32M0R500-SQF		420
5962L1721202QXC		11/29/2018	2	COBHAM		Y UT32M0R500-ZQC		420
5962L1721202QYF		11/29/2018	2	COBHAM		Y UT32M0R500-SQF		420
5962-1721401VXC	A	07/10/2018	2	TI		Y LMH5401-SP		712
5962R1721401VXC	A	07/10/2018	2	TI		Y LMH5401-RHA		712
5962R1721501HXA		05/09/2018	1B	VPT		Y SVPL3R306SG/H+-E		594
5962R1721501KXA		05/09/2018	1B	VPT		Y SVPL3R306SG/K-E		594
5962R1721501HYC		05/09/2018	1B	VPT		Y SVPL3R306SGN/H+		594
5962R1721501KYC		05/09/2018	1B	VPT		Y SVPL3R306SGN/K		594
5962R1721701HXA	A	03/15/2018	1A	VPT		Y SVPL3R312SG/H+-E		594
5962R1721701KXA	A	03/15/2018	1A	VPT		Y SVPL3R312SG/K-E		594
5962R1721701HYC	A	03/15/2018	1A	VPT		Y SVPL3R312SGN/H+		594
5962R1721701KYC	A	03/15/2018	1A	VPT		Y SVPL3R312SGN/K		594
5962-1721801VXC	A	07/10/2018	2	TI		Y TMP461-SP		899
5962R1721801VXC	A	07/10/2018	2	TI		Y TMP461-RHA		899
5962-1721901QXC		10/03/2017	1B	MICROSEMI (2)		Y LX7730MFQ-Q		899
5962-1721901VXC		10/03/2017	1B	MICROSEMI (2)		Y LX7730MFQ-V		899
5962-1722001VXC		02/04/2019	3A	TI		Y TPS7H2201-SP		199
5962R1722501V9A		12/13/2017	3B	RENESAS		Y ISL70321SEHVX		899
5962R1722501VXC		12/13/2017	3B	RENESAS		Y ISL70321SEHVF		899
5962R1722502V9A		12/13/2017	3B	RENESAS		Y ISL73321SEHVX		899
5962R1722502VXC		12/13/2017	3B	RENESAS		Y ISL73321SEHVF		899
5962-1722601HXA		08/17/2017	2	CRANE		Y MWR283R312T/883		594
5962-1722601HXC		08/17/2017	2	CRANE		Y MWR283R312T/883		594
5962-1722601HZA		08/17/2017	2	CRANE		Y MWR283R312TF/883		594
5962-1722601HXC		08/17/2017	2	CRANE		Y MWR283R312TF/883		594
5962-1722602HXA		08/17/2017	2	CRANE		Y MWR283R315T/883		594
5962-1722602HXC		08/17/2017	2	CRANE		Y MWR283R315T/883		594
5962-1722602HZA		08/17/2017	2	CRANE		Y MWR283R315TF/883		594
5962-1722602HXC		08/17/2017	2	CRANE		Y MWR283R315TF/883		594
5962-1722603HXA		08/17/2017	2	CRANE		Y MWR28512T/883		594
5962-1722603HXC		08/17/2017	2	CRANE		Y MWR28512T/883		594
5962-1722603HZA		08/17/2017	2	CRANE		Y MWR28512TF/883		594
5962-1722603HXC		08/17/2017	2	CRANE		Y MWR28512TF/883		594
5962-1722604HXA		08/17/2017	2	CRANE		Y MWR28515T/883		594
5962-1722604HXC		08/17/2017	2	CRANE		Y MWR28515T/883		594
5962-1722604HZA		08/17/2017	2	CRANE		Y MWR28515TF/883		594
5962-1722604HXC		08/17/2017	2	CRANE		Y MWR28515TF/883		594
5962-1722901HXC		02/16/2018	0	DDC		Y BU-67502F80HL-110L		899
5962-1722901HYA		02/16/2018	0	DDC		Y BU-67502G80HL-140L		899
5962R1723201HXA		06/04/2018	1B	VPT		Y SVPL1209SG/H+-E		594
5962R1723201KXA		06/04/2018	1B	VPT		Y SVPL1209SG/K-E		594
5962R1723201HYC		06/04/2018	1B	VPT		Y SVPL1209SG/H+		594
5962R1723201KYC		06/04/2018	1B	VPT		Y SVPL1209SG/K		594
5962R1723301V9A		01/30/2018	3A	RENESAS		Y ISL70040SEHVX		555
5962R1723301VXC		01/30/2018	3A	RENESAS		Y ISL70040SEHVL		555

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962L1723302V9A		01/30/2018	3A	RENESAS		Y ISL73040SEHVX		555
5962L1723302VXC		01/30/2018	3A	RENESAS		Y ISL73040SEHVL		555
5962-1723401KXA	A	11/15/2018	2	INTER. RECT.2		Y M3GB5015D/CK		594
5962-1723401KXC	A	11/15/2018	2	INTER. RECT.2		Y M3GB5015D/CK		594
5962L1723401KXA	A	11/15/2018	2	INTER. RECT.2		Y M3GB5015D/CK		594
5962L1723401KXC	A	11/15/2018	2	INTER. RECT.2		Y M3GB5015D/CK		594
5962R1723401KXA	A	11/15/2018	2	INTER. RECT.2		Y M3GB5015D/CK		594
5962R1723401KXC	A	11/15/2018	2	INTER. RECT.2		Y M3GB5015D/CK		594
5962R17A0101VXC	A	01/26/2018	1C	COBHAM		Y TR2C20129795-001		365
5962R17A0201VXC	A	01/26/2018	1C	COBHAM		Y TR2C20129781-001		365
5962R17A0301VXC	A	01/26/2018	1B	COBHAM		Y TR2C20129838-001		365
5962-17A0401QXC	A	09/11/2017	2	ON SEMI.		Y 22011-001		365
5962H17B0106YXC	B	10/12/2017	2	HONEYWELL (1)		Y HX518		365
5962H17B0106YYC	B	10/12/2017	2	HONEYWELL (1)		Y HX518		365
5962F1820201V9A	A	09/24/2018	3A	STMICRO		Y RHFHAC00D2V		100
5962F1820201VXA	A	09/24/2018	3A	STMICRO		Y RHFHAC00K02V		100
5962F1820201VXC	A	09/24/2018	3A	STMICRO		Y RHFHAC00K01V		100
5962R1820301VXC		12/13/2018	2	TI		Y LM98640-RHA		899
5962F1820401V9A		08/28/2018	3A	STMICRO		Y RHFAD128D2V		592
5962F1820401VXA		08/28/2018	3A	STMICRO		Y RHFAD128K02V		592
5962F1820401VXC		08/28/2018	3A	STMICRO		Y RHFAD128K01V		592
5962-1820601KXA		06/07/2018	3A	INTER. RECT.2		Y 10553FM		594
5962-1820601KXC		06/07/2018	3A	INTER. RECT.2		Y 10553FM		594
5962-1820602KXA		06/07/2018	3A	INTER. RECT.2		Y 10554FM		594
5962-1820602KXC		06/07/2018	3A	INTER. RECT.2		Y 10554FM		594
5962-1820801KXA		10/02/2018	2	INTER. RECT.2		Y M3GB700515T/CK		594
5962-1820801KXC		10/02/2018	2	INTER. RECT.2		Y M3GB700515T/CK		594
5962L1820801KXA		10/02/2018	2	INTER. RECT.2		Y M3GB700515T/CKL		594
5962L1820801KXC		10/02/2018	2	INTER. RECT.2		Y M3GB700515T/CKL		594
5962R1820801KXA		10/02/2018	2	INTER. RECT.2		Y M3GB700515T/CKR		594
5962R1820801KXC		10/02/2018	2	INTER. RECT.2		Y M3GB700515T/CKR		594
5962-1821001VXC		01/10/2019	2	TI		Y INA901A-SP		899
5962R1821701V9A		10/03/2018	3A	RENESAS		Y ISL70591SEHVX		821
5962R1821701VXC		10/03/2018	3A	RENESAS		Y ISL70591SEHVF		821
5962L1821702V9A		10/03/2018	3A	RENESAS		Y ISL73591SEHVX		821
5962L1821702VXC		10/03/2018	3A	RENESAS		Y ISL73591SEHVF		821
5962R1821703V9A		10/03/2018	3A	RENESAS		Y ISL70592SEHVX		821
5962R1821703VXC		10/03/2018	3A	RENESAS		Y ISL70592SEHVF		821
5962L1821704V9A		10/03/2018	3A	RENESAS		Y ISL73592SEHVX		821
5962L1821704VXC		10/03/2018	3A	RENESAS		Y ISL73592SEHVF		821
5962-3812801M2A	G	12/13/2017		(NONE)		AD584S (GEN)		785
5962-3812801VGA	G	12/13/2017	3	ANALOG (4)		Y AD584SH/QMLV		785
5962R3812801VGA	G	12/13/2017	3	ANALOG (4)		Y AD584SH/QMLR		785
5962-3812802M2A	G	12/13/2017		(NONE)		AD584T (GEN)		785
5962-3812802VGA	G	12/13/2017	3	ANALOG (4)		Y AD584TH/QMLV		785
5962R3812802VGA	G	12/13/2017	3	ANALOG (4)		Y AD584TH/QMLR		785
5962-3812803M2C	G	12/13/2017		(NONE)		MX584S (GEN)		785
5962-3812803MGC	G	12/13/2017		(NONE)		MX584S (GEN)		785
5962-3812803MPA	G	12/13/2017		(NONE)		MX584S (GEN)		785

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-3812804M2C	G	12/13/2017		(NONE)			MX584T (GEN)	785
5962-3812804MGC	G	12/13/2017		(NONE)			MX584T (GEN)	785
5962-3812804MPA	G	12/13/2017		(NONE)			MX584T (GEN)	785
5962L3812805VGA	G	12/13/2017	3	ANALOG (4)		Y	AD584TH/QMLL	785
5962-3826701MTA	L	10/20/2016		(NONE)	09/15/2017		28C010-25 (GEN)	669
5962-3826701MUA	L	10/20/2016	2	ATMEL			AT28C010-25EM/883	669
5962-3826701MWC	L	10/20/2016		(NONE)	09/09/1999		28C010-25 (GEN)	669
5962-3826701MXA	L	10/20/2016	2	ATMEL			AT28C010-25DM/883	669
5962-3826701MYA	L	10/20/2016		(NONE)	03/01/2017		28C010-25 (GEN)	669
5962-3826701MZA	L	10/20/2016	2	ATMEL			AT28C010-25FM/883	669
5962-3826702MWA	L	10/20/2016		(NONE)			28C010-25 (GEN)	669
5962-3826702MXA	L	10/20/2016		(NONE)			28C010-25 (GEN)	669
5962-3826702MYA	L	10/20/2016		(NONE)			28C010-25 (GEN)	669
5962-3826702MZA	L	10/20/2016		(NONE)			28C010-25 (GEN)	669
5962-3826703MTA	L	10/20/2016		(NONE)	09/15/2017		28C010-20 (GEN)	669
5962-3826703MUA	L	10/20/2016	2	ATMEL			AT28C010-20EM/883	669
5962-3826703MWC	L	10/20/2016		(NONE)	09/09/1999		28C010-20 (GEN)	669
5962-3826703MXA	L	10/20/2016	2	ATMEL			AT28C010-20DM/883	669
5962-3826703MYA	L	10/20/2016		(NONE)	03/01/2017		28C010-20 (GEN)	669
5962-3826703MZA	L	10/20/2016	2	ATMEL			AT28C010-20FM/883	669
5962-3826704MWA	L	10/20/2016		(NONE)			28C010-20 (GEN)	669
5962-3826704MXA	L	10/20/2016		(NONE)			28C010-20 (GEN)	669
5962-3826704MYA	L	10/20/2016		(NONE)			28C010-20 (GEN)	669
5962-3826704MZA	L	10/20/2016		(NONE)			28C010-20 (GEN)	669
5962-3826705MTA	L	10/20/2016		(NONE)	09/15/2017		28C010-15 (GEN)	669
5962-3826705MUA	L	10/20/2016	2	ATMEL			AT28C010-15EM/883	669
5962-3826705MWC	L	10/20/2016		(NONE)	09/09/1999		28C010-15 (GEN)	669
5962-3826705MXA	L	10/20/2016	2	ATMEL			AT28C010-15DM/883	669
5962-3826705MYA	L	10/20/2016		(NONE)	03/01/2017		28C010-15 (GEN)	669
5962-3826705MZA	L	10/20/2016	2	ATMEL			AT28C010-15FM/883	669
5962-3826706MWA	L	10/20/2016		(NONE)			28C010-15 (GEN)	669
5962-3826706MXA	L	10/20/2016		(NONE)			28C010-15 (GEN)	669
5962-3826706MYA	L	10/20/2016		(NONE)			28C010-15 (GEN)	669
5962-3826706MZA	L	10/20/2016		(NONE)			28C010-15 (GEN)	669
5962-3826707MTA	L	10/20/2016		(NONE)	09/15/2017		28C010-12 (GEN)	669
5962-3826707MUA	L	10/20/2016	2	ATMEL			AT28C010-12EM/883	669
5962-3826707MWC	L	10/20/2016		(NONE)	09/09/1999		28C010-12 (GEN)	669
5962-3826707MXA	L	10/20/2016	2	ATMEL			AT28C010-12DM/883	669
5962-3826707MYA	L	10/20/2016		(NONE)	03/01/2017		28C010-12 (GEN)	669
5962-3826707MZA	L	10/20/2016	2	ATMEL			AT28C010-12FM/883	669
5962-3826716Q6C	L	10/20/2016	1	DDC (1)		Y	28C010TRPFB-25	669
5962-3826716V6C	L	10/20/2016	1	DDC (1)		Y	28C010TRPFS-25	669
5962-3826716Q7C	L	10/20/2016	1	DDC (1)		Y	28C011TRPFB-25	669
5962-3826716V7C	L	10/20/2016	1	DDC (1)		Y	28C011TRPFS-25	669
5962-3826716QMA	L	10/20/2016	1	MICROSS		Y	AS58C1001F-25/883C	669
5962-3826716QMC	L	10/20/2016	1	DDC (1)		Y	28C010TFB-25	669
5962-3826716VMC	L	10/20/2016	1	DDC (1)		Y	28C010TFS-25	669
5962-3826716QNA	L	10/20/2016	1	MICROSS		Y	AS58C1001SF-25/883C	669
5962-3826716QUA	L	10/20/2016	1	MICROSS		Y	AS58C1001ECA-25/883C	669

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-3826717Q6C	L	10/20/2016	1	DDC (1)		Y 28C010TRPFB-20		669
5962-3826717V6C	L	10/20/2016	1	DDC (1)		Y 28C010TRPFS-20		669
5962-3826717Q7C	L	10/20/2016	1	DDC (1)		Y 28C011TRPFB-20		669
5962-3826717V7C	L	10/20/2016	1	DDC (1)		Y 28C011TRPFS-20		669
5962-3826717QMA	L	10/20/2016	1	MICROSS		Y AS58C1001F-20/883C		669
5962-3826717QMC	L	10/20/2016	1	DDC (1)		Y 28C010TFB-20		669
5962-3826717VMC	L	10/20/2016	1	DDC (1)		Y 28C010TFS-20		669
5962-3826717QNA	L	10/20/2016	1	MICROSS		Y AS58C1001SF-20/883C		669
5962-3826717QUA	L	10/20/2016	1	MICROSS		Y AS58C1001ECA-20/883C		669
5962-3826718Q6C	L	10/20/2016	1	DDC (1)		Y 28C010TRPFB-15		669
5962-3826718V6C	L	10/20/2016	1	DDC (1)		Y 28C010TRPFS-15		669
5962-3826718Q7C	L	10/20/2016	1	DDC (1)		Y 28C011TRPFB-15		669
5962-3826718V7C	L	10/20/2016	1	DDC (1)		Y 28C011TRPFS-15		669
5962-3826718QMA	L	10/20/2016	1	MICROSS		Y AS58C1001F-15/883C		669
5962-3826718QMC	L	10/20/2016	1	DDC (1)		Y 28C010TFB-15		669
5962-3826718VMC	L	10/20/2016	1	DDC (1)		Y 28C010TFS-15		669
5962-3826718QNA	L	10/20/2016	1	MICROSS		Y AS58C1001SF-15/883C		669
5962-3826718QUA	L	10/20/2016	1	MICROSS		Y AS58C1001ECA-15/883C		669
5962-3826719Q6C	L	10/20/2016	1	DDC (1)		Y 28C010TRPFB-12		669
5962-3826719V6C	L	10/20/2016	1	DDC (1)		Y 28C010TRPFS-12		669
5962-3826719Q7C	L	10/20/2016	1	DDC (1)		Y 28C011TRPFB-12		669
5962-3826719V7C	L	10/20/2016	1	DDC (1)		Y 28C011TRPFS-12		669
5962-3826719QMC	L	10/20/2016	1	DDC (1)		Y 28C010TFBS-12		669
5962-3826719VMC	L	10/20/2016	1	DDC (1)		Y 28C010TFS-12		669
5962-3829401MMA	K	05/02/2016	1	PYRAMID		Y P4C164-150FMB		620
5962-3829401MTA	K	05/02/2016		(NONE)		7164150 (GEN)		620
5962-3829401MUA	K	05/02/2016	1	PYRAMID		Y P4C164-150L28MB		620
5962-3829401MXA	K	05/02/2016	1	PYRAMID		Y P4C164-150CWMB		620
5962-3829401MYA	K	05/02/2016	1	PYRAMID		Y P4C164-150L32MB		620
5962-3829401MZA	K	05/02/2016	1	PYRAMID		Y P4C164-150DMB		620
5962-3829402MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-120FMB		620
5962-3829402MTA	K	05/02/2016		(NONE)		7164120 (GEN)		620
5962-3829402MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-120L28MB		620
5962-3829402MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-120CWMB		620
5962-3829402MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-120L32MB		620
5962-3829402MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-120DMB		620
5962-3829403MMA	K	05/02/2016	1	PYRAMID		Y P4C164-120FMB		620
5962-3829403MTA	K	05/02/2016		(NONE)		7164120 (GEN)		620
5962-3829403MUA	K	05/02/2016	1	PYRAMID		Y P4C164-120L28MB		620
5962-3829403MXA	K	05/02/2016	1	PYRAMID		Y P4C164-120CWMB		620
5962-3829403MYA	K	05/02/2016	1	PYRAMID		Y P4C164-120L32MB		620
5962-3829403MZA	K	05/02/2016	1	PYRAMID		Y P4C164-120DMB		620
5962-3829404MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-100FMB		620
5962-3829404MTA	K	05/02/2016		(NONE)		7164100 (GEN)		620
5962-3829404MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-100L28MB		620
5962-3829404MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-100CWMB		620
5962-3829404MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-100L32MB		620
5962-3829404MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-100DMB		620
5962-3829405MMA	K	05/02/2016	1	PYRAMID		Y P4C164-100FMB		620

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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-3829405MTA	K	05/02/2016		(NONE)			7164100 (GEN)	620
5962-3829405MUA	K	05/02/2016	1	PYRAMID		Y	P4C164-100L28MB	620
5962-3829405MXA	K	05/02/2016	1	PYRAMID		Y	P4C164-100CWMB	620
5962-3829405MYA	K	05/02/2016	1	PYRAMID		Y	P4C164-100L32MB	620
5962-3829405MZA	K	05/02/2016	1	PYRAMID		Y	P4C164-100DMB	620
5962-3829406MMA	K	05/02/2016		(NONE)			5C6408-70 (GEN)	620
5962-3829406MMA	K	05/02/2016	1	PYRAMID		Y	P4C164L-70FMB	620
5962-3829406MTA	K	05/02/2016		(NONE)	01/01/1999		7164L70 (GEN)	620
5962-3829406MUA	K	05/02/2016		(NONE)			5C6408-70 (GEN)	620
5962-3829406MUA	K	05/02/2016	1	PYRAMID		Y	P4C164L-70L28MB	620
5962-3829406MXA	K	05/02/2016		IDT		Y	IDT7164L70DB	620
5962-3829406MXA	K	05/02/2016	1	PYRAMID		Y	P4C164L-70CWMB	620
5962-3829406MYA	K	05/02/2016	1	PYRAMID		Y	P4C164L-70L32MB	620
5962-3829406MZA	K	05/02/2016		IDT		Y	IDT7164L70TDB	620
5962-3829406MZA	K	05/02/2016	1	PYRAMID		Y	P4164L-70DMB	620
5962-3829407MMA	K	05/02/2016	1	PYRAMID		Y	P4C164-70FSMB	620
5962-3829407MTA	K	05/02/2016	1	PYRAMID		Y	P4C164-70FMB	620
5962-3829407MUA	K	05/02/2016	1	PYRAMID		Y	P4C164-70LSMB	620
5962-3829407MXA	K	05/02/2016		IDT		Y	IDT7164S70DB	620
5962-3829407MXA	K	05/02/2016	1	PYRAMID		Y	P4C164-70DWMB	620
5962-3829407MYA	K	05/02/2016	1	PYRAMID		Y	P4C164-70L32MB	620
5962-3829407MZA	K	05/02/2016		IDT		Y	IDT7164S70TDB	620
5962-3829407MZA	K	05/02/2016	1	PYRAMID		Y	P4C164-70DMB	620
5962-3829408MMA	K	05/02/2016	1	PYRAMID		Y	P4C164L-55FSMB	620
5962-3829408MTA	K	05/02/2016	1	PYRAMID		Y	P4C164L-55FMB	620
5962-3829408MUA	K	05/02/2016	1	PYRAMID		Y	P4C164L-55LSMB	620
5962-3829408MXA	K	05/02/2016		IDT		Y	IDT7164L55DB	620
5962-3829408MXA	K	05/02/2016	1	PYRAMID		Y	P4C164L-55DWMB	620
5962-3829408MYA	K	05/02/2016	1	PYRAMID		Y	P4C164L-55L32MB	620
5962-3829408MZA	K	05/02/2016		IDT		Y	IDT7164L55TDB	620
5962-3829408MZA	K	05/02/2016	1	PYRAMID		Y	P4C164L-55DMB	620
5962-3829409MMA	K	05/02/2016	1	PYRAMID		Y	P4C164-55FSMB	620
5962-3829409MTA	K	05/02/2016	1	PYRAMID		Y	P4C164-55FMB	620
5962-3829409MUA	K	05/02/2016		(NONE)			5C6408-55 (GEN)	620
5962-3829409MUA	K	05/02/2016	1	PYRAMID		Y	P4C164-55LSMB	620
5962-3829409MXA	K	05/02/2016		IDT		Y	IDT7164S55DB	620
5962-3829409MXA	K	05/02/2016	1	PYRAMID		Y	P4C164-55DWMB	620
5962-3829409MYA	K	05/02/2016	1	PYRAMID		Y	P4C164-55L32MB	620
5962-3829409MZA	K	05/02/2016		IDT		Y	IDT7164S55TDB	620
5962-3829409MZA	K	05/02/2016	1	PYRAMID		Y	P4C164-55DMB	620
5962-3829410MMA	K	05/02/2016	1	PYRAMID		Y	P4C164L-45FSMB	620
5962-3829410MTA	K	05/02/2016	1	PYRAMID		Y	P4C164L-45FMB	620
5962-3829410MUA	K	05/02/2016	1	PYRAMID		Y	P4C164L-45LSMB	620
5962-3829410MXA	K	05/02/2016		IDT		Y	IDT7164L45DB	620
5962-3829410MXA	K	05/02/2016	1	PYRAMID		Y	P4C164L-45DWMB	620
5962-3829410MYA	K	05/02/2016	1	PYRAMID		Y	P4C164L-45L32MB	620
5962-3829410MZA	K	05/02/2016		IDT		Y	IDT7164L45TDB	620
5962-3829410MZA	K	05/02/2016	1	PYRAMID		Y	P4C164L-45DMB	620
5962-3829411MMA	K	05/02/2016	1	PYRAMID		Y	P4C164-45FSMB	620



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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-3829411MTA	K	05/02/2016	1	PYRAMID		Y P4C164-45FMB		620
5962-3829411MUA	K	05/02/2016	1	PYRAMID		Y P4C164-45LSMB		620
5962-3829411MXA	K	05/02/2016		IDT		Y IDT7164S45DB		620
5962-3829411MXA	K	05/02/2016	1	PYRAMID		Y P4C164-45DWMB		620
5962-3829411MYA	K	05/02/2016	1	PYRAMID		Y P4C164-45L32MB		620
5962-3829411MZA	K	05/02/2016		IDT		Y IDT7164S45TDB		620
5962-3829411MZA	K	05/02/2016	1	PYRAMID		Y P4C164-45DMB		620
5962-3829412MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-35FSMB		620
5962-3829412MTA	K	05/02/2016	1	PYRAMID		Y P4C164L-35FMB		620
5962-3829412MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-35LSMB		620
5962-3829412MXA	K	05/02/2016		IDT		Y IDT7164L35DB		620
5962-3829412MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-35DWMB		620
5962-3829412MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-35L32MB		620
5962-3829412MZA	K	05/02/2016		IDT		Y IDT7164L35TDB		620
5962-3829412MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-35DMB		620
5962-3829413MMA	K	05/02/2016	1	PYRAMID		Y P4C164-35FSMB		620
5962-3829413MTA	K	05/02/2016	1	PYRAMID		Y P4C164-35FMB		620
5962-3829413MUA	K	05/02/2016	1	PYRAMID		Y P4C164-35LSMB		620
5962-3829413MXA	K	05/02/2016		IDT		Y IDT7164S35DB		620
5962-3829413MXA	K	05/02/2016	1	PYRAMID		Y P4C164-35DWMB		620
5962-3829413MYA	K	05/02/2016	1	PYRAMID		Y P4C164-35L32MB		620
5962-3829413MZA	K	05/02/2016		IDT		Y IDT7164S35TDB		620
5962-3829413MZA	K	05/02/2016	1	PYRAMID		Y P4C164-35DMB		620
5962-3829414MMA	K	05/02/2016	1	PYRAMID		Y P4C164-25FSMB		620
5962-3829414MTA	K	05/02/2016	1	PYRAMID		Y P4C164L-25FMB		620
5962-3829414MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-25LSMB		620
5962-3829414MXA	K	05/02/2016		IDT		Y IDT7164L25DB		620
5962-3829414MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-25DWMB		620
5962-3829414MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-25L32MB		620
5962-3829414MZA	K	05/02/2016		IDT		Y IDT7164L25TDB		620
5962-3829414MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-25DMB		620
5962-3829415MMA	K	05/02/2016	1	PYRAMID		Y P4C164-25FSMB		620
5962-3829415MTA	K	05/02/2016	1	PYRAMID		Y P4C164-25FMB		620
5962-3829415MUA	K	05/02/2016	1	PYRAMID		Y P4C164-25LSMB		620
5962-3829415MXA	K	05/02/2016		IDT		Y IDT7164S25DB		620
5962-3829415MXA	K	05/02/2016	1	PYRAMID		Y P4C164-25DWMB		620
5962-3829415MYA	K	05/02/2016	1	PYRAMID		Y P4C164-25L32MB		620
5962-3829415MZA	K	05/02/2016		IDT		Y IDT7164S25TDB		620
5962-3829415MZA	K	05/02/2016	1	PYRAMID		Y P4C164-25DMB		620
5962-3829416MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-20FSMB		620
5962-3829416MTA	K	05/02/2016	1	PYRAMID		Y P4C164L-20FMB		620
5962-3829416MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-20LSMB		620
5962-3829416MXA	K	05/02/2016		IDT		Y IDT7164L20DB		620
5962-3829416MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-20DWMB		620
5962-3829416MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-20L32MB		620
5962-3829416MZA	K	05/02/2016		IDT		Y IDT7164L20TDB		620
5962-3829416MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-20DMB		620
5962-3829417MMA	K	05/02/2016	1	PYRAMID		Y P4C164-20FSMB		620
5962-3829417MTA	K	05/02/2016	1	PYRAMID		Y P4C164-20FMB		620

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-3829417MUA	K	05/02/2016	1	PYRAMID		Y P4C164-20LSMB		620
5962-3829417MXA	K	05/02/2016		IDT		Y IDT7164S20DB		620
5962-3829417MXA	K	05/02/2016	1	PYRAMID		Y P4C164-20DWMB		620
5962-3829417MYA	K	05/02/2016	1	PYRAMID		Y P4C164-20L32MB		620
5962-3829417MZA	K	05/02/2016		IDT		Y IDT7164S20TDB		620
5962-3829417MZA	K	05/02/2016	1	PYRAMID		Y P4C164-20DMB		620
5962-3829418MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-15FSMB		620
5962-3829418MTA	K	05/02/2016	1	PYRAMID		Y P4C164L-15FMB		620
5962-3829418MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-15LMB		620
5962-3829418MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-15DWMB		620
5962-3829418MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-15L32MB		620
5962-3829418MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-15DMB		620
5962-3829419MMA	K	05/02/2016	1	PYRAMID		Y P4C164-15FSMB		620
5962-3829419MTA	K	05/02/2016	1	PYRAMID		Y P4C164-15FMB		620
5962-3829419MUA	K	05/02/2016	1	PYRAMID		Y P4C164-15LSMB		620
5962-3829419MXA	K	05/02/2016	1	PYRAMID		Y P4C164-15DWMB		620
5962-3829419MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-15L32MB		620
5962-3829419MZA	K	05/02/2016	1	PYRAMID		Y P4C164-15DMB		620
5962-3829420MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-70FMB		620
5962-3829420MTA	K	05/02/2016		(NONE)		7C185-70 (GEN)		620
5962-3829420MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-70L28MB		620
5962-3829420MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-70CMB		620
5962-3829420MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-70L32MB		620
5962-3829420MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-70DMB		620
5962-3829421MMA	K	05/02/2016	1	PYRAMID		Y P4C164-70FMB		620
5962-3829421MTA	K	05/02/2016		(NONE)		7C185-70 (GEN)		620
5962-3829421MUA	K	05/02/2016	1	PYRAMID		Y P4C164-70LMB		620
5962-3829421MXA	K	05/02/2016	1	PYRAMID		Y P4C164-70CMB		620
5962-3829421MYA	K	05/02/2016	1	PYRAMID		Y P4C164-70L32MB		620
5962-3829421MZA	K	05/02/2016	1	PYRAMID		Y P4C164-70DMB		620
5962-3829422MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-55FMB		620
5962-3829422MTA	K	05/02/2016		(NONE)		7C185-55 (GEN)		620
5962-3829422MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-55LMB		620
5962-3829422MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-55CMB		620
5962-3829422MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-55L32MB		620
5962-3829422MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-55DMB		620
5962-3829423MMA	K	05/02/2016	1	PYRAMID		Y P4C164-55FMB		620
5962-3829423MTA	K	05/02/2016		(NONE)		7C185-55 (GEN)		620
5962-3829423MUA	K	05/02/2016	1	PYRAMID		Y P4C164-55LMB		620
5962-3829423MXA	K	05/02/2016	1	PYRAMID		Y P4C164-55CMB		620
5962-3829423MYA	K	05/02/2016	1	PYRAMID		Y P4C164-55L32MB		620
5962-3829423MZA	K	05/02/2016	1	PYRAMID		Y P4C164-55DMB		620
5962-3829424MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-45FMB		620
5962-3829424MTA	K	05/02/2016		(NONE)		7C185-45 (GEN)		620
5962-3829424MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-45LMB		620
5962-3829424MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-45CMB		620
5962-3829424MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-45L32MB		620
5962-3829424MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-45DMB		620
5962-3829425MMA	K	05/02/2016	1	PYRAMID		Y P4C164-45FMB		620

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-3829425MTA	K	05/02/2016		(NONE)		7C185-45 (GEN)		620
5962-3829425MUA	K	05/02/2016	1	PYRAMID		Y P4C164-45LMB		620
5962-3829425MXA	K	05/02/2016	1	PYRAMID		Y P4C164-45CMB		620
5962-3829425MYA	K	05/02/2016	1	PYRAMID		Y P4C164-45L32MB		620
5962-3829425MZA	K	05/02/2016	1	PYRAMID		Y P4C164-45DMB		620
5962-3829426MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-35FMB		620
5962-3829426MTA	K	05/02/2016		(NONE)		7C185-35 (GEN)		620
5962-3829426MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-35LMB		620
5962-3829426MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-35CMB		620
5962-3829426MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-35L32MB		620
5962-3829426MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-35DMB		620
5962-3829427MMA	K	05/02/2016	1	PYRAMID		Y P4C164-35FMB		620
5962-3829427MTA	K	05/02/2016		(NONE)		7C185-35 (GEN)		620
5962-3829427MUA	K	05/02/2016	1	PYRAMID		Y P4C164-35LMB		620
5962-3829427MXA	K	05/02/2016	1	PYRAMID		Y P4C164-35CMB		620
5962-3829427MYA	K	05/02/2016	1	PYRAMID		Y P4C164-35L32MB		620
5962-3829427MZA	K	05/02/2016	1	PYRAMID		Y P4C164-35DMB		620
5962-3829428MMA	K	05/02/2016		(NONE)		5C6408-25 (GEN)		620
5962-3829428MTA	K	05/02/2016	1	PYRAMID		Y P4C164L-25FMB		620
5962-3829428MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-25LMB		620
5962-3829428MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-25CMB		620
5962-3829428MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-25L32MB		620
5962-3829428MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-25DMB		620
5962-3829429MMA	K	05/02/2016	1	PYRAMID		Y P4C164-25FMB		620
5962-3829429MTA	K	05/02/2016		(NONE)		7C185-25 (GEN)		620
5962-3829429MUA	K	05/02/2016	1	PYRAMID		Y P4C164-25LMB		620
5962-3829429MXA	K	05/02/2016	1	PYRAMID		Y P4C164-25CMB		620
5962-3829429MYA	K	05/02/2016	1	PYRAMID		Y P4C164-25L32MB		620
5962-3829429MZA	K	05/02/2016	1	PYRAMID		Y P4C164-25DMB		620
5962-3829430MMA	K	05/02/2016	1	PYRAMID		Y P4C164-20FMB		620
5962-3829430MTA	K	05/02/2016		(NONE)		7C185-20 (GEN)		620
5962-3829430MUA	K	05/02/2016	1	PYRAMID		Y P4C164-20LMB		620
5962-3829430MXA	K	05/02/2016	1	PYRAMID		Y P4C164-20CMB		620
5962-3829430MYA	K	05/02/2016	1	PYRAMID		Y P4C164-20L32MB		620
5962-3829430MZA	K	05/02/2016	1	PYRAMID		Y P4C164-20DMB		620
5962-3829431MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-100FMB		620
5962-3829431MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-100L28MB		620
5962-3829431MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-100CWMB		620
5962-3829431MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-100L32MB		620
5962-3829431MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-100DMB		620
5962-3829432MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-70FMB		620
5962-3829432MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-70L28MB		620
5962-3829432MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-70CWMB		620
5962-3829432MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-70L32MB		620
5962-3829432MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-70DMB		620
5962-3829433MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-55FSMB		620
5962-3829433MTA	K	05/02/2016	1	PYRAMID		Y P4C164L-55FMB		620
5962-3829433MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-55LSMB		620
5962-3829433MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-55DWMB		620

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-3829433MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-55L32MB		620
5962-3829433MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-55DMB		620
5962-3829434MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-45FSMB		620
5962-3829434MTA	K	05/02/2016	1	PYRAMID		Y P4C164L-45FMB		620
5962-3829434MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-45LSMB		620
5962-3829434MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-45DWMB		620
5962-3829434MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-45L32MB		620
5962-3829434MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-45DMB		620
5962-3829435MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-85FMB		620
5962H3829435BNA	K	05/02/2016		(NONE)	12/31/2007	UT6716485 (GEN)		620
5962H3829435SNA	K	05/02/2016		(NONE)	12/31/2007	UT6716485 (GEN)		620
5962-3829435MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-85L28MB		620
5962-3829435MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-85CWMB		620
5962H3829435BXA	K	05/02/2016		(NONE)	12/31/2007	UT6716485 (GEN)		620
5962H3829435SXA	K	05/02/2016		(NONE)	12/31/2007	UT6716485 (GEN)		620
5962-3829435MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-85L32MB		620
5962-3829435MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-85DMB		620
5962-3829436MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-70FMB		620
5962H3829436BNA	K	05/02/2016		(NONE)	12/31/2007	UT6716470 (GEN)		620
5962H3829436SNA	K	05/02/2016		(NONE)	12/31/2007	UT6716470 (GEN)		620
5962-3829436MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-70L28MB		620
5962-3829436MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-70CWMB		620
5962H3829436BXA	K	05/02/2016		(NONE)	12/31/2007	UT6716470 (GEN)		620
5962H3829436SXA	K	05/02/2016		(NONE)	12/31/2007	UT6716470 (GEN)		620
5962-3829436MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-70L32MB		620
5962-3829436MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-70DMB		620
5962-3829437MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-55FMB		620
5962H3829437BNA	K	05/02/2016		(NONE)		UT6716455 (GEN)		620
5962H3829437SNA	K	05/02/2016		(NONE)		UT6716455 (GEN)		620
5962-3829437MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-55L28MB		620
5962-3829437MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-55CWMB		620
5962H3829437BXA	K	05/02/2016		(NONE)		UT6716455 (GEN)		620
5962H3829437SXA	K	05/02/2016		(NONE)		UT6716455 (GEN)		620
5962-3829437MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-55L32MB		620
5962-3829437MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-55DMB		620
5962H3829438Q9C	K	05/02/2016		(NONE)		HC6364/1 (GEN)		620
5962H3829438V9C	K	05/02/2016		(NONE)		HC6364/1 (GEN)		620
5962H3829440Q9C	K	05/02/2016		(NONE)		HC6364/1 (GEN)		620
5962H3829440V9C	K	05/02/2016		(NONE)		HC6364/1 (GEN)		620
5962H3829442Q9C	K	05/02/2016		(NONE)		HC6364/1 (GEN)		620
5962H3829442V9C	K	05/02/2016		(NONE)		HC6364/1 (GEN)		620
5962H3829443Q9C	K	05/02/2016		(NONE)		HC6364/1 (GEN)		620
5962H3829443V9C	K	05/02/2016		(NONE)		HC6364/1 (GEN)		620
5962H3829444Q8A	K	05/02/2016		(NONE)				620
5962H3829444V8A	K	05/02/2016		(NONE)				620
5962H3829444Q9C	K	05/02/2016		(NONE)	12/20/2001	LOR6408C-55 (GEN)		620
5962H3829444V9C	K	05/02/2016		(NONE)	12/20/2001	LOR6408C-55 (GEN)		620
5962-3829444QMA	K	05/02/2016	1	PYRAMID		Y P4C164-55FSMB		620
5962-3829444QUA	K	05/02/2016	1	PYRAMID		Y P4C164-55LSMB		620

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-3829444QXA	K	05/02/2016	1	PYRAMID		Y P4C164-55DWMB		620
5962-3829444QYA	K	05/02/2016	1	PYRAMID		Y P4C164-55L32MB		620
5962-3829444QZA	K	05/02/2016	1	PYRAMID		Y P4C164-55DMB		620
5962H3829445Q9C	K	05/02/2016		(NONE)		HC6364/2 (GEN)		620
5962H3829445V9C	K	05/02/2016		(NONE)		HC6364/2 (GEN)		620
5962-3829446MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-12FSMB		620
5962-3829446MTA	K	05/02/2016	1	PYRAMID		Y P4C164L-12FMB		620
5962-3829446MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-12LSMB		620
5962-3829446MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-12CMB		620
5962-3829446MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-12L32MB		620
5962-3829446MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-12DMB		620
5962-3829447MMA	K	05/02/2016	1	PYRAMID		Y P4C164-12FSMB		620
5962-3829447MTA	K	05/02/2016	1	PYRAMID		Y P4C164-12FMB		620
5962-3829447MUA	K	05/02/2016	1	PYRAMID		Y P4C164-12LSMB		620
5962-3829447MXA	K	05/02/2016	1	PYRAMID		Y P4C164-12CMB		620
5962-3829447MYA	K	05/02/2016	1	PYRAMID		Y P4C164-12L32MB		620
5962-3829447MZA	K	05/02/2016	1	PYRAMID		Y P4C164-12DMB		620
5962-3829448MMA	K	05/02/2016	1	PYRAMID		Y P4C164-70FSMB		620
5962-3829448MTA	K	05/02/2016	1	PYRAMID		Y P4C164-70FMB		620
5962-3829448MUA	K	05/02/2016	1	PYRAMID		Y P4C164-70LSMB		620
5962-3829448MXA	K	05/02/2016	1	PYRAMID		Y P4C164-70DWMB		620
5962-3829448MYA	K	05/02/2016	1	PYRAMID		Y P4C164-70L32MB		620
5962-3829448MZA	K	05/02/2016	1	PYRAMID		Y P4C164-70DMB		620
5962-3829449MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-55FSMB		620
5962-3829449MTA	K	05/02/2016	1	PYRAMID		Y P4C164L-55FMB		620
5962-3829449MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-55LSMB		620
5962-3829449MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-55DWMB		620
5962-3829449MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-55L32MB		620
5962-3829449MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-55DMB		620
5962-3829450MMA	K	05/02/2016	1	PYRAMID		Y P4C164-55FSMB		620
5962-3829450MTA	K	05/02/2016	1	PYRAMID		Y P4C164-55FMB		620
5962-3829450MUA	K	05/02/2016	1	PYRAMID		Y P4C164-55LSMB		620
5962-3829450MXA	K	05/02/2016	1	PYRAMID		Y P4C164-55DWMB		620
5962-3829450MYA	K	05/02/2016	1	PYRAMID		Y P4C164-55L32MB		620
5962-3829450MZA	K	05/02/2016	1	PYRAMID		Y P4C164-55DMB		620
5962-3829451MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-45FSMB		620
5962-3829451MTA	K	05/02/2016	1	PYRAMID		Y P4C164L-45FMB		620
5962-3829451MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-45LSMB		620
5962-3829451MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-45DWMB		620
5962-3829451MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-45L32MB		620
5962-3829451MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-45DMB		620
5962-3829452MMA	K	05/02/2016	1	PYRAMID		Y P4C164-45FSMB		620
5962-3829452MTA	K	05/02/2016	1	PYRAMID		Y P4C164-45FMB		620
5962-3829452MUA	K	05/02/2016	1	PYRAMID		Y P4C164-45LSMB		620
5962-3829452MXA	K	05/02/2016	1	PYRAMID		Y P4C164-45DWMB		620
5962-3829452MYA	K	05/02/2016	1	PYRAMID		Y P4C164-45L32MB		620
5962-3829452MZA	K	05/02/2016	1	PYRAMID		Y P4C164-45DMB		620
5962-3829453MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-35FSMB		620
5962-3829453MTA	K	05/02/2016	1	PYRAMID		Y P4C164L-35FMB		620



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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-3829453MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-35LSMB		620
5962-3829453MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-35DWMB		620
5962-3829453MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-35L32MB		620
5962-3829453MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-35DMB		620
5962-3829454MMA	K	05/02/2016	1	PYRAMID		Y P4C164-35FSMB		620
5962-3829454MTA	K	05/02/2016	1	PYRAMID		Y P4C164-35FMB		620
5962-3829454MUA	K	05/02/2016	1	PYRAMID		Y P4C164-35LSMB		620
5962-3829454MXA	K	05/02/2016	1	PYRAMID		Y P4C164-35DWMB		620
5962-3829454MYA	K	05/02/2016	1	PYRAMID		Y P4C164-35L32MB		620
5962-3829454MZA	K	05/02/2016	1	PYRAMID		Y P4C164-35DMB		620
5962-3829455MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-25FSMB		620
5962-3829455MTA	K	05/02/2016	1	PYRAMID		Y P4C164L-25FMB		620
5962-3829455MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-25LSMB		620
5962-3829455MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-25DWMB		620
5962-3829455MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-25L32MB		620
5962-3829455MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-25DMB		620
5962-3829456MMA	K	05/02/2016	1	PYRAMID		Y P4C164-25FSMB		620
5962-3829456MTA	K	05/02/2016	1	PYRAMID		Y P4C164-25FMB		620
5962-3829456MUA	K	05/02/2016	1	PYRAMID		Y P4C164-25LSMB		620
5962-3829456MXA	K	05/02/2016	1	PYRAMID		Y P4C164-25DWMB		620
5962-3829456MYA	K	05/02/2016	1	PYRAMID		Y P4C164-25L32MB		620
5962-3829456MZA	K	05/02/2016	1	PYRAMID		Y P4C164-25DMB		620
5962-3829457MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-20FSMB		620
5962-3829457MTA	K	05/02/2016	1	PYRAMID		Y P4C164L-20FMB		620
5962-3829457MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-20LSMB		620
5962-3829457MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-20DWMB		620
5962-3829457MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-20L32MB		620
5962-3829457MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-20DMB		620
5962-3829458MMA	K	05/02/2016	1	PYRAMID		Y P4C164-20FSMB		620
5962-3829458MTA	K	05/02/2016	1	PYRAMID		Y P4C164-20FMB		620
5962-3829458MUA	K	05/02/2016	1	PYRAMID		Y P4C164-20LSMB		620
5962-3829458MXA	K	05/02/2016	1	PYRAMID		Y P4C164-20DWMB		620
5962-3829458MYA	K	05/02/2016	1	PYRAMID		Y P4C164-20L32MB		620
5962-3829458MZA	K	05/02/2016	1	PYRAMID		Y P4C164-20DMB		620
5962-3829459MMA	K	05/02/2016	1	PYRAMID		Y P4C164-70FMB		620
5962-3829459MUA	K	05/02/2016	1	PYRAMID		Y P4C164-70LMB		620
5962-3829459MXA	K	05/02/2016	1	PYRAMID		Y P4C164-70CMB		620
5962-3829459MYA	K	05/02/2016	1	PYRAMID		Y P4C164-70L32MB		620
5962-3829459MZA	K	05/02/2016	1	PYRAMID		Y P4C164-70DMB		620
5962-3829460MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-55FMB		620
5962-3829460MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-55LMB		620
5962-3829460MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-55CMB		620
5962-3829460MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-55L32MB		620
5962-3829460MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-55DMB		620
5962-3829461MMA	K	05/02/2016	1	PYRAMID		Y P4C164-55FMB		620
5962-3829461MUA	K	05/02/2016	1	PYRAMID		Y P4C164-55LMB		620
5962-3829461MXA	K	05/02/2016	1	PYRAMID		Y P4C164-55CMB		620
5962-3829461MYA	K	05/02/2016	1	PYRAMID		Y P4C164-55L32MB		620
5962-3829461MZA	K	05/02/2016	1	PYRAMID		Y P4C164-55DMB		620

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-3829462MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-45FMB		620
5962-3829462MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-45LMB		620
5962-3829462MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-45CMB		620
5962-3829462MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-45L32MB		620
5962-3829462MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-45DMB		620
5962-3829463MMA	K	05/02/2016	1	PYRAMID		Y P4C164-45FMB		620
5962-3829463MUA	K	05/02/2016	1	PYRAMID		Y P4C164-45LMB		620
5962-3829463MXA	K	05/02/2016	1	PYRAMID		Y P4C164-45CMB		620
5962-3829463MYA	K	05/02/2016	1	PYRAMID		Y P4C164-45L32MB		620
5962-3829463MZA	K	05/02/2016	1	PYRAMID		Y P4C164-45DMB		620
5962-3829464MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-35FMB		620
5962-3829464MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-35LMB		620
5962-3829464MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-35CMB		620
5962-3829464MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-35L32MB		620
5962-3829464MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-35DMB		620
5962-3829465MMA	K	05/02/2016	1	PYRAMID		Y P4C164-35FMB		620
5962-3829465MUA	K	05/02/2016	1	PYRAMID		Y P4C164-35LMB		620
5962-3829465MXA	K	05/02/2016	1	PYRAMID		Y P4C164-35CMB		620
5962-3829465MYA	K	05/02/2016	1	PYRAMID		Y P4C164-35L32MB		620
5962-3829465MZA	K	05/02/2016	1	PYRAMID		Y P4C164-35DMB		620
5962-3829466MMA	K	05/02/2016	1	PYRAMID		Y P4C164L-25FMB		620
5962-3829466MUA	K	05/02/2016	1	PYRAMID		Y P4C164L-25LMB		620
5962-3829466MXA	K	05/02/2016	1	PYRAMID		Y P4C164L-25CMB		620
5962-3829466MYA	K	05/02/2016	1	PYRAMID		Y P4C164L-25L32MB		620
5962-3829466MZA	K	05/02/2016	1	PYRAMID		Y P4C164L-25DMB		620
5962-3829467MMA	K	05/02/2016	1	PYRAMID		Y P4C164-25FMB		620
5962-3829467MUA	K	05/02/2016	1	PYRAMID		Y P4C164-25LMB		620
5962-3829467MXA	K	05/02/2016	1	PYRAMID		Y P4C164-25CMB		620
5962-3829467MYA	K	05/02/2016	1	PYRAMID		Y P4C164-25L32MB		620
5962-3829467MZA	K	05/02/2016	1	PYRAMID		Y P4C164-25DMB		620
5962-3829468MMA	K	05/02/2016	1	PYRAMID		Y P4C164-20FMB		620
5962-3829468MUA	K	05/02/2016	1	PYRAMID		Y P4C164-20LMB		620
5962-3829468MXA	K	05/02/2016	1	PYRAMID		Y P4C164-20CMB		620
5962-3829468MYA	K	05/02/2016	1	PYRAMID		Y P4C164-20L32MB		620
5962-3829468MZA	K	05/02/2016	1	PYRAMID		Y P4C164-20DMB		620
5962-3848001MQA		06/17/1993		(NONE)		Z08400 (GEN)		402
5962-3848001MXA		06/17/1993		(NONE)		Z08400 (GEN)		402
5962-3848001MYA		06/17/1993		(NONE)		Z08400 (GEN)		402
5962-3848002MQA		06/17/1993		(NONE)		Z08400 (GEN)		402
5962-3848002MXA		06/17/1993		(NONE)		Z08400 (GEN)		402
5962-3848002MYA		06/17/1993		(NONE)		Z08400 (GEN)		402
5962-3848003MQA		06/17/1993		(NONE)		Z08400 (GEN)		402
5962-3848003MXA		06/17/1993		(NONE)		Z08400 (GEN)		402
5962-3848003MYA		06/17/1993		(NONE)		Z08400 (GEN)		402
5962-3870501M2A	F	02/09/2010		(NONE)	12/01/2009	LP2951 (GEN)		789
5962-3870501S2A	F	02/09/2010		(NONE)	12/01/2009	LP2951 (GEN)		789
5962-3870501BGA	F	02/09/2010		(NONE)	03/09/1999	LP295 (GEN)		789
5962-3870501MGA	F	02/09/2010		(NONE)	03/09/1999	LP2951 (GEN)		789
5962-3870501SGA	F	02/09/2010		(NONE)	03/09/1999	LP2951 (GEN)		789

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## SECTION 1, MICROCIRCUITS

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-3870501BPA	F	02/09/2010	1	TI		Y LP2951J		789
5962-3870501MPA	F	02/09/2010		(NONE)	12/03/2008	LP2951 (GEN)		789
5962-3870501SPA	F	02/09/2010		(NONE)	12/03/2008	LP2951 (GEN)		789
5962-3870501MXA	F	02/09/2010		(NONE)	12/01/2009	LP2951 (GEN)		789
5962-3870701MGC	D	12/13/2017		(NONE)	05/18/2010	MAX1044 (GEN)		594
5962-3870701MPA	D	12/13/2017		(NONE)	08/23/2014	MAX1044 (GEN)		594
5962-3870702MGC	D	12/13/2017		(NONE)	05/18/2010	ICL7660 (GEN)		789
5962-3870702MPA	D	12/13/2017	1	MAXIM INTEG.		ICL7660AMJA/883B		789
76002012A	J	03/23/2017	1	LANSDALE		Y SL54LS157/B2A		275
76002012A	J	03/23/2017		TI		Y SNJ54LS157FK		275
76002012C	J	03/23/2017	1	LANSDALE		Y SL54LS157/B2C		275
7600201EA	J	03/23/2017	1	LANSDALE		Y SL54LS157/BEA		275
7600201EA	J	03/23/2017	1	TI		Y SNJ54LS157J		275
7600201FA	J	03/23/2017	1	LANSDALE		Y SL54LS157/BFA		275
7600201FA	J	03/23/2017		TI		Y SNJ54LS157W		275
76003012A	G	10/17/2007		(NONE)		54LS122 (GEN)		165
7600301CA	G	10/17/2007		(NONE)	09/30/1995	54LS122 (GEN)		165
7600301DA	G	10/17/2007		(NONE)		54LS122 (GEN)		165
7600401CA	J	03/25/2015	1	TI		Y SNJ54LS132J		109
7600401DA	J	03/25/2015	1	TI		Y SNJ54LS132W		109
76005012A	H	03/25/2015	1	LANSDALE		Y SL54LS138/B2A		282
76005012A	H	03/25/2015	1	TI		Y SNJ54LS138FK		282
76005012C	H	03/25/2015	1	LANSDALE		Y SL54LS138/B2C		282
7600501EA	H	03/25/2015	1	LANSDALE		Y SL54LS138/BEA		282
7600501EA	H	03/25/2015	1	TI		Y SNJ54LS138J		282
7600501FA	H	03/25/2015	1	LANSDALE		Y SL54LS138/BFA		282
7600501FA	H	03/25/2015	1	TI		Y SNJ54LS138W		282
76006012A	L	08/11/2017		TI		Y SNJ54LS193FK		304
7600601EA	L	08/11/2017		TI		Y SNJ54LS193J		304
7600601FA	L	08/11/2017		TI		Y SNJ54LS193W		304
76007012A	H	04/12/2018		TI		Y SNJ54LS139AFK		283
7600701EA	H	04/12/2018	1	LANSDALE		Y SL54LS139/BEA		283
7600701EA	H	04/12/2018		TI		Y SNJ54LS139AJ		283
7600701FA	H	04/12/2018	1	LANSDALE		Y SL54LS139/BFA		283
7600701FA	H	04/12/2018		TI		Y SNJ54LS139AW		283
76008012A	M	08/26/2017	1	LANSDALE		Y SL54LS161/B2A		304
76008012A	M	08/26/2017	3	TI		Y SNJ54LS161AFK		304
76008012C	M	08/26/2017	1	LANSDALE		Y SL54LS161/B2C		304
5962-7600801VEA	M	08/26/2017	3	TI		Y SNV54LS161AJ		304
7600801EA	M	08/26/2017	1	LANSDALE		Y SL54LS161/BEA		304
7600801EA	M	08/26/2017	3	TI		Y SNJ54LS161AJ		304
5962-7600801VFA	M	08/26/2017		(NONE)	11/28/2015	54LS161A (GEN)		304
7600801FA	M	08/26/2017	1	LANSDALE		Y SL54LS161/BFA		304
7600801FA	M	08/26/2017	3	TI		Y SNJ54LS161AW		304
76009012A	J	07/14/2017		TI		Y SNJ54LS191EK		304
7600901EA	J	07/14/2017		TI		Y SNJ54LS191J		304
7600901FA	J	07/14/2017		TI		Y SNJ54LS191W		304
76010012A	H	06/09/2017	1	SRI		Y GEM03701B2A		271
76010012A	H	06/09/2017		TI		Y SNJ54LS151FK		271

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
76010012C	H	06/09/2017	1	SRI		Y GEM03701B2C		271
7601001EA	H	06/09/2017	1	SRI		Y GEM03701BEA		271
7601001EA	H	06/09/2017		TI		Y SNJ54LS151J		271
7601001EC	H	06/09/2017	1	SRI		Y GEM03701BEC		271
7601001FA	H	06/09/2017	1	SRI		Y GEM03701BFA		271
7601001FA	H	06/09/2017		TI		Y SNJ54LS151W		271
7601001FC	H	06/09/2017	1	SRI		Y GEM03701BFC		271
76011012A	J	10/13/2017	1	LANSDALE		Y SL54LS153/B2A		273
76011012A	J	10/13/2017		TI		Y SNJ54LS153FK		273
76011012C	J	10/13/2017	1	LANSDALE		Y SL54LS153/B2C		273
7601101EA	J	10/13/2017	1	LANSDALE		Y SL54LS153/BEA		273
7601101EA	J	10/13/2017		TI		Y SNJ54LS153J		273
7601101FA	J	10/13/2017	1	LANSDALE		Y SL54LS153/BFA		273
7601101FA	J	10/13/2017		TI		Y SNJ54LS153W		273
5962-7601201VEA	J	08/17/2017		(NONE)	11/28/2015	54LS75 (GEN)		340
7601201EA	J	08/17/2017	1	LANSDALE		Y SL54LS75/BEA		340
7601201EA	J	08/17/2017	1	TI		Y SNJ54LS75J		340
5962-7601201VFA	J	08/17/2017		(NONE)	11/28/2015	54LS75 (GEN)		340
7601201FA	J	08/17/2017	1	LANSDALE		Y SL54LS75/BFA		340
7601201FA	J	08/17/2017	1	TI		Y SNJ54LS75W		340
76013012A	K	10/20/2017		TI		Y SNJ54LS76AFK		156
7601301EA	K	10/20/2017		TI		Y SNJ54LS76AJ		156
7601301FA	K	10/20/2017		TI		Y SNJ54LS76AW		156
7601401EA	H	09/08/2017	1	LANSDALE		Y SL54LS83A/BEA		202
7601401FA	H	09/08/2017	1	LANSDALE		Y SL54LS83A/BFA		202
7601501CA	J	05/10/2018	0	SRI		Y GEM39901QCA		303
7601501CC	J	05/10/2018	0	SRI		Y GEM39901QCC		303
7601501DA	J	05/10/2018	0	SRI		Y GEM39901QDA		303
7601501DC	J	05/10/2018	0	SRI		Y GEM39901QDC		303
7601601EA	K	06/16/2017	1	LANSDALE		Y SL54LS251/BEA		272
7601601EA	K	06/16/2017		TI		Y SN54LS251J		272
7601601FA	K	06/16/2017	1	LANSDALE		Y SL54LS251/BFA		272
7601601FA	K	06/16/2017		TI		Y SN54LS251W		272
76017012A	J	07/21/2017	1	TI		Y SNJ54LS253FK		274
7601701EA	J	07/21/2017	1	LANSDALE		Y SL54LS253/BEA		274
7601701EA	J	07/21/2017	1	TI		Y SNJ54LS253J		274
7601701FA	J	07/21/2017		(NONE)	11/28/2015	54LS253 (GEN)		274
7601701FA	J	07/21/2017	1	LANSDALE		Y SL54LS253/BFA		274
76018012A	J	06/16/2017		TI		Y SNJ54LS279AFK		340
7601801EA	J	06/16/2017		TI		Y SNJ54LS279AJ		340
7601801FA	J	06/16/2017		TI		Y SNJ54LS279AW		340
7601901EA	J	07/14/2017	1	LANSDALE		Y SL54LS298/BEA		275
7601901EA	J	07/14/2017	1	SRI		Y GEM15201QEA		275
7601901EA	J	07/14/2017	1	TI		Y SNJ54LS298J		275
7601901EC	J	07/14/2017	1	SRI		Y GEM15201QEC		275
7601901FA	J	07/14/2017		(NONE)	11/28/2015	54LS298 (GEN)		275
7601901FA	J	07/14/2017	1	LANSDALE		Y SL54LS298/BFA		275
7601901FA	J	07/14/2017	1	SRI		Y GEM15201QFA		275
7601901FC	J	07/14/2017	1	SRI		Y GEM15201QFC		275

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5962-7602001VCA	J	09/22/2017		(NONE)	11/28/2015		54LS26 (GEN)	510
7602001CA	J	09/22/2017	1	LANSDALE		Y	SL54LS26/BCA	510
7602001CA	J	09/22/2017	1	TI		Y	SNJ54LS26J	510
5962-7602001VDA	J	09/22/2017	1	TI		Y	SNV54LS26W	510
7602001DA	J	09/22/2017	1	LANSDALE		Y	SL54LS26/BDA	510
7602001DA	J	09/22/2017	1	TI		Y	SNJ54LS26W	510
76031012A	D	09/14/2007		(NONE)	09/15/1995		54LS42 (GEN)	281
7603101EA	D	09/14/2007		(NONE)	09/30/1995		54LS42 (GEN)	281
7603101FA	D	09/14/2007		(NONE)	09/15/1995		54LS42 (GEN)	281
76032012A	F	07/28/2017		(NONE)			54LS90 (GEN)	300
7603201AA	F	07/28/2017		(NONE)			54LS90 (GEN)	300
7603201BA	F	07/28/2017		(NONE)			54LS90 (GEN)	300
7603201CA	F	07/28/2017		TI		Y	SNJ54LS90J	300
7603201DA	F	07/28/2017		(NONE)	11/28/2015		54LS90 (GEN)	300
76033012A	F	11/08/2017	1	LANSDALE		Y	SL54LS158/B2A	275
76033012A	F	11/08/2017		TI		Y	SNJ54LS158FK	275
76033012C	F	11/08/2017	1	LANSDALE		Y	SL54LS158/B2C	275
7603301EA	F	11/08/2017	1	LANSDALE		Y	SL54LS158/BEA	275
7603301EA	F	11/08/2017		TI		Y	SNJ54LS158J	275
7603301FA	F	11/08/2017		(NONE)	11/28/2015		54LS158 (GEN)	275
7603301FA	F	11/08/2017	1	LANSDALE		Y	SL54LS158/BFA	275
76034012A	G	11/15/2017	1	LANSDALE		Y	SL54LS163A/B2A	304
76034012C	G	11/15/2017	1	LANSDALE		Y	SL54LS163A/B2C	304
7603401EA	G	11/15/2017	1	LANSDALE		Y	SL54LS163A/BEA	304
7603401EA	G	11/15/2017		TI		Y	SNJ54LS163AJ	304
7603401FA	G	11/15/2017	1	LANSDALE		Y	SL54LS163A/BFA	304
7603401FA	G	11/15/2017		TI		Y	SNJ54LS163AW	304
76035012A	D	10/02/2007		(NONE)	09/15/1995		54LS190 (GEN)	304
7603501EA	D	10/02/2007		(NONE)	09/15/1995		54LS190 (GEN)	304
7603501FA	D	10/02/2007		(NONE)	09/15/1995		54LS190 (GEN)	304
76036012A	F	05/10/2018	1	SRI		Y	GEM051012A	301
76036012C	F	05/10/2018	1	SRI		Y	GEM051012C	301
7603601EA	F	05/10/2018	1	SRI		Y	GEM05101EA	301
7603601EC	F	05/10/2018	1	SRI		Y	GEM05101EC	301
7603601FA	F	05/10/2018	2	SRI		Y	GEM05101FX	301
7603601FC	F	05/10/2018	2	SRI		Y	GEM05101FX	301
5962-7603701VEA	H	05/04/2018		(NONE)	11/28/2015		54LS257B (GEN)	276
7603701EA	H	05/04/2018	3	TI		Y	SNJ54LS257BJ	276
5962-7603701VFA	H	05/04/2018		(NONE)	11/28/2015		54LS257B (GEN)	276
7603701FA	H	05/04/2018	3	TI		Y	SNJ54LS257BW	276
76038012A	F	03/20/2014		(NONE)	11/28/2015		54LS258B (GEN)	276
7603801EA	F	03/20/2014	2	TI		Y	SNJ54LS258BJ	276
7603801FA	F	03/20/2014		(NONE)	11/28/2015		54LS258B (GEN)	276
5962-7603901VEA	H	01/05/2018	1	TI		Y	SNV54LS123J	166
7603901EA	H	01/05/2018	1	TI		Y	SNJ54LS123J	166
5962-7603901VFA	H	01/05/2018	1	TI		Y	SNV54LS123W	166
7603901FA	H	01/05/2018	1	TI		Y	SNJ54LS123W	166
7604001EA	G	02/04/2015	1	LANSDALE		Y	SL54S194/BEA	220
7604001EA	G	02/04/2015	1	TI		Y	SNJ54S194J	220



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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
7604001FA	G	02/04/2015	1	LANSDALE		Y SL54S194/BFA		220
7604001FA	G	02/04/2015	1	TI		Y SNJ54S194W		220
76041012A	J	08/02/2017		(NONE)	11/28/2015	54S138 (GEN)		282
7604101EA	J	08/02/2017		TI		Y SNJ54S138J		282
7604101FA	J	08/02/2017		TI		Y SNJ54S138W		282
76042012A	H	09/20/2017	1	TI		Y SNJ54LS221FK		166
7604201EA	H	09/20/2017	1	TI		Y SNJ54LS221J		166
7604201FA	H	09/20/2017	1	TI		Y SNJ54LS221W		166
76043012A	F	01/10/2018	1	LANSDALE		Y SL54LS283/B2A		202
76043012A	F	01/10/2018		TI		Y SNJ54LS283FK		202
76043012C	F	01/10/2018	1	LANSDALE		Y SL54LS283/B2C		202
5962-7604301VEA	F	01/10/2018	1B	TI		Y SNV54LS283J		202
7604301EA	F	01/10/2018	1	LANSDALE		Y SL54LS283/BEA		202
7604301EA	F	01/10/2018		TI		Y SNJ54LS283J		202
7604301FA	F	01/10/2018	1	LANSDALE		Y SL54LS283/BFA		202
7604301FA	F	01/10/2018		TI		Y SNJ54LS283W		202
7604501EA	F	02/05/2015	1	TI		Y SNJ54LS47J		291
7604501FA	F	02/05/2015	1	TI		Y SNJ54LS47W		291
7700101AA	H	01/10/2018	1	LANSDALE		Y SL54LS93/BAA		303
7700101CA	H	01/10/2018	1	LANSDALE		Y SL54LS93/BCA		303
7700101CA	H	01/10/2018	1	TI		Y SNJ54LS93J		303
7700101DA	H	01/10/2018	1	LANSDALE		Y SL54LS93/BDA		303
7700101DA	H	01/10/2018	1	TI		Y SNJ54LS93W		303
7700201QX	B	01/25/1978		(NONE)		8080A (GEN)		402
7700401EA	F	02/07/2018	2	SRI		Y GEM08501QEA		283
7700401EA	F	02/07/2018		TI		Y SNJ54S139J		283
7700401EC	F	02/07/2018	2	SRI		Y GEM08501QEC		283
7700401FA	F	02/07/2018	2	SRI		Y GEM08501QFA		283
7700401FA	F	02/07/2018		TI		Y SNJ54S139W		283
7700401FC	F	02/07/2018	2	SRI		Y GEM08501QFC		283
5962-7700601VEA	H	09/15/2015	1	TI		Y SNV54LS165AJ		225
7700601EA	H	09/15/2015	1	TI		Y SNJ54LS165AJ		225
5962-7700601VFA	H	09/15/2015	1	TI		Y SNV54LS165AW		225
7700601FA	H	09/15/2015	1	TI		Y SNJ54LS165AW		225
7700701QA	G	02/17/2005		(NONE)	08/31/1995	2901A (GEN)		400
7700701ZA	G	02/17/2005		(NONE)		2901A (GEN)		400
7700702QA	G	02/17/2005		(NONE)		2901 (GEN)		400
7700703QA	G	02/17/2005	2	SRI		Y GEM06803QQA		400
7700703QC	G	02/17/2005	2	SRI		Y GEM06803QQC		400
7700703ZA	G	02/17/2005	2	SRI		Y GEM06803QZA		400
7700703ZC	G	02/17/2005	2	SRI		Y GEM06803QZC		400
77008012A	H	03/15/2016	1	TI		Y LM139FKB		776
7700801AA	H	03/15/2016		(NONE)		LM139 (GEN)		776
5962-7700801VCA	H	03/15/2016	1	TI		Y LM139JQMLV		776
7700801CA	H	03/15/2016	1	TI		Y LM139JB		776
7700801DA	H	03/15/2016	1	TI		Y LM139WB		776
7700901EA	F	09/08/2017	1	LANSDALE		Y SL54LS160A/BEA		301
7700901FA	F	09/08/2017	1	LANSDALE		Y SL54LS160A/BFA		301
77010012A	H	04/07/2015		(NONE)		54LS196 (GEN)		300

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7701001CA	H	04/07/2015	1	SRI		Y GEM31001QCA		300
7701001CC	H	04/07/2015	1	SRI		Y GEM31001QCC		300
7701001DA	H	04/07/2015	1	SRI		Y GEM31001QDA		300
7701001DC	H	04/07/2015	1	SRI		Y GEM31001QDC		300
7702001EA	G	12/20/2017		(NONE)	09/30/1995	4502B (GEN)		541
7702001FA	G	12/20/2017		(NONE)		4502B (GEN)		541
7702002EA	G	12/20/2017	1	TI		Y CD4502BF3A		541
7702301EA	H	04/25/2018	1	TI		Y CD4520BF3A		304
7702301FA	H	04/25/2018		(NONE)		4520B (GEN)		304
7702401CA	H	02/27/2018	1	E2V		Y CD4081BMJ/883		110
7702401DA	H	02/27/2018	1	E2V		Y CD4081BMW/883		110
7702402CA	H	02/27/2018	1	TI		Y CD4081BF3A		110
7702501EA	L	02/27/2018	1	TI		Y CD4094BF3A		249
7702501FA	L	02/27/2018		(NONE)		4094B (GEN)		249
7702502EA	L	02/27/2018		(NONE)		4094B (GEN)		249
7702601EA	C	04/19/2012	0	SRI		Y GEM37101QEA		340
7702601EC	C	04/19/2012	0	SRI		Y GEM37101QEC		340
7702601FA	C	04/19/2012	0	SRI		Y GEM37101QFA		340
7702601FC	C	04/19/2012	0	SRI		Y GEM37101QFC		340
7702701CX	C	07/20/1982		(NONE)		4069UB (GEN)		143
7702701DX	C	07/20/1982		(NONE)		4069UB (GEN)		143
7702801XA	H	06/07/2011		(NONE)		LM103H-1.8 (GEN)		785
7702802XA	H	06/07/2011		(NONE)		LM103H-2.0 (GEN)		785
7702803XA	H	06/07/2011		(NONE)		LM103H-2.2 (GEN)		785
7702804XA	H	06/07/2011		(NONE)		LM103H-2.4 (GEN)		785
7702805XA	H	06/07/2011		(NONE)		LM103H-2.7 (GEN)		785
7702806XA	H	06/07/2011	1	ROCHESTER		Y LM103H-3.0/883		785
7702807XA	H	06/07/2011	1	ROCHESTER		Y LM103H-3.3/883		785
7702808XA	H	06/07/2011		(NONE)		LM103H-3.6 (GEN)		785
7702809XA	H	06/07/2011		(NONE)	09/06/2000	LM103H-3.9 (GEN)		785
7702810XA	H	06/07/2011		(NONE)		LM103H-4.3 (GEN)		785
7702811XA	H	06/07/2011		(NONE)		LM103H-4.7 (GEN)		785
7702812XA	H	06/07/2011		(NONE)		LM103H-5.1 (GEN)		785
7702813XA	H	06/07/2011		(NONE)		LM103H-5.6 (GEN)		785
77030012A	C	11/12/2009		(NONE)		54185A (GEN)		262
7703001EA	C	11/12/2009		(NONE)		54185A (GEN)		262
7703001FA	C	11/12/2009		(NONE)		54185A (GEN)		262
7703101EA	A	04/12/1979		(NONE)		4060A (GEN)		305
7703101FA	A	04/12/1979		(NONE)		4060A (GEN)		305
7703201JA	J	03/27/2018	1	TI		Y CD4515BF3A		280
7703201ZA	J	03/27/2018		(NONE)		4515B (GEN)		280
7703301GA	D	03/25/2008		(NONE)		CA3130 (GEN)		723
77034012A	Y	06/12/2014	3	MICROSEMI (1)		Y SG117L/883B		780
77034012A	Y	06/12/2014	1	MICROSS		Y MTLM117QLS		780
77034015A	Y	06/12/2014		(NONE)		LM117 (GEN)		780
7703401MA	Y	06/12/2014	1	INTER. RECT.1		OM1320SMM		780
7703401NA	Y	06/12/2014	1	INTER. RECT.1		OM1320NMM		780
7703401TA	Y	06/12/2014	1	INTER. RECT.1		OM1320NTM		780
7703401TA	Y	06/12/2014	3	MICROSEMI (1)		Y SG117G/883B		780

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7703401TA	Y	06/12/2014	1	SEMELAB		Y IP117G-DESC		780
7703401UA	Y	06/12/2014	1	INTER. RECT.1		OM1320STM		780
7703401UA	Y	06/12/2014	2	MICROSEMI (1)		Y SG117IG/883B		780
7703401UA	Y	06/12/2014	1	MICROSS		Y MTLM117QP		780
7703401UA	Y	06/12/2014	1	SEMELAB		Y IP117IG-DESC		780
7703401XA	Y	06/12/2014	3	MICROSEMI (1)		Y SG117T/883B		780
7703401XA	Y	06/12/2014	1	MICROSS		Y MTLM117QH		780
7703401XA	Y	06/12/2014	1	SEMELAB		Y IP117MH-DESC		780
7703401YA	Y	06/12/2014	3	MICROSEMI (1)		Y SG117K/883B		780
7703401YA	Y	06/12/2014	1	MICROSS		Y MTLM117QK		780
7703401YA	Y	06/12/2014	1	SEMELAB		Y IP117K-DESC		780
7703401ZA	Y	06/12/2014	3	MICROSEMI (1)		Y SG117R/883B		780
7703401ZA	Y	06/12/2014	1	MICROSS		Y MTLM117QR		780
7703401ZA	Y	06/12/2014	1	SEMELAB		Y IP117R-DESC		780
77034022A	Y	06/12/2014	3	MICROSEMI (1)		Y SG117HVL/883B		780
77034022A	Y	06/12/2014	1	MICROSS		Y MTLM117HVQLS		780
77034025A	Y	06/12/2014		(NONE)		LM117HV (GEN)		780
7703402MA	Y	06/12/2014	1	INTER. RECT.1		OM1321SMM		780
7703402NA	Y	06/12/2014	1	INTER. RECT.1		OM1321NMM		780
7703402TA	Y	06/12/2014	1	INTER. RECT.1		OM1321NTM		780
7703402TA	Y	06/12/2014	2	MICROSEMI (1)		Y SG117HVG-DESC		780
7703402TA	Y	06/12/2014	1	SEMELAB		Y IP117HVG-DESC		780
5962R7703402MUA	Y	06/12/2014		(NONE)		LM117HV		780
7703402UA	Y	06/12/2014	1	INTER. RECT.1		OM1321STM		780
7703402UA	Y	06/12/2014	2	MICROSEMI (1)		Y SG117HVIG-DESC		780
7703402UA	Y	06/12/2014	1	MICROSS		Y MTLM117HVQP		780
7703402UA	Y	06/12/2014	1	SEMELAB		Y IP117HVIG-DESC		780
7703402XA	Y	06/12/2014	3	MICROSEMI (1)		Y SG117HVT/883B		780
7703402XA	Y	06/12/2014	1	MICROSS		Y MTLM117HVQH		780
7703402XA	Y	06/12/2014	1	SEMELAB		Y IP117MHVH-DESC		780
7703402YA	Y	06/12/2014	1	INTER. RECT.1		OM1321NKM		780
7703402YA	Y	06/12/2014	2	MICROSEMI (1)		Y SG117HVK-DESC		780
7703402YA	Y	06/12/2014	1	MICROSS		Y MTLM117HVQK		780
7703402YA	Y	06/12/2014	1	SEMELAB		Y IP117HVK-DESC		780
7703402ZA	Y	06/12/2014	1	MICROSS		Y MTLM117HVQR		780
7703402ZA	Y	06/12/2014	1	SEMELAB		Y IP117HVR-DESC		780
77034032A	Y	06/12/2014	3	MICROSEMI (1)		Y SG137L/883B		781
77034032A	Y	06/12/2014	1	MICROSS		Y MTLM137QLS		781
77034036A	Y	06/12/2014		(NONE)		LM137 (GEN)		781
7703403MA	Y	06/12/2014		(NONE)		LM137 (GEN)		781
7703403NA	Y	06/12/2014		(NONE)		LM137 (GEN)		781
7703403TA	Y	06/12/2014	3	MICROSEMI (1)		Y SG137G/883B		781
7703403TA	Y	06/12/2014	1	SEMELAB		Y IP137G-DESC		781
7703403UA	Y	06/12/2014	3	MICROSEMI (1)		Y SG137IG/883B		781
7703403UA	Y	06/12/2014	1	MICROSS		Y MTLM137QP		781
7703403UA	Y	06/12/2014	1	SEMELAB		Y IP137IG-DESC		781
7703403XA	Y	06/12/2014	3	MICROSEMI (1)		Y SG137T/883B		781
7703403XA	Y	06/12/2014	1	MICROSS		Y MTLM137QH		781
7703403XA	Y	06/12/2014	1	SEMELAB		Y IP137MH-DESC		781

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7703403YA	Y	06/12/2014	3	MICROSEMI (1)		Y SG137K/883B		781
7703403YA	Y	06/12/2014	1	MICROSS		Y MTLM137QK		781
7703403YA	Y	06/12/2014	1	SEMELAB		Y IP137K-DESC		781
7703403ZA	Y	06/12/2014	3	MICROSEMI (1)		Y SG137R/883B		781
7703403ZA	Y	06/12/2014	1	MICROSS		Y MTLM137QR		781
7703403ZA	Y	06/12/2014	1	SEMELAB		Y IP137R-DESC		781
77034042A	Y	06/12/2014	1	MICROSS		Y MTLM137HVQLS		781
77034046A	Y	06/12/2014		(NONE)		LM137HV (GEN)		781
7703404MA	Y	06/12/2014		(NONE)		OM1323 (GEN)		781
7703404NA	Y	06/12/2014		(NONE)		LM137HV (GEN)		781
7703404TA	Y	06/12/2014	1	SEMELAB		Y IP137HVG-DESC		781
7703404UA	Y	06/12/2014	1	MICROSS		Y MTLM137HVQP		781
7703404UA	Y	06/12/2014	1	SEMELAB		Y IP137HVIG-DESC		781
5962-7703404VXA	Y	06/12/2014		(NONE)		LM137HV (GEN)		781
7703404XA	Y	06/12/2014	1	MICROSS		Y MTLM137HVQH		781
7703404XA	Y	06/12/2014	1	SEMELAB		Y IP137HVH-DESC		781
5962-7703404VYA	Y	06/12/2014		(NONE)		LM137HV (GEN)		781
7703404YA	Y	06/12/2014	1	MICROSS		Y MTLM137HVQK		781
7703404ZA	Y	06/12/2014	1	MICROSS		Y MTLM137HVQR		781
77034052A	Y	06/12/2014	3	MICROSEMI (1)		Y SG117AL/883B		780
77034052A	Y	06/12/2014	1	MICROSS		Y MTLT117AQLS		780
77034055A	Y	06/12/2014		(NONE)		LT117A (GEN)		780
7703405MA	Y	06/12/2014	1	INTER. RECT.1		OM1324SMM		780
7703405MA	Y	06/12/2014	1	MICROSS		Y MTLT117AQM		780
7703405NA	Y	06/12/2014	1	INTER. RECT.1		OM1324NMM		780
7703405TA	Y	06/12/2014	1	INTER. RECT.1		OM1324NTM		780
7703405TA	Y	06/12/2014	3	MICROSEMI (1)		Y SG117AG/883B		780
7703405TA	Y	06/12/2014	1	SEMELAB		Y IP117AG-DESC		780
7703405UA	Y	06/12/2014	1	INTER. RECT.1		OM1324STM		780
7703405UA	Y	06/12/2014	3	MICROSEMI (1)		Y SG117AIG/883B		780
7703405UA	Y	06/12/2014	1	MICROSS		Y MTLT117AQP		780
7703405UA	Y	06/12/2014	1	SEMELAB		Y IP117AIG-DESC		780
7703405XA	Y	06/12/2014	3	MICROSEMI (1)		Y SG117AT/883B		780
7703405XA	Y	06/12/2014	1	MICROSS		Y MTLT117AQH		780
7703405XA	Y	06/12/2014	1	SEMELAB		Y IP117MAH-DESC		780
7703405YA	Y	06/12/2014	1	INTER. RECT.1		OM1324NKM		780
7703405YA	Y	06/12/2014	3	MICROSEMI (1)		Y SG117AK/883B		780
7703405YA	Y	06/12/2014	1	MICROSS		Y MTLT117AQK		780
7703405ZA	Y	06/12/2014	3	MICROSEMI (1)		Y SG117AR/883B		780
7703405ZA	Y	06/12/2014	1	MICROSS		Y MTLT117AQR		780
7703405ZA	Y	06/12/2014	1	SEMELAB		Y IP117AR-DESC		780
77034062A	Y	06/12/2014	3	MICROSEMI (1)		Y SG137AL/883B		781
77034062A	Y	06/12/2014	1	MICROSS		Y MTLT137AQLS		781
77034066A	Y	06/12/2014		(NONE)		LT137AE (GEN)		781
7703406MA	Y	06/12/2014	1	MICROSS		Y MTLT137AQM		781
7703406NA	Y	06/12/2014		(NONE)		LM137A (GEN)		781
7703406TA	Y	06/12/2014	1	SEMELAB		Y IP137AG-DESC		781
7703406UA	Y	06/12/2014	3	MICROSEMI (1)		Y SG137AIG/883B		781
7703406UA	Y	06/12/2014	1	MICROSS		Y MTLT137AQP		781

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7703406UA	Y	06/12/2014	1	SEMELAB		Y IP137AIG-DESC		781
7703406XA	Y	06/12/2014	3	MICROSEMI (1)		Y SG137AT/883B		781
7703406XA	Y	06/12/2014	1	MICROSS		Y MTLT137AQH		781
7703406XA	Y	06/12/2014	1	SEMELAB		Y IP137AH-DESC		781
7703406YA	Y	06/12/2014	3	MICROSEMI (1)		Y SG137AK/883B		781
7703406YA	Y	06/12/2014	1	MICROSS		Y MTLT137AQK		781
7703406ZA	Y	06/12/2014	3	MICROSEMI (1)		Y SG137AR/883B		781
7703406ZA	Y	06/12/2014	1	MICROSS		Y MTLT137AQR		781
7703406ZA	Y	06/12/2014	1	SEMELAB		Y IP137AR-DESC		781
77034072A	Y	06/12/2014	3	MICROSEMI (1)		Y SG117AHVL/883B		780
77034072A	Y	06/12/2014	1	MICROSS		Y MTLM117AHVQLS		780
77034074A	Y	06/12/2014	1	INTER. RECT.1		OM1326SRM		780
77034074A	Y	06/12/2014	1	MICROSS		Y MTLM117AHVQU		780
77034075A	Y	06/12/2014		(NONE)		LT117AHV (GEN)		780
7703407MA	Y	06/12/2014	1	INTER. RECT.1		OM1326SMM		780
7703407NA	Y	06/12/2014	1	INTER. RECT.1		OM1326NMM		780
7703407TA	Y	06/12/2014	1	INTER. RECT.1		OM1326NTM		780
7703407TA	Y	06/12/2014	2	MICROSEMI (1)		Y SG117AHVG-DESC		780
7703407TA	Y	06/12/2014	1	SEMELAB		Y IP117AHVG-DESC		780
5962R7703407MUA	Y	06/12/2014		(NONE)		LT117AHV		780
7703407UA	Y	06/12/2014	1	INTER. RECT.1		OM1326STM		780
7703407UA	Y	06/12/2014	2	MICROSEMI (1)		Y SG117AHVIG-DESC		780
7703407UA	Y	06/12/2014	1	MICROSS		Y MTLM117AHVQP		780
7703407UA	Y	06/12/2014	1	SEMELAB		Y IP117AHVIG-DESC		780
7703407XA	Y	06/12/2014	3	MICROSEMI (1)		Y SG117AHVT/883B		780
7703407XA	Y	06/12/2014	1	MICROSS		Y MTLM117AHVQH		780
7703407XA	Y	06/12/2014	1	SEMELAB		Y IP117MAHVH-DESC		780
7703407YA	Y	06/12/2014	1	INTER. RECT.1		OM1326NKM		780
7703407YA	Y	06/12/2014	2	MICROSEMI (1)		Y SG117AHVK-DESC		780
7703407YA	Y	06/12/2014	1	MICROSS		Y MTLM117AHVQK		780
7703407ZA	Y	06/12/2014	1	MICROSS		Y MTLM117AHVQR		780
77034082A	Y	06/12/2014	1	MICROSS		Y MTLM137AHVQLS		781
77034086A	Y	06/12/2014		(NONE)		LT137AHV (GEN)		781
7703408MA	Y	06/12/2014		(NONE)		LM137AHV		781
7703408NA	Y	06/12/2014		(NONE)		LM137AHV		781
7703408TA	Y	06/12/2014		(NONE)		LT137AHV (GEN)		781
7703408UA	Y	06/12/2014	1	MICROSS		Y MTLM137AHVQP		781
7703408UA	Y	06/12/2014	1	SEMELAB		Y IP137AHVIG-DESC		781
7703408XA	Y	06/12/2014	1	MICROSS		Y MTLM137AHVQH		781
7703408XA	Y	06/12/2014	1	SEMELAB		Y IP137AHVH-DESC		781
7703408YA	Y	06/12/2014	1	MICROSS		Y MTLM137AHVQK		781
7703408ZA	Y	06/12/2014	1	MICROSS		Y MTLM137AHVQR		781
7703501JA		09/26/1977		(NONE)		4514B (GEN)		340
7703501ZA		09/26/1977		(NONE)		4514B (GEN)		340
7703601AA	F	04/25/2018		(NONE)		54C08 (GEN)		110
7703601CA	F	04/25/2018	1	E2V		Y MM54C08J/883B		110
7703601DA	F	04/25/2018	1	E2V		Y MM54C08W/883B		110
7703701EA	J	01/30/2018		(NONE)		54C85 (GEN)		209
7703701FA	J	01/30/2018		(NONE)	09/09/1998	54C85 (GEN)		209



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7703702EA	J	01/30/2018	1	TI		Y	CD4585BF3A	209
7703702FA	J	01/30/2018		(NONE)			4585B (GEN)	209
7703901GA	C	03/11/2008		(NONE)			4250 (GEN)	739
7703901HA	C	03/11/2008		(NONE)			4250 (GEN)	739
7703901PA	C	03/11/2008		(NONE)			4250 (GEN)	739
77040012A	G	02/21/2012		(NONE)	05/31/1994		79M05 (GEN)	783
7704001HA	G	02/21/2012		(NONE)	08/15/1999		79M05 (GEN)	783
7704001PA	G	02/21/2012		(NONE)			79M05 (GEN)	783
7704001XA	G	02/21/2012		(NONE)			79M05 (GEN)	783
7704001YA	G	02/21/2012		(NONE)			79M05 (GEN)	783
7704003XA	G	02/21/2012		(NONE)			LM120H-12 (GEN)	783
7704003YA	G	02/21/2012		(NONE)			LM120H-12 (GEN)	783
7704004XA	G	02/21/2012		(NONE)			LM120H-15 (GEN)	783
7704004YA	G	02/21/2012		(NONE)			LM120H-15 (GEN)	783
7704005XA	G	02/21/2012		(NONE)			LM120H-24 (GEN)	783
7704005YA	G	02/21/2012		(NONE)			LM120H-24 (GEN)	783
7704101EA	A	09/25/1981		(NONE)			54LS124 (GEN)	815
7704101FA	A	09/25/1981		(NONE)			54LS124 (GEN)	815
5962-7704201VEA	K	03/10/2017		(NONE)	11/28/2015		54LS670 (GEN)	600
7704201EA	K	03/10/2017	1	LANSDALE		Y	SL54LS670/BEA	600
7704201EA	K	03/10/2017	1	TI		Y	SNJ54LS670J	600
5962-7704201VFA	K	03/10/2017		(NONE)	11/28/2015		54LS670 (GEN)	600
7704201FA	K	03/10/2017	1	LANSDALE		Y	SL54LS670/BFA	600
7704201FA	K	03/10/2017	1	TI		Y	SNJ54LS670W	600
77043012A	R	08/03/2011	1	TI		Y	LM124FKB	713
7704301AA	R	08/03/2011		(NONE)			LM124 (GEN)	713
5962-7704301VCA	R	08/03/2011	1	TI		Y	LM124JQMLV	713
7704301CA	R	08/03/2011	1	TI		Y	LM124J/883	713
7704301CA	R	08/03/2011	1	TI		Y	LM124JB	713
7704301DA	R	08/03/2011	1	TI		Y	LM124WB	713
7704301XA	R	08/03/2011		(NONE)	06/07/2001		LM124 (GEN)	713
77043022A	R	08/03/2011	1	TI		Y	LM124AE/883	713
77043022A	R	08/03/2011	1	TI		Y	LM124AFKB	713
7704302CA	R	08/03/2011	1	TI		Y	LM124AJB	713
7704302CA	R	08/03/2011	1	TI		Y	LM124AJ/883	713
7704302DA	R	08/03/2011	1	TI		Y	LM124AWB	713
7704302XA	R	08/03/2011	1	TI		Y	LM124AWG/883	713
7704401AA	H	06/23/2016		(NONE)			4078B (GEN)	124
7704401CA	H	06/23/2016		(NONE)			4078B (GEN)	124
7704402CA	H	06/23/2016	1	TI		Y	CD4078BF3A	124
7704403CA	H	06/23/2016	1	TI		Y	CD4002BF3A	124
7704501EA	E	11/02/1987		(NONE)			4528B (GEN)	166
7704501FA	E	11/02/1987		(NONE)			4528B (GEN)	166
7704502EA	E	11/02/1987		(NONE)			4528B (GEN)	166
7704601CA	H	03/27/2018		E2V		Y	CD4093BMJ/883	109
7704601DA	H	03/27/2018		E2V		Y	CD4093BMW/883	109
7704602CA	H	03/27/2018	1	TI		Y	CD4093BF3A	109
7704701EA	J	04/25/2018	1	TI		Y	CD4555BF3A	283
7704702EA	J	04/25/2018		(NONE)			14555B (GEN)	283

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7704702FA	J	04/25/2018		(NONE)			14555B (GEN)	283
7704801EA	H	05/23/2018	1	TI		Y	CD4556BF3A	283
7704801FA	H	05/23/2018		(NONE)			4556B (GEN)	283
77049012A	K	07/13/2017		TI		Y	SNJ55452BFBK	581
7704901PA	K	07/13/2017		TI		Y	SNJ55452BJG	581
77049022A	K	07/13/2017		TI		Y	SNJ55451BFBK	580
7704902PA	K	07/13/2017		TI		Y	SNJ55451BJG	580
7705001CA	F	02/14/2012		(NONE)			RM2211 (GEN)	803
7705101CA	H	08/28/2018		(NONE)	09/30/1995		4073B (GEN)	112
7705101DA	H	08/28/2018		(NONE)			4073B (GEN)	112
7705102CA	H	08/28/2018	1	TI		Y	CD4073BF3A	112
77052012A	M	05/18/2017	1	RENESAS		Y	HI4-508/883	193
7705201EA	M	05/18/2017	1	MAXIM INTEG.			DG508AAK/883B	193
7705201EC	M	05/18/2017	1	RENESAS		Y	HI1-508/883	193
7705201FA	M	05/18/2017		(NONE)			DG508A (GEN)	193
7705201XC	M	05/18/2017		(NONE)	05/18/2010		DG508A (GEN)	193
77052022A	M	05/18/2017	1	RENESAS		Y	HI4-548/883	193
7705202EA	M	05/18/2017	1	RENESAS		Y	HI1-548/883	193
77052032C	M	05/18/2017		(NONE)	07/10/2015		MAX358 (GEN)	193
7705203EA	M	05/18/2017		(NONE)	07/10/2015		MAX358 (GEN)	193
77053012C	N	06/08/2017		(NONE)			DG201A (GEN)	183
7705301EA	N	06/08/2017		MAXIM INTEG.			DG201AAK/883B	183
7705301FA	N	06/08/2017		(NONE)			DG201A (GEN)	183
7705301XC	N	06/08/2017		(NONE)	05/18/2010		DG201A (GEN)	183
77053022C	N	06/08/2017	1	MAXIM INTEG.			HI4-201/883B	183
7705302EA	N	06/08/2017	1	MAXIM INTEG.			HI1-201/883B	183
7705302EA	N	06/08/2017	1	RENESAS		Y	HI1-201/883	183
7705401CA	G	08/29/2011	2	E2V		Y	RM4194DC/883	784
7705401RA	G	08/29/2011	2	E2V		Y	RM4194TK/883	784
7705501EA	B	09/25/1981		(NONE)			4098B (GEN)	166
7705501FA	B	09/25/1981		(NONE)			4098B (GEN)	166
7705601AA		12/09/1977		(NONE)			54C906 (GEN)	513
7705601CA		12/09/1977		(NONE)			54C906 (GEN)	513
7705601DA		12/09/1977		(NONE)			54C906 (GEN)	513
7705701RA	H	06/16/2017	1	LANSDALE		Y	SL54LS244/BRA	529
7705701RA	H	06/16/2017		TI		Y	SNJ54LS244J	529
7705701SA	H	06/16/2017	1	LANSDALE		Y	SL54LS244/BSA	529
7705701SA	H	06/16/2017		TI		Y	SNJ54LS244W	529
7705801EA	J	08/28/2018	2	E2V		Y	CD4040BMJ/883	305
7705801FA	J	08/28/2018	2	E2V		Y	CD4040BMW/883	305
7705901CA	G	02/26/2019		(NONE)	09/30/1995		4082B (GEN)	114
7705901DA	G	02/26/2019		(NONE)			4082B (GEN)	114
7705902CA	G	02/26/2019	1	TI		Y	CD4082BF3A	114
7706001CA	G	09/24/2018		(NONE)	09/30/1995		4072B (GEN)	125
7706001DA	G	09/24/2018		(NONE)			4072B (GEN)	125
7706002CA	G	09/24/2018	1	TI		Y	CD4072BF3A	125
7800301GA	L	06/19/2014		(NONE)			LM144H (GEN)	721
78003022A	L	06/19/2014		(NONE)			2640 (GEN)	701
7800302GC	L	06/19/2014		(NONE)	12/10/2015		HA-2640 (GEN)	701

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7800302PA	L	06/19/2014		(NONE)	12/10/2015		HA-2640 (GEN)	701
7800303PA	L	06/19/2014		MICROSEMI (1)		Y SG143Y/883B		701
7800303XA	L	06/19/2014		MICROSEMI (1)		Y SG143T/883B		701
7800303XA	L	06/19/2014	1	ROCHESTER		Y LM143H/883		701
7800304PA	L	06/19/2014		MICROSEMI (1)		Y SG1536Y/883B		701
7800304PA	L	06/19/2014	1	ROCHESTER		Y LM1536J/883		701
7800304XA	L	06/19/2014		MICROSEMI (1)		Y SG1536T/883B		701
7800304XA	L	06/19/2014	1	ROCHESTER		Y LM1536H/883		701
7800701CA	E	02/06/2012	1B	ROCHESTER		Y LM7709AJ/883		701
7800701GA	E	02/06/2012	1B	ROCHESTER		Y LM7709AH/883		701
7800701HA	E	02/06/2012	1B	ROCHESTER		Y LM7709AW/883		701
7800701PA	E	02/06/2012	1B	ROCHESTER		Y LM7709AJ8/883		701
7800801CA	J	03/22/2017	1	ROCHESTER		Y DS0056J/883		550
7800801GA	J	03/22/2017	1	ROCHESTER		Y DS0056H/883		550
7800801PA	J	03/22/2017	1	ROCHESTER		Y DS0056J-8/883		550
7800802CA	J	03/22/2017		(NONE)		DS0026 (GEN)		550
7800802GA	J	03/22/2017		(NONE)		DS0026 (GEN)		550
7800802PA	J	03/22/2017		(NONE)		DS0026 (GEN)		550
78009012A	E	01/17/2018	1	LANSDALE		Y SL10516/B2A		574
78009012A	E	01/17/2018	3	SRI		Y GEM17001Q2A		574
78009012C	E	01/17/2018	1	LANSDALE		Y SL10516/B2C		574
78009012C	E	01/17/2018	3	SRI		Y GEM17001Q2C		574
7800901EA	E	01/17/2018	1	LANSDALE		Y SL10516/BEA		574
7800901EA	E	01/17/2018	3	SRI		Y GEM17001QEA		574
7800901EC	E	01/17/2018	3	SRI		Y GEM17001QEC		574
7800901FA	E	01/17/2018	1	LANSDALE		Y SL10516/BFA		574
7800901FA	E	01/17/2018	3	SRI		Y GEM17001QFA		574
7800901FC	E	01/17/2018	3	SRI		Y GEM17001QFC		574
78010012A	G	09/15/2015	1	LANSDALE		Y SL54LS273/B2A		159
78010012A	G	09/15/2015	1	TI		Y SNJ54LS273FK		159
78010012C	G	09/15/2015	1	LANSDALE		Y SL54LS273/B2C		159
5962-7801001VRA	G	09/15/2015	1	TI		Y SNV54LS273J		159
7801001RA	G	09/15/2015	1	LANSDALE		Y SL54LS273/BRA		159
7801001RA	G	09/15/2015	1	TI		Y SNJ54LS273J		159
5962-7801001VSA	G	09/15/2015		(NONE)	11/28/2015	54LS273 (GEN)		159
7801001SA	G	09/15/2015	1	LANSDALE		Y SL54LS273/BSA		159
7801001SA	G	09/15/2015	1	TI		Y SNJ54LS273W		159
78011012A	J	09/03/2015	1	LANSDALE		Y SL54LS374/B2A		159
78011012C	J	09/03/2015	1	LANSDALE		Y SL54LS374/B2C		159
7801101RA	J	09/03/2015	1	LANSDALE		Y SL54LS374/BRA		159
7801101SA	J	09/03/2015	1	LANSDALE		Y SL54LS374/BSA		159
78011022A	J	09/03/2015	1	TI		Y SNJ54LS374FK		159
5962-7801102VRA	J	09/03/2015		(NONE)	11/28/2015	54LS374 (GEN)		159
7801102RA	J	09/03/2015	1	TI		Y SNJ54LS374J		159
5962-7801102VSA	J	09/03/2015		(NONE)	11/28/2015	54LS374 (GEN)		159
7801102SA	J	09/03/2015	1	TI		Y SNJ54LS374W		159
78012012A	F	09/03/2015	1	TI		Y SNJ54LS240FK		529
78012012C	F	09/03/2015	1	LANSDALE		Y SL54LS240/B2C		529
5962-7801201VRA	F	09/03/2015		(NONE)	11/28/2015	54LS240 (GEN)		529

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7801201RA	F	09/03/2015	1	LANSDALE		Y SL54LS240/BRA		529
7801201RA	F	09/03/2015	1	TI		Y SNJ54LS240J		529
5962-7801201VSA	F	09/03/2015	1	TI		Y SNV54LS240W		529
7801201SA	F	09/03/2015	1	LANSDALE		Y SL54LS240/BSA		529
7801201SA	F	09/03/2015	1	TI		Y SNJ54LS240W		529
7801301GA	R	08/02/2018		(NONE)		CTS0002 (GEN)		739
5962R7801301HXC	R	08/02/2018	1C	ANAREN		Y MSK 0002HRH		739
5962R7801301KXC	R	08/02/2018	1C	ANAREN		Y MSK 0002KRH		739
7801301XA	R	08/02/2018	1	SENSITRON		Y SEN-0002H		739
7801301XA	R	08/02/2018	1	SPECTRUM (1)		Y FLH0002H/883		739
7801301XC	R	08/02/2018	1C	ANAREN		Y MSK 0002H		739
7801301XC	R	08/02/2018	1	SENSITRON		Y SEN-0002H		739
7801401AA	K	06/15/2005		(NONE)		DG129A (GEN)		188
7801401CA	K	06/15/2005		(NONE)	01/06/2017	DG129A (GEN)		188
7801401XA	K	06/15/2005		(NONE)	01/06/2017	DG129A (GEN)		188
78015012A	K	10/06/2017		SRI		Y GEM13501Q2A		602
78015012C	K	10/06/2017		SRI		Y GEM13501Q2C		602
7801501EA	K	10/06/2017		SRI		Y GEM13501QEA		602
7801501EC	K	10/06/2017		SRI		Y GEM13501QEC		602
7801501FA	K	10/06/2017		SRI		Y GEM13501QFA		602
7801501FC	K	10/06/2017		SRI		Y GEM13501QFC		602
78015022A	K	10/06/2017	1	LANSDALE		Y SL54S189/B2A		602
78015022A	K	10/06/2017	3	SRI		Y GEM24202Q2A		602
78015022C	K	10/06/2017	1	LANSDALE		Y SL54S189/B2C		602
78015022C	K	10/06/2017	3	SRI		Y GEM24202Q2C		602
7801502EA	K	10/06/2017	1	LANSDALE		Y SL54S189/BEA		602
7801502EA	K	10/06/2017	3	SRI		Y GEM24202QEA		602
7801502EC	K	10/06/2017	3	SRI		Y GEM24202QEC		602
7801502FA	K	10/06/2017	1	LANSDALE		Y SL54S189/BFA		602
7801502FA	K	10/06/2017	3	SRI		Y GEM24202QFA		602
7801502FC	K	10/06/2017	3	SRI		Y GEM24202QFC		602
78015032A	K	10/06/2017	3	SRI		Y GEM13503Q2A		602
78015032C	K	10/06/2017	3	SRI		Y GEM13503Q2C		602
7801503EA	K	10/06/2017	3	SRI		Y GEM13503QEA		602
7801503EC	K	10/06/2017	3	SRI		Y GEM13503QEC		602
7801503FA	K	10/06/2017	3	SRI		Y GEM13503QFA		602
7801503FC	K	10/06/2017	3	SRI		Y GEM13503QFC		602
78015042A	K	10/06/2017	1	SRI		Y GEM19804Q2A		602
78015042C	K	10/06/2017	1	SRI		Y GEM19804Q2C		602
7801504EA	K	10/06/2017	1	SRI		Y GEM19804QEA		602
7801504EC	K	10/06/2017	1	SRI		Y GEM19804QEC		602
7801504FA	K	10/06/2017	1	SRI		Y GEM19804QFA		602
7801504FC	K	10/06/2017	1	SRI		Y GEM19804QFC		602
78015052A	K	10/06/2017		(NONE)		27S07-20 (GEN)		602
7801505EA	K	10/06/2017		(NONE)		27S07-20 (GEN)		602
7801505FA	K	10/06/2017		(NONE)		27S07-20 (GEN)		602
78015062A	K	10/06/2017		(NONE)		27LS07-30 (GEN)		602
7801506EA	K	10/06/2017		(NONE)		27LS07-30 (GEN)		602
7801506FA	K	10/06/2017		(NONE)		27LS07-30 (GEN)		602

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78016013A	J	12/14/2017	1	E2V		Y 82S141/B3A		656
78016013A	J	12/14/2017	1	LANSDALE		Y SL82S141/B3A		656
7801601JA	J	12/14/2017	1	E2V		Y 82S141/BJA		656
7801601JA	J	12/14/2017	1	LANSDALE		Y SL82S141/BJA		656
7801601KA	J	12/14/2017	1	E2V		Y 82S141/BKA		656
7801601KA	J	12/14/2017	1	LANSDALE		Y SL82S141/BKA		656
7801601UA	J	12/14/2017		(NONE)		27S31 (GEN)		656
78016023A	J	12/14/2017		(NONE)	08/02/1996	27S31A (GEN)		656
7801602JA	J	12/14/2017		(NONE)	08/02/1996	27S31A (GEN)		656
7801602KA	J	12/14/2017		(NONE)	08/02/1996	27S31A (GEN)		656
7801602UA	J	12/14/2017		(NONE)		27S31A (GEN)		656
7801701QA	G	08/16/2006	1	ROCHESTER		Y 2910/BQA		420
7801701ZA	G	08/16/2006	1	ROCHESTER		Y 2910/BZA		420
7801701ZC	G	08/16/2006	1	ROCHESTER		Y 2910/BZC		420
7801702QA	G	08/16/2006	1	ROCHESTER		Y 2910A/BQA		420
7801702ZA	G	08/16/2006	1	ROCHESTER		Y 2910A/BZA		420
7801702ZC	G	08/16/2006	1	ROCHESTER		Y 2910A/BZC		420
7801801EA	F	02/05/2008		(NONE)		AM686 (GEN)		772
7801801IA	F	02/05/2008		(NONE)		AM686 (GEN)		772
7801901EA	F	01/17/2012		(NONE)	06/30/1994	AM687 (GEN)		774
7801902EA	F	01/17/2012		(NONE)		AM6687 (GEN)		774
78019032A	F	01/17/2012		(NONE)	10/27/2000	AD96687 (GEN)		774
7801903EA	F	01/17/2012		(NONE)	10/27/2000	AD96687 (GEN)		774
5962-7802001M2A	W	01/12/2018	2	E2V		Y QP26LS32/B2A		575
5962-7802001M2A	W	01/12/2018	1	ROCHESTER		Y 26LS32/B2A		575
78020012A	W	01/12/2018		(NONE)	5962-7802001M2A	26LS32 (GEN)		575
5962-7802001MEA	W	01/12/2018	2	E2V		Y QP26LS32/BEA		575
5962-7802001MEA	W	01/12/2018	1	ROCHESTER		Y 26LS32/BEA		575
7802001EA	W	01/12/2018		(NONE)	5962-7802001MEA	26LS32 (GEN)		575
5962-7802001MFA	W	01/12/2018	2	E2V		Y QP26LS32/BFA		575
5962-7802001MFA	W	01/12/2018	1	ROCHESTER		Y 26LS32/BFA		575
7802001FA	W	01/12/2018		(NONE)	5962-7802001MFA	26LS32 (GEN)		575
5962-7802002M2A	W	01/12/2018	1	E2V		Y QP26LS33/B2A		575
5962-7802002M2A	W	01/12/2018	1	ROCHESTER		Y 26LS33/B2A		575
78020022A	W	01/12/2018		(NONE)	5962-7802002M2A	26LS33 (GEN)		575
5962-7802002MEA	W	01/12/2018	1	E2V		Y QP26LS33/BEA		575
5962-7802002MEA	W	01/12/2018	1	ROCHESTER		Y 26LS33/BEA		575
7802002EA	W	01/12/2018		(NONE)	5962-7802002MEA	26LS33 (GEN)		575
5962-7802002MFA	W	01/12/2018	1	E2V		Y QP26LS33/BFA		575
5962-7802002MFA	W	01/12/2018	1	ROCHESTER		Y 26LS33/BFA		575
7802002FA	W	01/12/2018		(NONE)	5962-7802002MFA	26LS33 (GEN)		575
5962-7802003M2A	W	01/12/2018	1	TI		Y AM26LS32AMFKB		575
78020032A	W	01/12/2018		(NONE)	5962-7802003M2A	26LS32A (GEN)		575
5962-7802003MEA	W	01/12/2018	1	TI		Y AM26LS32AMJB		575
7802003EA	W	01/12/2018		(NONE)	5962-7802003MEA	26LS32A (GEN)		575
5962-7802003MFA	W	01/12/2018	1	TI		Y AM26LS32AMWB		575
7802003FA	W	01/12/2018		(NONE)	5962-7802003MFA	26LS32A (GEN)		575
5962-7802004M2A	W	01/12/2018	1	TI		Y AM26LS33AMFKB		575
78020042A	W	01/12/2018		(NONE)	5962-7802004M2A	26LS33A (GEN)		575



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5962-7802004MEA	W	01/12/2018	1	TI		Y	AM26LS33AMJB	575
7802004EA	W	01/12/2018		(NONE)	5962-7802004MEA		26LS33A (GEN)	575
5962-7802004MFA	W	01/12/2018	1	TI		Y	AM26LS33AMWB	575
7802004FA	W	01/12/2018		(NONE)	5962-7802004MFA		26LS33A (GEN)	575
5962-7802005M2A	W	01/12/2018	1	TI		Y	DS26F32ME/883	575
5962F7802005Q2A	W	01/12/2018		(NONE)			26F32 (GEN)	575
5962R7802005Q2A	W	01/12/2018		(NONE)			26F32 (GEN)	575
5962-7802005MEA	W	01/12/2018		(NONE)	12/03/2008		26F32 (GEN)	575
5962-7802005VEA	W	01/12/2018		(NONE)	12/03/2008		26F32 (GEN)	575
5962F7802005QEA	W	01/12/2018		(NONE)			26F32 (GEN)	575
5962F7802005VEA	W	01/12/2018		(NONE)			26F32 (GEN)	575
5962R7802005QEA	W	01/12/2018		(NONE)	12/03/2008		26F32 (GEN)	575
5962R7802005VEA	W	01/12/2018	1	TI		Y	DS26F32MJRQMLV	575
5962-7802005MFA	W	01/12/2018	1	TI		Y	DS26F32MW/883	575
5962-7802005VFA	W	01/12/2018		(NONE)	12/03/2008		26F32 (GEN)	575
5962F7802005QFA	W	01/12/2018		(NONE)			26F32 (GEN)	575
5962F7802005VFA	W	01/12/2018		(NONE)			26F32 (GEN)	575
5962R7802005QFA	W	01/12/2018		(NONE)	12/03/2008		26F32 (GEN)	575
5962R7802005VFA	W	01/12/2018	1	TI		Y	DS26F32MWRQMLV	575
5962-7802005MZA	W	01/12/2018		(NONE)	12/03/2008		26F32 (GEN)	575
5962-7802005VZA	W	01/12/2018		(NONE)			26F32 (GEN)	575
5962R7802005VZA	W	01/12/2018		(NONE)	12/03/2008		26F32 (GEN)	575
5962-7802006Q2A	W	01/12/2018		(NONE)	12/20/2007		26LS32 (GEN)	575
5962-7802006QEA	W	01/12/2018	1	TI		Y	DS26LS32MJ/883	575
5962-7802006QFA	W	01/12/2018		(NONE)	12/20/2007		26LS32 (GEN)	575
5962-7802007VEA	W	01/12/2018	1	TI		Y	AM26LS33A-SP	575
7802201JA	R	10/13/2017	1	ROCHESTER		Y	MC2716M/BJA	658
7802202JA	R	10/13/2017		(NONE)				658
7802203JA	R	10/13/2017		(NONE)				658
7802204JA	R	10/13/2017		(NONE)				658
7802205JA	R	10/13/2017		(NONE)				658
7802206JA	R	10/13/2017		(NONE)				658
7802207JA	R	10/13/2017		(NONE)				658
7802208JA	R	10/13/2017		(NONE)				658
7802209JA	R	10/13/2017		(NONE)				658
5962-7802301M2A	U	06/22/2018	1	E2V		Y	QP26LS31/B2A	569
5962-7802301M2A	U	06/22/2018	1	ROCHESTER		Y	26LS31/B2A	569
5962-7802301M2A	U	06/22/2018	1	TI		Y	AM26LS31MFKB	569
5962-7802301Q2A	U	06/22/2018	1	E2V		Y	QP26LS31/B2A	569
5962-7802301Q2A	U	06/22/2018	1	TI		Y	AM26LS31M	569
5962-7802301Q2A	U	06/22/2018	2	TI		Y	DS26LS31ME-SMD	569
5962F7802301Q2A	U	06/22/2018		(NONE)	12/03/2008		26LS31 (GEN)	569
78023012A	U	06/22/2018		(NONE)	5962-7802301M2A		26LS31 (GEN)	569
5962-7802301MEA	U	06/22/2018	1	E2V		Y	QP26LS31/BEA	569
5962-7802301MEA	U	06/22/2018	1	ROCHESTER		Y	26LS31/BEA	569
5962-7802301MEA	U	06/22/2018	1	TI		Y	AM26LS31MJB	569
5962-7802301MEA	U	06/22/2018	2	TI		Y	DS26LS31MJ-SMD	569
5962-7802301VEA	U	06/22/2018		(NONE)	08/10/2017		26LS31 (GEN)	569
5962F7802301MEA	U	06/22/2018		(NONE)	08/10/2017		26LS31 (GEN)	569

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5962F7802301VEA	U	06/22/2018		(NONE)	08/10/2017		26LS31 (GEN)	569
7802301EA	U	06/22/2018		(NONE)	5962-7802301MEA		26LS31 (GEN)	569
5962-7802301MFA	U	06/22/2018	1	E2V		Y	QP26LS31/BFA	569
5962-7802301MFA	U	06/22/2018	1	ROCHESTER		Y	26LS31/BFA	569
5962-7802301MFA	U	06/22/2018	1	TI		Y	AM26LS31MWB	569
5962-7802301VFA	U	06/22/2018		(NONE)			26LS31 (GEN)	569
5962F7802301MFA	U	06/22/2018		(NONE)			26LS31 (GEN)	569
5962F7802301VFA	U	06/22/2018		(NONE)			26LS31 (GEN)	569
7802301FA	U	06/22/2018		(NONE)	5962-7802301MFA		26LS31 (GEN)	569
5962-7802302M2A	U	06/22/2018	1	TI		Y	DS26F31ME/883	569
5962-7802302MEA	U	06/22/2018		(NONE)	12/03/2008		26F31 (GEN)	569
5962-7802302VEA	U	06/22/2018		(NONE)	12/03/2008		26F31 (GEN)	569
5962F7802302VEA	U	06/22/2018		(NONE)	12/03/2008		26F31 (GEN)	569
5962-7802302MFA	U	06/22/2018	1	TI		Y	DS26F31MW/883	569
5962-7802302VFA	U	06/22/2018		(NONE)	12/03/2008		26F31 (GEN)	569
5962F7802302VFA	U	06/22/2018	1	TI		Y	DS26F31MWFQMLV	569
5962-7802302MZA	U	06/22/2018		(NONE)	12/03/2008		26F31 (GEN)	569
5962F7802302VZA	U	06/22/2018		(NONE)	12/03/2008		26F31 (GEN)	569
78024012A	K	02/03/2017	1	TI		Y	SNJ54LS299FK	228
7802401RA	K	02/03/2017	1	TI		Y	SNJ54LS299J	228
7802401SA	K	02/03/2017	1	TI		Y	SNJ54LS299W	228
7802402RA	K	02/03/2017		(NONE)			25LS299 (GEN)	228
7802402SA	K	02/03/2017		(NONE)			25LS299 (GEN)	228
7802601EA	E	01/13/2017		TI		Y	SNJ54LS390J	300
7802601FA	E	01/13/2017	1	TI		Y	SNJ54LS390W	300
78027012A	E	01/13/2017		TI		Y	SNJ54LS148FK	345
7802701EA	E	01/13/2017		TI		Y	SNJ54LS148J	345
7802701FA	E	01/13/2017		TI		Y	SNJ54LS148W	345
7802801EA	L	10/04/2017		MICROSEMI (1)		Y	SG1524J/883B	787
78029013A	H	03/17/2005	1	RENESAS		Y	HD4-15530-8	441
7802901JA	H	03/17/2005	1	RENESAS		Y	HD1-15530-8	441
79008012A	J	03/19/2018	1	ROCHESTER		Y	SNJ55182FK/883	573
5962-7900801VCA	J	03/19/2018	1	TI		Y	SNV55182J	573
7900801CA	J	03/19/2018	1	ROCHESTER		Y	SNJ55182J/883	573
5962-7900801VDA	J	03/19/2018	1	TI		Y	SNV55182W	573
7900801DA	J	03/19/2018	1	ROCHESTER		Y	SNJ55182W/883	573
79009012A	J	03/20/2018	2	TI		Y	SNJ55183FK	573
7900901AA	J	03/20/2018		(NONE)			55183 (GEN)	573
5962-7900901VCA	J	03/20/2018	2	TI		Y	SNV55183J	573
7900901CA	J	03/20/2018	2	TI		Y	SNJ55183J	573
7900901DA	J	03/20/2018		(NONE)	11/28/2015		S55183 (GEN)	573
7901001QA	H	08/22/2016	1	ROCHESTER		Y	MD8085AH/BQA	402
7901101CA	E	02/17/1994		(NONE)	04/01/2009		4013B (GEN)	158
7901101DA	E	02/17/1994		(NONE)			4013B (GEN)	158
7901102CA	E	02/17/1994		(NONE)			4013B (GEN)	158
7901102DA	E	02/17/1994		(NONE)			4013B (GEN)	158
7901103CA	E	02/17/1994		(NONE)			4013B (GEN)	158
7901201EA	A	02/27/1986		(NONE)			4021B (GEN)	225
7901201FA	A	02/27/1986		(NONE)			4021B (GEN)	225

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7901301CA	H	05/23/2018	1	E2V		Y	CD4023BMJ/883B	102
7901301DA	H	05/23/2018	1	E2V		Y	CD4023BMW/883	102
7901302CA	H	05/23/2018		(NONE)			14023B (GEN)	102
7901302DA	H	05/23/2018		(NONE)			14023B (GEN)	102
7901401EA	B	05/12/1987		(NONE)			4049UB (GEN)	541
7901401FA	B	05/12/1987		(NONE)			4049UB (GEN)	541
7901501EA	L	04/25/2018	2	E2V		Y	CD4052BMJ/883	192
7901501FA	L	04/25/2018	2	E2V		Y	CD4052BMW/883	192
7901502EA	L	04/25/2018	1	TI		Y	CD4052BF3A	192
7901503EA	L	04/25/2018		(NONE)			14052B (GEN)	192
7901601EA	B	11/18/1992		(NONE)	09/30/1995		4557B (GEN)	234
7901601FA	B	11/18/1992		(NONE)			4557B (GEN)	234
7901701QA		07/10/1979		(NONE)			1854 (GEN)	590
7901801JA	E	03/12/2018		(NONE)			1823 (GEN)	608
7901901EA		06/13/1979		(NONE)			1853 (GEN)	284
7902401JA	E	10/16/2017	1	E2V		Y	R29633	657
79024023A	E	10/16/2017	1	E2V		Y	R29633	657
7902402JA	E	10/16/2017	1	E2V		Y	R29633	657
7902402KA	E	10/16/2017	1	E2V		Y	R29633	657
7902402LA	E	10/16/2017	1	E2V		Y	R29633	657
7902402XA	E	10/16/2017	1	E2V		Y	R29633	657
8000301UA	J	08/07/2014	1	E2V			Z0800104LMB	403
8000301XA	J	08/07/2014	1	E2V			Z0800104CMB	403
8000301ZA	J	08/07/2014		(NONE)			Z8001CPU (GEN)	403
8000302QA	J	08/07/2014	1	E2V			Z0800204CMB	403
8000302YA	J	08/07/2014	1	E2V			Z0800204LMB	403
8000303UA	J	08/07/2014	1	E2V			Z0800106LMB	403
8000303XA	J	08/07/2014	1	E2V			Z0800106LMB	403
8000303ZA	J	08/07/2014		(NONE)			Z8001ACPU (GEN)	403
8000304UA	J	08/07/2014	1	E2V			Z0800110LMB	403
8000304XA	J	08/07/2014	1	E2V			Z0800110CMB	403
8000304ZA	J	08/07/2014		(NONE)			Z8001B (GEN)	403
8000305QA	J	08/07/2014	1	E2V			Z0800210CMB	403
8000305YA	J	08/07/2014	1	E2V			Z0800210LMB	403
8000305YC	J	08/07/2014	1	E2V			Z0800210LMB	403
8000306QA	J	08/07/2014	1	E2V			Z0800206CMB	403
8000306YA	J	08/07/2014	1	E2V			Z0800206LMB	403
8001201JA	K	09/18/2017		(NONE)	12/24/1997		2732 (GEN)	659
8001202JA	K	09/18/2017		(NONE)				659
8001203JA	K	09/18/2017	1	ROCHESTER		D	MC2732A25/BJA	659
8001204JA	K	09/18/2017	1	ROCHESTER		D	MC2732A45/BJA	659
8001205JA	K	09/18/2017		(NONE)				659
8001206JA	K	09/18/2017		(NONE)				659
8001207JA	K	09/18/2017		(NONE)				659
8001208JA	K	09/18/2017		(NONE)				659
8001209JA	K	09/18/2017		(NONE)				659
8001210JA	K	09/18/2017		(NONE)				659
8001211JA	K	09/18/2017		(NONE)				659
8001301ZA	U	01/17/2017	1	SPECTRUM (1)		Y	FLH0032G/883	722

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8001301ZC	U	01/17/2017	1	ANAREN		Y MSK0032B		722
8001302ZA	U	01/17/2017		(NONE)		MSK0032B (GEN)		722
8001302ZC	U	01/17/2017	1	ANAREN		Y MSK0032B		722
8001401ZA	P	03/09/2018	1	SPECTRUM (1)		Y FLH0033G/883		738
8001401ZC	P	03/09/2018	1	ANAREN		Y MSK0033B		738
80016012A	E	07/08/2014		(NONE)	10/05/2004	HA-2420 (GEN)		818
8001601CA	E	07/08/2014	1	RENESAS		Y HA1-2420/883		818
8001701EA	E	02/21/2017		TI		Y SNJ54LS166AJ		225
8001701FA	E	02/21/2017		TI		Y SNJ54LS166AW		225
8001801EA	G	05/12/2017		(NONE)		54LS168 (GEN)		301
8001801FA	G	05/12/2017		(NONE)		54LS168 (GEN)		301
80018022A	G	05/12/2017	1	LANSDALE		Y SL54LS169/B2A		304
80018022A	G	05/12/2017	3	TI		Y SNJ54LS169FK		304
80018022C	G	05/12/2017	1	LANSDALE		Y SL54LS169/B2C		304
8001802EA	G	05/12/2017	1	LANSDALE		Y SL54LS169/BEA		304
8001802EA	G	05/12/2017	3	TI		Y SNJ54LS169BJ		304
8001802FA	G	05/12/2017	1	LANSDALE		Y SL54LS169/BFA		304
8001802FA	G	05/12/2017	3	TI		Y SNJ54LS169BW		304
80019012A	H	03/10/2017	1A	E2V		Y QP54LS09/B2A		111
80019012A	H	03/10/2017	1	LANSDALE		Y SL54LS09/B2A		111
80019012A	H	03/10/2017		TI		Y SNJ54LS09FK		111
80019012C	H	03/10/2017	1A	E2V		Y QP54LS09/B2C		111
80019012C	H	03/10/2017	1	LANSDALE		Y SL54LS09/B2C		111
8001901CA	H	03/10/2017	1A	E2V		Y QP54LS09/BCA		111
8001901CA	H	03/10/2017	1	LANSDALE		Y SL54LS09/BCA		111
8001901CA	H	03/10/2017		TI		Y SNJ54LS09J		111
8001901DA	H	03/10/2017	1A	E2V		Y QP54LS09/BDA		111
8001901DA	H	03/10/2017	1	LANSDALE		Y SL54LS09/BDA		111
8001901DA	H	03/10/2017		TI		Y SNJ54LS09W		111
80020012A	G	02/24/2017		(NONE)		54LS242 (GEN)		590
8002001CA	G	02/24/2017		(NONE)		54LS242 (GEN)		590
8002001DA	G	02/24/2017		(NONE)		54LS242 (GEN)		590
80020022A	G	02/24/2017		(NONE)		54LS243 (GEN)		590
8002002CA	G	02/24/2017	1	TI		Y SNJ54LS243J		590
8002002DA	G	02/24/2017	1	TI		Y SNJ54LS243W		590
80021012A	K	12/15/2017	1	TI		Y SNJ54LS245FK		590
5962-8002101VRA	K	12/15/2017		(NONE)	11/28/2015	54LS245 (GEN)		590
5962-8002101VSA	K	12/15/2017	1	TI		Y SNV54LS245W		590
8002101SA	K	12/15/2017	1	TI		Y SNJ54LS245W		590
80022012A	F	10/03/2016	1	LANSDALE		Y SL54S251/B2A		272
80022012C	F	10/03/2016	1	LANSDALE		Y SL54S251/B2C		272
8002201EA	F	10/03/2016	1	LANSDALE		Y SL54S251/BEA		272
8002201FA	F	10/03/2016	1	LANSDALE		Y SL54S251/BFA		272
8002301EA	D	11/24/2014	1	LANSDALE		Y SL54S258/BEA		276
8002301EA	D	11/24/2014	1	SRI		Y GEM08801QEA		276
8002301EA	D	11/24/2014	1	TI		Y SNJ54S258J		276
8002301EC	D	11/24/2014	1	SRI		Y GEM08801QEC		276
8002301FA	D	11/24/2014	1	LANSDALE		Y SL54S258/BFA		276
8002301FA	D	11/24/2014	1	SRI		Y GEM08801QFA		276

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8002301FA	D	11/24/2014	1	TI		Y	SNJ54S258W	276
8002301FC	D	11/24/2014	1	SRI		Y	GEM08801QFC	276
8002501EA	D	12/10/2014	1	LANSDALE		Y	SL54LS170/BEA	600
8002501FA	D	12/10/2014	1	LANSDALE		Y	SL54LS170/BFA	600
8002501FA	D	12/10/2014	1	TI		Y	SNJ54LS170W	600
8002601EA	C	11/24/2014	1	ROCHESTER		Y	54LS261/BEA	208
8002601FA	C	11/24/2014	1	ROCHESTER		Y	54LS261/BFA	208
8003701CA	F	07/17/2014	1	ROCHESTER		Y	LM106J/883	771
8003701DA	F	07/17/2014	1	ROCHESTER		Y	LM106W/883	771
8003701GA	F	07/17/2014	1	ROCHESTER		Y	LM106H/883	771
8003701PA	F	07/17/2014	1	ROCHESTER		Y	LM106JT/883	771
80041012A	F	06/22/2017		(NONE)			DS7831 (GEN)	565
8004101EA	F	06/22/2017		(NONE)	12/01/2004		DS7831 (GEN)	565
8004101FA	F	06/22/2017		(NONE)	12/01/2004		DS7831 (GEN)	565
80041022A	F	06/22/2017	1	ROCHESTER		Y	DS7832E/883B	565
8004102EA	F	06/22/2017	1	ROCHESTER		Y	DS7832J/883B	565
8004102FA	F	06/22/2017	1	ROCHESTER		Y	DS7832W/883B	565
8100601AA	K	07/20/2017		(NONE)			HI5040 (GEN)	180
8100601EA	K	07/20/2017		(NONE)			IH5040 (GEN)	180
8100602AA	K	07/20/2017		(NONE)			IH5041 (GEN)	181
8100602EA	K	07/20/2017		(NONE)			IH5041 (GEN)	181
8100602IA	K	07/20/2017		(NONE)			DG5141 (GEN)	181
8100603AA	K	07/20/2017		(NONE)			IH5042 (GEN)	185
8100603EA	K	07/20/2017	1	MAXIM INTEG.			IH5042MJE/883B	185
8100604AA	K	07/20/2017		(NONE)			IH5043 (GEN)	186
8100604EA	K	07/20/2017	1	MAXIM INTEG.			IH5043MJE/883B	186
8100604EA	K	07/20/2017	1	ROCHESTER		Y	IH5043MJE/883B	186
8100605AA	K	07/20/2017		(NONE)			IH5044 (GEN)	187
8100605EA	K	07/20/2017		(NONE)			IH5044 (GEN)	187
8100605IA	K	07/20/2017		(NONE)			DG5144 (GEN)	187
8100606AA	K	07/20/2017		(NONE)			IH5045 (GEN)	188
8100606EA	K	07/20/2017		(NONE)			IH5045 (GEN)	188
8100606XC	K	07/20/2017		(NONE)	05/18/2010		IH5045 (GEN)	188
8100607AA	K	07/20/2017		(NONE)			IH5046 (GEN)	190
8100607EA	K	07/20/2017		(NONE)			IH5046 (GEN)	190
8100608AA	K	07/20/2017		(NONE)			IH5047 (GEN)	191
8100608EA	K	07/20/2017		(NONE)	05/18/2010		IH5047 (GEN)	191
8100609EA	K	07/20/2017		(NONE)			IH5140 (GEN)	180
8100609IA	K	07/20/2017		(NONE)			DG5140 (GEN)	180
8100610EA	K	07/20/2017	1	MAXIM INTEG.			IH5141MJE/883B	186
8100610IA	K	07/20/2017		(NONE)			DG5141 (GEN)	186
8100611EA	K	07/20/2017	1	ROCHESTER		Y	IH5142MJE/883B	185
81006122A	K	07/20/2017		(NONE)	12/10/2015		HI-5043 (GEN)	186
8100612EA	K	07/20/2017	1	MAXIM INTEG.			IH5143MJE/883B	186
8100612EA	K	07/20/2017	1	ROCHESTER		Y	IH5143MJE/883B	186
8100613EA	K	07/20/2017		(NONE)			IH5144 (GEN)	187
8100613IA	K	07/20/2017		(NONE)			DG5144 (GEN)	187
81006142A	K	07/20/2017		(NONE)	09/29/1995		HI5045 (GEN)	188
8100614EA	K	07/20/2017	1	MAXIM INTEG.			IH5145MJE/883B	188

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8100615EA	K	07/20/2017		(NONE)	12/24/2000		HI-5046 (GEN)	190
8100616EA	K	07/20/2017	1	MAXIM INTEG.			IH5047MJE/883B	191
8100617EA	K	07/20/2017	1	RENESAS		Y	HI1-5046A/883	190
8100618EA	K	07/20/2017		(NONE)	12/24/2000		HI-5047A (GEN)	191
8100619EA	K	07/20/2017		(NONE)			IH5148 (GEN)	181
81006202A	K	07/20/2017		(NONE)	09/29/1995		HI5049 (GEN)	188
8100620EA	K	07/20/2017	1	MAXIM INTEG.			IH5149MJE/883B	188
8100621EA	K	07/20/2017	1	MAXIM INTEG.			IH5150MJE/883B	185
81006222A	K	07/20/2017		(NONE)	12/10/2015		HI-5051 (GEN)	186
8100622EA	K	07/20/2017	1	MAXIM INTEG.			IH5151MJE/883B	186
8100622EA	K	07/20/2017	1	ROCHESTER		Y	HI1-5051/883	186
8100801JA	B	06/03/2008		(NONE)			562 (GEN)	591
8100802JA	B	06/03/2008		(NONE)			563 (GEN)	591
8101501FA	D	06/22/2012		(NONE)				617
8101601EA	G	02/24/2014		(NONE)	12/03/2002		4029B (GEN)	319
8101601FA	G	02/24/2014		(NONE)			4029B (GEN)	319
8101602EA	G	02/24/2014	1	TI		Y	CD4029BF3A	319
8101701EA	J	07/25/2018	1	TI		Y	CD4035BF3A	222
8101701FA	J	07/25/2018		(NONE)			4035B (GEN)	222
8101702EA	J	07/25/2018		(NONE)			4035B (GEN)	222
8101801EA	K	07/25/2018	1	TI		Y	CD4053BF3A	199
8101801FA	K	07/25/2018		(NONE)			4053B (GEN)	199
8101802EA	K	07/25/2018		(NONE)	09/30/1995		4053B (GEN)	199
8101803EA	K	07/25/2018		(NONE)			4053B (GEN)	199
8101803FA	K	07/25/2018		(NONE)	06/07/2000		4053B (GEN)	199
8101901EA	B	12/14/1984		(NONE)			4042B (GEN)	340
8102001CA	G	11/22/2013	1	TI		Y	CD4047BF3A	165
8102001DA	G	11/22/2013		(NONE)			4047B (GEN)	165
8102002CA	G	11/22/2013		(NONE)			4047B (GEN)	165
8102002DA	G	11/22/2013		(NONE)			4047B (GEN)	165
81021012A	F	04/07/2017	1	TI		Y	SNJ54LS629FK	815
8102101EA	F	04/07/2017	1	TI		Y	SNJ54LS629J	815
8102101FA	F	04/07/2017	1	TI		Y	SNJ54LS629W	815
81023012A	N	03/21/2017		(NONE)	12/31/2001		TL061 (GEN)	703
8102301GA	N	03/21/2017		(NONE)			TL061 (GEN)	703
8102301HA	N	03/21/2017		(NONE)			TL061 (GEN)	703
8102301PA	N	03/21/2017		(NONE)	12/31/2001		TL061 (GEN)	703
81023022A	N	03/21/2017	2	TI		Y	TL062MFKB	710
8102302CA	N	03/21/2017		(NONE)			TL062 (GEN)	710
8102302GA	N	03/21/2017		(NONE)			TL062 (GEN)	710
8102302HA	N	03/21/2017		(NONE)	11/28/2015		TL062M (GEN)	710
8102302PA	N	03/21/2017	2	TI		Y	TL062MJGB	710
81023032A	N	03/21/2017	2	TI		Y	TL064MFKB	713
8102303CA	N	03/21/2017	2	TI		Y	TL064MJB	713
8102303DA	N	03/21/2017	2	TI		Y	TL064MWB	713
81023042A	N	03/21/2017		(NONE)	12/31/2001		TL071 (GEN)	703
8102304GA	N	03/21/2017		(NONE)			TL071 (GEN)	703
8102304HA	N	03/21/2017		(NONE)			TL071 (GEN)	703
8102304PA	N	03/21/2017		(NONE)	12/31/2001		TL071 (GEN)	703



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81023052A	N	03/21/2017	1	TI		Y TL072MFKB		710
8102305CA	N	03/21/2017		(NONE)		TL072 (GEN)		710
8102305GA	N	03/21/2017		(NONE)		TL072 (GEN)		710
8102305HA	N	03/21/2017	1	TI		Y TL072MUB		710
8102305PA	N	03/21/2017	1	TI		Y TL072MJGB		710
81023062A	N	03/21/2017	1	TI		Y TL074MFKB		713
8102306CA	N	03/21/2017	1	TI		Y TL074MJB		713
8102306DA	N	03/21/2017	1	TI		Y TL074MWB		713
8102401VA	H	01/22/2018		(NONE)				612
8102401XA	H	01/22/2018		(NONE)				612
8102402VA	H	01/22/2018		(NONE)	03/25/2001		HM-6514S (GEN)	612
8102402XA	H	01/22/2018		(NONE)				612
8102403VA	H	01/22/2018		(NONE)			HM-6504B (GEN)	612
8102403XA	H	01/22/2018		(NONE)				612
8102404VA	H	01/22/2018		(NONE)				612
8102404XA	H	01/22/2018		(NONE)				612
8102405VA	H	01/22/2018		(NONE)				612
8102405XA	H	01/22/2018		(NONE)				612
8102406VA	H	01/22/2018		(NONE)	03/25/2001		HM1-6514 (GEN)	612
8102406XA	H	01/22/2018		(NONE)				612
8102407YA	H	01/22/2018		(NONE)				612
8102408VA	H	01/22/2018		(NONE)			3611143 (GEN)	612
8102409VA	H	01/22/2018		(NONE)			3611150 (GEN)	612
8102801EA	R	01/23/2019	3	AVAGO		Y 6N134/883B#200		460
8102801EC	R	01/23/2019	3	AVAGO		Y 6N134/883B		460
8102801TA	R	01/23/2019	3	AVAGO		Y 6N134/883B#300		460
8102801UA	R	01/23/2019	3	AVAGO		Y 6N134/883B#100		460
8102801UC	R	01/23/2019	3	AVAGO		Y 6N134/883B#100		460
8102801XA	R	01/23/2019		(NONE)		66072 (GEN)		460
8102802PA	R	01/23/2019	3	AVAGO		Y HCPL-5631#200		460
8102802PC	R	01/23/2019	3	AVAGO		Y HCPL-5631		460
8102802YA	R	01/23/2019	3	AVAGO		Y HCPL-5631#100		460
8102802YC	R	01/23/2019	3	AVAGO		Y HCPL-5631#100		460
8102802ZA	R	01/23/2019	3	AVAGO		Y HCPL-5631#300		460
81028032A	R	01/23/2019	3	AVAGO		Y HCPL-6631		460
8102804FC	R	01/23/2019	3	AVAGO		Y HCPL-6651		460
8102805PA	R	01/23/2019	3	AVAGO		Y HCPL-5651#200		460
8102805PC	R	01/23/2019	3	AVAGO		Y HCPL-5651		460
81035012A	G	11/26/2018		(NONE)		PAL10H8 (GEN)		431
8103501RA	G	11/26/2018		(NONE)		PAL10H8 (GEN)		431
8103501SA	G	11/26/2018		(NONE)		PAL10H8 (GEN)		431
81035022A	G	11/26/2018		(NONE)		PAL12H6 (GEN)		431
8103502RA	G	11/26/2018		(NONE)		PAL12H6 (GEN)		431
8103502SA	G	11/26/2018		(NONE)		PAL12H6 (GEN)		431
81035032A	G	11/26/2018		(NONE)		PAL14H4 (GEN)		431
8103503RA	G	11/26/2018		(NONE)		PAL14H4 (GEN)		431
8103503SA	G	11/26/2018		(NONE)		PAL14H4 (GEN)		431
81035042A	G	11/26/2018		(NONE)		PAL16H2 (GEN)		431
8103504RA	G	11/26/2018		(NONE)		PAL16H2 (GEN)		431

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8103504SA	G	11/26/2018		(NONE)			PAL16H2 (GEN)	431
81035052A	G	11/26/2018		(NONE)			PAL16C1 (GEN)	431
8103505RA	G	11/26/2018		(NONE)			PAL16C1 (GEN)	431
8103505SA	G	11/26/2018		(NONE)			PAL16C1 (GEN)	431
81035062A	G	11/26/2018		(NONE)			PAL10L8 (GEN)	431
8103506RA	G	11/26/2018		(NONE)			PAL10L8 (GEN)	431
8103506SA	G	11/26/2018		(NONE)			PAL10L8 (GEN)	431
81035072A	G	11/26/2018		(NONE)			PAL12L6 (GEN)	431
8103507RA	G	11/26/2018		(NONE)			PAL12L6 (GEN)	431
8103507SA	G	11/26/2018		(NONE)			PAL12L6 (GEN)	431
81035082A	G	11/26/2018		(NONE)			PAL14L4 (GEN)	431
8103508RA	G	11/26/2018		(NONE)			PAL14L4 (GEN)	431
8103508SA	G	11/26/2018		(NONE)			PAL14L4 (GEN)	431
81035092A	G	11/26/2018		(NONE)			PAL16L2 (GEN)	431
8103509RA	G	11/26/2018		(NONE)			PAL16L2 (GEN)	431
8103509SA	G	11/26/2018		(NONE)			PAL16L2 (GEN)	431
8103510RA	G	11/26/2018		(NONE)			PAL10H8A (GEN)	431
8103511RA	G	11/26/2018		(NONE)			PAL12H6A (GEN)	431
8103512RA	G	11/26/2018		(NONE)			PAL14H4A (GEN)	431
8103513RA	G	11/26/2018		(NONE)			PAL16H2A (GEN)	431
8103514RA	G	11/26/2018		(NONE)			PAL10L8A (GEN)	431
8103515RA	G	11/26/2018		(NONE)			PAL12L6A (GEN)	431
8103516RA	G	11/26/2018		(NONE)			PAL14L4A (GEN)	431
8103517RA	G	11/26/2018		(NONE)			PAL16L2A (GEN)	431
81036012A	N	12/13/2017		(NONE)			PAL16L8 (GEN)	431
8103601RA	N	12/13/2017		(NONE)			PAL16L8 (GEN)	431
81036022A	N	12/13/2017		(NONE)			PAL16R8 (GEN)	431
8103602RA	N	12/13/2017		(NONE)			PAL16R8 (GEN)	431
81036032A	N	12/13/2017		(NONE)			PAL16R6 (GEN)	431
8103603RA	N	12/13/2017		(NONE)			PAL16R6 (GEN)	431
81036042A	N	12/13/2017		(NONE)			PAL16R4 (GEN)	431
8103604RA	N	12/13/2017		(NONE)			PAL16R4 (GEN)	431
81036052A	N	12/13/2017		(NONE)			PAL16X4 (GEN)	431
8103605RA	N	12/13/2017		(NONE)			PAL16X4 (GEN)	431
81036062A	N	12/13/2017		(NONE)			PAL16A4 (GEN)	431
8103606RA	N	12/13/2017		(NONE)			PAL16A4 (GEN)	431
81036072A	N	12/13/2017	2	TI		Y	PAL16L8AMFKB	431
8103607RA	N	12/13/2017		TI		Y	PAL16L8AMJB	431
8103607SA	N	12/13/2017	2	TI		Y	PAL16L8AMWB	431
81036082A	N	12/13/2017		TI		Y	PAL16R8AMFKB	431
8103608RA	N	12/13/2017		TI		Y	PAL16R8AMJB	431
8103608SA	N	12/13/2017		(NONE)	11/28/2015		PAL16R8A (GEN)	431
81036092A	N	12/13/2017		TI		Y	PAL16R6AMFKB	431
8103609RA	N	12/13/2017		TI		Y	PAL16R6AMJB	431
8103609SA	N	12/13/2017		(NONE)	11/28/2015		PAL16R6A (GEN)	431
81036102A	N	12/13/2017		TI		Y	PAL16R4AMFKB	431
8103610RA	N	12/13/2017		TI		Y	PAL16R4AMJB	431
8103610SA	N	12/13/2017		TI		Y	PAL16R4AMWB	431
81036112A	N	12/13/2017		TI		Y	PAL16L8A-2MFKB	431

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8103611RA	N	12/13/2017		TI		Y	PAL16L8A-2MJB	431
8103611SA	N	12/13/2017		(NONE)	11/28/2015		PAL16L8A-2 (GEN)	431
81036122A	N	12/13/2017		(NONE)	03/05/2011		PAL16R8A-2 (GEN)	431
8103612RA	N	12/13/2017		(NONE)	03/05/2011		PAL16R8A-2 (GEN)	431
8103612SA	N	12/13/2017		(NONE)	03/05/2011		PAL16R8A-2 (GEN)	431
81036132A	N	12/13/2017		(NONE)	03/05/2011		PAL16R6A-2 (GEN)	431
8103613RA	N	12/13/2017		(NONE)	03/05/2011		PAL16R6A-2 (GEN)	431
8103613SA	N	12/13/2017		(NONE)	03/05/2011		PAL16R6A-2 (GEN)	431
81036142A	N	12/13/2017	1	TI		Y	PAL16R4A-2MFKB	431
8103614RA	N	12/13/2017		TI		Y	PAL16R4A-2MJB	431
8103614SA	N	12/13/2017		(NONE)	11/28/2015		PAL16R4A-2 (GEN)	431
8103901JA	J	04/09/2018		(NONE)				616
8103901ZA	J	04/09/2018		(NONE)				616
8103902JA	J	04/09/2018		(NONE)				616
8103902ZA	J	04/09/2018		(NONE)				616
8103903JA	J	04/09/2018		(NONE)				616
8103903ZA	J	04/09/2018		(NONE)				616
8103904JA	J	04/09/2018		(NONE)				616
8103904ZA	J	04/09/2018		(NONE)				616
8103905JA	J	04/09/2018		(NONE)				616
8103905ZA	J	04/09/2018		(NONE)				616
8103906JA	J	04/09/2018		(NONE)				616
8103907JA	J	04/09/2018		(NONE)				616
8103908JA	J	04/09/2018		(NONE)				616
8200501YA	G	09/22/2017		(NONE)			2764-450 (GEN)	660
8200501ZA	G	09/22/2017		(NONE)			2764-450 (GEN)	660
8200502YA	G	09/22/2017		(NONE)			2764-250 (GEN)	660
8200502ZA	G	09/22/2017		(NONE)			2764-250 (GEN)	660
8200503YA	G	09/22/2017	1	ROCHESTER		D	MC2764A-35/BYA	660
8200503ZA	G	09/22/2017	1	ROCHESTER		D	MR2764A-35/BZA	660
8200504YA	G	09/22/2017	1	ROCHESTER		D	MC2764A-25/BYA	660
8200504ZA	G	09/22/2017	1	ROCHESTER		D	MR2764A-25/BZA	660
8200505YA	G	09/22/2017		(NONE)			2764A-20 (GEN)	660
8200505ZA	G	09/22/2017		(NONE)			2764A-20 (GEN)	660
8200506YA	G	09/22/2017		(NONE)			2764-150 (GEN)	660
8200507YA	G	09/22/2017		(NONE)			2764-200 (GEN)	660
8200701RA	E	04/15/2018	0	SRI		Y	GEM43001QRA	616
8200701RC	E	04/15/2018	0	SRI		Y	GEM43001QRC	616
8200702RA	E	04/15/2018	0	SRI		Y	GEM43002QRA	616
8200702RC	E	04/15/2018	0	SRI		Y	GEM43002QRC	616
8200702XA	E	04/15/2018		(NONE)			2167-70 (GEN)	616
8200703RA	E	04/15/2018	0	SRI		Y	GEM43003QRA	616
8200703RC	E	04/15/2018	0	SRI		Y	GEM43003QRC	616
8200703XA	E	04/15/2018		(NONE)			2167-55 (GEN)	616
8200704RA	E	04/15/2018		(NONE)			2167-45 (GEN)	616
8200704XA	E	04/15/2018		(NONE)			2167-40 (GEN)	616
82008013A	M	09/16/2017	1	E2V		Y	R29771	659
82008013A	M	09/16/2017	1	LANSDALE		Y	SL82HS32131	659
8200801JA	M	09/16/2017	1	E2V		Y	R29771	659

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8200801JA	M	09/16/2017	1	LANSDALE		Y SL82HS321J1		659
8200801KA	M	09/16/2017	1	LANSDALE		Y SL82HS321K1		659
8200801LA	M	09/16/2017	1	E2V		Y R29771		659
8200801XA	M	09/16/2017		(NONE)		R29771 (GEN)		659
82008023A	M	09/16/2017	1	LANSDALE		Y SL82HS32131		659
8200802JA	M	09/16/2017	1	LANSDALE		Y SL82HS321J1		659
8200802KA	M	09/16/2017	1	LANSDALE		Y SL82HS321K1		659
8200802XA	M	09/16/2017		(NONE)		27S43A (GEN)		659
82008033A	M	09/16/2017		LANSDALE		Y SL82HS32131		659
8200803JA	M	09/16/2017		LANSDALE		Y SL82HS321J1		659
8200803KA	M	09/16/2017		LANSDALE		Y SL82HS321K1		659
82008043A	M	09/16/2017	1	E2V		Y R29771		659
82008043A	M	09/16/2017	1	LANSDALE		Y SL82HS321/B3A		659
8200804JA	M	09/16/2017	1	E2V		Y R29771		659
8200804JA	M	09/16/2017	1	LANSDALE		Y SL82HS321/BJA		659
8200804KA	M	09/16/2017	1	LANSDALE		Y SL82HS321/BKA		659
8200804LA	M	09/16/2017	1	E2V		Y R29771		659
82009013A	M	01/12/2018		(NONE)		R29791 (GEN)		660
8200901JA	M	01/12/2018		(NONE)		R29791 (GEN)		660
8200901KA	M	01/12/2018		(NONE)		R29791 (GEN)		660
8200901LA	M	01/12/2018		(NONE)		R29791 (GEN)		660
8200901XA	M	01/12/2018		(NONE)		R29791 (GEN)		660
8200901ZA	M	01/12/2018		(NONE)		R29791 (GEN)		660
82009023A	M	01/12/2018		(NONE)	06/01/1997	82HS641A (GEN)		660
8200902JA	M	01/12/2018		(NONE)		82HS641A (GEN)		660
8200902KA	M	01/12/2018		(NONE)	08/02/1996	27S49A (GEN)		660
8200902LA	M	01/12/2018		(NONE)		93667-55 (GEN)		660
8200902ZA	M	01/12/2018		(NONE)		27S49A (GEN)		660
82009033A	M	01/12/2018		(NONE)		82HS641B (GEN)		660
8200903JA	M	01/12/2018		(NONE)		82HS641B (GEN)		660
8200903LA	M	01/12/2018		(NONE)		93667-45 (GEN)		660
8201001EA	J	10/26/2017		(NONE)		4564-82 (GEN)		621
8201002EA	J	10/26/2017		(NONE)		4564-82 (GEN)		621
8201003EA	J	10/26/2017		(NONE)		4564-83 (GEN)		621
8201004EA	J	10/26/2017		(NONE)		4264-15 (GEN)		621
8201004ZA	J	10/26/2017		(NONE)		4264-15 (GEN)		621
8201005EA	J	10/26/2017		(NONE)		4264-20 (GEN)		621
8201005ZA	J	10/26/2017		(NONE)		4264-20 (GEN)		621
8201006EA	J	10/26/2017	1	ROCHESTER		Y 4164-15JDS/BEA		621
8201006ZA	J	10/26/2017	1	ROCHESTER		Y 4164-15FGS/BZA		621
8201007EA	J	10/26/2017	1	ROCHESTER		Y 4164-20JDS/BEA		621
8201007ZA	J	10/26/2017	1	ROCHESTER		Y 4164-20FGS/BZA		621
8201008EA	J	10/26/2017	1	ROCHESTER		Y 4164-12JDS/BEA		621
8201008ZA	J	10/26/2017	1	ROCHESTER		Y 4164-12FGS/BZA		621
8201009EA	J	10/26/2017		(NONE)		9064-15 (GEN)		621
8201010EA	J	10/26/2017		(NONE)		9064-15 (GEN)		621
8202101TA	F	10/05/1992		(NONE)		68000-6 (GEN)		403
8202101YA	F	10/05/1992		(NONE)		68000-6 (GEN)		403
8202101ZA	F	10/05/1992		(NONE)		68000-6 (GEN)		403

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8202102TA	F	10/05/1992		(NONE)		68000-8 (GEN)		403
8202102UC	F	10/05/1992		(NONE)	09/30/1995	68000-8 (GEN)		403
8202102XA	F	10/05/1992		(NONE)	09/30/1995	68000-8 (GEN)		403
8202102YC	F	10/05/1992		(NONE)		68000-8 (GEN)		403
8202102ZC	F	10/05/1992		(NONE)		68000-8 (GEN)		403
8202103TA	F	10/05/1992		(NONE)		68000-10 (GEN)		403
8202103UC	F	10/05/1992		(NONE)	09/30/1995	68000-10 (GEN)		403
8202103XA	F	10/05/1992		(NONE)	09/30/1995	68000-10 (GEN)		403
8202103YA	F	10/05/1992		(NONE)		68000-10 (GEN)		403
8202103ZA	F	10/05/1992		(NONE)		68000-10 (GEN)		403
8202104TA	F	10/05/1992		(NONE)		68000-12 (GEN)		403
8202104XA	F	10/05/1992		(NONE)		68000-12 (GEN)		403
8202104YA	F	10/05/1992		(NONE)		68000-12 (GEN)		403
8202104ZA	F	10/05/1992		(NONE)		68000-12 (GEN)		403
8202201EA	C	02/23/2016	0	SRI		Y GEM41901QEA		159
8202201EC	C	02/23/2016	0	SRI		Y GEM41901QEC		159
8202201FA	C	02/23/2016	0	SRI		Y GEM41901QFA		159
8202201FC	C	02/23/2016	0	SRI		Y GEM41901QFC		159
8202501YA	K	11/01/2017		(NONE)		27128-450 (GEN)		661
8202501ZA	K	11/01/2017		(NONE)		27128-450 (GEN)		661
8202502YA	K	11/01/2017		(NONE)		27128-250 (GEN)		661
8202502ZA	K	11/01/2017		(NONE)		27128-250 (GEN)		661
8202503YA	K	11/01/2017	1	ROCHESTER		Y MC27128A-20/BYA		661
8202503ZA	K	11/01/2017	1	ROCHESTER		Y MR27128A-20/BZA		661
8202504YA	K	11/01/2017	1	ROCHESTER		Y MC27128A-30/BYA		661
8202504ZA	K	11/01/2017	1	ROCHESTER		Y MR27128A-30/BZA		661
8202505YA	K	11/01/2017	1	ROCHESTER		Y MC27128A-25/BYA		661
8202505ZA	K	11/01/2017	1	ROCHESTER		Y MR27128A-25/BZA		661
8202506YA	K	11/01/2017	1	ROCHESTER		Y MC27128A-15/BYA		661
8202506ZA	K	11/01/2017	1	ROCHESTER		Y MR27128A-15/BZA		661
8202507YA	K	11/01/2017	1	ROCHESTER		Y MC27128A-11/BYA		661
8202507ZA	K	11/01/2017	1	ROCHESTER		Y MR27128A-11/BZA		661
8202508YA	K	11/01/2017		(NONE)		27128-200 (GEN)		661
8202508ZA	K	11/01/2017		(NONE)		27128-200 (GEN)		661
8202509YA	K	11/01/2017		(NONE)		27128-300 (GEN)		661
8202509ZA	K	11/01/2017		(NONE)		27128-300 (GEN)		661
82036012A	G	11/08/2016	1	ROCHESTER		Y OP07AE/883		701
8203601GA	G	11/08/2016	1	ROCHESTER		Y OP07AH/883		701
8203601PA	G	11/08/2016	1	ROCHESTER		Y OP07AJ/883		701
82036022A	G	11/08/2016	1	ROCHESTER		Y OP07E/883		701
8203602GA	G	11/08/2016	1	ROCHESTER		Y OP07H/883		701
8203602PA	G	11/08/2016	1	ROCHESTER		Y OP07J/883		701
8300101QA	E	04/23/2013	1	E2V		Z0853604CMB		421
8300101YA	E	04/23/2013	1	E2V		Z0853604LMB		421
8300102QA	E	04/23/2013	1	E2V		Z0853606CMB		421
8300102YA	E	04/23/2013		(NONE)		Z08536 (GEN)		421
8300201JA	H	12/06/2006		(NONE)	08/29/2003	DAC87 (GEN)		591
8300201JC	H	12/06/2006		(NONE)	08/29/2003	DAC87 (GEN)		591
8300201XA	H	12/06/2006		(NONE)		DAC87 (GEN)		591

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8300301JA	C	12/16/2005		(NONE)			DAC87 (GEN)	591
8301301QA	D	04/13/1995		(NONE)	06/03/1997		NSC800 (GEN)	402
8301301ZA	D	04/13/1995		(NONE)	06/03/1997		NSC800 (GEN)	402
8301302QA	D	04/13/1995		(NONE)	06/03/1997		NSC800 (GEN)	402
8301302ZA	D	04/13/1995		(NONE)	06/03/1997		NSC800 (GEN)	402
8301501QA	D	01/21/1989		(NONE)			Z8442A (GEN)	420
8301502QA	D	01/21/1989		(NONE)			Z8442 (GEN)	420
8301601XA	D	01/21/1989		(NONE)			Z8430A (GEN)	424
8301602XA	D	01/21/1989		(NONE)			Z8430 (GEN)	424
83017013A	H	04/14/2017	1	LANSDALE		Y	SL54LS154/B3A	280
83017013C	H	04/14/2017	1	LANSDALE		Y	SL54LS154/B3C	280
8301701JA	H	04/14/2017	1	LANSDALE		Y	SL54LS154/BJA	280
8301701KA	H	04/14/2017	1	LANSDALE		Y	SL54LS154/BKA	280
83019012A	H	04/14/2015		TI		Y	SNJ54ALS174FK	159
8301901EA	H	04/14/2015		TI		Y	SNJ54ALS174J	159
8301901FA	H	04/14/2015	2	TI		Y	SNJ54ALS174W	159
83019022A	H	04/14/2015		(NONE)	11/28/2015		54ALS175 (GEN)	159
8301902EA	H	04/14/2015		TI		Y	SNJ54ALS175J	159
8301902FA	H	04/14/2015		(NONE)	11/28/2015		54ALS175 (GEN)	159
83020012A	H	09/08/2017	2	TI		Y	SNJ54ALS373AFK	159
8302001RA	H	09/08/2017	2	TI		Y	SNJ54ALS373AJ	159
8302001SA	H	09/08/2017		(NONE)	11/28/2015		54ALS373A (GEN)	159
83020022A	H	09/08/2017	2	TI		Y	SNJ54ALS374AFK	159
8302002RA	H	09/08/2017	2	TI		Y	SNJ54ALS374AJ	159
8302002SA	H	09/08/2017	2	TI		Y	SNJ54ALS374AW	159
83021012A	J	01/11/2016	1	TI		Y	SNJ54ALS299FK	228
8302101RA	J	01/11/2016	1	TI		Y	SNJ54ALS299J	228
8302101SA	J	01/11/2016	1	TI		Y	SNJ54ALS299W	228
83021022A	J	01/11/2016		(NONE)	11/28/2015		54ALS323 (GEN)	228
8302102RA	J	01/11/2016	1	TI		Y	SNJ54ALS323J	228
8302102SA	J	01/11/2016	1	TI		Y	SNJ54ALS323W	228
83022012A	K	05/26/2017		TI		Y	SNJ54ALS161BFBK	304
8302201EA	K	05/26/2017		TI		Y	SNJ54ALS161BJ	304
8302201FA	K	05/26/2017	3	TI		Y	SNJ54ALS161BW	304
83022022A	K	05/26/2017		TI		Y	SNJ54ALS163BFBK	304
8302202EA	K	05/26/2017		TI		Y	SNJ54ALS163BJ	304
8302202FA	K	05/26/2017	2	TI		Y	SNJ54ALS163BW	304
83022032A	K	05/26/2017		(NONE)			54ALS561A (GEN)	304
8302203RA	K	05/26/2017		(NONE)	12/31/2001		54ALS561A (GEN)	304
8302203SA	K	05/26/2017		(NONE)			54ALS561A (GEN)	304
8302401EA	M	01/24/2019	3	AVAGO		Y	6N140A/883B#200	460
8302401EC	M	01/24/2019	3	AVAGO		Y	6N140A/883B	460
8302401FC	M	01/24/2019	3	AVAGO		Y	HCPL-6751	460
8302401XA	M	01/24/2019	3	AVAGO		Y	6N140A/883B#300	460
8302401YA	M	01/24/2019	3	AVAGO		Y	6N140A/883B#100	460
8302401YC	M	01/24/2019	3	AVAGO		Y	6N140A/883B#100	460
8302401ZA	M	01/24/2019	3	AVAGO		Y	6N140A/883B#600	460
8302401ZC	M	01/24/2019	3	AVAGO		Y	6N140A/883B#600	460
83025012A	J	05/26/2017		(NONE)	11/28/2015		54ALS169B (GEN)	304



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8302501EA	J	05/26/2017		TI		Y	SNJ54ALS169BJ	304
8302501FA	J	05/26/2017		TI		Y	SNJ54ALS169BW	304
83025022A	J	05/26/2017	1	TI		Y	SNJ54ALS569AFK	304
8302502RA	J	05/26/2017	1	TI		Y	SNJ54ALS569AJ	304
8302502SA	J	05/26/2017		(NONE)	11/28/2015		54ALS569A (GEN)	304
84000012A	E	09/08/2017	3	TI		Y	SNJ54ALS109AFK	152
8400001EA	E	09/08/2017	3	TI		Y	SNJ54ALS109AJ	152
8400001FA	E	09/08/2017		(NONE)			54ALS109A (GEN)	152
84000022A	E	09/08/2017		(NONE)	11/28/2015		54ALS112A (GEN)	156
8400002EA	E	09/08/2017		TI		Y	SNJ54ALS112AJ	156
8400002FA	E	09/08/2017		(NONE)			54ALS112A (GEN)	156
84001012A	L	06/24/2015	2	TI		Y	SNJ54ALS574BFK	159
8400101RA	L	06/24/2015	2	TI		Y	SNJ54ALS574BJ	159
8400101SA	L	06/24/2015	2	TI		Y	SNJ54ALS574BW	159
84001022A	L	06/24/2015	2	TI		Y	SNJ54ALS576BFK	159
8400102RA	L	06/24/2015	2	TI		Y	SNJ54ALS576BJ	159
8400102SA	L	06/24/2015		(NONE)	11/28/2015		54ALS576B (GEN)	159
84010013A	E	12/09/2014		(NONE)	11/28/2015		54ALS874B (GEN)	158
8401001KA	E	12/09/2014	2	TI		Y	SNJ54ALS874BW	158
8401001LA	E	12/09/2014	2	TI		Y	SNJ54ALS874BJT	158
84010023A	E	12/09/2014		(NONE)			54ALS876 (GEN)	158
8401002KA	E	12/09/2014		(NONE)			54ALS876 (GEN)	158
8401002LA	E	12/09/2014		(NONE)			54ALS876 (GEN)	158
84011012A	H	12/15/2017		TI		Y	SNJ54ALS74AFK	158
8401101AA	H	12/15/2017		(NONE)			54ALS74A (GEN)	158
8401101BA	H	12/15/2017		(NONE)			54ALS74A (GEN)	158
8401101CA	H	12/15/2017		TI		Y	SNJ54ALS74AJ	158
8401101DA	H	12/15/2017	2	TI		Y	SNJ54ALS74AW	158
84012012A	H	04/14/2017	2	TI		Y	SNJ54ALS573CFK	341
8401201RA	H	04/14/2017	2	TI		Y	SNJ54ALS573CJ	341
8401201SA	H	04/14/2017	2	TI		Y	SNJ54ALS573CW	341
84012022A	H	04/14/2017	2	TI		Y	SNJ54ALS580BFK	341
8401202RA	H	04/14/2017	2	TI		Y	SNJ54ALS580BJ	341
8401202SA	H	04/14/2017	2	TI		Y	SNJ54ALS580BW	341
84013012A	G	12/06/2017		(NONE)			54ALS242B (GEN)	590
8401301CA	G	12/06/2017		(NONE)			54ALS242B (GEN)	590
8401301DA	G	12/06/2017		(NONE)			54ALS242B (GEN)	590
84013022A	G	12/06/2017	2	TI		Y	SNJ54ALS243AFK	590
8401302CA	G	12/06/2017		(NONE)	11/28/2015		54ALS243A (GEN)	590
8401302DA	G	12/06/2017		(NONE)	11/28/2015		54ALS243A (GEN)	590
84030012A	F	03/25/2015	2	TI		Y	SNJ54ALS245AFK	590
8403001RA	F	03/25/2015	2	TI		Y	SNJ54ALS245AJ	590
8403001SA	F	03/25/2015	2	TI		Y	SNJ54ALS245AW	590
84031012A	E	03/25/2015	2	TI		Y	SNJ54ALS1034FK	513
8403101BA	E	03/25/2015		(NONE)			54ALS1034 (GEN)	513
8403101CA	E	03/25/2015		TI		Y	SNJ54ALS1034J	513
8403101DA	E	03/25/2015		(NONE)	11/28/2015		54ALS1034 (GEN)	513
84032013A	D	10/16/2014	2	TI		Y	SNJ54ALS873BFK	341
8403201KA	D	10/16/2014	2	TI		Y	SNJ54ALS873BW	341

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8403201LA	D	10/16/2014	2	TI		Y	SNJ54ALS873BJT	341
84032023A	D	10/16/2014		(NONE)			54ALS880 (GEN)	341
8403202KA	D	10/16/2014		(NONE)			54ALS880 (GEN)	341
8403202LA	D	10/16/2014		(NONE)			54ALS880 (GEN)	341
84033012A	E	03/25/2015		(NONE)	11/28/2015		54ALS645A (GEN)	590
8403301RA	E	03/25/2015	2	TI		Y	SNJ54ALS645AJ	590
8403301SA	E	03/25/2015	2	TI		Y	SNJ54ALS645AW	590
8403601JA	J	11/01/2017		(NONE)	03/25/2001		HM-6516 (GEN)	616
8403601ZA	J	11/01/2017		(NONE)	03/25/2001		HM-6516 (GEN)	616
8403602JA	J	11/01/2017	1	RENESAS		Y	HM1-65162/883	616
8403602ZA	J	11/01/2017		(NONE)	10/05/2004		HM-65162 (GEN)	616
84036033A	J	11/01/2017	1	PYRAMID		Y	P4C116L-90L28MB	616
8403603JA	J	11/01/2017	1	PYRAMID		Y	P4C116L-90CWMB	616
8403603JA	J	11/01/2017	1	RENESAS		Y	HM1-65162C/883	616
8403603KA	J	11/01/2017	1	PYRAMID		Y	P4C116L-90FSMB	616
8403603LA	J	11/01/2017	1	PYRAMID		Y	P4C116L-90CMB	616
8403603XA	J	11/01/2017	1	PYRAMID		Y	P4C116L-90L32MB	616
8403603YA	J	11/01/2017	1	PYRAMID		Y	P4C116L-90LMB	616
8403603ZA	J	11/01/2017		(NONE)			65162C (GEN)	616
8403604JA	J	11/01/2017		(NONE)			6116-82 (GEN)	616
8403604ZA	J	11/01/2017		(NONE)				616
8403605JA	J	11/01/2017		(NONE)			6116-83 (GEN)	616
8403605ZA	J	11/01/2017		(NONE)				616
8403606JA	J	11/01/2017	1	RENESAS		Y	HM1-65162B/883	616
8403606ZA	J	11/01/2017		(NONE)				616
8403607JA	J	11/01/2017		(NONE)	09/24/2000		6516B (GEN)	616
8403607ZA	J	11/01/2017		(NONE)				616
84036083A	J	11/01/2017	1	PYRAMID		Y	P4C116L-45L28MB	616
8403608JA	J	11/01/2017	1	IDT		Y	IDT6116LA45DB	616
8403608JA	J	11/01/2017	1	PYRAMID		Y	P4C116L-45CWMB	616
8403608KA	J	11/01/2017	1	PYRAMID		Y	P4C116L-45FSMB	616
8403608LA	J	11/01/2017	1	IDT		Y	IDT6116LA45TDB	616
8403608LA	J	11/01/2017	1	PYRAMID		Y	P4C116L-45CMB	616
8403608XA	J	11/01/2017	1	PYRAMID		Y	P4C116L-45L32MB	616
8403608YA	J	11/01/2017	1	PYRAMID		Y	P4C116L-45LMB	616
84036093A	J	11/01/2017	2	E2V		Y	QP6116A-45LMB	616
84036093A	J	11/01/2017	1	PYRAMID		Y	P4C116-45L28MB	616
8403609JA	J	11/01/2017	2	E2V		Y	QP6116A-45DMB	616
8403609JA	J	11/01/2017	1	IDT		Y	IDT6116SA45DB	616
8403609JA	J	11/01/2017	1	PYRAMID		Y	P4C116-45CWMB	616
8403609KA	J	11/01/2017	1	PYRAMID		Y	P4C116-45FMB	616
8403609LA	J	11/01/2017	1	IDT		Y	IDT6116SA45TDB	616
8403609LA	J	11/01/2017	1	PYRAMID		Y	P4C116-45DMB	616
8403609XA	J	11/01/2017	2	E2V		Y	QP6117A-45LMB	616
8403609XA	J	11/01/2017	1	PYRAMID		Y	P4C116-45L32MB	616
8403609YA	J	11/01/2017	1	PYRAMID		Y	P4C116-45LMB	616
84036103A	J	11/01/2017	1	E2V		Y	6116-55/3A	616
84036103A	J	11/01/2017	1	PYRAMID		Y	P4C116L-55L28MB	616
8403610JA	J	11/01/2017	1	IDT		Y	IDT6116LA55DB	616

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8403610JA	J	11/01/2017	1	PYRAMID		Y P4C116L-55CWMB		616
8403610KA	J	11/01/2017	1	E2V		Y 6116-55/KA		616
8403610KA	J	11/01/2017	1	PYRAMID		Y P4C116L-55FSMB		616
8403610LA	J	11/01/2017	1	IDT		Y IDT6116LA55TDB		616
8403610LA	J	11/01/2017	1	PYRAMID		Y P4C116L-55CMB		616
8403610XA	J	11/01/2017	1	E2V		Y 6116-55/XA		616
8403610XA	J	11/01/2017	1	PYRAMID		Y P4C116L-55L32MB		616
8403610YA	J	11/01/2017	1	E2V		Y 6116-55/YA		616
8403610YA	J	11/01/2017	1	PYRAMID		Y P4C116L-55LMB		616
84036113A	J	11/01/2017	2	E2V		Y QP6116A-55LMB		616
84036113A	J	11/01/2017	1	PYRAMID		Y P4C116-55L28MB		616
8403611JA	J	11/01/2017	2	E2V		Y QP6116A-55DMB		616
8403611JA	J	11/01/2017	1	IDT		Y IDT6116SA55DB		616
8403611JA	J	11/01/2017	1	PYRAMID		Y P4C116-55CWMB		616
8403611KA	J	11/01/2017	1	PYRAMID		Y P4C116-55FMB		616
8403611LA	J	11/01/2017	1	IDT		Y IDT6116SA55TDB		616
8403611LA	J	11/01/2017	1	PYRAMID		Y P4C116-55DMB		616
8403611XA	J	11/01/2017	2	E2V		Y QP6117A-55LMB		616
8403611XA	J	11/01/2017	1	PYRAMID		Y P4C116-55L32MB		616
8403611YA	J	11/01/2017		(NONE)		7C128A-55 (GEN)		616
84036123A	J	11/01/2017	1	PYRAMID		Y P4C116L-70L28MB		616
8403612JA	J	11/01/2017	1	IDT		Y IDT6116LA70DB		616
8403612JA	J	11/01/2017	1	PYRAMID		Y P4C116L-70CWMB		616
8403612KA	J	11/01/2017	1	PYRAMID		Y P4C116L-70FSMB		616
8403612LA	J	11/01/2017	1	IDT		Y IDT6116LA70TDB		616
8403612LA	J	11/01/2017	1	PYRAMID		Y P4C116L-70CMB		616
8403612XA	J	11/01/2017	1	PYRAMID		Y P4C116L-70L32MB		616
8403612YA	J	11/01/2017	1	PYRAMID		Y P4C116L-70LMB		616
84036133A	J	11/01/2017	1	PYRAMID		Y P4C116-70L28MB		616
8403613JA	J	11/01/2017	1	IDT		Y IDT6116SA70DB		616
8403613JA	J	11/01/2017	1	PYRAMID		Y P4C116-70CWMB		616
8403613KA	J	11/01/2017	1	PYRAMID		Y P4C116-70FSMB		616
8403613LA	J	11/01/2017	1	IDT		Y IDT6116SA70TDB		616
8403613LA	J	11/01/2017	1	PYRAMID		Y P4C116-70DMB		616
8403613XA	J	11/01/2017	1	PYRAMID		Y P4C116-70L32MB		616
8403613YA	J	11/01/2017	1	PYRAMID		Y P4C116-70LMB		616
84036143A	J	11/01/2017	2	E2V		Y QP6116A-35LMB		616
84036143A	J	11/01/2017	1	PYRAMID		Y P4C116-35L28MB		616
8403614JA	J	11/01/2017	1	PYRAMID		Y P4C116-35CWMB		616
8403614KA	J	11/01/2017	1	PYRAMID		Y P4C116-35FMB		616
8403614LA	J	11/01/2017	1	PYRAMID		Y P4C116-35DMB		616
8403614XA	J	11/01/2017	2	E2V		Y QP6117A-35LMB		616
8403614XA	J	11/01/2017	1	PYRAMID		Y P4C116-35L32MB		616
8403614YA	J	11/01/2017	1	PYRAMID		Y P4C116-35LMB		616
84036153A	J	11/01/2017	1	E2V		Y 6116-120/3A		616
84036153A	J	11/01/2017	1	PYRAMID		Y P4C116L-120L28MB		616
8403615JA	J	11/01/2017	1	IDT		Y IDT6116LA120DB		616
8403615JA	J	11/01/2017	1	PYRAMID		Y P4C116L-120CWMB		616
8403615KA	J	11/01/2017	1	E2V		Y 6116-120/KA		616

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8403615KA	J	11/01/2017	1	PYRAMID		Y P4C116L-120FSMB		616
8403615LA	J	11/01/2017	1	IDT		Y IDT6116LA120TDB		616
8403615LA	J	11/01/2017	1	PYRAMID		Y P4C116L-120CMB		616
8403615XA	J	11/01/2017	1	E2V		Y 6116-120/XA		616
8403615XA	J	11/01/2017	1	PYRAMID		Y P4C116L-120L32MB		616
8403615YA	J	11/01/2017	1	E2V		Y 6116-120/YA		616
8403615YA	J	11/01/2017	1	PYRAMID		Y P4C116L-120LMB		616
84036163A	J	11/01/2017	1	PYRAMID		Y P4C116L-90L28MB		616
8403616JA	J	11/01/2017	1	IDT		Y IDT6116LA90DB		616
8403616JA	J	11/01/2017	1	PYRAMID		Y P4C116L-90CWMB		616
8403616KA	J	11/01/2017	1	PYRAMID		Y P4C116L-90FSMB		616
8403616LA	J	11/01/2017	1	IDT		Y IDT6116LA90TDB		616
8403616LA	J	11/01/2017	1	PYRAMID		Y P4C116L-90CMB		616
8403616XA	J	11/01/2017	1	PYRAMID		Y P4C116L-90L32MB		616
8403616YA	J	11/01/2017	1	PYRAMID		Y P4C116L-90LMB		616
84037012A	K	08/26/2015	2	TI		Y SNJ54HC00FK		100
8403701AA	K	08/26/2015		(NONE)		54HC00 (GEN)		100
8403701BA	K	08/26/2015		(NONE)		54HC00 (GEN)		100
5962-8403701VCA	K	08/26/2015	2	TI		Y SNV54HC00J		100
8403701CA	K	08/26/2015	2	TI		Y CD54HC00F3A		100
8403701CA	K	08/26/2015	2	TI		Y SNJ54HC00J		100
5962-8403701VDA	K	08/26/2015	2	TI		Y SNV54HC00W		100
8403701DA	K	08/26/2015	2	TI		Y SNJ54HC00W		100
5962-8403701VXA	K	08/26/2015		(NONE)		54HC00 (GEN)		100
8403701XA	K	08/26/2015		(NONE)		54HC00 (GEN)		100
84038012A	H	08/26/2015	2	TI		Y SNJ54HC10FK		102
8403801AA	H	08/26/2015		(NONE)		54HC10 (GEN)		102
8403801BA	H	08/26/2015		(NONE)		54HC10 (GEN)		102
5962-8403801VCA	H	08/26/2015	2	TI		Y SNV54HC10J		102
8403801CA	H	08/26/2015	2	TI		Y CD54HC10F3A		102
8403801CA	H	08/26/2015	2	TI		Y SNJ54HC10J		102
5962-8403801VDA	H	08/26/2015		(NONE)	11/28/2015	54HC10 (GEN)		102
8403801DA	H	08/26/2015	2	TI		Y SNJ54HC10W		102
5962-8403801VXA	H	08/26/2015		(NONE)		54HC10 (GEN)		102
8403801XA	H	08/26/2015		(NONE)		54HC10 (GEN)		102
84039012A	H	01/28/2014	1	TI		Y SNJ54HC20FK		104
8403901AA	H	01/28/2014		(NONE)		54HC20 (GEN)		104
8403901BA	H	01/28/2014		(NONE)		54HC20 (GEN)		104
5962-8403901VCA	H	01/28/2014	1	TI		Y SNV54HC20J		104
8403901CA	H	01/28/2014	1	TI		Y CD54HC20F3A		104
8403901CA	H	01/28/2014	1	TI		Y SNJ54HC20J		104
5962-8403901VDA	H	01/28/2014		(NONE)	11/28/2015	54HC20 (GEN)		104
8403901DA	H	01/28/2014	1	TI		Y SNJ54HC20W		104
84040012A	G	02/22/2012	1	ROCHESTER		Y 54HC30/Q2A		106
8404001AA	G	02/22/2012		(NONE)		54HC30 (GEN)		106
8404001BA	G	02/22/2012		(NONE)	05/31/1994	54HC30 (GEN)		106
8404001CA	G	02/22/2012	1	TI		Y CD54HC30F3A		106
8404001DA	G	02/22/2012	1	ROCHESTER		Y 54HC30/QDA		106
84041012A	J	09/21/2015	1	TI		Y SNJ54HC02FK		120

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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
8404101AA	J	09/21/2015		(NONE)			54HC02 (GEN)	120
8404101BA	J	09/21/2015		(NONE)			54HC02 (GEN)	120
5962-8404101VCA	J	09/21/2015	1	TI		Y	SNV54HC02J	120
8404101CA	J	09/21/2015	1	TI		Y	CD54HC02F3A	120
8404101CA	J	09/21/2015	1	TI		Y	SNJ54HC02J	120
5962-8404101VDA	J	09/21/2015		(NONE)	11/28/2015		54HC02 (GEN)	120
8404101DA	J	09/21/2015	1	TI		Y	SNJ54HC02W	120
5962-8404101VXA	J	09/21/2015		(NONE)			54HC02 (GEN)	120
8404101XA	J	09/21/2015		(NONE)			54HC02 (GEN)	120
84042012A	J	09/23/2015	2	TI		Y	SNJ54HC27FK	122
8404201AA	J	09/23/2015		(NONE)			54HC27 (GEN)	122
8404201BA	J	09/23/2015		(NONE)			54HC27 (GEN)	122
5962-8404201VCA	J	09/23/2015		(NONE)	11/28/2015		54HC27 (GEN)	122
8404201CA	J	09/23/2015	2	TI		Y	CD54HC27F3A	122
8404201CA	J	09/23/2015	2	TI		Y	SNJ54HC27J	122
5962-8404201VDA	J	09/23/2015		(NONE)	11/28/2015		54HC27 (GEN)	122
8404201DA	J	09/23/2015	2	TI		Y	SNJ54HC27W	122
5962-8404201VXA	J	09/23/2015		(NONE)			54HC27 (GEN)	122
8404201XA	J	09/23/2015		(NONE)			54HC27 (GEN)	122
84043012A	G	07/25/2018		(NONE)			54HC266 (GEN)	141
8404301AA	G	07/25/2018		(NONE)			54HC266 (GEN)	141
8404301BA	G	07/25/2018		(NONE)			54HC266 (GEN)	141
8404301CA	G	07/25/2018		(NONE)			54HC266 (GEN)	141
8404301DA	G	07/25/2018		(NONE)			54HC266 (GEN)	141
84043022A	G	07/25/2018		(NONE)			54HC7266 (GEN)	141
8404302AA	G	07/25/2018		(NONE)			54HC7266 (GEN)	141
8404302CA	G	07/25/2018	1	TI		Y	CD54HC7266F3A	141
84044012A	H	07/25/2018	2	TI		Y	SNJ54HC4002FK	123
8404401AA	H	07/25/2018		(NONE)			54HC4002 (GEN)	123
8404401BA	H	07/25/2018		(NONE)			54HC4002 (GEN)	123
8404401CA	H	07/25/2018	2	TI		Y	SNJ54HC4002J	123
8404401CA	H	07/25/2018	2	TI		Y	CD54HC4002F3A	123
8404401DA	H	07/25/2018		(NONE)			54HC4002 (GEN)	123
84045012A	K	09/22/2015	2	TI		Y	SNJ54HC32FK	125
8404501AA	K	09/22/2015		(NONE)			54HC32 (GEN)	125
8404501BA	K	09/22/2015		(NONE)			54HC32 (GEN)	125
5962-8404501VCA	K	09/22/2015	2	TI		Y	SNV54HC32J	125
8404501CA	K	09/22/2015	2	TI		Y	CD54HC32F3A	125
8404501CA	K	09/22/2015	2	TI		Y	SNJ54HC32J	125
5962-8404501VDA	K	09/22/2015	2	TI		Y	SNV54HC32W	125
8404501DA	K	09/22/2015	2	TI		Y	SNJ54HC32W	125
5962-8404501VXA	K	09/22/2015		(NONE)			54HC32 (GEN)	125
8404501XA	K	09/22/2015		(NONE)			54HC32 (GEN)	125
84046012A	J	09/23/2015	2	TI		Y	SNJ54HC86FK	140
8404601AA	J	09/23/2015		(NONE)			54HC86 (GEN)	140
8404601BA	J	09/23/2015		(NONE)			54HC86 (GEN)	140
5962-8404601VCA	J	09/23/2015		(NONE)	11/28/2015		54HC86 (GEN)	140
8404601CA	J	09/23/2015	2	TI		Y	CD54HC86F3A	140
8404601CA	J	09/23/2015	2	TI		Y	SNJ54HC86J	140

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5962-8404601VDA	J	09/23/2015		(NONE)	11/28/2015		54HC86 (GEN)	140
8404601DA	J	09/23/2015	2	TI		Y	SNJ54HC86W	140
5962-8404601VXA	J	09/23/2015		(NONE)			54HC86 (GEN)	140
8404601XA	J	09/23/2015		(NONE)			54HC86 (GEN)	140
84047012A	H	05/21/2015	1	TI		Y	SNJ54HC08FK	110
8404701BA	H	05/21/2015		(NONE)			54HC08 (GEN)	110
5962-8404701VCA	H	05/21/2015	1	TI		Y	SNV54HC08J	110
8404701CA	H	05/21/2015	1	TI		Y	CD54HC08F3A	110
8404701CA	H	05/21/2015	1	TI		Y	SNJ54HC08J	110
5962-8404701VDA	H	05/21/2015	1	TI		Y	SNV54HC08W	110
8404701DA	H	05/21/2015	1	TI		Y	SNJ54HC08W	110
5962-8404701VXA	H	05/21/2015		(NONE)			54HC08 (GEN)	110
8404701XA	H	05/21/2015		(NONE)			54HC08 (GEN)	110
84048012A	G	11/22/2013	2	TI		Y	SNJ54HC11FK	112
8404801AA	G	11/22/2013		(NONE)			54HC11 (GEN)	112
8404801BA	G	11/22/2013		(NONE)			54HC11 (GEN)	112
5962-8404801VCA	G	11/22/2013	2	TI		Y	SNV54HC11J	112
8404801CA	G	11/22/2013	2	TI		Y	CD54HC11F3A	112
8404801CA	G	11/22/2013	2	TI		Y	SNJ54HC11J	112
5962-8404801VDA	G	11/22/2013		(NONE)	11/28/2015		54HC11 (GEN)	112
8404801DA	G	11/22/2013	2	TI		Y	SNJ54HC11W	112
8405201QA	D	05/31/1990		(NONE)	03/25/2001		80C86 (GEN)	403
8405201XA	D	05/31/1990		(NONE)	03/25/2001		80C86 (GEN)	403
8405202QA	D	05/31/1990	2	RENESAS		Y	80C86-2/883	403
8405202XA	D	05/31/1990		(NONE)	03/25/2001		80C86-2 (GEN)	403
8405301QA	B	06/09/1989		(NONE)			32010 (GEN)	432
8405301ZA	B	06/09/1989		(NONE)			32010 (GEN)	432
84056012A	G	04/22/2016	2	TI		Y	SNJ54HC74FK	158
8405601AA	G	04/22/2016		(NONE)			54HC74 (GEN)	158
8405601BA	G	04/22/2016		(NONE)			54HC74 (GEN)	158
5962-8405601VCA	G	04/22/2016	2	TI		Y	SNV54HC74J	158
8405601CA	G	04/22/2016	2	TI		Y	SNJ54HC74J	158
5962-8405601VDA	G	04/22/2016	2	TI		Y	SNV54HC74W	158
8405601DA	G	04/22/2016	2	TI		Y	SNJ54HC74W	158
5962-8405601VXA	G	04/22/2016		(NONE)			54HC74 (GEN)	158
8405601XA	G	04/22/2016		(NONE)			54HC74 (GEN)	158
8405701QA	E	02/17/2005	1	SRI		Y	GEM06801QQA	400
8405701QC	E	02/17/2005	1	SRI		Y	GEM06801QQC	400
8405701ZA	E	02/17/2005	1	SRI		Y	GEM06801QZA	400
8405701ZC	E	02/17/2005	1	SRI		Y	GEM06801QZC	400
84059012A	B	10/02/2007		(NONE)			54ALS1000A (GEN)	500
8405901BA	B	10/02/2007		(NONE)			54ALS1000A (GEN)	500
8405901CA	B	10/02/2007		(NONE)			54ALS1000A (GEN)	500
8405901DA	B	10/02/2007		(NONE)			54ALS1000A (GEN)	500
84060012A	B	10/04/2007		(NONE)			54ALS1010A (GEN)	509
8406001BA	B	10/04/2007		(NONE)			54ALS1010A (GEN)	509
8406001CA	B	10/04/2007		(NONE)			54ALS1010A (GEN)	509
8406001DA	B	10/04/2007		(NONE)			54ALS1010A (GEN)	509
84061012A	A	11/16/2009		(NONE)			54ALS1004 (GEN)	514



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8406101BA	A	11/16/2009		(NONE)			54ALS1004 (GEN)	514
8406101CA	A	11/16/2009		(NONE)			54ALS1004 (GEN)	514
8406101DA	A	11/16/2009		(NONE)			54ALS1004 (GEN)	514
84062012A	J	09/23/2015	3	TI		Y	SNJ54HC138FK	282
5962-8406201VEA	J	09/23/2015	3	TI		Y	SNV54HC138J	282
8406201EA	J	09/23/2015	3	TI		Y	CD54HC138F3A	282
8406201EA	J	09/23/2015	3	TI		Y	SNJ54HC138J	282
5962-8406201VFA	J	09/23/2015	3	TI		Y	SNV54HC138W	282
8406201FA	J	09/23/2015	3	TI		Y	SNJ54HC138W	282
5962-8406201VXA	J	09/23/2015		(NONE)			54HC138 (GEN)	282
8406201XA	J	09/23/2015		(NONE)			54HC138 (GEN)	282
84064012A	G	09/24/2018		(NONE)			54HC147 (GEN)	345
8406401EA	G	09/24/2018	1	TI		Y	CD54HC147F3A	345
8406401FA	G	09/24/2018		(NONE)			54HC147 (GEN)	345
84065013A	E	03/17/2005	1	RENESAS		Y	MR82C54/883	424
8406501JA	E	03/17/2005	1	RENESAS		Y	MD82C54/883	424
84065023A	E	03/17/2005	1	RENESAS		Y	MR82C54-12/883	424
8406502JA	E	03/17/2005		(NONE)	09/23/2001		82C54-12 (GEN)	424
8406601QA	G	11/06/2006		(NONE)	03/25/2001		82C55A-5 (GEN)	421
8406601XA	G	11/06/2006		(NONE)			82C55A-5 (GEN)	421
8406602QA	G	11/06/2006	1	RENESAS		Y	MD82C55A	421
8406602XA	G	11/06/2006	1	RENESAS		Y	MR82C55A	421
84067012A	E	07/11/2011		(NONE)	03/25/2001		82C82 (GEN)	569
8406701RA	E	07/11/2011	1	RENESAS		Y	MD82C82/883	569
84067022A	E	07/11/2011	1	ROCHESTER		Y	82C83H/B2A	569
8406702RA	E	07/11/2011	1	ROCHESTER		Y	82C83H/BRA	569
84068012A	E	03/17/2005		(NONE)	03/25/2001		82C84A (GEN)	422
8406801VA	E	03/17/2005	1	RENESAS		Y	MD82C84A/883	422
8406802VA	E	03/17/2005		(NONE)	12/24/1997		82C84A (GEN)	422
84069012A	F	03/17/2005		(NONE)	03/25/2001		82C88 (GEN)	420
8406901RA	F	03/17/2005	1	RENESAS		Y	MD82C88/883	420
8406902RA	F	03/17/2005		(NONE)			82C88-10 (GEN)	420
84070012A	F	06/27/2018	1	ROCHESTER		Y	54HC75/B2A	340
8407001EA	F	06/27/2018	1	TI		Y	CD54HC75F3A	340
8407001FA	F	06/27/2018	1	ROCHESTER		Y	54HC75/BFA	340
84071012A	J	09/23/2015	2	TI		Y	SNJ54HC374FK	159
5962-8407101VRA	J	09/23/2015	2	TI		Y	SNV54HC374J	159
8407101RA	J	09/23/2015	2	TI		Y	SNJ54HC374J	159
5962-8407101VSA	J	09/23/2015	2	TI		Y	SNV54HC374W	159
8407101SA	J	09/23/2015	2	TI		Y	SNJ54HC374W	159
5962-8407101VXA	J	09/23/2015		(NONE)			54HC374 (GEN)	159
8407101XA	J	09/23/2015		(NONE)			54HC374 (GEN)	159
84072012A	H	09/23/2015	2	TI		Y	SNJ54HC373FK	341
5962-8407201VRA	H	09/23/2015	2	TI		Y	SNV54HC373J	341
8407201RA	H	09/23/2015	2	TI		Y	SNJ54HC373J	341
8407201RA	H	09/23/2015	2	TI		Y	CD54HC373F3A	341
5962-8407201VSA	H	09/23/2015	2	TI		Y	SNV54HC373W	341
8407201SA	H	09/23/2015	2	TI		Y	SNJ54HC373W	341
5962-8407201VXA	H	09/23/2015		(NONE)			54HC373 (GEN)	341

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8407201XA	H	09/23/2015		(NONE)			54HC373 (GEN)	341
84073012A	H	03/22/2012	1	TI		Y	SNJ54HC174FK	159
5962-8407301VEA	H	03/22/2012		(NONE)	11/28/2015		54HC174 (GEN)	159
8407301EA	H	03/22/2012	1	TI		Y	SNJ54HC174J	159
5962-8407301VFA	H	03/22/2012		(NONE)	11/28/2015		54HC174 (GEN)	159
8407301FA	H	03/22/2012	1	TI		Y	SNJ54HC174W	159
84074012A	G	01/27/2016	2	TI		Y	SNJ54HC240FK	529
8407401RA	G	01/27/2016	2	TI		Y	SNJ54HC240J	529
8407401RA	G	01/27/2016	2	TI		Y	CD54HC240F3A	529
5962-8407401VSA	G	01/27/2016		(NONE)			54HC240 (GEN)	529
8407401SA	G	01/27/2016	2	TI		Y	SNJ54HC240W	529
5962-8407401VXA	G	01/27/2016		(NONE)			54HC240 (GEN)	529
8407401XA	G	01/27/2016		(NONE)			54HC240 (GEN)	529
84075012A	G	01/27/2016	2	TI		Y	SNJ54HC161FK	304
5962-8407501VEA	G	01/27/2016	2	TI		Y	SNV54HC161J	304
8407501EA	G	01/27/2016	2	TI		Y	CD54HC161F3A	304
8407501EA	G	01/27/2016	2	TI		Y	SNJ54HC161J	304
5962-8407501VFA	G	01/27/2016		(NONE)	11/28/2015		54HC161 (GEN)	304
8407501FA	G	01/27/2016	2	TI		Y	SNJ54HC161W	304
5962-8407501VXA	G	01/27/2016		(NONE)			54HC161 (GEN)	304
8407501XA	G	01/27/2016		(NONE)			54HC161 (GEN)	304
84079012A	G	10/20/2015	1	ROCHESTER		Y	54ALS162B/B2A	301
8407901EA	G	10/20/2015	1	MICROSS		D	AS54ALS162C16/883C	301
8407901EA	G	10/20/2015	1	ROCHESTER		Y	54ALS162B/BEA	301
8407901FA	G	10/20/2015	1	ROCHESTER		Y	54ALS162B/BFA	301
84085012A	G	01/28/2014	2	TI		Y	SNJ54HC245FK	590
5962-8408501VRA	G	01/28/2014	2	TI		Y	SNV54HC245J	590
8408501RA	G	01/28/2014	2	TI		Y	CD54HC245F3A	590
8408501RA	G	01/28/2014	2	TI		Y	SNJ54HC245J	590
5962-8408501VSA	G	01/28/2014	2	TI		Y	SNV54HC245W	590
8408501SA	G	01/28/2014	2	TI		Y	SNJ54HC245W	590
5962-8408501VXA	G	01/28/2014		(NONE)			54HC245 (GEN)	590
8408501XA	G	01/28/2014		(NONE)			54HC245 (GEN)	590
84088012A	F	09/21/2015	3	TI		Y	SNJ54HC112FK	156
8408801EA	F	09/21/2015	3	TI		Y	SNJ54HC112J	156
8408801FA	F	09/21/2015	3	TI		Y	SNJ54HC112W	156
84089012A	F	01/27/2016	2	TI		Y	SNJ54HC175FK	159
8408901EA	F	01/27/2016	2	TI		Y	SNJ54HC175J	159
8408901EA	F	01/27/2016	2	TI		Y	CD54HC175F3A	159
8408901FA	F	01/27/2016	2	TI		Y	SNJ54HC175W	159
5962-8408901VXA	F	01/27/2016		(NONE)			54HC175 (GEN)	159
8408901XA	F	01/27/2016		(NONE)			54HC175 (GEN)	159
84090012A	F	05/23/2018		(NONE)			54HC243 (GEN)	590
8409001BA	F	05/23/2018		(NONE)			54HC243 (GEN)	590
8409001CA	F	05/23/2018	1	TI		Y	CD54HC243F3A	590
8409001DA	F	05/23/2018		(NONE)			54HC243 (GEN)	590
84091012A	H	09/24/2015	1	TI		Y	SNJ54HC14FK	143
8409101BA	H	09/24/2015		(NONE)			54HC14 (GEN)	143
5962-8409101VCA	H	09/24/2015	2	TI		Y	SNV54HC14J	143

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8409101CA	H	09/24/2015	2	TI		Y	CD54HC14F3A	143
8409101CA	H	09/24/2015	2	TI		Y	SNJ54HC14J	143
5962-8409101VDA	H	09/24/2015	2	TI		Y	SNV54HC14W	143
8409101DA	H	09/24/2015	2	TI		Y	SNJ54HC14W	143
5962-8409101VXA	H	09/24/2015		(NONE)			54HC14 (GEN)	143
8409101XA	H	09/24/2015		(NONE)			54HC14 (GEN)	143
84092012A	F	10/26/2015	2	TI		Y	SNJ54HC139FK	283
5962-8409201VEA	F	10/26/2015		(NONE)	11/28/2015		54HC139 (GEN)	283
8409201EA	F	10/26/2015	2	TI		Y	CD54HC139F3A	283
8409201EA	F	10/26/2015	2	TI		Y	SNJ54HC139J	283
5962-8409201VFA	F	10/26/2015	2	TI		Y	SNV54HC139W	283
8409201FA	F	10/26/2015	2	TI		Y	SNJ54HC139W	283
5962-8409201VXA	F	10/26/2015		(NONE)			54HC139 (GEN)	283
8409201XA	F	10/26/2015		(NONE)			54HC139 (GEN)	283
84093012A	G	02/26/2014	1	TI		Y	SNJ54HC153FK	273
5962-8409301VEA	G	02/26/2014	1	TI		Y	SNV54HC153J	273
8409301EA	G	02/26/2014	1	TI		Y	CD54HC153F3A	273
8409301EA	G	02/26/2014	1	TI		Y	SNJ54HC153J	273
5962-8409301VFA	G	02/26/2014	1	TI		Y	SNV54HC153W	273
8409301FA	G	02/26/2014		(NONE)	11/28/2015		54HC153B (GEN)	273
84094012A	C	01/23/2012	1	ROCHESTER			54HC162/B2A	301
8409401EA	C	01/23/2012	1	ROCHESTER			54HC162/BEA	301
8409401FA	C	01/23/2012	1	ROCHESTER			54HC162/BFA	301
84095012A	E	10/27/2015	1	TI		Y	SNJ54HC165FK	225
8409501EA	E	10/27/2015	1	TI		Y	CD54HC165F3A	225
8409501EA	E	10/27/2015	1	TI		Y	SNJ54HC165J	225
8409501FA	E	10/27/2015	1	TI		Y	SNJ54HC165W	225
5962-8409501VXA	E	10/27/2015		(NONE)			54HC165 (GEN)	225
8409501XA	E	10/27/2015		(NONE)			54HC165 (GEN)	225
84096012A	J	10/28/2015	2	TI		Y	SNJ54HC244FK	529
5962-8409601VRA	J	10/28/2015	2	TI		Y	SNV54HC244J	529
8409601RA	J	10/28/2015	2	TI		Y	CD54HC244F3A	529
8409601RA	J	10/28/2015	2	TI		Y	SNJ54HC244J	529
5962-8409601VSA	J	10/28/2015	2	TI		Y	SNV54HC244W	529
8409601SA	J	10/28/2015	2	TI		Y	SNJ54HC244W	529
5962-8409601VXA	J	10/28/2015		(NONE)			54HC244 (GEN)	529
8409601XA	J	10/28/2015		(NONE)			54HC244 (GEN)	529
84097012A	A	03/17/2007		(NONE)			54ALS1008A (GEN)	502
8409701BA	A	03/17/2007		(NONE)			54ALS1008A (GEN)	502
8409701CA	A	03/17/2007		(NONE)			54ALS1008A (GEN)	502
8409701DA	A	03/17/2007		(NONE)			54ALS1008A (GEN)	502
84098012A	E	03/25/2009	1	TI		Y	SNJ54HC04FK	143
8409801BA	E	03/25/2009		(NONE)			54HC04 (GEN)	143
5962-8409801VCA	E	03/25/2009	1	TI		Y	SNV54HC04J	143
8409801CA	E	03/25/2009	1	TI		Y	SNJ54HC04J	143
5962-8409801VDA	E	03/25/2009	1	TI		Y	SNV54HC04W	143
8409801DA	E	03/25/2009	1	TI		Y	SNJ54HC04W	143
5962-8409801VXA	E	03/25/2009		(NONE)			54HC04 (GEN)	143
8409801XA	E	03/25/2009		(NONE)			54HC04 (GEN)	143

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84099012A	J	11/12/2015	2	TI		Y SNJ54HC273FK		159
5962-8409901VRA	J	11/12/2015	2	TI		Y SNV54HC273J		159
8409901RA	J	11/12/2015	2	TI		Y CD54HC273F3A		159
8409901RA	J	11/12/2015	2	TI		Y SNJ54HC273J		159
5962-8409901VSA	J	11/12/2015	2	TI		Y SNV54HC273W		159
8409901SA	J	11/12/2015	2	TI		Y SNJ54HC273W		159
5962-8409901VXA	J	11/12/2015		(NONE)		54HC273 (GEN)		159
8409901XA	J	11/12/2015		(NONE)		54HC273 (GEN)		159
84100012A	G	05/23/2018	2	TI		Y SNJ54HC393FK		303
8410001BA	G	05/23/2018		(NONE)		54HC393 (GEN)		303
8410001CA	G	05/23/2018	2	TI		Y CD54HC393F3A		303
8410001CA	G	05/23/2018	2	TI		Y SNJ54HC393J		303
8410001DA	G	05/23/2018	2	TI		Y SNJ54HC393W		303
84109012A	C	11/27/2007		(NONE)	08/15/1999	TL431 (GEN)		785
8410901PA	C	11/27/2007		(NONE)	08/15/1999	TL431 (GEN)		785
8411101YA	G	06/09/2017	1	ROCHESTER		Y MC27256-35/BYA		662
8411101ZA	G	06/09/2017	1	ROCHESTER		Y MR27256-35/BZA		662
8411102YA	G	06/09/2017	1	ROCHESTER		Y MC27256-25/BYA		662
8411102ZA	G	06/09/2017	1	ROCHESTER		Y MR27256-25/BZA		662
8411103YA	G	06/09/2017	1	ROCHESTER		Y MC27256-20/BYA		662
8411103ZA	G	06/09/2017	1	ROCHESTER		Y MR27256-20/BZA		662
8411104YA	G	06/09/2017	1	ROCHESTER		Y MC27256-17/BYA		662
8411104ZA	G	06/09/2017	1	ROCHESTER		Y MR27256-17/BZA		662
8411105YA	G	06/09/2017		(NONE)		27256-30 (GEN)		662
84128012A	E	06/27/2018	1	TI		Y SNJ54HC151FK		271
8412801EA	E	06/27/2018	1	TI		Y CD54HC151F3A		271
8412801EA	E	06/27/2018	1	TI		Y SNJ54HC151J		271
84129013A	G	09/27/2017		(NONE)	08/02/1996	PAL20L8A (GEN)		431
8412901JA	G	09/27/2017		(NONE)		PAL20L8A (GEN)		431
8412901KA	G	09/27/2017		(NONE)	11/28/2015	PAL20L8-20 (GEN)		431
8412901LA	G	09/27/2017		TI	09/26/2018	Y TIBPAL20L8-20MJTB		431
8412901XA	G	09/27/2017		TI		Y TIBPAL20L8-20MXB		431
84129023A	G	09/27/2017		(NONE)	08/02/1996	PAL20R8A (GEN)		431
8412902JA	G	09/27/2017		(NONE)		PAL20R8A (GEN)		431
8412902KA	G	09/27/2017		(NONE)	11/28/2015	PAL20R8-20 (GEN)		431
8412902LA	G	09/27/2017		TI		Y TIBPAL20R8-20MJTB		431
8412902XA	G	09/27/2017		(NONE)	11/28/2015	PAL20R8-20 (GEN)		431
84129033A	G	09/27/2017		(NONE)	08/02/1996	PAL20R6A (GEN)		431
8412903JA	G	09/27/2017		(NONE)		PAL20R6A (GEN)		431
8412903KA	G	09/27/2017		(NONE)	11/28/2015	PAL20R6-20 (GEN)		431
8412903LA	G	09/27/2017		TI		Y TIBPAL20R6-20MJT		431
8412903XA	G	09/27/2017		(NONE)	11/28/2015	PAL20R6-20 (GEN)		431
84129043A	G	09/27/2017		(NONE)	08/02/1996	PAL20R4A (GEN)		431
8412904JA	G	09/27/2017		(NONE)		PAL20R4A (GEN)		431
8412904KA	G	09/27/2017		(NONE)	11/28/2015	PAL20R4-20 (GEN)		431
8412904LA	G	09/27/2017		TI		Y TIBPAL20R4-20MJTB		431
8412904XA	G	09/27/2017		(NONE)	11/28/2015	PAL20R4-20 (GEN)		431
84129053A	G	09/27/2017		(NONE)		PAL20L10A (GEN)		431
8412905KA	G	09/27/2017		(NONE)		PAL20L10A (GEN)		431

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8412905LA	G	09/27/2017		(NONE)			PAL20L10A (GEN)	431
8412905XA	G	09/27/2017		(NONE)			PAL20L10A (GEN)	431
84129063A	G	09/27/2017		(NONE)			PAL20X8A (GEN)	431
8412906KA	G	09/27/2017		(NONE)			PAL20X8A (GEN)	431
8412906LA	G	09/27/2017		(NONE)			PAL20X8A (GEN)	431
8412906XA	G	09/27/2017		(NONE)			PAL20X8A (GEN)	431
84129073A	G	09/27/2017		(NONE)			PAL20X10A (GEN)	431
8412907KA	G	09/27/2017		(NONE)			PAL20X10A (GEN)	431
8412907LA	G	09/27/2017		(NONE)			PAL20X10A (GEN)	431
8412907XA	G	09/27/2017		(NONE)			PAL20X10A (GEN)	431
84129083A	G	09/27/2017		(NONE)			PAL20X4A (GEN)	431
8412908KA	G	09/27/2017		(NONE)			PAL20X4A (GEN)	431
8412908LA	G	09/27/2017		(NONE)			PAL20X4A (GEN)	431
8412908XA	G	09/27/2017		(NONE)			PAL20X4A (GEN)	431
84129093A	G	09/27/2017		(NONE)	08/02/1996		PAL20L8A-2 (GEN)	431
8412909KA	G	09/27/2017		(NONE)	08/02/1996		PAL20L8A-2 (GEN)	431
8412909LA	G	09/27/2017		(NONE)	08/02/1996		PAL20L8A-2 (GEN)	431
84129103A	G	09/27/2017		(NONE)	08/02/1996		PAL20R8A-2 (GEN)	431
8412910KA	G	09/27/2017		(NONE)	08/02/1996		PAL20R8A-2 (GEN)	431
8412910LA	G	09/27/2017		(NONE)	08/02/1996		PAL20R8A-2 (GEN)	431
84129113A	G	09/27/2017		(NONE)	08/02/1996		PAL20L6A-2 (GEN)	431
8412911KA	G	09/27/2017		(NONE)	08/02/1996		PAL20R6A-2 (GEN)	431
8412911LA	G	09/27/2017		(NONE)	08/02/1996		PAL20R6A-2 (GEN)	431
84129123A	G	09/27/2017		(NONE)	08/02/1996		PAL20R4A-2 (GEN)	431
8412912KA	G	09/27/2017		(NONE)	08/02/1996		PAL20R4A-2 (GEN)	431
8412912LA	G	09/27/2017		(NONE)	08/02/1996		PAL20R4A-2 (GEN)	431
8413201RA	E	12/06/2017	0	SRI		Y	GEM45201QRA	616
8413201RC	E	12/06/2017	0	SRI		Y	GEM45201QRC	616
8413201YA	E	12/06/2017		(NONE)				616
8413202RA	E	12/06/2017	2	E2V		Y	CY7C167A-45DMB	616
8413202RA	E	12/06/2017	1	PYRAMID		Y	P4C167-45CMB	616
8413202SA	E	12/06/2017	2	E2V		Y	CY7C167A-45KMB	616
8413202SA	E	12/06/2017	1	PYRAMID		Y	P4C167-45FSMB	616
8413202YA	E	12/06/2017	2	E2V		Y	CY7C167A-45LMB	616
8413202YA	E	12/06/2017	1	PYRAMID		Y	P4C167-45LMB	616
8413203RA	E	12/06/2017	0	SRI		Y	GEM45203QRA	616
8413203RC	E	12/06/2017	0	SRI		Y	GEM45203QRC	616
8413203YA	E	12/06/2017		(NONE)	04/04/2005		HM-65262 (GEN)	616
8413204RA	E	12/06/2017	1	PYRAMID		Y	P4C167L-35CMB	616
8413204SA	E	12/06/2017	1	PYRAMID		Y	P4C167L-35FSMB	616
8413204YA	E	12/06/2017	1	PYRAMID		Y	P4C167L-35LMB	616
8413205RA	E	12/06/2017	2	E2V		Y	CY7C167A-35DMB	616
8413205RA	E	12/06/2017	1	PYRAMID		Y	P4C167-35CMB	616
8413205SA	E	12/06/2017	2	E2V		Y	CY7C167A-35KMB	616
8413205SA	E	12/06/2017	1	PYRAMID		Y	P4C167-35FSMB	616
8413205YA	E	12/06/2017	2	E2V		Y	CY7C167A-35LMB	616
8413205YA	E	12/06/2017	1	PYRAMID		Y	P4C167-35LMB	616
8413206RA	E	12/06/2017	1	PYRAMID		Y	P4C167L-25CMB	616
8413206SA	E	12/06/2017	1	PYRAMID		Y	P4C167L-25FSMB	616

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8413206YA	E	12/06/2017	1	PYRAMID		Y P4C167L-25LMB		616
8413207RA	E	12/06/2017		(NONE)				616
8413207SA	E	12/06/2017		(NONE)				616
8413207YA	E	12/06/2017		(NONE)				616
8413208RA	E	12/06/2017	1	PYRAMID		Y P4C167-55CMB		616
8413208SA	E	12/06/2017	1	PYRAMID		Y P4C167-55FSMB		616
8413208YA	E	12/06/2017	1	PYRAMID		Y P4C167-55LMB		616
8413209RA	E	12/06/2017	1	PYRAMID		Y P4C167L-45CMB		616
8413209SA	E	12/06/2017	1	PYRAMID		Y P4C167L-45FSMB		616
8413209YA	E	12/06/2017	1	PYRAMID		Y P4C167L-45LMB		616
84134012A	D	10/20/2017		(NONE)	11/28/2015		54ALS153 (GEN)	273
8413401EA	D	10/20/2017	2	TI		Y	SNJ54ALS153J	273
8413401FA	D	10/20/2017	2	TI		Y	SNJ54ALS153W	273
84135012A	F	04/22/2015	2	TI		Y	SNJ54ALS251FK	272
8413501EA	F	04/22/2015	2	TI		Y	SNJ54ALS251J	272
8413501FA	F	04/22/2015	2	TI		Y	SNJ54ALS251W	272
84136012A	F	04/09/2015	2	TI		Y	SNJ54ALS273FK	159
8413601RA	F	04/09/2015	2	TI		Y	SNJ54ALS273J	159
8413601SA	F	04/09/2015	2	TI		Y	SNJ54ALS273W	159
84141012A	F	09/20/2017		(NONE)	11/28/2015		54ALS151 (GEN)	271
8414101EA	F	09/20/2017	2	TI		Y	SNJ54ALS151J	271
8414101FA	F	09/20/2017		(NONE)	11/28/2015		54ALS151 (GEN)	271
84142012A	D	02/03/2017	2	TI		Y	SNJ54ALS09FK	111
8414201BA	D	02/03/2017	2	TI		Y	SNJ54ALS09WA	111
8414201CA	D	02/03/2017	2	TI		Y	SNJ54ALS09J	111
8414201DA	D	02/03/2017	2	TI		Y	SNJ54ALS09W	111
84143012A	G	11/03/2017	2	TI		Y	SNJ54ALS21AFK	114
8414301BA	G	11/03/2017		(NONE)			54ALS21 (GEN)	114
8414301CA	G	11/03/2017	2	TI		Y	SNJ54ALS21AJ	114
8414301DA	G	11/03/2017		(NONE)	11/28/2015		54ALS21A (GEN)	114
84145012A	E	06/17/2015		(NONE)	11/28/2015		54ALS832A (GEN)	509
8414501RA	E	06/17/2015	2	TI		Y	SNJ54ALS832AJ	509
8414501SA	E	06/17/2015	2	TI		Y	SNJ54ALS832AW	509
84150012A	G	10/28/2015	2	TI		Y	SNJ54HC109FK	152
5962-8415001VEA	G	10/28/2015	2	TI		Y	SNV54HC109J	152
8415001EA	G	10/28/2015	2	TI		Y	CD54HC109F3A	152
8415001FA	G	10/28/2015	2	TI		Y	SNJ54HC109J	152
5962-8415001VFA	G	10/28/2015	2	TI		Y	SNV54HC109W	152
8415001VXA	G	10/28/2015		(NONE)			54HC109 (GEN)	152
8415001XA	G	10/28/2015		(NONE)			54HC109 (GEN)	152
84151012A	B	10/20/2014		(NONE)	11/28/2015		54LS682 (GEN)	209
8415101RA	B	10/20/2014	1	TI		Y	SNJ54LS682J	209
8415101SA	B	10/20/2014	1	TI		Y	SNJ54LS682W	209
84152012A	D	02/09/2015	1	TI		Y	SNJ54LS684FK	209
8415201RA	D	02/09/2015	1	TI		Y	SNJ54LS684J	209
8415201SA	D	02/09/2015		(NONE)	11/28/2015		54LS684 (GEN)	209
84153012A	D	08/24/2018	1	TI		Y	SNJ54LS688FK	209
5962-8415301VRA	D	08/24/2018		(NONE)	11/28/2015		54LS688 (GEN)	209



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8415301RA	D	08/24/2018	1	TI		Y SNJ54LS688J		209
5962-8415301VSA	D	08/24/2018		(NONE)	11/28/2015	54LS688 (GEN)		209
8415301SA	D	08/24/2018	1	TI		Y SNJ54LS688W		209
84154012A	E	08/11/2017		(NONE)	11/28/2015	54LS399 (GEN)		355
8415401EA	E	08/11/2017	1	TI		Y SNJ54LS399J		355
8415401FA	E	08/11/2017		(NONE)	11/28/2015	54LS399 (GEN)		355
84155012A	F	05/12/2017	1	LANSDALE		Y SL54LS540/B2A		529
84155012A	F	05/12/2017		TI		Y SNJ54LS540FK		529
84155012C	F	05/12/2017	1	LANSDALE		Y SL54LS540/B2C		529
8415501RA	F	05/12/2017	1	LANSDALE		Y SL54LS540/BRA		529
8415501RA	F	05/12/2017	1	TI		Y SNJ54LS540J		529
8415501SA	F	05/12/2017	1	LANSDALE		Y SL54LS540/BSA		529
8415501SA	F	05/12/2017		TI		Y SNJ54LS540W		529
84156012A	F	08/18/2017	1	LANSDALE		Y SL54LS541/B2A		529
84156012A	F	08/18/2017		TI		Y SNJ54LS541FK		529
84156012C	F	08/18/2017	1	LANSDALE		Y SL54LS541/B2C		529
8415601SA	F	08/18/2017	1	LANSDALE		Y SL54LS541/BSA		529
8415601SA	F	08/18/2017		TI		Y SNJ54LS541W		529
84161012A	C	08/19/2015	1	LANSDALE		Y SL54LS640/B2A		590
84161012A	C	08/19/2015	1	TI		Y SNJ54LS640FK		590
84161012C	C	08/19/2015	1	LANSDALE		Y SL54LS640/B2C		590
5962-8416101VRA	C	08/19/2015		(NONE)	11/28/2015	54LS640 (GEN)		590
8416101RA	C	08/19/2015	1	LANSDALE		Y SL54LS640/BRA		590
8416101RA	C	08/19/2015	1	TI		Y SNJ54LS640J		590
5962-8416101VSA	C	08/19/2015		(NONE)	11/28/2015	54LS640 (GEN)		590
8416101SA	C	08/19/2015	1	LANSDALE		Y SL54LS640/BSA		590
84162012A	F	11/12/2015	2	TI		Y SNJ54HC164FK		226
8416201BA	F	11/12/2015		(NONE)		54HC164 (GEN)		226
5962-8416201VCA	F	11/12/2015	2	TI		Y SNV54HC164J		226
8416201CA	F	11/12/2015	2	TI		Y CD54HC164F3A		226
8416201CA	F	11/12/2015	2	TI		Y SNJ54HC164J		226
5962-8416201VDA	F	11/12/2015	2	TI		Y SNV54HC164W		226
8416201DA	F	11/12/2015		(NONE)		54HC164 (GEN)		226
5962-8416201VXA	F	11/12/2015		(NONE)		54HC164 (GEN)		226
8416201XA	F	11/12/2015		(NONE)		54HC164 (GEN)		226
8416901XA	A	05/05/1989		(NONE)		F9450-15 (GEN)		403
8416901YA	A	05/05/1989		(NONE)		F9450-15 (GEN)		403
8416902XA	A	05/05/1989		(NONE)		F9450-F18 (GEN)		403
8416902YA	A	05/05/1989		(NONE)		F9450-F18 (GEN)		403
8416903XA	A	05/05/1989		(NONE)		F9450-F20 (GEN)		403
8416903YA	A	05/05/1989		(NONE)		F9450-F20 (GEN)		403
8416904XA	A	05/05/1989		(NONE)		F9450-F15 (GEN)		403
8416904YA	A	05/05/1989		(NONE)		F9450-F15 (GEN)		403
84179013A	C	02/03/2017		(NONE)		8282 (GEN)		341
8417901RA	C	02/03/2017		(NONE)	12/24/1997	8282 (GEN)		341
84179023A	C	02/03/2017	1	LANSDALE		Y IL8283/B3A		341
84179023C	C	02/03/2017	1	LANSDALE		Y IL8283/B3C		341
8417902RA	C	02/03/2017	1	LANSDALE		Y IL8283/BRA		341
84179033A	C	02/03/2017	1	LANSDALE		Y IL8282/B3A		341

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84179033C	C	02/03/2017	1	LANSDALE		Y IL8282/B3C		341
8417903RA	C	02/03/2017	1	LANSDALE		Y IL8282/BRA		341
84179043A	C	02/03/2017		(NONE)		8283 (GEN)		341
8417904RA	C	02/03/2017		LANSDALE		Y IL8283/BRA		341
8418001XA	G	10/12/2016		(NONE)	12/31/2001	LM136A-2.5 (GEN)		785
8418002XA	G	10/12/2016	1	TI		Y LM136AH-5.0-SMD		785
8418003XA	G	10/12/2016	1	MICROSS		Y MTLM136AQH-2.5		785
84185012A	F	04/10/2017	1	ROCHESTER		Y UA733M/B2A		760
8418501CA	F	04/10/2017	1	ROCHESTER		Y UA733M/BCA		760
8418501HA	F	04/10/2017	1	ROCHESTER		Y UA733M/BHA		760
8418501IA	F	04/10/2017	1	ROCHESTER		Y UA733M/BIA		760
84185022A	F	04/10/2017		(NONE)	09/15/1995	592 (GEN)		760
8418502CA	F	04/10/2017		(NONE)	06/01/1997	592 (GEN)		760
8418502HA	F	04/10/2017		(NONE)		592 (GEN)		760
8418502IA	F	04/10/2017		(NONE)		592 (GEN)		760
84185032A	F	04/10/2017		(NONE)	05/31/1994	TL027 (GEN)		760
8418503CA	F	04/10/2017		(NONE)	05/31/1994	TL027 (GEN)		760
8418601QA	C	12/30/1988		(NONE)		Z8420A (GEN)		420
8418602QA	C	12/30/1988		(NONE)		Z8420 (GEN)		420
8419001QA	E	04/11/2005	1	ROCHESTER		Y MC8751H-8/BQA		410
8419001QA	E	04/11/2005	1	ROCHESTER		Y 8751H-8/BQA		410
8419001YA	E	04/11/2005	1	ROCHESTER		Y MR8751H-8/BYA		410
8419001YA	E	04/11/2005	1	ROCHESTER		Y 8751H-8/BYA		410
8419002QA	E	04/11/2005	1	ROCHESTER		Y 8751H/BQA		410
8419002YA	E	04/11/2005	1	ROCHESTER		Y 8751H/BYA		410
85001012A	E	06/22/2011		(NONE)	11/28/2015	54HC365 (GEN)		522
8500101EA	E	06/22/2011	1	TI		Y SNJ54HC365J		522
8500101FA	E	06/22/2011	1	ROCHESTER		Y 54HC365/BFA		522
85002012A	G	06/27/2018		(NONE)	11/28/2015	54HC367 (GEN)		522
8500201EA	G	06/27/2018	2	TI		Y SNJ54HC367J		522
8500201FA	G	06/27/2018		(NONE)		54HC367 (GEN)		522
85003012A	F	04/25/2018	1	TI		Y SNJ54HC4020FK		305
8500301EA	F	04/25/2018	1	TI		Y CD54HC4020F3A		305
8500301EA	F	04/25/2018	1	TI		Y SNJ54HC4020J		305
8500301FA	F	04/25/2018	1	TI		Y SNJ54HC4020W		305
85004012A	G	11/20/2015	1	TI		Y SNJ54HC4040FK		305
8500401EA	G	11/20/2015	1	TI		Y CD54HC4040F3A		305
8500401EA	G	11/20/2015	1	TI		Y SNJ54HC4040J		305
5962-8500401VFA	G	11/20/2015		(NONE)		54HC4040 (GEN)		305
8500401FA	G	11/20/2015	1	TI		Y SNJ54HC4040W		305
5962-8500401VXA	G	11/20/2015		(NONE)		54HC4040 (GEN)		305
8500401XA	G	11/20/2015		(NONE)		54HC4040 (GEN)		305
8501001YA	G	08/16/2007	1	ROCHESTER		Y MQ80186-8/BYA		403
8501001YC	G	08/16/2007	1	ROCHESTER		Y MQ80186-8/BYC		403
8501001ZA	G	08/16/2007	1	ROCHESTER		Y MG80186-8/BZA		403
8501001ZC	G	08/16/2007	1	ROCHESTER		Y MG80186-8/BZC		403
8501002YA	G	08/16/2007	1	ROCHESTER		Y MQ80186-6/BYA		403
8501002YC	G	08/16/2007	1	ROCHESTER		Y MQ80186-6/BYC		403
8501002ZA	G	08/16/2007	1	ROCHESTER		Y MG80186-6/BZA		403

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850100ZC	G	08/16/2007	1	ROCHESTER		Y	MG80186-6/BZC	403
85015013A	E	02/23/2005	1	RENESAS		Y	MR82C52/883	421
8501501XA	E	02/23/2005	1	RENESAS		Y	MD82C52/883	421
5962-85016013A	D	07/06/2007		(NONE)	10/05/2004		82C59A-5 (GEN)	420
5962-8501601YA	D	07/06/2007	1	RENESAS		Y	MD82C59A-5B	420
5962-85016023A	D	07/06/2007	1	RENESAS		Y	MR82C59A/B	420
5962-8501602YA	D	07/06/2007	1	RENESAS		Y	MD82C59A/B	420
85030013A	J	09/18/2014	1	SPECTRUM (1)		Y	HC2700SLCC/883B	785
8503001CA	J	09/18/2014		(NONE)	09/01/2000		2700 (GEN)	785
8503001XA	J	09/18/2014		(NONE)			2700 (GEN)	785
8503001YA	J	09/18/2014	1	SPECTRUM (1)		Y	HC2700SD/883B	785
85030023A	J	09/18/2014	1	SPECTRUM (1)		Y	HC2700ULCC/883B	785
8503002CA	J	09/18/2014		(NONE)	09/01/2000		2700U (GEN)	785
8503002XC	J	09/18/2014		(NONE)			2700U (GEN)	785
8503002YA	J	09/18/2014		(NONE)	10/27/2012		AD2700 (GEN)	785
8503002YA	J	09/18/2014	1	SPECTRUM (1)		Y	HC2700UD/883B	785
85030033A	J	09/18/2014	1	SPECTRUM (1)		Y	HC2702SLCC/883B	785
8503003CA	J	09/18/2014		(NONE)	09/01/2000		2702S (GEN)	785
8503003XA	J	09/18/2014		(NONE)			2702S (GEN)	785
8503003YA	J	09/18/2014	1	ANALOG (6)		Y	AD2702SD/883B	785
8503003YA	J	09/18/2014	1	SPECTRUM (1)		Y	HC2702SD/883B	785
8503003YC	J	09/18/2014		(NONE)	08/29/2003		AD2702S (GEN)	785
85030043A	J	09/18/2014	1	SPECTRUM (1)		Y	HC2702ULCC/883B	785
8503004CA	J	09/18/2014		(NONE)	09/01/2000		2702U (GEN)	785
8503004XA	J	09/18/2014		(NONE)			2702U (GEN)	785
8503004YA	J	09/18/2014	1	ANALOG (6)		Y	AD2702UD/883B	785
8503004YA	J	09/18/2014	1	SPECTRUM (1)		Y	HC2702UD/883B	785
85030053A	J	09/18/2014	1	SPECTRUM (1)		Y	HC2701SLCC/883B	785
8503005CA	J	09/18/2014		(NONE)	09/01/2000		2701 (GEN)	785
8503005YA	J	09/18/2014	1	SPECTRUM (1)		Y	HC2701SD/883B	785
85030063A	J	09/18/2014	1	SPECTRUM (1)		Y	HC2701ULCC/883B	785
8503006CA	J	09/18/2014		(NONE)	09/01/2000		2701 (GEN)	785
8503006YA	J	09/18/2014	1	SPECTRUM (1)		Y	HC2701UD/883B	785
8506301YA	D	08/22/2016	1	ROCHESTER		Y	MQ8097/BYA	420
8506301ZA	D	08/22/2016	1	ROCHESTER		Y	MG8097/BZA	420
5962-8506401MMA	L	11/06/2012	2	E2V		Y	QP80C31BH/BMA	420
5962-8506401MMA	L	11/06/2012	2	E2V		Y	80C31BH/BMA	420
5962-8506401MQA	L	11/06/2012	2	E2V		Y	80C31BH/BQA	420
5962-8506401MQA	L	11/06/2012	2	E2V		Y	QP80C31BH/BQA	420
8506401QA	L	11/06/2012		(NONE)	12/24/1997		80C31BH (GEN)	420
5962-8506401NUA	L	11/06/2012		(NONE)			80C31BH (GEN)	420
5962-8506401NVA	L	11/06/2012		(NONE)			80C31BH (GEN)	420
5962-8506401MXA	L	11/06/2012	2	E2V		Y	80C31BH/BUA	420
5962-8506401MXA	L	11/06/2012	2	E2V		Y	QP80C31BH/BUA	420
8506401XA	L	11/06/2012		(NONE)	12/24/1997		80C31BH (GEN)	420
5962-8506401MYA	L	11/06/2012		(NONE)			80C31BH (GEN)	420
8506401YA	L	11/06/2012		(NONE)	5962-8506401MYA		80C31BH (GEN)	420
5962-8506402MMA	L	11/06/2012		(NONE)	09/01/1997		80C51BH (GEN)	420
5962-8506402MQA	L	11/06/2012		(NONE)			80C51 (GEN)	420

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8506402QA	L	11/06/2012		(NONE)	12/24/1997		80C51BH (GEN)	420
5962-8506402NUA	L	11/06/2012		(NONE)			80C51BH (GEN)	420
5962-8506402NVA	L	11/06/2012		(NONE)			80C51BH (GEN)	420
5962-8506402MXA	L	11/06/2012		(NONE)			80C51BH (GEN)	420
8506402XA	L	11/06/2012		(NONE)	12/24/1997		80C51BH (GEN)	420
5962-8506402MYA	L	11/06/2012		(NONE)	09/01/1997		80C51BH (GEN)	420
8506402YA	L	11/06/2012		(NONE)	5962-8506402MYA		80C51BH (GEN)	420
5962-8506403MMA	L	11/06/2012	2	E2V		Y	QP80C31BH-16/BMA	420
5962-8506403MMA	L	11/06/2012	2	E2V		Y	80C31BH-16/BMA	420
5962-8506403MQA	L	11/06/2012	2	E2V		Y	QP80C31BH-16/BQA	420
5962-8506403MQA	L	11/06/2012	2	E2V		Y	80C31BH-16/BQA	420
8506403QA	L	11/06/2012		(NONE)	12/24/1997		80C31BH16 (GEN)	420
5962-8506403NUA	L	11/06/2012		(NONE)			80C31BH-16 (GEN)	420
5962-8506403NVA	L	11/06/2012		(NONE)			80C31BH-16 (GEN)	420
5962-8506403MXA	L	11/06/2012	2	E2V		Y	80C31BH-16/BUA	420
5962-8506403MXA	L	11/06/2012	2	E2V		Y	QP80C31BH-16/BUA	420
8506403XA	L	11/06/2012		(NONE)	12/24/1997		80C31BH16 (GEN)	420
5962-8506403MYA	L	11/06/2012		(NONE)			80C31BH-16 (GEN)	420
8506403YA	L	11/06/2012		(NONE)	5962-8506403MYA		80C31BH-16 (GEN)	420
5962-8506404MMA	L	11/06/2012		(NONE)			80C51BH-16 (GEN)	420
5962-8506404MQA	L	11/06/2012		(NONE)			80C51 (GEN)	420
8506404QA	L	11/06/2012		(NONE)	12/24/1997		80C51BH16 (GEN)	420
5962-8506404NUA	L	11/06/2012		(NONE)			80C51BH-16 (GEN)	420
5962-8506404NVA	L	11/06/2012		(NONE)			80C51BH-16 (GEN)	420
5962-8506404MXA	L	11/06/2012		(NONE)			80C51BH-16 (GEN)	420
8506404XA	L	11/06/2012		(NONE)	12/24/1997		80C51BH16 (GEN)	420
5962-8506404MYA	L	11/06/2012		(NONE)			80C51BH-16 (GEN)	420
8506404YA	L	11/06/2012		(NONE)			80C51BH-16 (GEN)	420
5962-8506405NUA	L	11/06/2012		(NONE)			80C31BH (GEN)	420
5962-8506405NVA	L	11/06/2012		(NONE)			80C31BH (GEN)	420
5962-8506406NUA	L	11/06/2012		(NONE)			80C51BH (GEN)	420
5962-8506406NVA	L	11/06/2012		(NONE)			80C51BH (GEN)	420
5962-8506407NUA	L	11/06/2012		(NONE)			80C31BH-16 (GEN)	420
5962-8506407NVA	L	11/06/2012		(NONE)			80C31BH-16 (GEN)	420
5962-8506408NUA	L	11/06/2012		(NONE)			80C51BH-16 (GEN)	420
5962-8506408NVA	L	11/06/2012		(NONE)			80C51BH-16 (GEN)	420
85065012A	C	11/13/2017		(NONE)			PAL16L8A-4 (GEN)	431
8506501RA	C	11/13/2017		(NONE)			PAL16L8A-4 (GEN)	431
8506501SA	C	11/13/2017		(NONE)			PAL16L8A-4 (GEN)	431
85065022A	C	11/13/2017		(NONE)			PAL16R8A-4 (GEN)	431
8506502RA	C	11/13/2017		(NONE)			PAL16R8A-4 (GEN)	431
8506502SA	C	11/13/2017		(NONE)			PAL16R8A-4 (GEN)	431
85065032A	C	11/13/2017		(NONE)			PAL16R6A-4 (GEN)	431
8506503RA	C	11/13/2017		(NONE)			PAL16R6A-4 (GEN)	431
8506503SA	C	11/13/2017		(NONE)			PAL16R6A-4 (GEN)	431
85065042A	C	11/13/2017		(NONE)			PAL16R4A-4 (GEN)	431
8506504RA	C	11/13/2017		(NONE)			PAL16R4A-4 (GEN)	431
8506504SA	C	11/13/2017		(NONE)			PAL16R4A-4 (GEN)	431
85084012A	D	12/01/2017	1	TI		Y	SNJ54LS145FK	290

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5962-8508401VEA	D	12/01/2017	1B	TI		Y SNV54LS145J		290
8508401EA	D	12/01/2017	1	TI		Y SNJ54LS145J		290
8508401FA	D	12/01/2017	1	TI		Y SNJ54LS145W		290
8508701ZA	K	10/17/2018	1	SPECTRUM (1)		Y FLH0041G/883		724
8508701ZC	K	10/17/2018	1	ANAREN		Y MSK0041B		724
8508801YA	J	01/17/2017	1	SPECTRUM (1)		Y FLH0021K/883		753
8508801YC	J	01/17/2017	1	ANAREN		Y MSK0021B		753
8508901YA	D	08/12/2014	1	SPECTRUM (1)		Y FLH0101AK/883		724
8508902YA	D	08/12/2014	1	SPECTRUM (1)		Y FLH0101K/883		724
85096012A	F	12/01/2017	2	TI		Y SNJ54ALS253FK		274
8509601EA	F	12/01/2017	2	TI		Y SNJ54ALS253J		274
8509601FA	F	12/01/2017		(NONE)	11/28/2015	54ALS253 (GEN)		274
85097012A	G	02/10/2015	3	TI		Y SNJ54ALS257AFK		276
8509701EA	G	02/10/2015	3	TI		Y SNJ54ALS257AJ		276
8509701FA	G	02/10/2015		(NONE)	11/28/2015	54ALS257A (GEN)		276
8510201YA	G	12/06/2017	1A	E2V		Y QP27C64-25/YA		660
8510201ZA	G	12/06/2017	1A	E2V		Y QP27C64-25/ZA		660
8510202YA	G	12/06/2017	1A	E2V		Y QP27C64-35/YA		660
8510202ZA	G	12/06/2017	1A	E2V		Y QP27C64-35/ZA		660
8510203YA	G	12/06/2017	1A	E2V		Y QP27C64-20/YA		660
8510203ZA	G	12/06/2017	1A	E2V		Y QP27C64-20/ZA		660
8510204YA	G	12/06/2017	1A	E2V		Y QP27C64-90/YA		660
8510204ZA	G	12/06/2017	1A	E2V		Y QP27C64-90/ZA		660
8510205YA	G	12/06/2017	1A	E2V		Y QP27C64-12/YA		660
8510205ZA	G	12/06/2017	1A	E2V		Y QP27C64-12/ZA		660
8510206YA	G	12/06/2017	1A	E2V		Y QP27C64-15/YA		660
8510206ZA	G	12/06/2017	1A	E2V		Y QP27C64-15/ZA		660
8510207YA	G	12/06/2017	1A	E2V		Y QP57C64-70/YA		660
8510207ZA	G	12/06/2017	1A	E2V		Y QP57C64-70/ZA		660
85124012A	G	11/23/2015	3	TI		Y SNJ54HC257FK		276
8512401EA	G	11/23/2015	3	TI		Y CD54HC257F3A		276
8512401EA	G	11/23/2015	3	TI		Y SNJ54HC257J		276
5962-8512401VFA	G	11/23/2015		(NONE)		54HC257 (GEN)		276
8512401FA	G	11/23/2015		(NONE)		54HC257 (GEN)		276
5962-8512401VXA	G	11/23/2015		(NONE)		54HC257 (GEN)		276
8512401XA	G	11/23/2015		(NONE)		54HC257 (GEN)		276
85125012A	D	11/22/2013	3	TI		Y SNJ54HC251FK		272
5962-8512501VEA	D	11/22/2013		(NONE)	11/28/2015	54HC251 (GEN)		272
8512501EA	D	11/22/2013	3	TI		Y CD54HC251F3A		272
8512501EA	D	11/22/2013	3	TI		Y SNJ54HC251J		272
8512501FA	D	11/22/2013		(NONE)		54HC251 (GEN)		272
85126012A	D	11/03/2017	1	LANSDALE		Y SL54LS33/B2A		512
85126012C	D	11/03/2017	1	LANSDALE		Y SL54LS33/B2C		512
8512601BA	D	11/03/2017	1	LANSDALE		Y SL54LS33/BBA		512
8512601CA	D	11/03/2017	1	LANSDALE		Y SL54LS33/BCA		512
8512601CA	D	11/03/2017	1	TI		Y SNJ54LS33J		512
8512601DA	D	11/03/2017	1	LANSDALE		Y SL54LS33/BDA		512
8512601DA	D	11/03/2017	1	TI		Y SNJ54LS33W		512
85126022A	D	11/03/2017	2	SRI		Y GEM18802Q2A		503

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85126022C	D	11/03/2017	2	SRI		Y GEM18802Q2C		503
8512602BA	D	11/03/2017	2	SRI		Y GEM18802QBA		503
8512602BC	D	11/03/2017	2	SRI		Y GEM18802QBC		503
8512602CA	D	11/03/2017	2	SRI		Y GEM18802QCA		503
8512602CC	D	11/03/2017	2	SRI		Y GEM18802QCC		503
8512602DA	D	11/03/2017	2	SRI		Y GEM18802QDA		503
8512602DC	D	11/03/2017	2	SRI		Y GEM18802QDC		503
5962-85127013A	K	08/13/2015	1	ANALOG (2)		Y AD574AUE/883B		592
5962-8512701VXA	K	08/13/2015		(NONE)	04/01/2014	AD574AU (GEN)		592
5962-8512701XA	K	08/13/2015		ANALOG (2)		Y AD574AUD/883B		592
5962R8512701VXA	K	08/13/2015	1	ANALOG (4)		Y AD574AUD/QMLR		592
5962-8512701VZA	K	08/13/2015		(NONE)	04/01/2014	AD574AU (GEN)		592
5962R8512701VZA	K	08/13/2015	1	ANALOG (4)		Y AD574AUF/QMLR		592
5962-85127023A	K	08/13/2015	1	ANALOG (2)		Y AD574ATE/883B		592
5962-8512702VXA	K	08/13/2015		(NONE)	04/01/2014	AD574AT (GEN)		592
5962-8512702XA	K	08/13/2015		ANALOG (2)		Y AD574ATD/883B		592
5962R8512702VXA	K	08/13/2015	1	ANALOG (4)		Y AD574ATD/QMLR		592
5962-8512702VZA	K	08/13/2015		(NONE)	04/01/2014	AD574AT (GEN)		592
5962R8512702VZA	K	08/13/2015	1	ANALOG (4)		Y AD574ATF/QMLR		592
5962-8512703XA	K	08/13/2015		(NONE)	07/02/2004	574AU (GEN)		592
5962-8512703YA	K	08/13/2015		(NONE)		574AU (GEN)		592
5962-8512704XA	K	08/13/2015	1	RENESAS		Y HI1-574ATD/883		592
5962-8512704YA	K	08/13/2015		(NONE)		574AT (GEN)		592
5962-85127053A	K	08/13/2015		(NONE)		574ZA (GEN)		592
5962-8512705XC	K	08/13/2015		(NONE)		574ZA (GEN)		592
5962-85127063A	K	08/13/2015		(NONE)		574ZB (GEN)		592
5962-8512706XC	K	08/13/2015		(NONE)		574ZB (GEN)		592
5962-85127073C	K	08/13/2015		(NONE)		HS574AU (GEN)		592
5962-8512707XC	K	08/13/2015		(NONE)		HS574AU (GEN)		592
5962-85127083C	K	08/13/2015		(NONE)		HS574AT (GEN)		592
5962-8512708XC	K	08/13/2015		(NONE)		HS574AT (GEN)		592
85128012A	F	05/21/2015	3	TI		Y SNJ54HC573AFK		341
5962-8512801VRA	F	05/21/2015	3	TI		Y SNV54HC573AJ		341
8512801RA	F	05/21/2015	3	TI		Y SNJ54HC573AJ		341
5962-8512801VSA	F	05/21/2015		(NONE)	11/28/2015	54HC573A (GEN)		341
8512801SA	F	05/21/2015	3	TI		Y SNJ54HC573AW		341
85130012A	E	11/24/2015	1	TI		Y SNJ54HCT244FK		529
5962-8513001VRA	E	11/24/2015	1	TI		Y SNV54HCT244J		529
8513001RA	E	11/24/2015	1	TI		Y SNJ54HCT244J		529
5962-8513001VSA	E	11/24/2015	1	TI		Y SNV54HCT244W		529
5962-85131013A	G	03/19/2018	1	RENESAS		Y HI4-546/883		195
5962-8513101XA	G	03/19/2018	1	RENESAS		Y HI1-546/883		195
5962-85131023A	G	03/19/2018	1	RENESAS		Y HI4-547/883		194
5962-8513102XA	G	03/19/2018	1	RENESAS		Y HI1-547/883		194
5962-85131032A	G	03/19/2018	1	ROCHESTER		Y HI4-0549/883		192
5962-8513103EA	G	03/19/2018	1	RENESAS		Y HI1-549/883		192
5962-8513104XA	G	03/19/2018		(NONE)		IH5116 (GEN)		195
5962-8513105XA	G	03/19/2018		(NONE)		IH5216 (GEN)		194
5962-85131062C	G	03/19/2018	1	MAXIM INTEG.		MAX359MLP/883B		192



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5962-8513106EA	G	03/19/2018	1	MAXIM INTEG.			MAX359MJE/883B	192
5962-85131073A	G	03/19/2018	1	RENESAS		Y HI4-506/883		195
5962-8513107XA	G	03/19/2018	1	RENESAS		Y HI1-506/883		195
5962-85131083C	G	03/19/2018		(NONE)			507 (GEN)	194
5962-8513108XA	G	03/19/2018		(NONE)	07/02/2004		507 (GEN)	194
5962-85131092A	G	03/19/2018	1	RENESAS		Y HI4-509/883		192
5962-8513109EA	G	03/19/2018		(NONE)	10/05/2004		HI-509 (GEN)	192
5962-8513301QA		10/27/1986		(NONE)	12/24/1997		8028710 (GEN)	409
5962-8513302QA		10/27/1986		(NONE)	12/24/1997		802878 (GEN)	409
5962-8513303QA		10/27/1986		(NONE)	12/24/1997		802875 (GEN)	409
5962-8513501YA	D	05/19/2017		(NONE)	04/15/1995		27512-25 (GEN)	663
5962-8513502YA	D	05/19/2017		(NONE)	04/15/1995		27512-35 (GEN)	663
5962-8513503YA	D	05/19/2017		(NONE)			27512-30 (GEN)	663
5962-8513503ZA	D	05/19/2017		(NONE)			27512-30 (GEN)	663
5962-8513504YA	D	05/19/2017		(NONE)			27512-45 (GEN)	663
5962-8513504ZA	D	05/19/2017		(NONE)			27512-45 (GEN)	663
5962-8513505YA	D	05/19/2017		(NONE)	04/15/1995		27512-20 (GEN)	663
5962-8514801XA	A	08/20/1987		(NONE)	12/24/1997		802868 (GEN)	403
5962-8514801YA	A	08/20/1987		(NONE)	12/24/1997		802868 (GEN)	403
5962-8514802XA	A	08/20/1987		(NONE)	12/24/1997		802866 (GEN)	403
5962-8514802YA	A	08/20/1987		(NONE)	12/24/1997		802866 (GEN)	403
5962-8514803XA	A	08/20/1987		(NONE)	12/24/1997		8028610 (GEN)	403
5962-8514803YA	A	08/20/1987		(NONE)	12/24/1997		8028610 (GEN)	403
5962-8514901RA	A	11/23/1988		(NONE)			82288-6 (GEN)	420
5962-8514902RA	A	11/23/1988		(NONE)			82288-8 (GEN)	420
8515201EA	H	04/09/2018		(NONE)	09/15/1995		4256-15 (GEN)	623
8515201XA	H	04/09/2018		(NONE)			1259-15 (GEN)	623
8515201YA	H	04/09/2018		(NONE)	09/15/1995		4256-15 (GEN)	623
8515202EA	H	04/09/2018		(NONE)	09/15/1995		4256-20 (GEN)	623
8515202XA	H	04/09/2018		(NONE)			1259-20 (GEN)	623
8515202YA	H	04/09/2018		(NONE)	09/15/1995		4256-20 (GEN)	623
8515203EA	H	04/09/2018		(NONE)	09/15/1995		4256-12 (GEN)	623
8515203XA	H	04/09/2018		(NONE)			1258-12 (GEN)	623
8515203YA	H	04/09/2018		(NONE)	09/15/1995		4256-12 (GEN)	623
5962-85153012A	D	07/25/2013		(NONE)			54HC73 (GEN)	152
5962-8515301CA	D	07/25/2013	1	TI		Y	CD54HC73F3A	152
5962-85154012A	D	08/27/2013		(NONE)	05/31/1994		54HC107 (GEN)	156
5962-8515401CA	D	08/27/2013	1	TI		Y	CD54HC107F3A	156
5962-85155012A	H	03/19/2015	1	TI		Y	TIBPAL16L8-20MFKB	431
5962-8515501RA	H	03/19/2015	1	TI		Y	TIBPAL16L8-20MJB	431
5962-8515501SA	H	03/19/2015	1	TI		Y	TIBPAL16L8-20MWB	431
5962-85155022A	H	03/19/2015	1	TI		Y	TIBPAL16R8-20MFKB	431
5962-8515502RA	H	03/19/2015	1	TI		Y	TIBPAL16R8-20MJB	431
5962-8515502SA	H	03/19/2015		(NONE)	11/28/2015		PAL16R8-20 (GEN)	431
5962-85155032A	H	03/19/2015	1	TI		Y	TIBPAL16R6-20MFKB	431
5962-8515503RA	H	03/19/2015	1	TI		Y	TIBPAL16R6-20MJB	431
5962-8515503SA	H	03/19/2015	1	TI		Y	TIBPAL16R6-20MWB	431
5962-85155042A	H	03/19/2015	1	TI		Y	TIBPAL16R4-20MFKB	431
5962-8515504RA	H	03/19/2015	1	TI		Y	TIBPAL16R4-20MJB	431

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5962-8515504SA	H	03/19/2015	1	TI		Y	TIBPAL16R4-20MWB	431
5962-85155052A	H	03/19/2015	1	TI		Y	TIBPAL16L8-30MFKB	431
5962-8515505RA	H	03/19/2015	1	TI		Y	TIBPAL16L8-30MJB	431
5962-8515505SA	H	03/19/2015	1	TI		Y	TIBPAL16L8-30MWB	431
5962-85155062A	H	03/19/2015	1	TI		Y	TIBPAL16R8-30MFKB	431
5962-8515506RA	H	03/19/2015	1	TI		Y	TIBPAL16R8-30MJB	431
5962-8515506SA	H	03/19/2015	1	TI		Y	TIBPAL16R8-30MWB	431
5962-85155072A	H	03/19/2015	1	TI		Y	TIBPAL16R6-30MFKB	431
5962-8515507RA	H	03/19/2015	1	TI		Y	TIBPAL16R6-30MJB	431
5962-8515507SA	H	03/19/2015		(NONE)	11/28/2015		PAL16R6-30 (GEN)	431
5962-85155082A	H	03/19/2015	1	TI		Y	TIBPAL16R4-30MFKB	431
5962-8515508RA	H	03/19/2015	1	TI		Y	TIBPAL16R4-30MJB	431
5962-8515508SA	H	03/19/2015	1	TI		Y	TIBPAL16R4-30MWB	431
5962-85155092A	H	03/19/2015		(NONE)	10/12/2017		PAL16L8-15 (GEN)	431
5962-8515509RA	H	03/19/2015		(NONE)	10/12/2017		PAL16L8-15 (GEN)	431
5962-8515509SA	H	03/19/2015		(NONE)	10/12/2017		PAL16L8-15 (GEN)	431
5962-85155102A	H	03/19/2015		(NONE)	03/05/2011		PAL16R8-15 (GEN)	431
5962-8515510RA	H	03/19/2015		(NONE)	03/05/2011		PAL16R8-15 (GEN)	431
5962-8515510SA	H	03/19/2015		(NONE)	03/05/2011		PAL16R8-15 (GEN)	431
5962-85155112A	H	03/19/2015		(NONE)	03/05/2011		PAL16R6-15 (GEN)	431
5962-8515511RA	H	03/19/2015		(NONE)	03/05/2011		PAL16R6-15 (GEN)	431
5962-8515511SA	H	03/19/2015		(NONE)	03/05/2011		PAL16R6-15 (GEN)	431
5962-85155122A	H	03/19/2015	1	TI		Y	TIBPAL16R4-15MFKB	431
5962-8515512RA	H	03/19/2015	1	TI		Y	TIBPAL16R4-15MJB	431
5962-8515512SA	H	03/19/2015	1	TI		Y	TIBPAL16R4-15MWB	431
5962-85155132A	H	03/19/2015		(NONE)	10/12/2017		PAL16L8-12 (GEN)	431
5962-8515513RA	H	03/19/2015		(NONE)	10/12/2017		PAL16L8-12 (GEN)	431
5962-8515513SA	H	03/19/2015		(NONE)	11/28/2015		PAL16L8-12 (GEN)	431
5962-85155142A	H	03/19/2015		(NONE)	03/05/2011		PAL16R8-12 (GEN)	431
5962-8515514RA	H	03/19/2015		(NONE)	03/05/2011		PAL16R8-12 (GEN)	431
5962-8515514SA	H	03/19/2015		(NONE)	03/05/2011		PAL16R8-12 (GEN)	431
5962-85155152A	H	03/19/2015	3	TI		Y	TIBPAL16R6-12MFKB	431
5962-8515515RA	H	03/19/2015	3	TI		Y	TIBPAL16R6-12MJB	431
5962-8515515SA	H	03/19/2015		(NONE)	11/28/2015		PAL16R6-12 (GEN)	431
5962-85155162A	H	03/19/2015	2	TI		Y	TIBPAL16R4-12MFKB	431
5962-8515516RA	H	03/19/2015	2	TI		Y	TIBPAL16R4-12MJB	431
5962-8515516SA	H	03/19/2015		(NONE)	11/28/2015		PAL16R4-12 (GEN)	431
5962-85155172A	H	03/19/2015		(NONE)	03/05/2011		PAL16L8-10 (GEN)	431
5962-8515517RA	H	03/19/2015		(NONE)	03/05/2011		PAL16L8-10 (GEN)	431
5962-8515517SA	H	03/19/2015		(NONE)	03/05/2011		PAL16L8-10 (GEN)	431
5962-85155182A	H	03/19/2015	2	TI		Y	TIBPAL16R8-10MFKB	431
5962-8515518RA	H	03/19/2015	2	TI		Y	TIBPAL16R8-10MJB	431
5962-8515518SA	H	03/19/2015	2	TI		Y	TIBPAL16R8-10MWB	431
5962-85155192A	H	03/19/2015		(NONE)	03/05/2011		PAL16R6-10 (GEN)	431
5962-8515519RA	H	03/19/2015		(NONE)	03/05/2011		PAL16R6-10 (GEN)	431
5962-8515519SA	H	03/19/2015		(NONE)	03/05/2011		PAL16R6-10 (GEN)	431
5962-85155202A	H	03/19/2015		(NONE)	07/15/2005		PAL16R4-10 (GEN)	431
5962-8515520RA	H	03/19/2015		(NONE)	07/15/2005		PAL16R4-10 (GEN)	431
5962-8515520SA	H	03/19/2015		(NONE)	07/15/2005		PAL16R4-10 (GEN)	431

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5962-85155212A	H	03/19/2015		(NONE)	11/28/2015		PAL16R8-7 (GEN)	431
5962-8515521RA	H	03/19/2015	2	TI		Y	TIBPAL16R8-7MJB	431
5962-8515521SA	H	03/19/2015		(NONE)	11/28/2015		PAL16R8-7 (GEN)	431
5962-85155222A	H	03/19/2015		(NONE)			PAL16R4-7 (GEN)	431
5962-8515522RA	H	03/19/2015		(NONE)			PAL16R4-7 (GEN)	431
5962-8515522SA	H	03/19/2015		(NONE)			PAL16R4-7 (GEN)	431
8550001CA	E	06/01/2017	1	ROCHESTER			UHD508R/883C	530
8550001DA	E	06/01/2017	1	ROCHESTER			UHC508J/883C	530
5962-8550101CA	E	06/25/2014		E2V		Y	CD40106BMJ/883	541
5962-8550102CA	E	06/25/2014	1A	SRI		Y	GEM39202QCA	541
5962-8550102CC	E	06/25/2014	1A	SRI		Y	GEM39202QCC	541
8550201UA	E	02/27/2006	1	LANSDALE		Y	8X305/BUA	420
8550201XA	E	02/27/2006	1	LANSDALE		Y	8X305/BXA	420
8550201YA	E	02/27/2006	1	LANSDALE		Y	8X305/BYA	420
8550202UA	E	02/27/2006		(NONE)			8X305-10 (GEN)	420
8550202XA	E	02/27/2006		(NONE)			8X305-10 (GEN)	420
8550202YA	E	02/27/2006		(NONE)			8X305-10 (GEN)	420
5962-8550301QA	A	05/18/1987		(NONE)			8X320 (GEN)	420
5962-8550301UA	A	05/18/1987		(NONE)			8X320 (GEN)	420
85504012A	E	02/23/2012	2	TI		Y	SNJ54HCT138FK	282
8550401EA	E	02/23/2012	2	TI		Y	SNJ54HCT138J	282
8550401FA	E	02/23/2012	2	TI		Y	SNJ54HCT138W	282
85505012A	E	08/28/2018	2	TI		Y	SNJ54HCT240FK	529
8550501RA	E	08/28/2018	2	TI		Y	SNJ54HCT240J	529
85506012A	F	12/07/2015	2	TI		Y	SNJ54HCT245FK	590
5962-8550601VRA	F	12/07/2015	2	TI		Y	SNV54HCT245J	590
8550601RA	F	12/07/2015	2	TI		Y	CD54HCT245F3A	590
8550601RA	F	12/07/2015	2	TI		Y	SNJ54HCT245J	590
5962-8550601VSA	F	12/07/2015	2	TI		Y	SNV54HCT245W	590
85507012A	G	02/23/2016	1	TI		Y	SNJ54HCT374FK	159
5962-8550701VRA	G	02/23/2016		(NONE)	11/28/2015		54HCT374 (GEN)	159
8550701RA	G	02/23/2016	1	TI		Y	CD54HCT374F3A	159
8550701RA	G	02/23/2016	1	TI		Y	SNJ54HCT374J	159
5962-8550701VSA	G	02/23/2016		(NONE)	11/28/2015		54HCT374 (GEN)	159
85508012A	D	02/09/2015	1	LANSDALE		Y	SL54LS353/B2A	274
85508012A	D	02/09/2015	2	SRI		Y	GEM23001Q2A	274
85508012C	D	02/09/2015	2	SRI		Y	GEM23001Q2C	274
8550801EA	D	02/09/2015	1	LANSDALE		Y	SL54LS353/BEA	274
8550801EA	D	02/09/2015	2	SRI		Y	GEM23001QEA	274
8550801EC	D	02/09/2015	2	SRI		Y	GEM23001QEC	274
8550801FA	D	02/09/2015	1	LANSDALE		Y	SL54LS353/BFA	274
8550801FA	D	02/09/2015	2	SRI		Y	GEM23001QFA	274
8550801FC	D	02/09/2015	2	SRI		Y	GEM23001QFC	274
85511012A	E	08/25/2017		TI		Y	SNJ54F245FK	590
8551101RA	E	08/25/2017		TI		Y	SNJ54F245J	590
8551101SA	E	08/25/2017		TI		Y	SNJ54F245W	590
5962-8551401V2A	L	05/02/2017		(NONE)	04/01/2014		REF02A (GEN)	785
5962R8551401V2A	L	05/02/2017	1	ANALOG (4)		Y	REF02ARC/QMLR	785
85514012A	L	05/02/2017	1	ANALOG (2)		Y	REF-02ARC/883	785

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5962-8551401VGA	L	05/02/2017		(NONE)	04/01/2014		REF02A (GEN)	785
5962R8551401VGA	L	05/02/2017	1	ANALOG (4)		Y	REF02AJ/QMLR	785
8551401GA	L	05/02/2017		(NONE)	04/01/2014		REF02A (GEN)	785
5962-8551401VHA	L	05/02/2017		(NONE)	04/01/2014		REF02A (GEN)	785
5962R8551401VHA	L	05/02/2017	1	ANALOG (4)		Y	REF02AL/QMLR	785
5962-8551401VPA	L	05/02/2017		(NONE)	04/01/2014		REF02A (GEN)	785
5962R8551401VPA	L	05/02/2017	1	ANALOG (4)		Y	REF02AZ/QMLR	785
8551401PA	L	05/02/2017	1	ANALOG (2)		Y	REF-02AZ/883	785
85514022C	L	05/02/2017		(NONE)			REF02 (GEN)	785
8551402GC	L	05/02/2017		(NONE)			REF02 (GEN)	785
8551402PA	L	05/02/2017		(NONE)			REF02 (GEN)	785
8551403GC	L	05/02/2017		(NONE)			REF02A (GEN)	785
8551403PA	L	05/02/2017		(NONE)			REF02A (GEN)	785
85514042C	L	05/02/2017		(NONE)			REF02 (GEN)	785
8551404GC	L	05/02/2017		(NONE)			REF02 (GEN)	785
8551404PA	L	05/02/2017		(NONE)			REF02 (GEN)	785
5962L8551405VHA	L	05/02/2017	1	ANALOG (4)		Y	REF02AL/QMLL	785
85515012A	H	11/08/2011	1	MICROSEMI (1)		Y	SG1526BL/883	787
8551501VA	H	11/08/2011		MICROSEMI (1)		Y	SG1526BJ/883	787
8551501VA	H	11/08/2011		TI		Y	UC1526J/883	787
85515022A	H	11/08/2011	2	TI		Y	UC1526AL/883B	787
8551502VA	H	11/08/2011	2	TI		Y	UC1526AJ/883	787
8551701QA	B	04/23/2013	1	E2V			Z8036ACMB	421
8551701YA	B	04/23/2013	1	E2V			Z8036ALMB	421
8551702QA	B	04/23/2013	1	E2V			Z8036CMB	421
8551702YA	B	04/23/2013	1	E2V			Z8036LMB	421
5962-8551801QA	A	11/06/1987		(NONE)			Z8030A (GEN)	420
5962-8551801YA	A	11/06/1987		(NONE)			Z8030A (GEN)	420
5962-8551802QA	A	11/06/1987		(NONE)			Z8030 (GEN)	420
5962-8551802YA	A	11/06/1987		(NONE)			Z8030 (GEN)	420
85519012A	E	09/24/2018	1	TI		Y	SNJ54HC259FK	341
8551901EA	E	09/24/2018	1	TI		Y	SNJ54HC259J	341
8551901FA	E	09/24/2018		(NONE)	11/28/2015		54HC259 (GEN)	341
8552001XA	A	11/12/1987		(NONE)	12/24/1997		8397 (GEN)	420
8552001YA	A	11/12/1987		(NONE)	12/24/1997		8397 (GEN)	420
5962-8552301QA	B	02/06/2008		(NONE)			9513A (GEN)	424
5962-8552301XA	B	02/06/2008		(NONE)			9513A (GEN)	424
5962-8552501XA	B	10/29/1990		(NONE)	5962-3829401MXA		8808AC-15 (GEN)	620
5962-8552501YA	B	10/29/1990		(NONE)	5962-3829401MYA		8808AC-15 (GEN)	620
5962-8552502XA	B	10/29/1990	1	PYRAMID	5962-3829403MXA	Y	P4C164-120DWMB	620
5962-8552502YA	B	10/29/1990		(NONE)	5962-3829403MYA		8808AC-12 (GEN)	620
5962-8552503XA	B	10/29/1990	1	PYRAMID	5962-3829405MXA	Y	P4C164-100DWMB	620
5962-8552503YA	B	10/29/1990		(NONE)	5962-3829405MYA		8808AC-10 (GEN)	620
5962-8552504XA	B	10/29/1990	1	PYRAMID	5962-3829407MXA	Y	P4C164-70DWMB	620
5962-8552504YA	B	10/29/1990		(NONE)	5962-3829407MYA		8808AC-70 (GEN)	620
5962-8552505TA	B	10/29/1990		(NONE)	5962-3829409MTA		7C185-55 (GEN)	620
5962-8552505UA	B	10/29/1990		(NONE)	5962-3829423MUA		7C185-55 (GEN)	620
5962-8552505XA	B	10/29/1990		(NONE)	5962-3829409MXA		8808AC-55 (GEN)	620
5962-8552505YA	B	10/29/1990		(NONE)	5962-3829409MYA		8808AC-55 (GEN)	620

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5962-8552505ZA	B	10/29/1990		(NONE)	5962-3829409MZA	7C185-55 (GEN)		620
5962-8552506TA	B	10/29/1990		(NONE)	5962-3829411MTA	5C6408-45 (GEN)		620
5962-8552506UA	B	10/29/1990		(NONE)	5962-3829425MUA	7C185-45 (GEN)		620
5962-8552506XA	B	10/29/1990	1	PYRAMID	5962-3829411MXA	Y P4C164-45DWMB		620
5962-8552506YA	B	10/29/1990		(NONE)	5962-3829411MYA	5C6408-45 (GEN)		620
5962-8552506ZA	B	10/29/1990		(NONE)	5962-3829411MZA	7C185-45 (GEN)		620
5962-8552507TA	B	10/29/1990		(NONE)	03/05/1996	7C185-35 (GEN)		620
5962-8552507UA	B	10/29/1990		(NONE)	5962-3829427MUA	7C185-35 (GEN)		620
5962-8552507XA	B	10/29/1990	1	PYRAMID	5962-3829413MXA	Y P4C164-35DWMB		620
5962-8552507YA	B	10/29/1990		(NONE)	5962-3829413MYA	7164S35 (GEN)		620
5962-8552507ZA	B	10/29/1990		(NONE)	5962-3829413MZA	7C185-35 (GEN)		620
5962-8552508TA	B	10/29/1990		(NONE)	5962-3829412MTA	7C185L-35 (GEN)		620
5962-8552508UA	B	10/29/1990		(NONE)	5962-3829426MUA	7C185L-35 (GEN)		620
5962-8552508XA	B	10/29/1990	1	PYRAMID	5962-3829412MXA	Y P4C164L-35DWMB		620
5962-8552508YA	B	10/29/1990		(NONE)	5962-3829412MYA	7164L35 (GEN)		620
5962-8552508ZA	B	10/29/1990		(NONE)	5962-3829412MZA	7164L35 (GEN)		620
5962-8552509TA	B	10/29/1990		(NONE)	5962-3829410MTA	7C185L-45 (GEN)		620
5962-8552509UA	B	10/29/1990		(NONE)	5962-3829424MUA	7C185L-45 (GEN)		620
5962-8552509XA	B	10/29/1990	1	PYRAMID	5962-3829410MXA	Y P4C164L-45DWMB		620
5962-8552509YA	B	10/29/1990		(NONE)	5962-3829410MYA	7164L45 (GEN)		620
5962-8552509ZA	B	10/29/1990		(NONE)	5962-3829410MZA	7164L45 (GEN)		620
5962-8552510TA	B	10/29/1990		(NONE)	5962-3829408MTA	7C185L-55 (GEN)		620
5962-8552510UA	B	10/29/1990		(NONE)	5962-3829422MUA	7C185L-55 (GEN)		620
5962-8552510XA	B	10/29/1990	1	PYRAMID	5962-3829408MXA	Y P4C164L-55DWMB		620
5962-8552510YA	B	10/29/1990		(NONE)	5962-3829408MYA	7164L55 (GEN)		620
5962-8552510ZA	B	10/29/1990		(NONE)	5962-3829408MZA	7164L55 (GEN)		620
5962-8552511XA	B	10/29/1990	1	PYRAMID	5962-3829406MXA	Y P4C164L-70DWMB		620
5962-8552511YA	B	10/29/1990		(NONE)	5962-3829406MYA	7164L70 (GEN)		620
5962-8552512XA	B	10/29/1990	1	IDT	5962-3829404MXA	Y IDT7164L85DB		620
5962-8552512XA	B	10/29/1990	1	PYRAMID	5962-3829404MXA	Y P4C164L-100DWMB		620
5962-8552512YA	B	10/29/1990		(NONE)	02/01/2008	7164L85 (GEN)		620
5962-8552513XA	B	10/29/1990	1	PYRAMID	5962-3829402MXA	Y P4C164L-120DWMB		620
5962-8552513YA	B	10/29/1990		(NONE)	5962-3829402MYA	8808ACL-12 (GEN)		620
5962-85526013A	D	06/05/2017		(NONE)	08/02/1996	27PS191 (GEN)		658
5962-8552601JA	D	06/05/2017		(NONE)	08/02/1996	27PS191 (GEN)		658
5962-8552601KA	D	06/05/2017		(NONE)	08/02/1996	27PS191 (GEN)		658
5962-8552601XA	D	06/05/2017		(NONE)	08/02/1996	27PS191 (GEN)		658
5962-85526023A	D	06/05/2017		(NONE)	08/02/1996	27PS191A (GEN)		658
5962-8552602JA	D	06/05/2017		(NONE)	08/02/1996	27PS191A (GEN)		658
5962-8552602KA	D	06/05/2017		(NONE)		27PS191A (GEN)		658
5962-8552602XA	D	06/05/2017		(NONE)	08/02/1996	27PS191A (GEN)		658
5962-8552603LA	D	06/05/2017		(NONE)	08/02/1996	27PS291 (GEN)		658
5962-8552604LA	D	06/05/2017		(NONE)	08/02/1996	27PS291A (GEN)		658
5962-85527013A	D	06/05/2017		(NONE)	08/02/1996	27S45 (GEN)		658
5962-8552701KA	D	06/05/2017		(NONE)		27S45 (GEN)		658
5962-8552701LA	D	06/05/2017		(NONE)	08/02/1996	27S45 (GEN)		658
5962-8552701XA	D	06/05/2017		(NONE)	08/02/1996	27S45 (GEN)		658
5962-85527023A	D	06/05/2017		(NONE)	08/02/1996	27S45A (GEN)		658
5962-8552702KA	D	06/05/2017		(NONE)	08/02/1996	27S45A (GEN)		658

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5962-8552702LA	D	06/05/2017		(NONE)	08/02/1996		27S45A (GEN)	658
5962-8552702XA	D	06/05/2017		(NONE)	08/02/1996		27S45A (GEN)	658
5962-85527033A	D	06/05/2017		(NONE)	08/02/1996		27S47 (GEN)	658
5962-8552703KA	D	06/05/2017		(NONE)			27S47 (GEN)	658
5962-8552703LA	D	06/05/2017		(NONE)	08/02/1996		27S47 (GEN)	658
5962-8552703XA	D	06/05/2017		(NONE)			27S47 (GEN)	658
5962-85527043A	D	06/05/2017		(NONE)	08/02/1996		27S47A (GEN)	658
5962-8552704KA	D	06/05/2017		(NONE)	08/02/1996		27S47A (GEN)	658
5962-8552704LA	D	06/05/2017		(NONE)	08/02/1996		27S47A (GEN)	658
5962-8552704XA	D	06/05/2017		(NONE)	08/02/1996		27S47A (GEN)	658
5962-85528012A		11/19/1986		(NONE)			82C89 (GEN)	420
5962-8552801RA		11/19/1986		(NONE)	03/25/2001		82C89 (GEN)	420
8600801EA	D	12/03/2007		(NONE)	03/30/2001		LT685 (GEN)	772
8600801IA	D	12/03/2007		(NONE)	03/30/2001		LT685 (GEN)	772
8600802EA	D	12/03/2007		(NONE)	03/30/2001		LT685 (GEN)	772
8600802IA	D	12/03/2007		(NONE)	03/30/2001		LT685 (GEN)	772
8600803EA	D	12/03/2007		(NONE)			6685 (GEN)	772
8600803IA	D	12/03/2007		(NONE)			6685 (GEN)	772
86008042A	D	12/03/2007		(NONE)	10/27/2000		96685 (GEN)	772
8600804EA	D	12/03/2007		(NONE)	10/27/2000		96685 (GEN)	772
8600804IA	D	12/03/2007		(NONE)	10/27/2000		96685 (GEN)	772
86009012A	E	03/23/2016	1	ROCHESTER		Y	54HC390/B2A	300
8600901EA	E	03/23/2016	1	ROCHESTER		Y	54HC390/BEA	300
86010012A	E	12/20/2017	1	TI		Y	SNJ54HCU04FK	143
8601001CA	E	12/20/2017	1	TI		Y	SNJ54HCU04J	143
86011012A	E	02/26/2019		(NONE)			54HC4017 (GEN)	306
8601101EA	E	02/26/2019	1	TI		Y	CD54HC4017F3A	306
86012012A	E	02/26/2019	1	TI		Y	SNJ54HC4024FK	305
8601201CA	E	02/26/2019	1	TI		Y	SNJ54HC4024J	305
86013012A	F	12/23/2015		(NONE)	12/01/1993		54HC85 (GEN)	209
8601301EA	F	12/23/2015	1	TI		Y	CD54HC85F3A	209
5962-8601301VFA	F	12/23/2015		(NONE)			54HC85 (GEN)	209
8601301FA	F	12/23/2015		(NONE)			54HC85 (GEN)	209
5962-8601301VXA	F	12/23/2015		(NONE)			54HC85 (GEN)	209
8601301XA	F	12/23/2015		(NONE)			54HC85 (GEN)	209
86014012A	K	03/13/2017	1	MICROSS		Y	MTLM119QLS	774
86014012A	K	03/13/2017	1	TI		Y	LM119E-SMD	774
8601401CA	K	03/13/2017	1	MICROSS		Y	MTLM119QD	774
8601401CA	K	03/13/2017	1	TI		Y	LM119J-SMD	774
8601401DA	K	03/13/2017		(NONE)			LM119 (GEN)	774
8601401HA	K	03/13/2017	1	TI		Y	LM119W-SMD	774
8601401IA	K	03/13/2017	1	MICROSS		Y	MTLM119QH	774
8601401IA	K	03/13/2017	1	TI		Y	LM119H-SMD	774
8601401XA	K	03/13/2017		(NONE)			LM119 (GEN)	774
86014022A	K	03/13/2017	1	MICROSS		Y	MTLT119AQLS	774
8601402CA	K	03/13/2017	1	MICROSS		Y	MTLT119AQD	774
8601402IA	K	03/13/2017	1	MICROSS		Y	MTLT119AQH	774
5962-8601501XA	D	10/16/2017	1	PYRAMID		Y	P4C187-35CMB	620
5962-8601501YA	D	10/16/2017	1	PYRAMID		Y	P4C187-35DMB	620



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5962-8601501ZA	D	10/16/2017	1	PYRAMID		Y P4C187-35LMB		620
5962-8601502XA	D	10/16/2017	1	PYRAMID		Y P4C187L-35CMB		620
5962-8601502YA	D	10/16/2017	1	PYRAMID		Y P4C187L-35DMB		620
5962-8601502ZA	D	10/16/2017	1	PYRAMID		Y P4C187L-35LMB		620
5962-8601503XA	D	10/16/2017	1	PYRAMID		Y P4C187-45CMB		620
5962-8601503YA	D	10/16/2017	1	PYRAMID		Y P4C187-45DMB		620
5962-8601503ZA	D	10/16/2017	1	PYRAMID		Y P4C187-45LMB		620
5962-8601504XA	D	10/16/2017	1	PYRAMID		Y P4C187L-45CMB		620
5962-8601504YA	D	10/16/2017	1	PYRAMID		Y P4C187L-45DMB		620
5962-8601504ZA	D	10/16/2017	1	PYRAMID		Y P4C187L-45LMB		620
5962-8601505XA	D	10/16/2017	1	PYRAMID		Y P4C187-55CMB		620
5962-8601505YA	D	10/16/2017	1	PYRAMID		Y P4C187-55DMB		620
5962-8601505ZA	D	10/16/2017	1	PYRAMID		Y P4C187-55LMB		620
5962-8601506XA	D	10/16/2017	1	PYRAMID		Y P4C187L-55CMB		620
5962-8601506YA	D	10/16/2017	1	PYRAMID		Y P4C187L-55DMB		620
5962-8601506ZA	D	10/16/2017	1	PYRAMID		Y P4C187L-55LMB		620
5962-8601507XA	D	10/16/2017	1	PYRAMID		Y P4C187-70CMB		620
5962-8601507YA	D	10/16/2017	1	PYRAMID		Y P4C187-70DMB		620
5962-8601507ZA	D	10/16/2017	1	PYRAMID		Y P4C187-70LMB		620
5962-8601508XA	D	10/16/2017	1	PYRAMID		Y P4C187L-70CMB		620
5962-8601508YA	D	10/16/2017	1	PYRAMID		Y P4C187L-70DMB		620
5962-8601508ZA	D	10/16/2017	1	PYRAMID		Y P4C187L-70LMB		620
5962-8601601QA	C	01/23/2008		(NONE)		80C88 (GEN)		402
5962-8601601XA	C	01/23/2008		(NONE)	03/25/2001	80C88 (GEN)		402
8601701QA	D	04/11/2005	1	ROCHESTER		Y 2904/BQA		420
8601701YA	D	04/11/2005	1	ROCHESTER		Y 2904/BYA		420
8601701YC	D	04/11/2005	1	ROCHESTER		Y 2904/BYC		420
8601801QA	E	08/24/2017	1	ROCHESTER		Y 55500EJ/BQA		299
8601801XA	E	08/24/2017	1	ROCHESTER		Y 55500EFJ/BXA		299
8601801ZA	E	08/24/2017	1	ROCHESTER		Y 55500EFD/BZA		299
8601802QA	E	08/24/2017	1	ROCHESTER		Y 55501EJ/BQA		299
8601802XA	E	08/24/2017	1	ROCHESTER		Y 55501EFJ/BXA		299
8601802ZA	E	08/24/2017	1	ROCHESTER		Y 55501EFD/BZA		299
8602001EA	E	01/03/2018	1	ROCHESTER		Y 27LS00/BEA		606
8602001EA	E	01/03/2018	2	SRI		Y GEM09201QEA		606
8602001EC	E	01/03/2018	2	SRI		Y GEM09201QEC		606
8602001FA	E	01/03/2018	1	ROCHESTER		Y 27LS00/BFA		606
8602001FA	E	01/03/2018	2	SRI		Y GEM09201QFA		606
8602001FC	E	01/03/2018	2	SRI		Y GEM09201QFC		606
8602002EA	E	01/03/2018	1	ROCHESTER		Y 27LS00A/BEA		606
8602002EA	E	01/03/2018	2	SRI		Y GEM09202QEA		606
8602002EC	E	01/03/2018	2	SRI		Y GEM09202QEC		606
8602002FA	E	01/03/2018	1	ROCHESTER		Y 27LS00A/BFA		606
8602002FA	E	01/03/2018	2	SRI		Y GEM09202QFA		606
8602002FC	E	01/03/2018	2	SRI		Y GEM09202QFC		606
8602003EA	E	01/03/2018		(NONE)		27LS01 (GEN)		606
8602003FA	E	01/03/2018		(NONE)		27LS01 (GEN)		606
8602004EA	E	01/03/2018		(NONE)		27LS01A (GEN)		606
8602004FA	E	01/03/2018		(NONE)		27LS01A (GEN)		606

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5962-8602101XA	D	10/05/1992		(NONE)		68881-12 (GEN)		409
5962-8602102XA	D	10/05/1992		(NONE)		68881-16 (GEN)		409
5962-8602102YA	D	10/05/1992		(NONE)		68881-16 (GEN)		409
5962-8602103XA	D	10/05/1992		(NONE)		68881-20 (GEN)		409
5962-8602103YA	D	10/05/1992		(NONE)		68881-20 (GEN)		409
8602301EA	E	11/03/2017	1	LANSDALE		Y SL82S16/BEA		604
8602301FA	E	11/03/2017	1	LANSDALE		Y SL82S16/BFA		604
86025013A	G	11/13/2017	1	ROCHESTER		Y 29705/B3A		602
8602501XA	G	11/13/2017	1	E2V		Y 29705/XA		602
8602501XA	G	11/13/2017	1	ROCHESTER		Y 29705/BXA		602
8602501YA	G	11/13/2017	1	E2V		Y 29705/YA		602
8602501YA	G	11/13/2017	1	ROCHESTER		Y 29705/BYA		602
86025023A	G	11/13/2017	1	SRI		Y GEM10702Q3A		602
86025023C	G	11/13/2017	1	SRI		Y GEM10702Q3C		602
8602502XA	G	11/13/2017	1	SRI		Y GEM10702QXA		602
8602502XC	G	11/13/2017	1	SRI		Y GEM10702QXC		602
8602502YA	G	11/13/2017	1	SRI		Y GEM10702QYA		602
8602502YC	G	11/13/2017	1	SRI		Y GEM10702QYC		602
86027013A	D	01/21/2003		(NONE)		2909A (GEN)		420
8602701XA	D	01/21/2003		(NONE)		2909A (GEN)		420
8602701YA	D	01/21/2003		(NONE)		2909A (GEN)		420
8602701ZA	D	01/21/2003		(NONE)		2909A (GEN)		420
8602801RA	C	11/30/1992		(NONE)	08/31/1995	2911A (GEN)		420
8602901QA	C	10/07/1988		(NONE)	08/31/1995	2914 (GEN)		420
8602901UA	C	10/07/1988		(NONE)		2914 (GEN)		420
8602901YA	C	10/07/1988		(NONE)		2914 (GEN)		420
86030013A	C	09/08/2005	1	SRI		Y GEM14101Q3A		423
86030013C	C	09/08/2005	1	SRI		Y GEM14101Q3C		423
8603001XA	C	09/08/2005	1	SRI		Y GEM14101QXA		423
8603001XC	C	09/08/2005	1	SRI		Y GEM14101QXC		423
8603001YA	C	09/08/2005	1	SRI		Y GEM14101QYA		423
8603001YC	C	09/08/2005	1	SRI		Y GEM14101QYC		423
5962-8603201XA	J	08/08/2011		(NONE)		68020-12 (GEN)		404
5962-8603202XA	J	08/08/2011	1	E2V SEMI.		Y TS68020MR1B/C16		404
5962-8603202XC	J	08/08/2011	1	E2V SEMI.		Y TS68020MRB/C16		404
5962-8603202YA	J	08/08/2011	1	E2V SEMI.		Y TS68020MF1B/C16		404
5962-8603202YC	J	08/08/2011	1	E2V SEMI.		Y TS68020MFB/C16		404
5962-8603203XA	J	08/08/2011	1	E2V SEMI.		Y TS68020MR1B/C20		404
5962-8603203XC	J	08/08/2011	1	E2V SEMI.		Y TS68020MRB/C20		404
5962-8603203YA	J	08/08/2011	1	E2V SEMI.		Y TS68020MF1B/C20		404
5962-8603203YC	J	08/08/2011	1	E2V SEMI.		Y TS68020MFB/C20		404
5962-8603204XA	J	08/08/2011	1	E2V SEMI.		Y TS68020MR1B/C25		404
5962-8603204XC	J	08/08/2011	1	E2V SEMI.		Y TS68020MRB/C25		404
5962-8603204YA	J	08/08/2011	1	E2V SEMI.		Y TS68020MF1B/C25		404
5962-8603204YC	J	08/08/2011	1	E2V SEMI.		Y TS68020MFB/C25		404
5962-8603205YA	J	08/08/2011	1	E2V SEMI.		Y TS68020MF1B/C33		404
5962-8604901XA	K	01/30/2013		(NONE)		BUS-63105 (GEN)		590
5962-8604902TC	K	01/30/2013		(NONE)		BUS-63106II (GEN)		590
5962-8604902ZA	K	01/30/2013	1	DDC		Y BUS-63105II-634		590

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5962-8604902ZA	K	01/30/2013	1	DDC		Y	BUS-63105II-140	590
5962-8604902ZA	K	01/30/2013	1	DDC		Y	BUS-63105II-150	590
5962-8604902ZC	K	01/30/2013	1	DDC		Y	BUS-63105II-110	590
5962-8604902ZC	K	01/30/2013	1	DDC		Y	BUS-63105II-130	590
5962-8604902ZC	K	01/30/2013	1	DDC		Y	BUS-63105II-633	590
5962-8604903YA	K	01/30/2013		(NONE)			ARX2402 (GEN)	590
5962-8604903YC	K	01/30/2013		(NONE)			ARX2402 (GEN)	590
5962-8604904UA	K	01/30/2013		(NONE)			ARX3402 (GEN)	590
5962-8604904UC	K	01/30/2013		(NONE)			ARX3402 (GEN)	590
5962-8604905XA	K	01/30/2013		(NONE)			BUS-8553 (GEN)	590
5962-8604905XA	K	01/30/2013		(NONE)			BUS-63100 (GEN)	590
5962-8604905XC	K	01/30/2013		(NONE)			BUS-8553 (GEN)	590
5962-8604905XC	K	01/30/2013		(NONE)			BUS-63100 (GEN)	590
5962-8604905YA	K	01/30/2013		(NONE)			BUS-8553 (GEN)	590
5962-8604906TA	K	01/30/2013		(NONE)			NHI-1509 (GEN)	590
5962-8604906YA	K	01/30/2013		(NONE)			NHI-1509 (GEN)	590
5962-8604907XA	K	01/30/2013	1	API		Y	FC155361	590
5962-8604907XC	K	01/30/2013	1	API		Y	FC155361	590
5962-8604908XA	K	01/30/2013	1	API		Y	FC155362	590
5962-8604908XC	K	01/30/2013	1	API		Y	FC155362	590
5962-8604909UA	K	01/30/2013	1C	AEROFLEX		Y	ACT4402-001-2	590
5962-8604909UC	K	01/30/2013	1C	AEROFLEX		Y	ACT4402-001-1	590
8605001RA		03/07/1986		(NONE)			2932 (GEN)	420
86051012A	E	01/03/2018		(NONE)			27S02 (GEN)	602
8605101EA	E	01/03/2018		(NONE)	08/02/1996		27S02 (GEN)	602
8605101FA	E	01/03/2018		(NONE)	08/02/1996		27S02 (GEN)	602
86051022A	E	01/03/2018		(NONE)			27S02A (GEN)	602
8605102EA	E	01/03/2018		(NONE)	08/02/1996		27S02A (GEN)	602
8605102FA	E	01/03/2018		(NONE)	08/02/1996		27S02A (GEN)	602
86051032A	E	01/03/2018		(NONE)			27LS02 (GEN)	602
8605103EA	E	01/03/2018		(NONE)			27LS02 (GEN)	602
8605103FA	E	01/03/2018		(NONE)			27LS02 (GEN)	602
86051042A	E	01/03/2018	1C	ROCHESTER		Y	27S03/B2A	602
86051042A	E	01/03/2018	1	SRI		Y	GEM13404Q2A	602
86051042C	E	01/03/2018	1	SRI		Y	GEM13404Q2C	602
8605104EA	E	01/03/2018	1C	ROCHESTER		Y	27S03/BEA	602
8605104EA	E	01/03/2018	1	SRI		Y	GEM13404QEA	602
8605104EC	E	01/03/2018	1	SRI		Y	GEM13404QEC	602
8605104FA	E	01/03/2018	1C	ROCHESTER		Y	27S03/BFA	602
8605104FA	E	01/03/2018	1	SRI		Y	GEM13404QFA	602
8605104FC	E	01/03/2018	1	SRI		Y	GEM13404QFC	602
86051052A	E	01/03/2018	1C	ROCHESTER		Y	27S03A/B2A	602
8605105EA	E	01/03/2018	1C	ROCHESTER		Y	27S03A/BEA	602
8605105FA	E	01/03/2018	1C	ROCHESTER		Y	27S03A/BFA	602
86051062A	E	01/03/2018	1C	ROCHESTER		Y	27LS03/B2A	602
8605106EA	E	01/03/2018	1C	ROCHESTER		Y	27LS03/BEA	602
8605106EA	E	01/03/2018	1	SRI		Y	GEM31606QEA	602
8605106EC	E	01/03/2018	1	SRI		Y	GEM31606QEC	602
8605106FA	E	01/03/2018	1C	ROCHESTER		Y	27LS03/BFA	602

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8605106FA	E	01/03/2018	1	SRI		Y GEM31606QFA		602
8605106FC	E	01/03/2018	1	SRI		Y GEM31606QFC		602
86051072A	E	01/03/2018		(NONE)		27S02-20 (GEN)		602
8605107EA	E	01/03/2018		(NONE)		27S02-20 (GEN)		602
8605107FA	E	01/03/2018		(NONE)		27S02-20 (GEN)		602
86051082A	E	01/03/2018	1C	ROCHESTER		Y 27S03-20/B2A		602
8605108EA	E	01/03/2018	1C	ROCHESTER		Y 27S03-20/BEA		602
8605108FA	E	01/03/2018	1C	ROCHESTER		Y 27S03-20/BFA		602
86051092A	E	01/03/2018	1C	ROCHESTER		Y 27LS03-30/B2A		602
8605109EA	E	01/03/2018	1C	ROCHESTER		Y 27LS03-30/BEA		602
8605109FA	E	01/03/2018	1C	ROCHESTER		Y 27LS03-30/BFA		602
5962-86052013A	D	12/15/2014	1	LANSDALE		Y SL8X350/B3A		610
5962-86052013C	D	12/15/2014	1	LANSDALE		Y SL8X350/B3C		610
5962-8605201WA	D	12/15/2014	1	LANSDALE		Y SL8X350/BWA		610
5962-86053013A	H	07/10/2014		(NONE)	07/10/2018	PAL22V10A (GEN)		431
5962-8605301KA	H	07/10/2014		(NONE)	07/10/2018	PAL22V10A (GEN)		431
5962-8605301LA	H	07/10/2014		(NONE)	10/12/2017	PAL22V10A (GEN)		431
5962-86053023A	H	07/10/2014		(NONE)	08/02/1996	PAL22V10 (GEN)		431
5962-8605302KA	H	07/10/2014		(NONE)	08/02/1996	PAL22V10 (GEN)		431
5962-8605302LA	H	07/10/2014		(NONE)	08/02/1996	PAL22V10 (GEN)		431
5962-86053033A	H	07/10/2014		(NONE)	11/28/2015	PAL22VP1025 (GEN)		431
5962-8605303KA	H	07/10/2014		TI		Y TIBPAL22VP10-25MWB		431
5962-8605303LA	H	07/10/2014		(NONE)	11/28/2015	PAL22VP1025 (GEN)		431
5962-86053043A	H	07/10/2014		(NONE)	07/10/2018	PAL22V10-20 (GEN)		431
5962-8605304KA	H	07/10/2014	2	TI		Y TIBPAL22V10-20MWB		431
5962-8605304LA	H	07/10/2014		(NONE)	10/12/2017	PAL22V10-20 (GEN)		431
5962-86053053A	H	07/10/2014		(NONE)	08/02/1996	PAL22V10-12 (GEN)		431
5962-8605305KA	H	07/10/2014		(NONE)	08/02/1996	PAL22V10-12 (GEN)		431
5962-8605305LA	H	07/10/2014		(NONE)	08/02/1996	PAL22V10-12 (GEN)		431
5962-8605401XA	B	09/26/2017	1	ROCHESTER		55551/BXA		599
5962-8605401YA	B	09/26/2017	1	ROCHESTER		55551/BYA		599
5962-8605402XA	B	09/26/2017	1	ROCHESTER		55552/BXA		599
5962-8605402YA	B	09/26/2017	1	ROCHESTER		55552/BYA		599
5962-8605501XA	B	09/26/2017	1	ROCHESTER		55553/BXA		599
5962-8605501YA	B	09/26/2017	1	ROCHESTER		55553/BYA		599
5962-8605502XA	B	09/26/2017	1	ROCHESTER		55554/BXA		599
5962-8605502YA	B	09/26/2017	1	ROCHESTER		55554/BYA		599
5962-86058012A	D	06/06/2014		MICROSEMI (1)		Y SG2803L/883B		790
5962-8605801VA	D	06/06/2014		MICROSEMI (1)		Y SG2803J/883B		790
5962-86061012A	E	12/14/2012	1	TI		Y SNJ54HC157FK		275
5962-8606101EA	E	12/14/2012	1	TI		Y CD54HC157F3A		275
5962-8606101EA	E	12/14/2012	1	TI		Y SNJ54HC157J		275
5962-8606101VEA	E	12/14/2012	1	TI		Y SNV54HC157J		275
5962-8606101VFA	E	12/14/2012		(NONE)	11/28/2015	54HC157 (GEN)		275
5962-8606101VXA	E	12/14/2012		(NONE)		54HC157 (GEN)		275
5962-8606101XA	E	12/14/2012		(NONE)		54HC157 (GEN)		275
5962-86062012A	E	12/14/2012	1	ROCHESTER		Y 54HC563/B2A		341
5962-8606201RA	E	12/14/2012	1	TI		Y CD54HC563F3A		341
5962-8606201SA	E	12/14/2012	1	ROCHESTER		Y 54HC563/BSA		341

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5962-8606301UA	K	06/05/2015	1	E2V			AT27C256R-20/UA	662
5962-8606301UA	K	06/05/2015	1A	E2V		Y	QP27C256-200/UA	662
5962-8606301UA	K	06/05/2015	1	E2V			WS27C256L-20TMB	662
5962-8606301XA	K	06/05/2015	1	E2V			AT27C256R-20/XA	662
5962-8606301XA	K	06/05/2015	1	E2V			WS27C256L-20DMB	662
5962-8606301XA	K	06/05/2015	1A	E2V		Y	QP27C256-200/XA	662
5962-8606301YA	K	06/05/2015	1	E2V			AT27C256R-20/YA	662
5962-8606301YA	K	06/05/2015	1A	E2V		Y	QP27C256-200/YA	662
5962-8606301YA	K	06/05/2015	1	E2V			WS27C256L-20CMB	662
5962-8606301YC	K	06/05/2015	1	E2V			WS27C256L-20CMB	662
5962-8606301YC	K	06/05/2015	1	E2V			AT27C256R-20/YC	662
5962-8606301YC	K	06/05/2015	1A	E2V		Y	QP27C256-200/YC	662
5962-8606301ZA	K	06/05/2015	1A	E2V		Y	QP27C256-200/ZA	662
5962-8606302UA	K	06/05/2015	1	E2V			WS27C256L-25TMB	662
5962-8606302UA	K	06/05/2015	1	E2V			AT27C256R-25/UA	662
5962-8606302UA	K	06/05/2015	1A	E2V		Y	QP27C256-250/UA	662
5962-8606302XA	K	06/05/2015	1	E2V			AT27C256R-25/XA	662
5962-8606302XA	K	06/05/2015	1	E2V			WS27C256L-25DMB	662
5962-8606302XA	K	06/05/2015	1A	E2V		Y	QP27C256-250/XA	662
5962-8606302YA	K	06/05/2015	1	E2V			AT27C256R-25/YA	662
5962-8606302YA	K	06/05/2015	1A	E2V		Y	QP27C256-250/YA	662
5962-8606302YA	K	06/05/2015	1	E2V			WS27C256L-25CMB	662
5962-8606302YC	K	06/05/2015	1	E2V			AT27C256R-25/YC	662
5962-8606302YC	K	06/05/2015	1	E2V			WS27C256L-25CMB	662
5962-8606302YC	K	06/05/2015	1A	E2V		Y	QP27C256-250/YC	662
5962-8606302ZA	K	06/05/2015	1A	E2V		Y	QP27C256-250/ZA	662
5962-8606303UA	K	06/05/2015	1	E2V			AT27C256R-30/UA	662
5962-8606303UA	K	06/05/2015	1	E2V			WS27C256L-30TMB	662
5962-8606303UA	K	06/05/2015	1A	E2V		Y	QP27C256-300/UA	662
5962-8606303XA	K	06/05/2015	1	E2V			AT27C256R-30/XA	662
5962-8606303XA	K	06/05/2015	1	E2V			WS27C256L-30DMB	662
5962-8606303XA	K	06/05/2015	1A	E2V		Y	QP27C256-300/XA	662
5962-8606303YA	K	06/05/2015	1	E2V			WS27C256L-30CMB	662
5962-8606303YA	K	06/05/2015	1	E2V			AT27C256R-30/YA	662
5962-8606303YA	K	06/05/2015	1A	E2V		Y	QP27C256-300/YA	662
5962-8606303YC	K	06/05/2015	1	E2V			AT27C256R-30/YC	662
5962-8606303YC	K	06/05/2015	1A	E2V		Y	QP27C256-300/YC	662
5962-8606303YC	K	06/05/2015	1	E2V			WS27C256L-30CMB	662
5962-8606303ZA	K	06/05/2015	1A	E2V		Y	QP27C256-300/ZA	662
5962-8606304UA	K	06/05/2015	1	E2V			WS27C256L-17TMB	662
5962-8606304UA	K	06/05/2015	1	E2V			AT27C256R-17/UA	662
5962-8606304UA	K	06/05/2015	1A	E2V		Y	QP27C256-170/UA	662
5962-8606304XA	K	06/05/2015	1	E2V			WS27C256L-17DMB	662
5962-8606304XA	K	06/05/2015	1	E2V			AT27C256R-17/XA	662
5962-8606304XA	K	06/05/2015	1A	E2V		Y	QP27C256-170/XA	662
5962-8606304YA	K	06/05/2015	1	E2V			AT27C256R-17/YA	662
5962-8606304YA	K	06/05/2015	1A	E2V		Y	QP27C256-170/YA	662
5962-8606304YA	K	06/05/2015	1	E2V			WS27C256L-17CMB	662
5962-8606304YC	K	06/05/2015	1	E2V			AT27C256R-17/YC	662

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5962-8606304YC	K	06/05/2015	1	E2V			WS27C256L-17CMB	662
5962-8606304YC	K	06/05/2015	1A	E2V		Y	QP27C256-170/YC	662
5962-8606304ZA	K	06/05/2015	1A	E2V		Y	QP27C256-170/ZA	662
5962-8606305UA	K	06/05/2015	1	E2V			AT27C256R-15/UA	662
5962-8606305UA	K	06/05/2015	1	E2V			WS27C256L-15TMB	662
5962-8606305UA	K	06/05/2015	1A	E2V		Y	QP27C256-150/UA	662
5962-8606305XA	K	06/05/2015	1	E2V			WS27C256L-15DMB	662
5962-8606305XA	K	06/05/2015	1	E2V			AT27C256R-15/XA	662
5962-8606305XA	K	06/05/2015	1A	E2V		Y	QP27C256-150/XA	662
5962-8606305YA	K	06/05/2015	1	E2V			AT27C256R-15/YA	662
5962-8606305YA	K	06/05/2015	1	E2V			WS27C256L-15CMB	662
5962-8606305YA	K	06/05/2015	1A	E2V		Y	QP27C256-150/YA	662
5962-8606305YC	K	06/05/2015	1	E2V			AT27C256R-15/YC	662
5962-8606305YC	K	06/05/2015	1	E2V			WS27C256L-15CMB	662
5962-8606305YC	K	06/05/2015	1A	E2V		Y	QP27C256-150/YC	662
5962-8606305ZA	K	06/05/2015	1A	E2V		Y	QP27C256-150/ZA	662
5962-8606306UA	K	06/05/2015	1	E2V			AT27C256R-12/UA	662
5962-8606306UA	K	06/05/2015	1A	E2V		Y	QP27C256-120/UA	662
5962-8606306XA	K	06/05/2015	1	E2V			WS27C256L-12DMB	662
5962-8606306XA	K	06/05/2015	1	E2V			AT27C256R-12/XA	662
5962-8606306XA	K	06/05/2015	1A	E2V		Y	QP27C256-120/XA	662
5962-8606306YA	K	06/05/2015	1	E2V			WS27C256L-12CMB	662
5962-8606306YA	K	06/05/2015	1	E2V			AT27C256R-12/YA	662
5962-8606306YA	K	06/05/2015	1A	E2V		Y	QP27C256-120/YA	662
5962-8606306YC	K	06/05/2015	1	E2V			AT27C256R-12/YC	662
5962-8606306YC	K	06/05/2015	1	E2V			WS27C256L-12CMB	662
5962-8606306YC	K	06/05/2015	1A	E2V		Y	QP27C256-120/YC	662
5962-8606306ZA	K	06/05/2015	1A	E2V		Y	QP27C256-120/ZA	662
5962-8606307UA	K	06/05/2015	1	E2V			AT27C256R-90/UA	662
5962-8606307UA	K	06/05/2015	1A	E2V		Y	QP27C256-90/UA	662
5962-8606307XA	K	06/05/2015	1	E2V			AT27C256R-90/XA	662
5962-8606307XA	K	06/05/2015	1A	E2V		Y	QP27C256-90/XA	662
5962-8606307YA	K	06/05/2015	1	E2V			AT27C256R-90/YA	662
5962-8606307YA	K	06/05/2015	1A	E2V		Y	QP27C256-90/YA	662
5962-8606307YC	K	06/05/2015	1	E2V			AT27C256R-90/YC	662
5962-8606307YC	K	06/05/2015	1A	E2V		Y	QP27C256-90/YC	662
5962-8606307ZA	K	06/05/2015	1A	E2V		Y	QP27C256-90/ZA	662
5962-8606308UA	K	06/05/2015	1	E2V			AT27C256R-70/UA	662
5962-8606308UA	K	06/05/2015	1A	E2V		Y	QP27C256-70/UA	662
5962-8606308XA	K	06/05/2015	1	E2V			AT27C256R-70/XA	662
5962-8606308XA	K	06/05/2015	1A	E2V		Y	QP27C256-70/XA	662
5962-8606308XA	K	06/05/2015	2	E2V			57C256F-70	662
5962-8606308YA	K	06/05/2015	1	E2V			AT27C256R-70/YA	662
5962-8606308YA	K	06/05/2015	2	E2V			57C256F-70	662
5962-8606308YA	K	06/05/2015	1A	E2V		Y	QP27C256-70/YA	662
5962-8606308YC	K	06/05/2015	1	E2V			AT27C256R-70/YC	662
5962-8606308YC	K	06/05/2015	1A	E2V		Y	QP27C256-70/YC	662
5962-8606308YC	K	06/05/2015	2	E2V			57C256F-70	662
5962-8606308ZA	K	06/05/2015	1A	E2V		Y	QP27C256-70/ZA	662



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5962-8606309UA	K	06/05/2015	1	E2V			AT27C256R-55/UA	662
5962-8606309UA	K	06/05/2015	1A	E2V		Y	QP27C256-55/UA	662
5962-8606309UA	K	06/05/2015	1	E2V			57C256F-55	662
5962-8606309XA	K	06/05/2015	1	E2V			AT27C256R-55/XA	662
5962-8606309XA	K	06/05/2015	1A	E2V		Y	QP27C256-55/XA	662
5962-8606309XA	K	06/05/2015	1	E2V			57C256F-55	662
5962-8606309YA	K	06/05/2015	1	E2V			AT27C256R-55/YA	662
5962-8606309YA	K	06/05/2015	1	E2V			57C256F-55	662
5962-8606309YA	K	06/05/2015	1A	E2V		Y	QP27C256-55/YA	662
5962-8606309YC	K	06/05/2015	1	E2V			AT27C256R-55/YC	662
5962-8606309YC	K	06/05/2015	1A	E2V		Y	QP27C256-55/YC	662
5962-8606309YC	K	06/05/2015	1	E2V			57C256F-55	662
5962-8606310UA	K	06/05/2015	1	E2V			AT27C256R-45/UA	662
5962-8606310UA	K	06/05/2015	1A	E2V		Y	QP27C256-45/UA	662
5962-8606310UA	K	06/05/2015	1	E2V			57C256F-45	662
5962-8606310XA	K	06/05/2015	1	E2V			AT27C256R-45/XA	662
5962-8606310XA	K	06/05/2015	1A	E2V		Y	QP27C256-45/XA	662
5962-8606310XA	K	06/05/2015	1	E2V			57C256F-45	662
5962-8606310YA	K	06/05/2015	1	E2V			AT27C256R-45/YA	662
5962-8606310YA	K	06/05/2015	1	E2V			57C256F-45	662
5962-8606310YA	K	06/05/2015	1A	E2V		Y	QP27C256-45/YA	662
5962-8606310YC	K	06/05/2015	1	E2V			AT27C256R-45/YC	662
5962-8606310YC	K	06/05/2015	1A	E2V		Y	QP27C256-45/YC	662
5962-8606310YC	K	06/05/2015	1	E2V			57C256F-45	662
5962-8606311UA	K	06/05/2015	1	E2V			AT27C256R-20/UA	662
5962-8606311UA	K	06/05/2015	1A	E2V		Y	QP27C256-200/UA	662
5962-8606311QXA	K	06/05/2015	1A	E2V		Y	QP27C256-200/XA	662
5962-8606311XA	K	06/05/2015	1	E2V			AT27C256R-20/XA	662
5962-8606311XA	K	06/05/2015	1A	E2V		Y	QP27C256-200/XA	662
5962-8606311QYA	K	06/05/2015	1A	E2V		Y	QP27C256-200/YA	662
5962-8606311YA	K	06/05/2015	1	E2V			AT27C256R-20/YA	662
5962-8606311YA	K	06/05/2015	1A	E2V		Y	QP27C256-200/YA	662
5962-8606312UA	K	06/05/2015	1	E2V			AT27C256R-25/UA	662
5962-8606312UA	K	06/05/2015	1A	E2V		Y	QP27C256-250/UA	662
5962-8606312QXA	K	06/05/2015	1A	E2V		Y	QP27C256-250/XA	662
5962-8606312XA	K	06/05/2015	1	E2V			AT27C256R-25/XA	662
5962-8606312XA	K	06/05/2015	1A	E2V		Y	QP27C256-250/XA	662
5962-8606312QYA	K	06/05/2015	1A	E2V		Y	QP27C256-250/YA	662
5962-8606312YA	K	06/05/2015	1	E2V			AT27C256R-25/YA	662
5962-8606312YA	K	06/05/2015	1A	E2V		Y	QP27C256-250/YA	662
5962-8606313UA	K	06/05/2015	1	E2V			AT27C256R-30/UA	662
5962-8606313UA	K	06/05/2015	1A	E2V		Y	QP27C256-300/UA	662
5962-8606313QXA	K	06/05/2015	1A	E2V		Y	QP27C256-300/XA	662
5962-8606313XA	K	06/05/2015	1	E2V			AT27C256R-30/XA	662
5962-8606313XA	K	06/05/2015	1A	E2V		Y	QP27C256-300/XA	662
5962-8606313QYA	K	06/05/2015	1A	E2V		Y	QP27C256-300/YA	662
5962-8606313YA	K	06/05/2015	1	E2V			AT27C256R-30/YA	662
5962-8606313YA	K	06/05/2015	1A	E2V		Y	QP27C256-300/YA	662
5962-8606314UA	K	06/05/2015	1	E2V			AT27C256R-17/UA	662

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## SECTION 1, MICROCIRCUITS

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5962-8606314UA	K	06/05/2015	1A	E2V		Y QP27C256-170/UA		662
5962-8606314QXA	K	06/05/2015	1A	E2V		Y QP27C256-170/XA		662
5962-8606314XA	K	06/05/2015	1	E2V		AT27C256R-17/XA		662
5962-8606314XA	K	06/05/2015	1A	E2V		Y QP27C256-170/XA		662
5962-8606314QYA	K	06/05/2015	1A	E2V		Y QP27C256-170/YA		662
5962-8606314YA	K	06/05/2015	1	E2V		AT27C256R-17/YA		662
5962-8606314YA	K	06/05/2015	1A	E2V		Y QP27C256-170/YA		662
5962-8606315UA	K	06/05/2015	1	E2V		AT27C256R-15/UA		662
5962-8606315UA	K	06/05/2015	1A	E2V		Y QP27C256-150/UA		662
5962-8606315QXA	K	06/05/2015	1A	E2V		Y QP27C256-150/XA		662
5962-8606315XA	K	06/05/2015	1	E2V		AT27C256R-15/XA		662
5962-8606315XA	K	06/05/2015	1A	E2V		Y QP27C256-150/XA		662
5962-8606315QYA	K	06/05/2015	1A	E2V		Y QP27C256-150/YA		662
5962-8606315YA	K	06/05/2015	1	E2V		AT27C256R-15/YA		662
5962-8606315YA	K	06/05/2015	1A	E2V		Y QP27C256-150/YA		662
5962-8606316UA	K	06/05/2015	1	E2V		AT27C256R-12/UA		662
5962-8606316UA	K	06/05/2015	1A	E2V		Y QP27C256-120/UA		662
5962-8606316QXA	K	06/05/2015	1A	E2V		Y QP27C256-120/XA		662
5962-8606316XA	K	06/05/2015	1	E2V		AT27C256R-12/XA		662
5962-8606316XA	K	06/05/2015	1A	E2V		Y QP27C256-120/XA		662
5962-8606316QYA	K	06/05/2015	1A	E2V		Y QP27C256-120/YA		662
5962-8606316YA	K	06/05/2015	1	E2V		AT27C256R-12/YA		662
5962-8606316YA	K	06/05/2015	1A	E2V		Y QP27C256-120/YA		662
5962-8606317UA	K	06/05/2015	1	E2V		AT27C256R-90/UA		662
5962-8606317UA	K	06/05/2015	1A	E2V		Y QP27C256-90/UA		662
5962-8606317QXA	K	06/05/2015	1A	E2V		Y QP27C256-90/XA		662
5962-8606317XA	K	06/05/2015	1	E2V		AT27C256R-90/XA		662
5962-8606317XA	K	06/05/2015	1A	E2V		Y QP27C256-90/XA		662
5962-8606317QYA	K	06/05/2015	1A	E2V		Y QP27C256-90/YA		662
5962-8606317YA	K	06/05/2015	1	E2V		AT27C256R-90/YA		662
5962-8606317YA	K	06/05/2015	1A	E2V		Y QP27C256-90/YA		662
5962-8606318UA	K	06/05/2015	1	E2V		AT27C256R-70/UA		662
5962-8606318UA	K	06/05/2015	1A	E2V		Y QP27C256-70/UA		662
5962-8606318QXA	K	06/05/2015	1A	E2V		Y QP27C256-70/XA		662
5962-8606318XA	K	06/05/2015	1	E2V		AT27C256R-70/XA		662
5962-8606318XA	K	06/05/2015	1A	E2V		Y QP27C256-70/XA		662
5962-8606318QYA	K	06/05/2015	1A	E2V		Y QP27C256-70/YA		662
5962-8606318YA	K	06/05/2015	1	E2V		AT27C256R-70/YA		662
5962-8606318YA	K	06/05/2015	1A	E2V		Y QP27C256-70/YA		662
5962-8606319UA	K	06/05/2015	1	E2V		AT27C256R-55/UA		662
5962-8606319UA	K	06/05/2015	1A	E2V		Y QP27C256-55/UA		662
5962-8606319QXA	K	06/05/2015	1A	E2V		Y QP27C256-55/XA		662
5962-8606319XA	K	06/05/2015	1	E2V		AT27C256R-55/XA		662
5962-8606319XA	K	06/05/2015	1A	E2V		Y QP27C256-55/XA		662
5962-8606319QYA	K	06/05/2015	1A	E2V		Y QP27C256-55/YA		662
5962-8606319YA	K	06/05/2015	1	E2V		AT27C256R-55/YA		662
5962-8606319YA	K	06/05/2015	1A	E2V		Y QP27C256-55/YA		662
5962-8606320QUA	K	06/05/2015	1A	E2V		Y QP27C256-45/UA		662
5962-8606320QXA	K	06/05/2015	1A	E2V		Y QP27C256-45/XA		662

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

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5962-8606320QYA	K	06/05/2015	1A	E2V		Y	QP27C256-45/YA	662
5962-8606321QUA	K	06/05/2015	1A	E2V		Y	QP27C256-35/UA	662
5962-8606321QXA	K	06/05/2015	1A	E2V		Y	QP27C256-35/XA	662
5962-8606321QYA	K	06/05/2015	1A	E2V		Y	QP27C256-35/YA	662
5962-8606401CA	D	06/19/2012		(NONE)	06/01/1997		5539 (GEN)	755
5962-86069012A	A	03/26/2009		(NONE)			54F85 (GEN)	209
5962-8606901EA	A	03/26/2009		(NONE)			54F85 (GEN)	209
5962-8606901FA	A	03/26/2009		(NONE)			54F85 (GEN)	209
5962-86070012A	D	01/08/2013		(NONE)	06/01/1997		54F148 (GEN)	345
5962-8607001EA	D	01/08/2013		(NONE)			54F148 (GEN)	345
5962-8607001FA	D	01/08/2013		(NONE)	06/01/1997		54F148 (GEN)	345
5962-86071012A	E	05/15/2015	3	E2V		Y	54F164ALMQB	226
5962-86071012A	E	05/15/2015	3	ROCHESTER		Y	54F164A/Q2A	226
5962-8607101CA	E	05/15/2015	3	E2V		Y	54F164ADMQB	226
5962-8607101CA	E	05/15/2015	3	ROCHESTER		Y	54F164A/QCA	226
5962-8607101DA	E	05/15/2015	3	E2V		Y	54F164AFMQB	226
5962-8607101DA	E	05/15/2015	3	ROCHESTER		Y	54F164A/QDA	226
5962-86072012A	F	06/01/2015	2	E2V		Y	54F169LMQB	304
5962-86072012A	F	06/01/2015	2	ROCHESTER		Y	54F169/Q2A	304
5962-8607201EA	F	06/01/2015	2	E2V		Y	54F169DMQB	304
5962-8607201EA	F	06/01/2015	2	ROCHESTER		Y	54F169/QEA	304
5962-8607201FA	F	06/01/2015	2	E2V		Y	54F169FMQB	304
5962-8607201FA	F	06/01/2015	2	ROCHESTER		Y	54F169/QFA	304
5962-86074012A	E	08/07/2015	1	E2V		Y	54F322LMQB	228
5962-8607401RA	E	08/07/2015	1	E2V		Y	54F322DMQB	228
5962-8607401SA	E	08/07/2015	1	E2V		Y	54F322FMQB	228
5962-86075012A	D	10/20/2016	1	ROCHESTER			54F350/B2A	222
5962-8607501EA	D	10/20/2016	1	ROCHESTER			54F350/BEA	222
5962-8607501FA	D	10/20/2016	1	ROCHESTER			54F350/BFA	222
86076012A	F	12/21/2015	2	TI		Y	SNJ54HC163FK	304
8607601EA	F	12/21/2015	2	TI		Y	CD54HC163F3A	304
8607601EA	F	12/21/2015	2	TI		Y	SNJ54HC163J	304
8607601FA	F	12/21/2015		(NONE)	11/28/2015		54HC163 (GEN)	304
5962-8607601VXA	F	12/21/2015		(NONE)			54HC163 (GEN)	304
8607601XA	F	12/21/2015		(NONE)			54HC163 (GEN)	304
86077012A	E	02/26/2019	1	ROCHESTER		Y	54HC280/B2A	210
8607701CA	E	02/26/2019	1	TI		Y	CD54HC280F3A	210
5962-8608101RA	D	05/29/2017		(NONE)			2168-55 (GEN)	616
5962-8608101XA	D	05/29/2017		(NONE)			2168-55 (GEN)	616
5962-8608102RA	D	05/29/2017		(NONE)			2168-70 (GEN)	616
5962-8608102XA	D	05/29/2017		(NONE)			2168-70 (GEN)	616
5962-8608103RA	D	05/29/2017		(NONE)			2169-50 (GEN)	616
5962-8608103XA	D	05/29/2017		(NONE)			2169-50 (GEN)	616
5962-8608104RA	D	05/29/2017		(NONE)			2169-70 (GEN)	616
5962-8608104XA	D	05/29/2017		(NONE)			2169-70 (GEN)	616
5962-8608105RA	D	05/29/2017		(NONE)			2168-45 (GEN)	616
5962-8608105XA	D	05/29/2017		(NONE)			2168-45 (GEN)	616
5962-8608106RA	D	05/29/2017		(NONE)			2169-40 (GEN)	616
5962-8608106XA	D	05/29/2017		(NONE)			2169-40 (GEN)	616

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5962-8608801QA		10/27/1986		(NONE)			82720 (GEN)	399
5962-86701013A	E	12/14/2012		(NONE)			54HCT154 (GEN)	280
5962-8670101JA	E	12/14/2012	1	TI		Y	CD54HCT154F3A	280
5962-8670101KA	E	12/14/2012		(NONE)			54HCT154 (GEN)	280
5962-8670101LA	E	12/14/2012		(NONE)			54HCT154 (GEN)	280
5962-86702012A	C	08/18/2015	1	SRI		Y	GEM07301Q2A	159
5962-86702012C	C	08/18/2015	1	SRI		Y	GEM07301Q2C	159
5962-8670201RA	C	08/18/2015	1	SRI		Y	GEM07301QRA	159
5962-8670201RC	C	08/18/2015	1	SRI		Y	GEM07301QRC	159
5962-8670201SA	C	08/18/2015	1	SRI		Y	GEM07301QSA	159
5962-8670201SC	C	08/18/2015	1	SRI		Y	GEM07301QSC	159
5962-86703012A	G	02/08/2018		(NONE)	08/02/1996		27S19 (GEN)	650
5962-8670301EA	G	02/08/2018	1	LANSDALE		Y	SL82S123A/BEA	650
5962-8670301FA	G	02/08/2018	1	LANSDALE		Y	SL82S123A/BFA	650
5962-86703022A	G	02/08/2018		(NONE)	08/02/1996		27S19A (GEN)	650
5962-8670302EA	G	02/08/2018	1	LANSDALE		Y	SL82S123B/BEA	650
5962-8670302FA	G	02/08/2018	1	LANSDALE		Y	SL82S123B/BFA	650
5962-86704012A	R	12/19/2016	2	MICROSEMI (1)		Y	SG1842L/883B	787
5962-8670401V2A	R	12/19/2016		(NONE)			1842 (GEN)	787
5962-8670401CA	R	12/19/2016	2	MICROSEMI (1)		Y	SG1842J/883B	787
5962-8670401DA	R	12/19/2016	1	TI		Y	UC1842W883B	787
5962-8670401EA	R	12/19/2016		(NONE)			1842 (GEN)	787
5962-8670401FA	R	12/19/2016		(NONE)			1842 (GEN)	787
5962-8670401HA	R	12/19/2016	2	MICROSEMI (1)		Y	SG1842F/883B	787
5962-8670401PA	R	12/19/2016	2	MICROSEMI (1)		Y	SG1842Y/883B	787
5962-8670401PA	R	12/19/2016	1	TI		Y	UC1842J883B	787
5962-8670401VPA	R	12/19/2016	1	TI		Y	UC1842JQMLV	787
5962-8670401VXA	R	12/19/2016		(NONE)	11/28/2015		1842 (GEN)	787
5962-8670401XA	R	12/19/2016	1	TI		Y	UC1842L883B	787
5962-86704022A	R	12/19/2016	2	MICROSEMI (1)		Y	SG1843L/883B	787
5962-8670402V2A	R	12/19/2016		(NONE)			1843 (GEN)	787
5962-8670402CA	R	12/19/2016	2	MICROSEMI (1)		Y	SG1843J/883B	787
5962-8670402DA	R	12/19/2016	1	TI		Y	UC1843W883B	787
5962-8670402EA	R	12/19/2016		(NONE)			1843 (GEN)	787
5962-8670402FA	R	12/19/2016		(NONE)			1843 (GEN)	787
5962-8670402HA	R	12/19/2016	2	MICROSEMI (1)		Y	SG1843F/883B	787
5962-8670402PA	R	12/19/2016	2	MICROSEMI (1)		Y	SG1843Y/883B	787
5962-8670402PA	R	12/19/2016	1	TI		Y	UC1843J883B	787
5962-8670402VPA	R	12/19/2016	1	TI		Y	UC1843JQMLV	787
5962-8670402VXA	R	12/19/2016	1	TI		Y	UC1843LQMLV	787
5962-8670402XA	R	12/19/2016	1	TI		Y	UC1843L883B	787
5962-86704032A	R	12/19/2016	2	MICROSEMI (1)		Y	SG1844L/883B	787
5962-8670403V2A	R	12/19/2016		(NONE)			1844 (GEN)	787
5962-8670403CA	R	12/19/2016	2	MICROSEMI (1)		Y	SG1844J/883B	787
5962-8670403DA	R	12/19/2016	1	TI		Y	UC1844W883B	787
5962-8670403EA	R	12/19/2016		(NONE)			1844 (GEN)	787
5962-8670403FA	R	12/19/2016		(NONE)			1844 (GEN)	787
5962-8670403HA	R	12/19/2016	2	MICROSEMI (1)		Y	SG1844F/883B	787
5962-8670403PA	R	12/19/2016	2	MICROSEMI (1)		Y	SG1844Y/883B	787

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5962-8670403PA	R	12/19/2016	1	TI		Y UC1844J883B		787
5962-8670403VPA	R	12/19/2016		(NONE)	11/28/2015	1844 (GEN)		787
5962-8670403VXA	R	12/19/2016	1	TI		Y UC1844LQMLV		787
5962-8670403XA	R	12/19/2016	1	TI		Y UC1844L883B		787
5962-86704042A	R	12/19/2016	2	MICROSEMI (1)		Y SG1845L/883B		787
5962-8670404V2A	R	12/19/2016		(NONE)		1845 (GEN)		787
5962-8670404CA	R	12/19/2016	2	MICROSEMI (1)		Y SG1845J/883B		787
5962-8670404DA	R	12/19/2016	1	TI		Y UC1845W883B		787
5962-8670404EA	R	12/19/2016		(NONE)		1845 (GEN)		787
5962-8670404FA	R	12/19/2016		(NONE)		1845 (GEN)		787
5962-8670404HA	R	12/19/2016	2	MICROSEMI (1)		Y SG1845F/883B		787
5962-8670404PA	R	12/19/2016	2	MICROSEMI (1)		Y SG1845Y/883B		787
5962-8670404PA	R	12/19/2016	1	TI		Y UC1845J883B		787
5962-8670404VPA	R	12/19/2016	1	TI		Y UC1845JQMLV		787
5962-8670404VXA	R	12/19/2016	1	TI		Y UC1845LQMLV		787
5962-8670404XA	R	12/19/2016	1	TI		Y UC1845L883B		787
5962-8670405V2A	R	12/19/2016		(NONE)		1842A (GEN)		787
5962-8670405DA	R	12/19/2016	1	TI		Y UC1842AW883B		787
5962-8670405PA	R	12/19/2016	1	TI		Y UC1842AJ883B		787
5962-8670405VPA	R	12/19/2016	1	TI		Y UC1842AJQMLV		787
5962-8670405VXA	R	12/19/2016		(NONE)	11/28/2015	1842A (GEN)		787
5962-8670405XA	R	12/19/2016	1	TI		Y UC1842AL883B		787
5962-8670406V2A	R	12/19/2016		(NONE)		1843A (GEN)		787
5962-8670406DA	R	12/19/2016	1	TI		Y UC1843AW883B		787
5962-8670406PA	R	12/19/2016	1	TI		Y UC1843AJ883B		787
5962-8670406VPA	R	12/19/2016	1	TI		Y UC1843AJQMLV		787
5962-8670406VXA	R	12/19/2016	1	TI		Y UC1843ALQMLV		787
5962-8670406XA	R	12/19/2016	1	TI		Y UC1843AL883B		787
5962-8670407V2A	R	12/19/2016		(NONE)		1844A (GEN)		787
5962-8670407DA	R	12/19/2016	1	TI		Y UC1844AW883B		787
5962-8670407PA	R	12/19/2016	1	TI		Y UC1844AJ883B		787
5962-8670407VPA	R	12/19/2016	1	TI		Y UC1844AJQMLV		787
5962-8670407VXA	R	12/19/2016		(NONE)	11/28/2015	1844A (GEN)		787
5962-8670407XA	R	12/19/2016	1	TI		Y UC1844AL883B		787
5962-8670408V2A	R	12/19/2016		(NONE)		1845A (GEN)		787
5962-8670408DA	R	12/19/2016	1	TI		Y UC1845AW883B		787
5962-8670408PA	R	12/19/2016	1	TI		Y UC1845AJ883B		787
5962-8670408VPA	R	12/19/2016	1	TI		Y UC1845AJQMLV		787
5962-8670408VXA	R	12/19/2016	1	TI		Y UC1845ALQMLV		787
5962-8670408XA	R	12/19/2016	1	TI		Y UC1845AL883B		787
5962-8670409VPA	R	12/19/2016	1B	TI		Y UC1843AJG-SP		787
5962P8670409VPA	R	12/19/2016	3A	TI		Y UC1843AJG-SP		787
5962P8670409VYA	R	12/19/2016	3A	TI		Y UC1843AHKU-SP		787
5962-8670410V9A	R	12/19/2016	1C	TI		Y UC1843KGD-SP		787
5962-8670410VPA	R	12/19/2016	1C	TI		Y UC1843JG-SP		787
5962P8670411VPA	R	12/19/2016	1C	TI		Y UC1845AJG-SP		787
5962P8670411VYC	R	12/19/2016	1C	TI		Y UC1845AHKU-SP		787
5962-8670501RA	H	07/05/2017	1	PYRAMID		Y P4C168-25DMB		616
5962-8670501UA	H	07/05/2017	1	PYRAMID		Y P4C168-25LMB		616

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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8670501XA	H	07/05/2017	1	PYRAMID		Y P4C168-25LMB		616
5962-8670501ZA	H	07/05/2017	1	PYRAMID		Y P4C168-25FSMB		616
5962-8670502RA	H	07/05/2017	1	PYRAMID		Y P4C168L-25DMB		616
5962-8670502UA	H	07/05/2017	1	PYRAMID		Y P4C168L-25LMB		616
5962-8670502XA	H	07/05/2017	1	PYRAMID		Y P4C168L-25LMB		616
5962-8670502ZA	H	07/05/2017	1	PYRAMID		Y P4C168L-25FSMB		616
5962-8670503RA	H	07/05/2017	1	PYRAMID		Y P4C168-35DMB		616
5962-8670503UA	H	07/05/2017	1	PYRAMID		Y P4C168-35LMB		616
5962-8670503XA	H	07/05/2017	1	PYRAMID		Y P4C168-35LMB		616
5962-8670503YA	H	07/05/2017		(NONE)		P4C168-35 (GEN)		616
5962-8670503ZA	H	07/05/2017	1	PYRAMID		Y P4C168-35FSMB		616
5962-8670504RA	H	07/05/2017	1	PYRAMID		Y P4C168L-35DMB		616
5962-8670504UA	H	07/05/2017	1	PYRAMID		Y P4C168L-35LMB		616
5962-8670504XA	H	07/05/2017	1	PYRAMID		Y P4C168L-35LMB		616
5962-8670504YA	H	07/05/2017		(NONE)		P4C168L-35 (GEN)		616
5962-8670504ZA	H	07/05/2017	1	PYRAMID		Y P4C168L-35FSMB		616
5962-8670505RA	H	07/05/2017	1	PYRAMID		Y P4C168-45DMB		616
5962-8670505UA	H	07/05/2017	1	PYRAMID		Y P4C168-45LMB		616
5962-8670505XA	H	07/05/2017	1	PYRAMID		Y P4C168-45LMB		616
5962-8670505YA	H	07/05/2017		(NONE)		P4C168-45 (GEN)		616
5962-8670505ZA	H	07/05/2017	1	PYRAMID		Y P4C168-45FSMB		616
5962-8670506RA	H	07/05/2017	1	PYRAMID		Y P4C168L-45DMB		616
5962-8670506UA	H	07/05/2017	1	PYRAMID		Y P4C168L-45LMB		616
5962-8670506XA	H	07/05/2017	1	PYRAMID		Y P4C168L-45LMB		616
5962-8670506YA	H	07/05/2017		(NONE)		P4C168L-45 (GEN)		616
5962-8670506ZA	H	07/05/2017	1	PYRAMID		Y P4C168L-45FSMB		616
5962-8670507RA	H	07/05/2017	1	PYRAMID		Y P4C168-55DMB		616
5962-8670507UA	H	07/05/2017	1	PYRAMID		Y P4C168-55LMB		616
5962-8670507XA	H	07/05/2017	1	PYRAMID		Y P4C168-55LMB		616
5962-8670507YA	H	07/05/2017		(NONE)		P4C168-55 (GEN)		616
5962-8670507ZA	H	07/05/2017	1	PYRAMID		Y P4C168-55FSMB		616
5962-8670508RA	H	07/05/2017	1	PYRAMID		Y P4C168L-55DMB		616
5962-8670508UA	H	07/05/2017	1	PYRAMID		Y P4C168L-55LMB		616
5962-8670508XA	H	07/05/2017	1	PYRAMID		Y P4C168L-55LMB		616
5962-8670508YA	H	07/05/2017		(NONE)		P4C168L-55 (GEN)		616
5962-8670508ZA	H	07/05/2017	1	PYRAMID		Y P4C168L-55FSMB		616
5962-8670509RA	H	07/05/2017	1	PYRAMID		Y P4C168-70DMB		616
5962-8670509UA	H	07/05/2017	1	PYRAMID		Y P4C168-70LMB		616
5962-8670509XA	H	07/05/2017	1	PYRAMID		Y P4C168-70LMB		616
5962-8670509YA	H	07/05/2017		(NONE)		P4C168-70 (GEN)		616
5962-8670509ZA	H	07/05/2017	1	PYRAMID		Y P4C168-70FSMB		616
5962-8670510RA	H	07/05/2017	1	PYRAMID		Y P4C168L-70DMB		616
5962-8670510UA	H	07/05/2017	1	PYRAMID		Y P4C168L-70LMB		616
5962-8670510XA	H	07/05/2017	1	PYRAMID		Y P4C168L-70LMB		616
5962-8670510YA	H	07/05/2017		(NONE)		P4C168L-70 (GEN)		616
5962-8670510ZA	H	07/05/2017	1	PYRAMID		Y P4C168L-70FSMB		616
5962-8670511RA	H	07/05/2017	1	PYRAMID		Y P4C168-25DMB		616
5962-8670511UA	H	07/05/2017	1	PYRAMID		Y P4C168-25LMB		616
5962-8670511XA	H	07/05/2017	1	PYRAMID		Y P4C168-25LMB		616



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## SECTION 1, MICROCIRCUITS

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5962-8670511ZA	H	07/05/2017	1	PYRAMID		Y P4C168-25FSMB		616
5962-8670512RA	H	07/05/2017	1	PYRAMID		Y P4C168-35DMB		616
5962-8670512UA	H	07/05/2017	1	PYRAMID		Y P4C168-35LMB		616
5962-8670512XA	H	07/05/2017	1	PYRAMID		Y P4C168-35LMB		616
5962-8670512ZA	H	07/05/2017	1	PYRAMID		Y P4C168-35FSMB		616
5962-8670513RA	H	07/05/2017	1	PYRAMID		Y P4C168-45DMB		616
5962-8670513UA	H	07/05/2017	1	PYRAMID		Y P4C168-45LMB		616
5962-8670513XA	H	07/05/2017	1	PYRAMID		Y P4C168-45LMB		616
5962-8670513ZA	H	07/05/2017	1	PYRAMID		Y P4C168-45FSMB		616
5962-8670514RA	H	07/05/2017	1	PYRAMID		Y P4C168-55DMB		616
5962-8670514UA	H	07/05/2017	1	PYRAMID		Y P4C168-55LMB		616
5962-8670514XA	H	07/05/2017	1	PYRAMID		Y P4C168-55LMB		616
5962-8670514ZA	H	07/05/2017	1	PYRAMID		Y P4C168-55FSMB		616
5962-8670515RA	H	07/05/2017	1	PYRAMID		Y P4C168-70DMB		616
5962-8670515UA	H	07/05/2017	1	PYRAMID		Y P4C168-70LMB		616
5962-8670515XA	H	07/05/2017	1	PYRAMID		Y P4C168-70LMB		616
5962-8670515ZA	H	07/05/2017	1	PYRAMID		Y P4C168-70FSMB		616
5962-8670516RA	H	07/05/2017	1	PYRAMID		Y P4C168-25DMB		616
5962-8670516UA	H	07/05/2017	1	PYRAMID		Y P4C168-25LMB		616
5962-8670516XA	H	07/05/2017	1	PYRAMID		Y P4C168-25LMB		616
5962-8670516ZA	H	07/05/2017	1	PYRAMID		Y P4C168-25FSMB		616
5962-8670517RA	H	07/05/2017	1	PYRAMID		Y P4C168L-25DMB		616
5962-8670517UA	H	07/05/2017	1	PYRAMID		Y P4C168L-25LMB		616
5962-8670517XA	H	07/05/2017	1	PYRAMID		Y P4C168L-25LMB		616
5962-8670517ZA	H	07/05/2017	1	PYRAMID		Y P4C168L-25FSMB		616
5962-8670518RA	H	07/05/2017	1	PYRAMID		Y P4C168-35DMB		616
5962-8670518UA	H	07/05/2017	1	PYRAMID		Y P4C168-35LMB		616
5962-8670518XA	H	07/05/2017	1	PYRAMID		Y P4C168-35LMB		616
5962-8670518ZA	H	07/05/2017	1	PYRAMID		Y P4C168-35FSMB		616
5962-8670519RA	H	07/05/2017	1	PYRAMID		Y P4C168L-35DMB		616
5962-8670519UA	H	07/05/2017	1	PYRAMID		Y P4C168L-35LMB		616
5962-8670519XA	H	07/05/2017	1	PYRAMID		Y P4C168L-35LMB		616
5962-8670519ZA	H	07/05/2017	1	PYRAMID		Y P4C168L-35FSMB		616
5962-8670520RA	H	07/05/2017	1	PYRAMID		Y P4C168-45DMB		616
5962-8670520UA	H	07/05/2017	1	PYRAMID		Y P4C168-45LMB		616
5962-8670520XA	H	07/05/2017	1	PYRAMID		Y P4C168-45LMB		616
5962-8670520ZA	H	07/05/2017	1	PYRAMID		Y P4C168-45FSMB		616
5962-8670521RA	H	07/05/2017	1	PYRAMID		Y P4C168L-45DMB		616
5962-8670521UA	H	07/05/2017	1	PYRAMID		Y P4C168L-45LMB		616
5962-8670521XA	H	07/05/2017	1	PYRAMID		Y P4C168L-45LMB		616
5962-8670521ZA	H	07/05/2017	1	PYRAMID		Y P4C168L-45FSMB		616
5962-8670522RA	H	07/05/2017	1	PYRAMID		Y P4C168-55DMB		616
5962-8670522UA	H	07/05/2017	1	PYRAMID		Y P4C168-55LMB		616
5962-8670522XA	H	07/05/2017	1	PYRAMID		Y P4C168-55LMB		616
5962-8670522ZA	H	07/05/2017	1	PYRAMID		Y P4C168-55FSMB		616
5962-8670523RA	H	07/05/2017	1	PYRAMID		Y P4C168L-55DMB		616
5962-8670523UA	H	07/05/2017	1	PYRAMID		Y P4C168L-55LMB		616
5962-8670523XA	H	07/05/2017	1	PYRAMID		Y P4C168L-55LMB		616
5962-8670523ZA	H	07/05/2017	1	PYRAMID		Y P4C168L-55FSMB		616

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## SECTION 1, MICROCIRCUITS

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8670524RA	H	07/05/2017	1	PYRAMID		Y P4C168-70DMB		616
5962-8670524UA	H	07/05/2017	1	PYRAMID		Y P4C168-70LMB		616
5962-8670524XA	H	07/05/2017	1	PYRAMID		Y P4C168-70LMB		616
5962-8670524ZA	H	07/05/2017	1	PYRAMID		Y P4C168-70FSMB		616
5962-8670525RA	H	07/05/2017	1	PYRAMID		Y P4C168L-70DMB		616
5962-8670525UA	H	07/05/2017	1	PYRAMID		Y P4C168L-70LMB		616
5962-8670525XA	H	07/05/2017	1	PYRAMID		Y P4C168L-70LMB		616
5962-8670525ZA	H	07/05/2017	1	PYRAMID		Y P4C168L-70FSMB		616
5962-86706013A	D	07/05/2017		(NONE)		27S35 (GEN)		657
5962-8670601KA	D	07/05/2017		(NONE)	08/02/1996	27S35 (GEN)		657
5962-8670601LA	D	07/05/2017		(NONE)	08/02/1996	27S35 (GEN)		657
5962-8670601XA	D	07/05/2017		(NONE)	08/02/1996	27S35 (GEN)		657
5962-86706023A	D	07/05/2017		(NONE)		27S35A (GEN)		657
5962-8670602KA	D	07/05/2017		(NONE)	08/02/1996	27S35A (GEN)		657
5962-8670602LA	D	07/05/2017		(NONE)	08/02/1996	27S35A (GEN)		657
5962-8670602XA	D	07/05/2017		(NONE)	08/02/1996	27S35A (GEN)		657
5962-86706033A	D	07/05/2017		(NONE)	08/02/1996	27S37 (GEN)		657
5962-8670603KA	D	07/05/2017		(NONE)	08/02/1996	27S37 (GEN)		657
5962-8670603LA	D	07/05/2017		(NONE)	08/02/1996	27S37 (GEN)		657
5962-8670603XA	D	07/05/2017		(NONE)	08/02/1996	27S37 (GEN)		657
5962-86706043A	D	07/05/2017		(NONE)	08/02/1996	27S37A (GEN)		657
5962-8670604KA	D	07/05/2017		(NONE)	08/02/1996	27S37A (GEN)		657
5962-8670604LA	D	07/05/2017		(NONE)	08/02/1996	27S37A (GEN)		657
5962-8670604XA	D	07/05/2017		(NONE)	08/02/1996	27S37A (GEN)		657
5962-86707012A	A	02/22/2010		(NONE)	06/30/1994	2965 (GEN)		584
5962-8670701RA	A	02/22/2010		(NONE)	06/30/1994	2965 (GEN)		584
5962-86707022A	A	02/22/2010		(NONE)	06/30/1994	2966 (GEN)		584
5962-8670702RA	A	02/22/2010		(NONE)	06/30/1994	2966 (GEN)		584
5962-8670801EA	A	04/04/2007		(NONE)		25LS399 (GEN)		355
5962-8670801FA	A	04/04/2007		(NONE)		25LS399 (GEN)		355
5962-86709013A	G	05/01/2017	1	E2V		Y 82S105/B3A		431
5962-86709013A	G	05/01/2017	1	LANSDALE		Y SL82S105/B3A		431
5962-8670901XA	G	05/01/2017	1	E2V		Y 82S105/BXA		431
5962-8670901XA	G	05/01/2017	1	LANSDALE		Y SL82S105/BXA		431
5962-8670901YA	G	05/01/2017	1	E2V		Y 82S105/BYA		431
5962-8670901YA	G	05/01/2017	1	LANSDALE		Y SL82S105/BYA		431
5962-86709023A	G	05/01/2017		(NONE)		82S105 (GEN)		431
5962-8670902XA	G	05/01/2017		(NONE)		82S105 (GEN)		431
5962-8670902YA	G	05/01/2017		(NONE)		82S105 (GEN)		431
5962-86710012A	D	10/27/2017		(NONE)	09/30/1995	54F381 (GEN)		205
5962-8671001RA	D	10/27/2017		(NONE)	09/30/1995	54F381 (GEN)		205
5962-8671001SA	D	10/27/2017		(NONE)	09/30/1995	54F381 (GEN)		205
5962-86710023A	D	10/27/2017		E2V		Y 54F181LMQB		205
5962-8671002JA	D	10/27/2017		E2V		Y 54F181DMQB		205
5962-8671101XA	E	08/02/2010		(NONE)	07/17/2013	LM113 (GEN)		785
5962-8671101ZA	E	08/02/2010		(NONE)	07/19/2017	LM113 (GEN)		785
5962-8671102XA	E	08/02/2010		(NONE)	07/17/2013	LM113-1 (GEN)		785
5962-8671102ZA	E	08/02/2010		(NONE)	12/03/2008	LM113 (GEN)		785
5962-8671103XA	E	08/02/2010		(NONE)	09/09/1999	LM113-2 (GEN)		785

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5962-8671201CA	D	04/13/2007		(NONE)	09/30/1995		1545 (GEN)	755
5962-8671201IA	D	04/13/2007		(NONE)	09/30/1995		1545 (GEN)	755
5962-86713012A	C	10/15/2015	1	ROCHESTER		Y	25LS2521/B2A	209
5962-86713012A	C	10/15/2015	1	SRI		Y	GEM12401B2A	209
5962-86713012C	C	10/15/2015	1	SRI		Y	GEM12401B2C	209
5962-8671301RA	C	10/15/2015	1	ROCHESTER		Y	25LS2521/BRA	209
5962-8671301RA	C	10/15/2015	1	SRI		Y	GEM12401BRA	209
5962-8671301RC	C	10/15/2015	1	SRI		Y	GEM12401BRC	209
5962-8671301SA	C	10/15/2015	1	ROCHESTER		Y	25LS2521/BSA	209
5962-8671301SA	C	10/15/2015	1	SRI		Y	GEM12401BSA	209
5962-8671301SC	C	10/15/2015	1	SRI		Y	GEM12401BSC	209
5962-86714012A	D	09/21/2015	1	ROCHESTER		Y	2917A/B2A	590
5962-8671401RA	D	09/21/2015	1	ROCHESTER		Y	2917A/BRA	590
5962-8671401SA	D	09/21/2015	1	ROCHESTER		Y	2917A/BSA	590
5962-86715012A	D	04/26/2017	1	ROCHESTER		Y	25S18/B2A	159
5962-86715012A	D	04/26/2017		SRI		Y	GEM12001Q2A	159
5962-86715012C	D	04/26/2017		SRI		Y	GEM12001Q2C	159
5962-8671501EA	D	04/26/2017	1	ROCHESTER		Y	25S18/BEA	159
5962-8671501EA	D	04/26/2017		SRI		Y	GEM12001QEA	159
5962-8671501EC	D	04/26/2017		SRI		Y	GEM12001QEC	159
5962-8671501FA	D	04/26/2017	1	ROCHESTER		Y	25S18/BFA	159
5962-8671501FA	D	04/26/2017		SRI		Y	GEM12001QFA	159
5962-8671501FC	D	04/26/2017		SRI		Y	GEM12001QFC	159
5962-86716012A	E	08/20/2015	1	RENESAS		Y	HI4-201HS/883	183
5962-8671601EA	E	08/20/2015	1	RENESAS		Y	HI1-201HS/883	183
5962-86716022A	E	08/20/2015		(NONE)	01/06/2017		DG271 (GEN)	183
5962-8671602EA	E	08/20/2015		(NONE)	01/06/2017		DG271 (GEN)	183
5962-86716032A	E	08/20/2015		(NONE)	12/21/2013		ADG201HST (GEN)	183
5962-8671603EA	E	08/20/2015		(NONE)	12/21/2013		ADG201HST (GEN)	183
5962-8671603VEA	E	08/20/2015		(NONE)			ADG201HST (GEN)	183
5962-86717012A	F	11/16/2017		(NONE)	11/28/2015		54LS595 (GEN)	226
5962-8671701EA	F	11/16/2017	1	TI		Y	SNJ54LS595J	226
5962-8671701FA	F	11/16/2017	1	TI		Y	SNJ54LS595W	226
5962-86718012A	D	11/22/2017	1	ROCHESTER		Y	25S10/B2A	220
5962-8671801EA	D	11/22/2017	1	ROCHESTER		Y	25S10/BEA	220
5962-8671801FA	D	11/22/2017	1	ROCHESTER		Y	25S10/BFA	220
5962-86719012A	A	04/10/2007		(NONE)			29LS18 (GEN)	220
5962-8671901EA	A	04/10/2007		(NONE)			29LS18 (GEN)	220
5962-8671901FA	A	04/10/2007		(NONE)			29LS18 (GEN)	220
5962-86720012A	C	10/15/2015	1	ROCHESTER		Y	26S10/B2A	590
5962-8672001EA	C	10/15/2015	1	ROCHESTER		Y	26S10/BEA	590
5962-8672001FA	C	10/15/2015	1	ROCHESTER		Y	26S10/BFA	590
5962-86721012A	F	03/05/2018	1A	E2V		Y	QP1691AE/883	569
5962-86721012A	F	03/05/2018	1A	E2V		Y	QP26LS30/B2A	569
5962-86721012A	F	03/05/2018	1	ROCHESTER		Y	26LS30/B2A	569
5962-8672101EA	F	03/05/2018	1A	E2V		Y	QP26LS30/BEA	569
5962-8672101EA	F	03/05/2018	1A	E2V		Y	QP1691AJ/883	569
5962-8672101EA	F	03/05/2018	1	ROCHESTER		Y	26LS30/BEA	569
5962-8672101FA	F	03/05/2018	1A	E2V		Y	QP26LS30/BFA	569

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8672101FA	F	03/05/2018	1A	E2V		Y	QP1691AW/883	569
5962-8672101FA	F	03/05/2018	1	ROCHESTER		Y	26LS30/BFA	569
5962-8672201EA	G	12/13/2017		(NONE)			5560 (GEN)	787
5962-86723012A	E	07/13/2015	1	ROCHESTER		Y	2947/B2A	590
5962-86723012A	E	07/13/2015	1	SRI		Y	GEM07501Q2A	590
5962-86723012C	E	07/13/2015	1	SRI		Y	GEM07501Q2C	590
5962-8672301RA	E	07/13/2015	1	ROCHESTER		Y	2947/BRA	590
5962-8672301RA	E	07/13/2015	1	SRI		Y	GEM07501QRA	590
5962-8672301RC	E	07/13/2015	1	SRI		Y	GEM07501QRC	590
5962-86723022A	E	07/13/2015	1	ROCHESTER		Y	2946/B2A	590
5962-86723022A	E	07/13/2015	1	SRI		Y	GEM13302B2A	590
5962-86723022C	E	07/13/2015	1	SRI		Y	GEM13302B2C	590
5962-8672302RA	E	07/13/2015	1	ROCHESTER		Y	2946/BRA	590
5962-8672302RA	E	07/13/2015	1	SRI		Y	GEM13302BRA	590
5962-8672302RC	E	07/13/2015	1	SRI		Y	GEM13302BRC	590
5962-8672401RA	B	04/10/2007		(NONE)			25S240 (GEN)	529
5962-8672401SA	B	04/10/2007		(NONE)			25S240 (GEN)	529
5962-8672501RA	B	12/16/2009		(NONE)	06/30/1994		25S241 (GEN)	529
5962-8672501SA	B	12/16/2009		(NONE)	06/30/1994		25S241 (GEN)	529
5962-8672601EA	D	04/26/2017	1	ROCHESTER		Y	93S48/BEA	210
5962-8672601EA	D	04/26/2017	2	SRI		Y	GEM09301EA	210
5962-8672601EC	D	04/26/2017	2	SRI		Y	GEM09301EC	210
5962-8672601FA	D	04/26/2017	1	ROCHESTER		Y	93S48/BFA	210
5962-8672601FA	D	04/26/2017	2	SRI		Y	GEM09301FA	210
5962-8672701EA	C	04/26/2017	1	ROCHESTER		Y	93S16/BEA	304
5962-8672701FA	C	04/26/2017	1	ROCHESTER		Y	93S16/BFA	304
5962-8672801EA	C	06/13/2017	1	ROCHESTER		Y	25S09/BEA	275
5962-8672801FA	C	06/13/2017	1	ROCHESTER		Y	25S09/BFA	275
5962-86801013A	A	03/07/1988		(NONE)	06/30/1994		2942 (GEN)	429
5962-8680101WA	A	03/07/1988		(NONE)	06/30/1994		2942 (GEN)	429
5962-8680201VA	G	09/04/2018	1	ANALOG (2)		Y	AD570SD/883B	592
5962-8680202VA	G	09/04/2018	1	ANALOG (2)		Y	AD571SD/883B	592
5962-8680203VVA	G	09/04/2018	1	ANALOG (4)		Y	AD571SD/QMLV	592
5962-86803013A	D	02/06/2018		(NONE)			PAL20RA10 (GEN)	431
5962-8680301KA	D	02/06/2018		(NONE)			PAL20RA10 (GEN)	431
5962-8680301LA	D	02/06/2018		(NONE)			PAL20RA10 (GEN)	431
5962-86804013A	C	02/07/2018		(NONE)			PAL18L4 (GEN)	431
5962-8680401KA	C	02/07/2018		(NONE)			PAL18L4 (GEN)	431
5962-8680401LA	C	02/07/2018		(NONE)			PAL18L4 (GEN)	431
5962-86804023A	C	02/07/2018		(NONE)			PAL12L10 (GEN)	431
5962-8680402KA	C	02/07/2018		(NONE)			PAL12L10 (GEN)	431
5962-8680402LA	C	02/07/2018		(NONE)			PAL12L10 (GEN)	431
5962-86804033A	C	02/07/2018		(NONE)			PAL14L8 (GEN)	431
5962-8680403KA	C	02/07/2018		(NONE)			PAL14L8 (GEN)	431
5962-8680403LA	C	02/07/2018		(NONE)			PAL14L8 (GEN)	431
5962-86804043A	C	02/07/2018		(NONE)			PAL16L6 (GEN)	431
5962-8680404KA	C	02/07/2018		(NONE)			PAL16L6 (GEN)	431
5962-8680404LA	C	02/07/2018		(NONE)			PAL16L6 (GEN)	431
5962-86804053A	C	02/07/2018		(NONE)			PAL20L2 (GEN)	431

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5962-8680405KA	C	02/07/2018		(NONE)			PAL20L2 (GEN)	431
5962-8680405LA	C	02/07/2018		(NONE)			PAL20L2 (GEN)	431
5962-86804063A	C	02/07/2018		(NONE)			PAL20C1 (GEN)	431
5962-8680406KA	C	02/07/2018		(NONE)			PAL20C1 (GEN)	431
5962-8680406LA	C	02/07/2018		(NONE)			PAL20C1 (GEN)	431
5962-8680501QA	H	01/20/2017	2	E2V		Y	EV27C1024-30/QA	664
5962-8680501QA	H	01/20/2017	2	E2V			AT27C1024-30/QA	664
5962-8680501XA	H	01/20/2017	2	E2V		Y	EV27C1024-30/XA	664
5962-8680501XA	H	01/20/2017	2	E2V			AT27C1024-30/XA	664
5962-8680502QA	H	01/20/2017	2	E2V		Y	EV27C1024-25/QA	664
5962-8680502QA	H	01/20/2017	2	E2V			AT27C1024-25/QA	664
5962-8680502XA	H	01/20/2017	2	E2V		Y	EV27C1024-25/XA	664
5962-8680502XA	H	01/20/2017	2	E2V			AT27C1024-25/XA	664
5962-8680503QA	H	01/20/2017	2	E2V		Y	EV27C1024-20/QA	664
5962-8680503QA	H	01/20/2017	2	E2V			AT27C1024-20/QA	664
5962-8680503XA	H	01/20/2017	2	E2V		Y	EV27C1024-20/XA	664
5962-8680503XA	H	01/20/2017	2	E2V			AT27C1024-20/XA	664
5962-8680504QA	H	01/20/2017	2	E2V		Y	EV27C1024-17/QA	664
5962-8680504QA	H	01/20/2017	2	E2V			AT27C1024-17/QA	664
5962-8680504XA	H	01/20/2017	2	E2V			AT27C1024-17/XA	664
5962-8680504XC	H	01/20/2017	2	E2V		Y	EV27C1024-17/XC	664
5962-8680504XC	H	01/20/2017	2	E2V			AT27C1024-17/XC	664
5962-8680505QA	H	01/20/2017	2	E2V		Y	EV27C1024-15/QA	664
5962-8680505QA	H	01/20/2017	2	E2V			AT27C1024-15/QA	664
5962-8680505XA	H	01/20/2017	2	E2V		Y	EV27C1024-15/XA	664
5962-8680505XA	H	01/20/2017	2	E2V			AT27C1024-15/XA	664
5962-8680506QA	H	01/20/2017	2	E2V		Y	EV27C1024-12/QA	664
5962-8680506QA	H	01/20/2017	2	E2V			AT27C1024-12/QA	664
5962-8680506XA	H	01/20/2017	2	E2V		Y	EV27C1024-12/XA	664
5962-8680506XA	H	01/20/2017	2	E2V			AT27C1024-12/XA	664
5962-8680507QA	H	01/20/2017	2	E2V		Y	EV27C1024-90/QA	664
5962-8680507QA	H	01/20/2017	2	E2V			AT27C1024-90/QA	664
5962-8680507XA	H	01/20/2017	2	E2V		Y	EV27C1024-90/XA	664
5962-8680507XA	H	01/20/2017	2	E2V			AT27C1024-90/XA	664
5962-8680508QA	H	01/20/2017	2	E2V			AT27HC1024-70/QA	664
5962-8680508XA	H	01/20/2017	2	E2V			AT27HC1024-70/XA	664
5962-86806012A	J	01/27/2017	1	MICROSEMI (1)		Y	SG1846L/883B	787
5962-86806012A	J	01/27/2017	2	TI		Y	UC1846L/883B	787
5962-8680601V2A	J	01/27/2017	2	TI		Y	UC1846LQMLV	787
5962-8680601EA	J	01/27/2017	1	MICROSEMI (1)		Y	SG1846J/883B	787
5962-8680601EA	J	01/27/2017	2	TI		Y	UC1846J/883B	787
5962-8680601VEA	J	01/27/2017	2	TI		Y	UC1846JQMLV	787
5962-8680601FA	J	01/27/2017	1	MICROSEMI (1)		Y	SG1846F/883B	787
5962-86806022A	J	01/27/2017		(NONE)	12/31/2001		UC1847 (GEN)	787
5962-8680602EA	J	01/27/2017		(NONE)	12/31/2001		UC1847 (GEN)	787
5962-8680602FA	J	01/27/2017		(NONE)			1847 (GEN)	787
5962-8680603V2A	J	01/27/2017	2	TI		Y	UC1846FK-SP	787
5962-8680603V9A	J	01/27/2017	2	TI		Y	UC1846KGD-SP	787
5962-8680603VEA	J	01/27/2017	2	TI		Y	UC1846J-SP	787



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5962P8680603VEA	J	01/27/2017	2	TI		Y UC1846J-RHA		787
5962-8680603VFA	J	01/27/2017	2	TI		Y UC1846W-SP		787
5962P8680603VFA	J	01/27/2017	2	TI		Y UC1846W-RHA		787
5962-8680901YA	D	05/05/2009		(NONE)		8797BH (GEN)		420
5962-8680901ZA	D	05/05/2009		(NONE)		8797BH (GEN)		420
5962-8681001XA	A	12/20/1988		(NONE)	09/01/1997	68562 (GEN)		420
5962-8681101XA		02/26/1991		(NONE)		68442-8 (GEN)		423
5962-8681101YA		02/26/1991		(NONE)		68442-8 (GEN)		423
5962-86812012A	E	12/20/2017	3	TI		Y SNJ54HC368FK		523
5962-8681201EA	E	12/20/2017	3	TI		Y SNJ54HC368J		523
5962-86813012A	D	03/24/2015		(NONE)		54HC533 (GEN)		341
5962-8681301RA	D	03/24/2015	1	TI		Y CD54HC533F3A		341
5962-86814012A	D	01/30/2018	1	ROCHESTER		Y 54HC534/B2A		159
5962-8681401RA	D	01/30/2018	1	TI		Y CD54HC534F3A		159
5962-86815012A	D	12/22/2015		(NONE)		54HC564 (GEN)		159
5962-8681501RA	D	12/22/2015	1	TI		Y CD54HC564F3A		159
5962-86816012A	E	02/26/2015	3	TI		Y SNJ54HC595FK		226
5962-8681601EA	E	02/26/2015	3	TI		Y SNJ54HC595J		226
5962-8681601VEA	E	02/26/2015	3	TI		Y SNV54HC595J		226
5962-8681601VFA	E	02/26/2015	3	TI		Y SNV54HC595W		226
5962-86817012A	E	09/24/2018		(NONE)		54HC597 (GEN)		225
5962-8681701EA	E	09/24/2018	1	TI		Y CD54HC597F3A		225
5962-86818012A	F	08/28/2018	1	TI		Y SNJ54HC688FK		209
5962-8681801RA	F	08/28/2018	1	TI		Y SNJ54HC688J		209
5962-86819012A	G	08/27/2013		(NONE)		54HC4049 (GEN)		541
5962-8681901EA	G	08/27/2013	1	TI		Y CD54HC4049F3A		541
5962-8681901FA	G	08/27/2013		(NONE)		54HC4049 (GEN)		541
5962-8681901VFA	G	08/27/2013		(NONE)		54HC4049 (GEN)		541
5962-8681901VXA	G	08/27/2013		(NONE)		54HC4049 (GEN)		541
5962-8681901XA	G	08/27/2013		(NONE)		54HC4049 (GEN)		541
5962-86820012A	G	08/27/2013		(NONE)		54HC4050 (GEN)		540
5962-8682001EA	G	08/27/2013	1	TI		Y CD54HC4050F3A		540
5962-8682001FA	G	08/27/2013		(NONE)		54HC4050 (GEN)		540
5962-8682001VFA	G	08/27/2013		(NONE)		54HC4050 (GEN)		540
5962-8682001VXA	G	08/27/2013		(NONE)		54HC4050 (GEN)		540
5962-8682001XA	G	08/27/2013		(NONE)		54HC4050 (GEN)		540
5962-86821012A	E	12/22/2015	2	TI		Y SNJ54HC42FK		281
5962-8682101EA	E	12/22/2015	2	TI		Y SNJ54HC42J		281
5962-8682101FA	E	12/22/2015		(NONE)		54HC42 (GEN)		281
5962-86822013A	F	12/14/2012	1	ROCHESTER		MM54HC154E/883		280
5962-8682201JA	F	12/14/2012	1	ROCHESTER		MM54HC154J/883		280
5962-8682201JA	F	12/14/2012	1	TI		Y CD54HC154F3A		280
5962-8682201LA	F	12/14/2012	1	ROCHESTER		MM54HC154JS/883		280
5962-86823012A	D	06/21/2013	1	ROCHESTER		54HC158/B2A		275
5962-8682301EA	D	06/21/2013	1	ROCHESTER		54HC158/BEA		275
5962-8682301FA	D	06/21/2013	1	ROCHESTER		54HC158/BFA		275
5962-86824012A	B	02/02/2012	1	ROCHESTER		54HC160/B2A		301
5962-8682401EA	B	02/02/2012	1	ROCHESTER		54HC160/BEA		301
5962-8682401FA	B	02/02/2012	1	ROCHESTER		54HC160/BFA		301



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5962-86825012A	D	12/22/2014	1	ROCHESTER		Y 54HC173/B2A		159
5962-8682501EA	D	12/22/2014	1	TI		Y CD54HC173F3A		159
5962-86826012A	E	07/25/2018	1	ROCHESTER		Y 54HC194/B2A		220
5962-8682601EA	E	07/25/2018	1	TI		Y CD54HC194F3A		220
5962-86827012A	D	06/21/2013		(NONE)	11/28/2015	54HC195 (GEN)		220
5962-8682701EA	D	06/21/2013	1	TI		Y SNJ54HC195J		220
5962-86828012A	E	12/22/2015	1	TI		Y SNJ54HC366FK		514
5962-8682801EA	E	12/22/2015	1	TI		Y SNJ54HC366J		514
5962-8683001XA	C	07/14/2017		(NONE)		2864-250 (GEN)		660
5962-8683001YA	C	07/14/2017		(NONE)		2864-250 (GEN)		660
5962-8683001ZA	C	07/14/2017		(NONE)		2864-250 (GEN)		660
5962-8683002XA	C	07/14/2017		(NONE)		2864-350 (GEN)		660
5962-8683002YA	C	07/14/2017		(NONE)		2864-350 (GEN)		660
5962-8683002ZA	C	07/14/2017		(NONE)		2864-350 (GEN)		660
5962-8683003XA	C	07/14/2017		(NONE)		2864-300 (GEN)		660
5962-8683003YA	C	07/14/2017		(NONE)		2864-300 (GEN)		660
5962-8683003ZA	C	07/14/2017		(NONE)		2864-300 (GEN)		660
5962-8683004XA	C	07/14/2017		(NONE)		5233-250 (GEN)		660
5962-8683004YA	C	07/14/2017		(NONE)		5233-250 (GEN)		660
5962-8683004ZA	C	07/14/2017		(NONE)		5233-250 (GEN)		660
5962-8683005XA	C	07/14/2017		(NONE)		2864-250 (GEN)		660
5962-8683005YA	C	07/14/2017		(NONE)		2864-250 (GEN)		660
5962-8683005ZA	C	07/14/2017		(NONE)		2864-250 (GEN)		660
5962-8683006XA	C	07/14/2017		(NONE)	02/01/1994	2864-25 (GEN)		660
5962-8683006YA	C	07/14/2017		(NONE)	02/01/1994	2864-25 (GEN)		660
5962-8683006ZA	C	07/14/2017		(NONE)	02/01/1994	2864-25 (GEN)		660
5962-8683007XA	C	07/14/2017		(NONE)	02/01/1994	2864-35 (GEN)		660
5962-8683007YA	C	07/14/2017		(NONE)	02/01/1994	2864-35 (GEN)		660
5962-8683007ZA	C	07/14/2017		(NONE)	02/01/1994	2864-35 (GEN)		660
5962-8683008XA	C	07/14/2017		(NONE)		2864-25 (GEN)		660
5962-8683008YA	C	07/14/2017		(NONE)		2864-25 (GEN)		660
5962-8683008ZA	C	07/14/2017		(NONE)		2864-25 (GEN)		660
5962-8683009XA	C	07/14/2017		(NONE)		2864-300 (GEN)		660
5962-8683009YA	C	07/14/2017		(NONE)		2864-300 (GEN)		660
5962-8683009ZA	C	07/14/2017		(NONE)		2864-300 (GEN)		660
5962-8683010XA	C	07/14/2017		(NONE)		2864 (GEN)		660
5962-8683010YA	C	07/14/2017		(NONE)		2864 (GEN)		660
5962-8683010ZA	C	07/14/2017		(NONE)		2864 (GEN)		660
5962-8683101CA	C	06/21/2013	1	TI		Y CD54HCT00F3A		100
5962-86833012A	E	11/09/2015		TI		Y SNJ54ALS00AFK		100
5962-8683301DA	E	11/09/2015		TI		Y SNJ54ALS00AW		100
5962-86834012A	D	11/22/2017	1	E2V		Y 54F243/2A		590
5962-8683401CA	D	11/22/2017	1	E2V		Y 54F243/CA		590
5962-8683401DA	D	11/22/2017	1	E2V		Y 54F243/DA		590
5962-86836012A	E	05/18/2016		TI		Y SNJ54ALS32FK		125
5962-8683601DA	E	05/18/2016	2	TI		Y SNJ54ALS32W		125
5962-86837012A	E	06/01/2018		TI		Y SNJ54ALS30AFK		106
5962-8683701DA	E	06/01/2018	2	TI		Y SNJ54ALS30AW		106
5962-86838012A	E	02/10/2016		TI		Y SNJ54ALS27FK		122

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5962-8683801DA	E	02/10/2016	1	TI		Y	SNJ54ALS27W	122
5962-86839012A	H	02/10/2016	2	TI		Y	SNJ54ALS244CFK	529
5962-8683901RA	H	02/10/2016	2	TI		Y	SNJ54ALS244CJ	529
5962-8683901VRA	H	02/10/2016	2	TI		Y	SNV54ALS244CJ	529
5962-8683901SA	H	02/10/2016	2	TI		Y	SNJ54ALS244CW	529
5962-8683901VSA	H	02/10/2016	2	TI		Y	SNV54ALS244CW	529
5962-86840012A	G	04/26/2017	2	TI		Y	SNJ54ALS191AFK	304
5962-8684001EA	G	04/26/2017	2	TI		Y	SNJ54ALS191AJ	304
5962-8684001FA	G	04/26/2017	2	TI		Y	SNJ54ALS191AW	304
5962-86841012A	E	04/05/2016	2	TI		Y	SNJ54ALS11AFK	112
5962-8684101CA	E	04/05/2016	2	TI		Y	SNJ54ALS11AJ	112
5962-8684101DA	E	04/05/2016	2	TI		Y	SNJ54ALS11AW	112
5962-86842012A	G	07/23/2018	2	TI		Y	SNJ54ALS08FK	110
5962-8684201CA	G	07/23/2018	2	TI		Y	SNJ54ALS08J	110
5962-8684201VCA	G	07/23/2018	2	TI		Y	SNV54ALS08J	110
5962-8684201DA	G	07/23/2018	2	TI		Y	SNJ54ALS08W	110
5962-86843012A	E	04/02/2018		TI		Y	SNJ54ALS04BFK	143
5962-8684301DA	E	04/02/2018	2	TI		Y	SNJ54ALS04BW	143
5962-86844012A	F	04/13/2018		TI		Y	SNJ54ALS02FK	120
5962-8684401DA	F	04/13/2018		(NONE)			54ALS02 (GEN)	120
5962-8684501IA	D	11/17/2014	1C	LINEAR TECH.		Y	LT1016MH/883	779
5962-8684501IA	D	11/17/2014	1	MICROSS		Y	MTLT1016QH	779
5962-8684501PA	D	11/17/2014	1	MICROSS		Y	MTLT1016QD8	779
5962-86846012A	E	05/01/2017		(NONE)			7C404-10 (GEN)	670
5962-8684601SA	E	05/01/2017		(NONE)			72404L25 (GEN)	670
5962-8684601VA	E	05/01/2017		(NONE)	10/29/2001		72404L10 (GEN)	670
5962-8684601XA	E	05/01/2017		(NONE)			72404L10 (GEN)	670
5962-86846022A	E	05/01/2017		(NONE)			7C404-15 (GEN)	670
5962-8684602SA	E	05/01/2017		(NONE)			72404L15 (GEN)	670
5962-8684602VA	E	05/01/2017		(NONE)	10/31/2004		72404L15 (GEN)	670
5962-8684602XA	E	05/01/2017		(NONE)			72404L15 (GEN)	670
5962-86846032A	E	05/01/2017		(NONE)			7C404-25 (GEN)	670
5962-8684603SA	E	05/01/2017		(NONE)			72404L25 (GEN)	670
5962-8684603VA	E	05/01/2017		(NONE)	10/29/2001		72404L25 (GEN)	670
5962-8684603XA	E	05/01/2017		(NONE)			72404L25 (GEN)	670
5962-86846042A	E	05/01/2017		(NONE)			72404L35 (GEN)	670
5962-8684604SA	E	05/01/2017		(NONE)			72404L35 (GEN)	670
5962-8684604VA	E	05/01/2017		(NONE)	10/31/2004		72404L35 (GEN)	670
5962-8684701EA	F	10/29/2014	1	TI		Y	CD54HC123F3A	166
5962-86847022A	F	10/29/2014	1	E2V		Y	MM54HC123AE/883	166
5962-8684702EA	F	10/29/2014	1	E2V		Y	MM54HC123AJ/883	166
5962-86848012A	E	10/23/2014	3	TI		Y	SNJ54HC126FK	520
5962-8684801CA	E	10/23/2014	3	TI		Y	CD54HC126F3A	520
5962-8684801CA	E	10/23/2014	3	TI		Y	SNJ54HC126J	520
5962-8684901PA	B	06/19/2014		MICROSEMI (1)		Y	SG1549Y/883B	899
5962-86850012A	B	04/05/2016		(NONE)	06/01/1997		54F194 (GEN)	220
5962-8685001EA	B	04/05/2016		(NONE)	06/01/1997		54F194 (GEN)	220
5962-8685001FA	B	04/05/2016		(NONE)	06/01/1997		54F194 (GEN)	220
5962-8685101XA	B	12/04/1992		(NONE)			8X376 (GEN)	421

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## SECTION 1, MICROCIRCUITS

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8685201CA	C	06/26/2014	1	TI		Y	CD54HCT32F3A	125
5962-8685301CA	C	03/24/2015	1	TI		Y	CD54HCT74F3A	158
5962-8685401EA		01/15/1987		(NONE)	06/01/2001		54HCT161 (GEN)	304
5962-8685501EA	C	03/26/2015	1	TI		Y	CD54HCT165F3A	225
5962-8685601RA	C	04/20/2015	1	TI		Y	CD54HCT573F3A	341
5962-8685701RA	C	11/19/2015	1	TI		Y	CD54HCT688F3A	209
5962-8685901LA	C	02/17/2015	1	PYRAMID		Y	P4C198A-85DMB	620
5962-8685901XA	C	02/17/2015	1	PYRAMID		Y	P4C198A-85LMB	620
5962-8685902LA	C	02/17/2015	1	PYRAMID		Y	P4C198AL-85DMB	620
5962-8685902XA	C	02/17/2015	1	PYRAMID		Y	P4C198AL-85LMB	620
5962-8685903LA	C	02/17/2015	1	PYRAMID		Y	P4C198A-70DMB	620
5962-8685903XA	C	02/17/2015	1	PYRAMID		Y	P4C198A-70LMB	620
5962-8685904LA	C	02/17/2015	1	PYRAMID		Y	P4C198AL-70DMB	620
5962-8685904XA	C	02/17/2015	1	PYRAMID		Y	P4C198AL-70LMB	620
5962-8685905LA	C	02/17/2015	1	PYRAMID		Y	P4C198A-55CMB	620
5962-8685905XA	C	02/17/2015	1	PYRAMID		Y	P4C198A-55LMB	620
5962-8685906LA	C	02/17/2015	1	PYRAMID		Y	P4C198AL-55CMB	620
5962-8685906XA	C	02/17/2015	1	PYRAMID		Y	P4C198AL-55LMB	620
5962-8685907LA	C	02/17/2015	1	PYRAMID		Y	P4C198A-45CMB	620
5962-8685907XA	C	02/17/2015	1	PYRAMID		Y	P4C198A-45LMB	620
5962-8685908LA	C	02/17/2015	1	PYRAMID		Y	P4C198AL-45CMB	620
5962-8685908XA	C	02/17/2015	1	PYRAMID		Y	P4C198AL-45LMB	620
5962-8685909LA	C	02/17/2015	1	PYRAMID		Y	P4C198A-35CMB	620
5962-8685909XA	C	02/17/2015	1	PYRAMID		Y	P4C198A-35LMB	620
5962-8685910LA	C	02/17/2015	1	PYRAMID		Y	P4C198AL-35CMB	620
5962-8685910XA	C	02/17/2015	1	PYRAMID		Y	P4C198AL-35LMB	620
5962-8685911KA	C	02/17/2015	1	PYRAMID		Y	P4C198L-70FSMB	620
5962-8685911LA	C	02/17/2015	1	PYRAMID		Y	P4C198L-70CMB	620
5962-8685911UA	C	02/17/2015	1	PYRAMID		Y	P4C198L-70LMB	620
5962-8685911XA	C	02/17/2015	1	PYRAMID		Y	P4C198L-70LMB	620
5962-8685912KA	C	02/17/2015	1	PYRAMID		Y	P4C198-70FSMB	620
5962-8685912LA	C	02/17/2015	1	PYRAMID		Y	P4C198-70CMB	620
5962-8685912UA	C	02/17/2015	1	PYRAMID		Y	P4C198-70LMB	620
5962-8685912XA	C	02/17/2015	1	PYRAMID		Y	P4C198-70LMB	620
5962-8685913KA	C	02/17/2015	1	PYRAMID		Y	P4C198L-55FSMB	620
5962-8685913LA	C	02/17/2015	1	PYRAMID		Y	P4C198L-55CMB	620
5962-8685913UA	C	02/17/2015	1	PYRAMID		Y	P4C198L-55LMB	620
5962-8685913XA	C	02/17/2015	1	PYRAMID		Y	P4C198L-55LMB	620
5962-8685914KA	C	02/17/2015	1	PYRAMID		Y	P4C198-55FSMB	620
5962-8685914LA	C	02/17/2015	1	PYRAMID		Y	P4C198-55CMB	620
5962-8685914UA	C	02/17/2015	1	PYRAMID		Y	P4C198-55LMB	620
5962-8685914XA	C	02/17/2015	1	PYRAMID		Y	P4C198-55LMB	620
5962-8685915KA	C	02/17/2015	1	PYRAMID		Y	P4C198L-45FSMB	620
5962-8685915LA	C	02/17/2015	1	PYRAMID		Y	P4C198L-45CMB	620
5962-8685915UA	C	02/17/2015	1	PYRAMID		Y	P4C198L-45LMB	620
5962-8685915XA	C	02/17/2015	1	PYRAMID		Y	P4C198L-45LMB	620
5962-8685916KA	C	02/17/2015	1	PYRAMID		Y	P4C198-45FSMB	620
5962-8685916LA	C	02/17/2015	1	PYRAMID		Y	P4C198-45CMB	620
5962-8685916UA	C	02/17/2015	1	PYRAMID		Y	P4C198-45LMB	620

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

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5962-8685916XA	C	02/17/2015	1	PYRAMID		Y P4C198-45LMB		620
5962-8685917KA	C	02/17/2015	1	PYRAMID		Y P4C198L35-FSMB		620
5962-8685917LA	C	02/17/2015	1	PYRAMID		Y P4C198L-35CMB		620
5962-8685917UA	C	02/17/2015	1	PYRAMID		Y P4C198L-35LMB		620
5962-8685917XA	C	02/17/2015	1	PYRAMID		Y P4C198L-35LMB		620
5962-8685918KA	C	02/17/2015	1	PYRAMID		Y P4C19835-FSMB		620
5962-8685918LA	C	02/17/2015	1	PYRAMID		Y P4C198-35CMB		620
5962-8685918UA	C	02/17/2015	1	PYRAMID		Y P4C198-35LMB		620
5962-8685918XA	C	02/17/2015	1	PYRAMID		Y P4C198-35LMB		620
5962-8685919KA	C	02/17/2015	1	PYRAMID		Y P4C188L-55FSMB		620
5962-8685919TA	C	02/17/2015	1	PYRAMID		Y P4C188L-55CMB		620
5962-8685919WA	C	02/17/2015	1	PYRAMID		Y P4C188L-55C4MB		620
5962-8685919YA	C	02/17/2015	1	PYRAMID		Y P4C188L-55DMB		620
5962-8685919ZA	C	02/17/2015	1	PYRAMID		Y P4C188L-55LMB		620
5962-8685920KA	C	02/17/2015	1	PYRAMID		Y P4C188-55FSMB		620
5962-8685920TA	C	02/17/2015	1	PYRAMID		Y P4C188-55CMB		620
5962-8685920WA	C	02/17/2015	1	PYRAMID		Y P4C188-55C4MB		620
5962-8685920YA	C	02/17/2015	1	PYRAMID		Y P4C188-55DMB		620
5962-8685920ZA	C	02/17/2015	1	PYRAMID		Y P4C188-55LMB		620
5962-8685921KA	C	02/17/2015	1	PYRAMID		Y P4C188L-45FSMB		620
5962-8685921TA	C	02/17/2015	1	PYRAMID		Y P4C188L-45CMB		620
5962-8685921WA	C	02/17/2015	1	PYRAMID		Y P4C188L-45C4MB		620
5962-8685921YA	C	02/17/2015	1	PYRAMID		Y P4C188L-45DMB		620
5962-8685921ZA	C	02/17/2015	1	PYRAMID		Y P4C188L-45LMB		620
5962-8685922KA	C	02/17/2015	1	PYRAMID		Y P4C188-45FSMB		620
5962-8685922TA	C	02/17/2015	1	PYRAMID		Y P4C188-45CMB		620
5962-8685922WA	C	02/17/2015	1	PYRAMID		Y P4C188-45C4MB		620
5962-8685922YA	C	02/17/2015	1	PYRAMID		Y P4C188-45DMB		620
5962-8685922ZA	C	02/17/2015	1	PYRAMID		Y P4C188-45LMB		620
5962-8685923KA	C	02/17/2015	1	PYRAMID		Y P4C188L-35FSMB		620
5962-8685923TA	C	02/17/2015	1	PYRAMID		Y P4C188L-35CMB		620
5962-8685923WA	C	02/17/2015	1	PYRAMID		P4C188L-35C4MB		620
5962-8685923YA	C	02/17/2015	1	PYRAMID		P4C188L-35DMB		620
5962-8685923ZA	C	02/17/2015	1	PYRAMID		Y P4C188L-35LMB		620
5962-8685924KA	C	02/17/2015	1	PYRAMID		P4C188-35FSMB		620
5962-8685924TA	C	02/17/2015	1	PYRAMID		Y P4C188-35CMB		620
5962-8685924WA	C	02/17/2015	1	PYRAMID		P4C188-35C4MB		620
5962-8685924YA	C	02/17/2015	1	PYRAMID		P4C188-35DMB		620
5962-8685924ZA	C	02/17/2015	1	PYRAMID		Y P4C188-35LMB		620
5962-86860012A	D	11/03/2016	1	RENESAS		Y HA4-4902/883		776
5962-8686001EA	D	11/03/2016	1	RENESAS		Y HA1-4902/883		776
5962-8686101PA	G	11/10/2014	3	MICROSEMI (1)		Y SG1503Y/883B		785
5962-8686101XA	G	11/10/2014	3	ANALOG (2)		Y AD580SH/883B		785
5962-8686101YA	G	11/10/2014	3	MICROSEMI (1)		Y SG1503T/883B		785
5962-8686102PA	G	11/10/2014		(NONE)		580T (GEN)		785
5962-8686102XA	G	11/10/2014	3	ANALOG (2)		Y AD580TH/883B		785
5962-8686103PA	G	11/10/2014		(NONE)		580U (GEN)		785
5962-8686103XA	G	11/10/2014	3	ANALOG (2)		Y AD580UH/883B		785
5962-86862012A	B	11/28/1989		(NONE)	04/27/1998	54FCT299 (GEN)		228

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

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5962-8686201RA	B	11/28/1989		(NONE)	04/27/1998		54FCT299 (GEN)	228
5962-8686201SA	B	11/28/1989		(NONE)	04/27/1998		54FCT299 (GEN)	228
5962-86862022A	B	11/28/1989		(NONE)	04/27/1998		54FCT299A (GEN)	228
5962-8686202RA	B	11/28/1989		(NONE)	04/27/1998		54FCT299A (GEN)	228
5962-8686202SA	B	11/28/1989		(NONE)	04/27/1998		54FCT299A (GEN)	228
5962-8686301XA		01/26/1987		(NONE)	06/30/1994		29116 (GEN)	403
5962-8686401LA	B	11/06/2017		(NONE)	10/31/1996		600 (GEN)	431
5962-8686401XA	B	11/06/2017		(NONE)	07/30/1993		600 (GEN)	431
5962-86865012A	F	04/02/2018	2	TI		Y	SNJ54ALS10AFK	102
5962-8686501CA	F	04/02/2018	2	TI		Y	SNJ54ALS10AJ	102
5962-8686501DA	F	04/02/2018	2	TI		Y	SNJ54ALS10AW	102
5962-86866012A	E	04/02/2018		TI		Y	SNJ54ALS138AFK	282
5962-8686601FA	E	04/02/2018	2	TI		Y	SNJ54ALS138AW	282
5962-86867012A	F	11/19/2015	2	TI		Y	SNJ54HCT373FK	341
5962-8686701RA	F	11/19/2015	2	TI		Y	SNJ54HCT373J	341
5962-8686701VRA	F	11/19/2015		(NONE)	11/28/2015		54HCT373 (GEN)	341
5962-8686701SA	F	11/19/2015		(NONE)			54HCT373 (GEN)	341
5962-8686701VSA	F	11/19/2015	2	TI		Y	SNV54HCT373W	341
5962-86868013A	D	07/07/2017	1	LANSDALE		Y	IL8286/B3A	590
5962-86868013C	D	07/07/2017	1	LANSDALE		Y	IL8286/B3C	590
5962-8686801RA	D	07/07/2017	1	LANSDALE		Y	IL8286/BRA	590
5962-86868023A	D	07/07/2017	1	LANSDALE		Y	IL8287/B3A	590
5962-8686802RA	D	07/07/2017	1	LANSDALE		Y	IL8287/BRX	590
5962-86869012A	E	06/01/2018	2	TI		Y	SNJ54ALS157AFK	275
5962-8686901EA	E	06/01/2018	2	TI		Y	SNJ54ALS157AJ	275
5962-8686901FA	E	06/01/2018		(NONE)	11/28/2015		54ALS157A (GEN)	275
5962-86870012A	B	04/09/2016		(NONE)			54ALS164 (GEN)	226
5962-8687001DA	B	04/09/2016		(NONE)			54ALS164 (GEN)	226
5962-86871012A	F	09/07/2018	1	TI		Y	SNJ54ALS38BFBK	510
5962-8687101BA	F	09/07/2018		(NONE)			54ALS38B (GEN)	510
5962-8687101CA	F	09/07/2018	1	TI		Y	SNJ54ALS38BJ	510
5962-8687101DA	F	09/07/2018	1	TI		Y	SNJ54ALS38BW	510
5962-86872012A	D	07/12/2018	2	E2V		Y	54F38LMQB	510
5962-86872012A	D	07/12/2018	1	ROCHESTER		Y	54F38/B2A	510
5962-8687201CA	D	07/12/2018	2	E2V		Y	54F38DMQB	510
5962-8687201CA	D	07/12/2018	1	ROCHESTER		Y	54F38/BCA	510
5962-8687201DA	D	07/12/2018	2	E2V		Y	54F38FMQB	510
5962-8687201DA	D	07/12/2018	1	ROCHESTER		Y	54F38/BDA	510
5962-8687301UA	B	09/17/1993		(NONE)	08/21/1995		7216L40 (GEN)	208
5962-8687301VA	B	09/17/1993		(NONE)	04/01/2000		7216L40 (GEN)	208
5962-8687301VC	B	09/17/1993		(NONE)	04/01/2000		7216L40 (GEN)	208
5962-8687301XA	B	09/17/1993		(NONE)	04/01/2000		7216L40 (GEN)	208
5962-8687301XC	B	09/17/1993		(NONE)	04/01/2000		7216L40 (GEN)	208
5962-8687301YA	B	09/17/1993		(NONE)	04/01/2000		7216L40 (GEN)	208
5962-8687301YC	B	09/17/1993		(NONE)	04/01/2000		7216L40 (GEN)	208
5962-8687301ZA	B	09/17/1993		(NONE)	08/05/1996		7216L40 (GEN)	208
5962-8687302UA	B	09/17/1993		(NONE)	08/21/1995		7216L55 (GEN)	208
5962-8687302VA	B	09/17/1993		(NONE)	04/01/2000		7216L55 (GEN)	208
5962-8687302VC	B	09/17/1993		(NONE)	04/01/2000		7216L55 (GEN)	208

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8687302XA	B	09/17/1993		(NONE)	04/01/2000		7216L55 (GEN)	208
5962-8687302XC	B	09/17/1993		(NONE)	04/01/2000		7216L55 (GEN)	208
5962-8687302YA	B	09/17/1993		(NONE)	04/01/2000		7216L55 (GEN)	208
5962-8687302YC	B	09/17/1993		(NONE)	04/01/2000		7216L55 (GEN)	208
5962-8687302ZA	B	09/17/1993		(NONE)	08/05/1996		7216L55 (GEN)	208
5962-8687303UA	B	09/17/1993		(NONE)	08/21/1995		7216L75 (GEN)	208
5962-8687303VA	B	09/17/1993		(NONE)	04/01/2000		7216L75 (GEN)	208
5962-8687303VC	B	09/17/1993		(NONE)	04/01/2000		7216L75 (GEN)	208
5962-8687303XA	B	09/17/1993		(NONE)	04/01/2000		7216L75 (GEN)	208
5962-8687303XC	B	09/17/1993		(NONE)	04/01/2000		7216L75 (GEN)	208
5962-8687303YA	B	09/17/1993		(NONE)	04/01/2000		7216L75 (GEN)	208
5962-8687303YC	B	09/17/1993		(NONE)	04/01/2000		7216L75 (GEN)	208
5962-8687303ZA	B	09/17/1993		(NONE)			7216L75 (GEN)	208
5962-8687304UA	B	09/17/1993		(NONE)	08/21/1995		7216L30 (GEN)	208
5962-8687304VA	B	09/17/1993		(NONE)	04/01/2000		7216L30 (GEN)	208
5962-8687304VC	B	09/17/1993		(NONE)	04/01/2000		7216L30 (GEN)	208
5962-8687304XA	B	09/17/1993		(NONE)	04/01/2000		7216L30 (GEN)	208
5962-8687304XC	B	09/17/1993		(NONE)	04/01/2000		7216L30 (GEN)	208
5962-8687304YA	B	09/17/1993		(NONE)	04/01/2000		7216L30 (GEN)	208
5962-8687304YC	B	09/17/1993		(NONE)	04/01/2000		7216L30 (GEN)	208
5962-8687304ZA	B	09/17/1993		(NONE)	08/05/1996		7216L30 (GEN)	208
5962-8687305UA	B	09/17/1993		(NONE)	08/21/1995		7216L25 (GEN)	208
5962-8687305VA	B	09/17/1993		(NONE)	04/01/2000		7216L25 (GEN)	208
5962-8687305VC	B	09/17/1993		(NONE)	04/01/2000		7216L25 (GEN)	208
5962-8687305XA	B	09/17/1993		(NONE)	04/01/2000		7216L25 (GEN)	208
5962-8687305XC	B	09/17/1993		(NONE)	04/01/2000		7216L25 (GEN)	208
5962-8687305YA	B	09/17/1993		(NONE)	04/01/2000		7216L25 (GEN)	208
5962-8687305YC	B	09/17/1993		(NONE)	04/01/2000		7216L25 (GEN)	208
5962-8687305ZA	B	09/17/1993		(NONE)	08/05/1996		7216L25 (GEN)	208
5962-8687306UA	B	09/17/1993		(NONE)	08/21/1995		7216L20 (GEN)	208
5962-8687306ZA	B	09/17/1993		(NONE)	08/05/1996		7216L20 (GEN)	208
5962-86874012A	D	03/24/2014		(NONE)	11/28/2015		54F241 (GEN)	529
5962-8687401RA	D	03/24/2014	2	TI		Y	SNJ54F241J	529
5962-8687401SA	D	03/24/2014		(NONE)	11/28/2015		54F241 (GEN)	529
5962-8687501UA	E	02/18/2015	2	E2V		Y	CY7C130-90FMB	614
5962-8687501UA	E	02/18/2015	1	IDT		Y	IDT7130SA90FB	614
5962-8687501XA	E	02/18/2015	2	E2V		Y	CY7C130-90DMB	614
5962-8687501XA	E	02/18/2015	1	IDT		Y	IDT7130SA90CB	614
5962-8687501YA	E	02/18/2015	2	E2V		Y	CY7C130-90LMB	614
5962-8687501YA	E	02/18/2015	1	IDT		Y	IDT7130SA90L48B	614
5962-8687501ZA	E	02/18/2015	2	E2V		Y	CY7C131-90LMB	614
5962-8687502UA	E	02/18/2015	2	E2V		Y	CY7C130-70FMB	614
5962-8687502UA	E	02/18/2015	1	IDT		Y	IDT7130SA70FB	614
5962-8687502XA	E	02/18/2015	2	E2V		Y	CY7C130-70DMB	614
5962-8687502XA	E	02/18/2015	1	IDT		Y	IDT7130SA70CB	614
5962-8687502YA	E	02/18/2015	2	E2V		Y	CY7C130-70LMB	614
5962-8687502YA	E	02/18/2015	1	IDT		Y	IDT7130SA70L48B	614
5962-8687502ZA	E	02/18/2015	2	E2V		Y	CY7C131-70LMB	614
5962-8687503UA	E	02/18/2015	2	E2V		Y	CY7C130-55FMB	614



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5962-8687503UA	E	02/18/2015	1	IDT		Y	IDT7130SA55FB	614
5962-8687503XA	E	02/18/2015	2	E2V		Y	CY7C130-55DMB	614
5962-8687503XA	E	02/18/2015	1	IDT		Y	IDT7130SA55CB	614
5962-8687503YA	E	02/18/2015	2	E2V		Y	CY7C130-55LMB	614
5962-8687503YA	E	02/18/2015	1	IDT		Y	IDT7130SA55L48B	614
5962-8687503ZA	E	02/18/2015	2	E2V		Y	CY7C131-55LMB	614
5962-8687504UA	E	02/18/2015	2	E2V		Y	CY7C130-45FMB	614
5962-8687504UA	E	02/18/2015	1	IDT		Y	IDT7130SA45FB	614
5962-8687504XA	E	02/18/2015	2	E2V		Y	CY7C130-45DMB	614
5962-8687504XA	E	02/18/2015	1	IDT		Y	IDT7130SA45CB	614
5962-8687504YA	E	02/18/2015	2	E2V		Y	CY7C130-45LMB	614
5962-8687504YA	E	02/18/2015	1	IDT		Y	IDT7130SA45L48B	614
5962-8687504ZA	E	02/18/2015	2	E2V		Y	CY7C131-45LMB	614
5962-8687505UA	E	02/18/2015	1	IDT		Y	IDT7130LA90FB	614
5962-8687505XA	E	02/18/2015	1	IDT		Y	IDT7130LA90CB	614
5962-8687505YA	E	02/18/2015	1	IDT		Y	IDT7130LA90L48B	614
5962-8687505ZA	E	02/18/2015		(NONE)			7130-90 (GEN)	614
5962-8687506UA	E	02/18/2015	1	IDT		Y	IDT7130LA70FB	614
5962-8687506XA	E	02/18/2015	1	IDT		Y	IDT7130LA70CB	614
5962-8687506YA	E	02/18/2015	1	IDT		Y	IDT7130LA70L48B	614
5962-8687506ZA	E	02/18/2015		(NONE)			7130-70 (GEN)	614
5962-8687507UA	E	02/18/2015	1	IDT		Y	IDT7130LA55FB	614
5962-8687507XA	E	02/18/2015	1	IDT		Y	IDT7130LA55CB	614
5962-8687507YA	E	02/18/2015	1	IDT		Y	IDT7130LA55L48B	614
5962-8687507ZA	E	02/18/2015		(NONE)			7130-55 (GEN)	614
5962-8687508UA	E	02/18/2015	1	IDT		Y	IDT7130LA45FB	614
5962-8687508XA	E	02/18/2015	1	IDT		Y	IDT7130LA45CB	614
5962-8687508YA	E	02/18/2015	1	IDT		Y	IDT7130LA45L48B	614
5962-8687508ZA	E	02/18/2015		(NONE)			7130-45 (GEN)	614
5962-8687509UA	E	02/18/2015	1	IDT		Y	IDT7140SA90FB	614
5962-8687509XA	E	02/18/2015	1	IDT		Y	IDT7140SA90CB	614
5962-8687509YA	E	02/18/2015	1	IDT		Y	IDT7140SA90L48B	614
5962-8687509ZA	E	02/18/2015		(NONE)			7140-90 (GEN)	614
5962-8687510UA	E	02/18/2015	1	IDT		Y	IDT7140SA70FB	614
5962-8687510XA	E	02/18/2015	1	IDT		Y	IDT7140SA70CB	614
5962-8687510YA	E	02/18/2015	1	IDT		Y	IDT7140SA70L48B	614
5962-8687510ZA	E	02/18/2015		(NONE)			7140-70 (GEN)	614
5962-8687511UA	E	02/18/2015	1	IDT		Y	IDT7140SA55FB	614
5962-8687511XA	E	02/18/2015	1	IDT		Y	IDT7140SA55CB	614
5962-8687511YA	E	02/18/2015	1	IDT		Y	IDT7140SA55L48B	614
5962-8687511ZA	E	02/18/2015		(NONE)	05/31/1998		7C141-55 (GEN)	614
5962-8687512UA	E	02/18/2015	1	IDT		Y	IDT7140SA45FB	614
5962-8687512XA	E	02/18/2015	1	IDT		Y	IDT7140SA45CB	614
5962-8687512YA	E	02/18/2015	1	IDT		Y	IDT7140SA45L48B	614
5962-8687512ZA	E	02/18/2015		(NONE)			7C141-45 (GEN)	614
5962-8687513UA	E	02/18/2015	1	IDT		Y	IDT7140LA90FB	614
5962-8687513XA	E	02/18/2015	1	IDT		Y	IDT7140LA90CB	614
5962-8687513YA	E	02/18/2015	1	IDT		Y	IDT7140LA90L48B	614
5962-8687513ZA	E	02/18/2015		(NONE)			7140-90 (GEN)	614

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5962-8687514UA	E	02/18/2015	1	IDT		Y	IDT7140LA70FB	614
5962-8687514XA	E	02/18/2015	1	IDT		Y	IDT7140LA70CB	614
5962-8687514YA	E	02/18/2015	1	IDT		Y	IDT7140LA70L48B	614
5962-8687514ZA	E	02/18/2015		(NONE)			7140-70 (GEN)	614
5962-8687515UA	E	02/18/2015	1	IDT		Y	IDT7140LA55FB	614
5962-8687515XA	E	02/18/2015	1	IDT		Y	IDT7140LA55CB	614
5962-8687515YA	E	02/18/2015	1	IDT		Y	IDT7140LA55L48B	614
5962-8687515ZA	E	02/18/2015		(NONE)			7140-55 (GEN)	614
5962-8687516UA	E	02/18/2015	1	IDT		Y	IDT7140LA45FB	614
5962-8687516XA	E	02/18/2015	1	IDT		Y	IDT7140LA45CB	614
5962-8687516YA	E	02/18/2015	1	IDT		Y	IDT7140LA45L48B	614
5962-8687516ZA	E	02/18/2015		(NONE)			7140-45 (GEN)	614
5962-8687517UA	E	02/18/2015		(NONE)			7130-35 (GEN)	614
5962-8687517XA	E	02/18/2015		(NONE)			7130-35 (GEN)	614
5962-8687517YA	E	02/18/2015		(NONE)			7130-35 (GEN)	614
5962-8687517ZA	E	02/18/2015		(NONE)			7131-35 (GEN)	614
5962-8687518UA	E	02/18/2015		(NONE)			7140-35 (GEN)	614
5962-8687518XA	E	02/18/2015		(NONE)			7140-35 (GEN)	614
5962-8687518YA	E	02/18/2015		(NONE)			7140-35 (GEN)	614
5962-8687518ZA	E	02/18/2015		(NONE)			7141-35 (GEN)	614
5962-8687519UA	E	02/18/2015	2	E2V		Y	CY7C130-35FMB	614
5962-8687519XA	E	02/18/2015	2	E2V		Y	CY7C130-35DMB	614
5962-8687519YA	E	02/18/2015	2	E2V		Y	CY7C130-35LMB	614
5962-8687519ZA	E	02/18/2015	2	E2V		Y	CY7C131-35LMB	614
5962-8687520UA	E	02/18/2015		(NONE)			7140-35 (GEN)	614
5962-8687520XA	E	02/18/2015		(NONE)			7C140-35 (GEN)	614
5962-8687520YA	E	02/18/2015		(NONE)			7140-35 (GEN)	614
5962-8687520ZA	E	02/18/2015		(NONE)	05/31/1998		7141-35 (GEN)	614
5962-8687521UA	E	02/18/2015	1	IDT		Y	IDT7130LA35FB	614
5962-8687521XA	E	02/18/2015	1	IDT		Y	IDT7130LA35CB	614
5962-8687521YA	E	02/18/2015	1	IDT		Y	IDT7130LA35L48B	614
5962-8687521ZA	E	02/18/2015		(NONE)			7130-35 (GEN)	614
5962-8687522UA	E	02/18/2015	2	IDT		Y	IDT7140LA35FB	614
5962-8687522XA	E	02/18/2015	2	IDT		Y	IDT7140LA35CB	614
5962-8687522YA	E	02/18/2015	2	IDT		Y	IDT7140LA35L48B	614
5962-8687522ZA	E	02/18/2015		(NONE)			7140-35 (GEN)	614
5962-86876012A	B	04/12/2007		(NONE)			54LS668 (GEN)	301
5962-8687601EA	B	04/12/2007		(NONE)			54LS668 (GEN)	301
5962-8687601FA	B	04/12/2007		(NONE)			54LS668 (GEN)	301
5962-86877012A	F	02/24/2014	1	MICROSS		Y	MTLM111QLS	770
5962-8687701Q2A	F	02/24/2014		(NONE)	12/03/2008		LM111 (GEN)	770
5962-8687701GA	F	02/24/2014	1	MICROSS		Y	MTLM111QH	770
5962-8687701QGA	F	02/24/2014		(NONE)	12/03/2008		LM111 (GEN)	770
5962-8687701PA	F	02/24/2014	1	MICROSS		Y	MTLM111QD8	770
5962-8687701QPA	F	02/24/2014		(NONE)	12/03/2008		LM111 (GEN)	770
5962-8687701QZA	F	02/24/2014		(NONE)	12/03/2008		LM111 (GEN)	770
5962-86877022A	F	02/24/2014	1	MICROSS		Y	MTLT111AQLS	770
5962-8687702GA	F	02/24/2014	1	MICROSS		Y	MTLT111AQH	770
5962-8687702PA	F	02/24/2014	1	MICROSS		Y	MTLT111AQD8	770

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5962-8687801CA	B	04/03/2012		(NONE)		TL514 (GEN)		774
5962-86879013A	E	10/09/2014		(NONE)		HI-8382 (GEN)		569
5962-8687901EA	E	10/09/2014	2	HOLT		HI-8382CM-03		569
5962-8687901EA	E	10/09/2014	1	RENESAS		Y HS1-3182/883		569
5962-8688001QA	D	10/22/2015	1	RENESAS		Y HS1-3282/883		421
5962-8688001XA	D	10/22/2015		(NONE)	10/03/2004	HS-3282 (GEN)		421
5962-8688002QA	D	10/22/2015	2	HOLT		HI-8282CM-03		421
5962-8688002XA	D	10/22/2015		(NONE)		HI-8282 (GEN)		421
5962-86881012A	D	07/27/2018	1	SRI		Y GEM10801Q2A		205
5962-86881012C	D	07/27/2018	1	SRI		Y GEM10801Q2C		205
5962-8688101RA	D	07/27/2018	1	SRI		Y GEM10801QRA		205
5962-8688101RC	D	07/27/2018	1	SRI		Y GEM10801QRC		205
5962-8688101SA	D	07/27/2018	1	SRI		Y GEM10801QSA		205
5962-8688101SC	D	07/27/2018	1	SRI		Y GEM10801QSC		205
5962-8688201XA	E	02/13/2018	1	LINEAR TECH.		Y LH0070-0H/883		785
5962-8688202XA	E	02/13/2018	1	LINEAR TECH.		Y LH0070-1H/883		785
5962-8688203XA	E	02/13/2018	1	ANALOG (2)		Y AD581UH/883B		785
5962-8688301CA	C	09/23/2015	1	TI		Y CD54HCT08F3A		110
5962-86884012A	D	08/28/2018	1	ROCHESTER		Y 54HC238/B2A		282
5962-8688401EA	D	08/28/2018	1	TI		Y CD54HC238F3A		282
5962-86885013A	F	04/23/2014	1	ROCHESTER		MM54HC646E/883		590
5962-8688501JA	F	04/23/2014	2	TI		Y CD54HC646F3A		590
5962-8688501LA	F	04/23/2014	1	ROCHESTER		MM54HC646J/883		590
5962-86886012A	C	03/20/2014	1	ROCHESTER		54HC4538E/883		166
5962-8688601EA	C	03/20/2014	1	ROCHESTER		54HC4538J/883		166
5962-8688601EA	C	03/20/2014	1	TI		Y CD54HC4538F3A		166
5962-8688701CA	D	03/16/2016	1	MICROSS		Y MTLOP227AQD		710
5962-86888012A	G	07/31/2014		(NONE)	12/31/2001	55189 (GEN)		572
5962-8688801CA	G	07/31/2014		(NONE)	12/31/2001	55189 (GEN)		572
5962-86888022A	G	07/31/2014	1	TI		Y SNJ55189AFK		572
5962-8688802CA	G	07/31/2014	1	TI		Y SNJ55189AJ		572
5962-8688802DA	G	07/31/2014	1	TI		Y SNJ55189AW		572
5962-86889012A	D	09/04/2014	1	TI		Y SNJ55188FK		569
5962-8688901CA	D	09/04/2014	1	TI		Y SNJ55188J		569
5962-8688901DA	D	09/04/2014	1	TI		Y SNJ55188W		569
5962-86890012A	D	07/25/2012	2	SRI		Y GEM06301Q2A		143
5962-86890012A	D	07/25/2012	2	TI		Y SNJ54HCT14FK		143
5962-86890012C	D	07/25/2012	2	SRI		Y GEM06301Q2C		143
5962-8689001CA	D	07/25/2012	2	SRI		Y GEM06301QCA		143
5962-8689001CA	D	07/25/2012	2	TI		Y CD54HCT14F3A		143
5962-8689001CA	D	07/25/2012	2	TI		Y SNJ54HCT14J		143
5962-8689001CC	D	07/25/2012	2	SRI		Y GEM06301QCC		143
5962-8689001DA	D	07/25/2012	2	SRI		Y GEM06301QDA		143
5962-8689001DA	D	07/25/2012	2	TI		Y SNJ54HCT14W		143
5962-8689001DC	D	07/25/2012	2	SRI		Y GEM06301QDC		143
5962-86891012A	D	04/25/2014	2	TI		Y SNJ54HC191FK		304
5962-8689101EA	D	04/25/2014	2	TI		Y CD54HC191F3A		304
5962-8689101EA	D	04/25/2014	2	TI		Y SNJ54HC191J		304
5962-8689101VXA	D	04/25/2014		(NONE)		54HC191 (GEN)		304

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5962-8689101XA	D	04/25/2014		(NONE)			54HC191 (GEN)	304
5962-87001012A	C	07/25/2005		(NONE)			10H536 (GEN)	319
5962-8700101EA	C	07/25/2005		(NONE)			10H536 (GEN)	319
5962-8700101FA	C	07/25/2005		(NONE)			10H536 (GEN)	319
5962-8700201TA	F	04/03/2015	2	IDT		Y	IDT7132SA45FB	616
5962-8700201UA	F	04/03/2015	1	IDT		Y	IDT7132SA45L48B	616
5962-8700201XA	F	04/03/2015		(NONE)			7132SA-45 (GEN)	616
5962-8700201YA	F	04/03/2015		(NONE)			7132SA-45 (GEN)	616
5962-8700201ZA	F	04/03/2015	1	IDT		Y	IDT7132SA45CB	616
5962-8700202TA	F	04/03/2015	2	IDT		Y	IDT7132SA90FB	616
5962-8700202UA	F	04/03/2015	1	IDT		Y	IDT7132SA90L48B	616
5962-8700202XA	F	04/03/2015		(NONE)			7132SA-90 (GEN)	616
5962-8700202YA	F	04/03/2015		(NONE)			7132SA-90 (GEN)	616
5962-8700202ZA	F	04/03/2015	1	IDT		Y	IDT7132SA90CB	616
5962-8700203TA	F	04/03/2015	2	IDT		Y	IDT7132SA70FB	616
5962-8700203UA	F	04/03/2015	1	IDT		Y	IDT7132SA70L48B	616
5962-8700203XA	F	04/03/2015		(NONE)			7132SA-70 (GEN)	616
5962-8700203YA	F	04/03/2015		(NONE)			7132SA-70 (GEN)	616
5962-8700203ZA	F	04/03/2015	1	IDT		Y	IDT7132SA70CB	616
5962-8700204TA	F	04/03/2015	2	IDT		Y	IDT7132SA55FB	616
5962-8700204UA	F	04/03/2015	1	IDT		Y	IDT7132SA55L48B	616
5962-8700204XA	F	04/03/2015		(NONE)			7132SA-55 (GEN)	616
5962-8700204YA	F	04/03/2015		(NONE)			7132SA-55 (GEN)	616
5962-8700204ZA	F	04/03/2015	1	IDT		Y	IDT7132SA55CB	616
5962-8700205TA	F	04/03/2015	2	IDT		Y	IDT7132LA45FB	616
5962-8700205UA	F	04/03/2015	1	IDT		Y	IDT7132LA45L48B	616
5962-8700205XA	F	04/03/2015		(NONE)			7132LA-45 (GEN)	616
5962-8700205YA	F	04/03/2015		(NONE)			7132LA-45 (GEN)	616
5962-8700205ZA	F	04/03/2015	1	IDT		Y	IDT7132LA45CB	616
5962-8700206TA	F	04/03/2015	2	IDT		Y	IDT7132LA90FB	616
5962-8700206UA	F	04/03/2015	1	IDT		Y	IDT7132LA90L48B	616
5962-8700206XA	F	04/03/2015		(NONE)			7132LA-90 (GEN)	616
5962-8700206YA	F	04/03/2015		(NONE)			7132LA-90 (GEN)	616
5962-8700206ZA	F	04/03/2015	1	IDT		Y	IDT7132LA90CB	616
5962-8700207TA	F	04/03/2015	2	IDT		Y	IDT7132LA70FB	616
5962-8700207UA	F	04/03/2015	1	IDT		Y	IDT7132LA70L48B	616
5962-8700207XA	F	04/03/2015		(NONE)			7132LA-70 (GEN)	616
5962-8700207YA	F	04/03/2015		(NONE)			7132LA-70 (GEN)	616
5962-8700207ZA	F	04/03/2015	1	IDT		Y	IDT7132LA70CB	616
5962-8700208TA	F	04/03/2015	2	IDT		Y	IDT7132LA55FB	616
5962-8700208UA	F	04/03/2015	1	IDT		Y	IDT7132LA55L48B	616
5962-8700208XA	F	04/03/2015		(NONE)			7132LA-55 (GEN)	616
5962-8700208YA	F	04/03/2015		(NONE)			7132LA-55 (GEN)	616
5962-8700208ZA	F	04/03/2015	1	IDT		Y	IDT7132LA55CB	616
5962-8700209TA	F	04/03/2015	2	IDT		Y	IDT7142SA45FB	616
5962-8700209UA	F	04/03/2015	1	IDT		Y	IDT7142SA45L48B	616
5962-8700209XA	F	04/03/2015		(NONE)			7142SA-45 (GEN)	616
5962-8700209YA	F	04/03/2015		(NONE)			7142SA-45 (GEN)	616
5962-8700209ZA	F	04/03/2015	1	IDT		Y	IDT7142SA45CB	616

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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8700210TA	F	04/03/2015	2	IDT		Y	IDT7142SA90FB	616
5962-8700210UA	F	04/03/2015	1	IDT		Y	IDT7142SA90L48B	616
5962-8700210XA	F	04/03/2015		(NONE)			7142SA-90 (GEN)	616
5962-8700210YA	F	04/03/2015		(NONE)			7142SA-90 (GEN)	616
5962-8700210ZA	F	04/03/2015	1	IDT		Y	IDT7142SA90CB	616
5962-8700211TA	F	04/03/2015	2	IDT		Y	IDT7142SA70FB	616
5962-8700211UA	F	04/03/2015	1	IDT		Y	IDT7142SA70L48B	616
5962-8700211XA	F	04/03/2015		(NONE)			7142SA-70 (GEN)	616
5962-8700211YA	F	04/03/2015		(NONE)			7142SA-70 (GEN)	616
5962-8700211ZA	F	04/03/2015	1	IDT		Y	IDT7142SA70CB	616
5962-8700212TA	F	04/03/2015	2	IDT		Y	IDT7142SA55FB	616
5962-8700212UA	F	04/03/2015	1	IDT		Y	IDT7142SA55L48B	616
5962-8700212XA	F	04/03/2015		(NONE)			7142SA-55 (GEN)	616
5962-8700212YA	F	04/03/2015		(NONE)			7142SA-55 (GEN)	616
5962-8700212ZA	F	04/03/2015	1	IDT		Y	IDT7142SA55CB	616
5962-8700213TA	F	04/03/2015	2	IDT		Y	IDT7142LA45FB	616
5962-8700213UA	F	04/03/2015	1	IDT		Y	IDT7142LA45L48B	616
5962-8700213XA	F	04/03/2015		(NONE)			7142LA-45 (GEN)	616
5962-8700213YA	F	04/03/2015		(NONE)			7142LA-45 (GEN)	616
5962-8700213ZA	F	04/03/2015	1	IDT		Y	IDT7142LA45CB	616
5962-8700214TA	F	04/03/2015	2	IDT		Y	IDT7142LA90FB	616
5962-8700214UA	F	04/03/2015	1	IDT		Y	IDT7142LA90L48B	616
5962-8700214XA	F	04/03/2015		(NONE)			7142LA-90 (GEN)	616
5962-8700214YA	F	04/03/2015		(NONE)			7142LA-90 (GEN)	616
5962-8700214ZA	F	04/03/2015	1	IDT		Y	IDT7142LA90CB	616
5962-8700215TA	F	04/03/2015	2	IDT		Y	IDT7142LA70FB	616
5962-8700215UA	F	04/03/2015	1	IDT		Y	IDT7142LA70L48B	616
5962-8700215XA	F	04/03/2015		(NONE)			7142LA-70 (GEN)	616
5962-8700215YA	F	04/03/2015		(NONE)			7142LA-70 (GEN)	616
5962-8700215ZA	F	04/03/2015	1	IDT		Y	IDT7142LA70CB	616
5962-8700216TA	F	04/03/2015	2	IDT		Y	IDT7142LA55FB	616
5962-8700216UA	F	04/03/2015	1	IDT		Y	IDT7142LA55L48B	616
5962-8700216XA	F	04/03/2015		(NONE)			7142LA-55 (GEN)	616
5962-8700216YA	F	04/03/2015		(NONE)			7142LA-55 (GEN)	616
5962-8700216ZA	F	04/03/2015	1	IDT		Y	IDT7142LA55CB	616
5962-8700217TA	F	04/03/2015	2	IDT		Y	IDT7132SA35FB	616
5962-8700217UA	F	04/03/2015	2	IDT		Y	IDT7132SA35L48B	616
5962-8700217ZA	F	04/03/2015	2	IDT		Y	IDT7132SA35CB	616
5962-8700218TA	F	04/03/2015	2	IDT		Y	IDT7132LA35FB	616
5962-8700218UA	F	04/03/2015	2	IDT		Y	IDT7132LA35L48B	616
5962-8700218ZA	F	04/03/2015	2	IDT		Y	IDT7132LA35CB	616
5962-8700219TA	F	04/03/2015	2	IDT		Y	IDT7132SA25FB	616
5962-8700219UA	F	04/03/2015	2	IDT		Y	IDT7132SA25L48B	616
5962-8700219ZA	F	04/03/2015		(NONE)			7132S25 (GEN)	616
5962-8700220TA	F	04/03/2015	2	IDT		Y	IDT7132LA25FB	616
5962-8700220UA	F	04/03/2015	2	IDT		Y	IDT7132LA25L48B	616
5962-8700220ZA	F	04/03/2015		(NONE)			7132L25 (GEN)	616
5962-8700221TA	F	04/03/2015	2	IDT		Y	IDT7142SA35FB	616
5962-8700221UA	F	04/03/2015	2	IDT		Y	IDT7142SA35L48B	616

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## SECTION 1, MICROCIRCUITS

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8700221ZA	F	04/03/2015	2	IDT		Y	IDT7142SA35CB	616
5962-8700222TA	F	04/03/2015	2	IDT		Y	IDT7142LA35FB	616
5962-8700222UA	F	04/03/2015	2	IDT		Y	IDT7142LA35L48B	616
5962-8700222ZA	F	04/03/2015	2	IDT		Y	IDT7142LA35CB	616
5962-8700223TA	F	04/03/2015	2	IDT		Y	IDT7142SA25FB	616
5962-8700223UA	F	04/03/2015	2	IDT		Y	IDT7142SA25L48B	616
5962-8700223ZA	F	04/03/2015		(NONE)			7142S25 (GEN)	616
5962-8700224TA	F	04/03/2015	2	IDT		Y	IDT7142LA25FB	616
5962-8700224UA	F	04/03/2015	2	IDT		Y	IDT7142LA25L48B	616
5962-8700224ZA	F	04/03/2015		(NONE)			7142L25 (GEN)	616
5962-8700301CA	B	01/25/2010		(NONE)	06/01/1997		567 (GEN)	806
5962-8700301PA	B	01/25/2010		(NONE)	09/01/1997		567 (GEN)	806
5962-87501012A	F	04/17/2015		(NONE)			10H515 (GEN)	575
5962-8750101EA	F	04/17/2015	1	MICROSS		Y	AS10H515C16/883C	575
5962-8750101FA	F	04/17/2015		(NONE)			10H515 (GEN)	575
5962-8750101XA	F	04/17/2015	1	MICROSS		Y	AS10H515F16/883C	575
5962-87502012A	H	10/16/2018	1	MICROSS		Y	AS10H516EC20/883C	574
5962-8750201EA	H	10/16/2018	1	MICROSS		Y	AS10H516C16/883C	574
5962-8750201FA	H	10/16/2018		(NONE)			10H516 (GEN)	574
5962-8750201XA	H	10/16/2018	1	MICROSS		Y	AS10H516F16/883C	574
5962-87503012A	G	10/19/2018	1	MICROSS		Y	AS10H501EC20/883C	149
5962-8750301EA	G	10/19/2018	1	MICROSS		Y	AS10H501C16/883C	149
5962-8750301FA	G	10/19/2018		(NONE)	09/30/1995		10H501 (GEN)	149
5962-8750301XA	G	10/19/2018	1	MICROSS		Y	AS10H501F16/883C	149
5962-87504012A	G	07/26/2016	1	MICROSS		Y	AS10H504EC20/883C	110
5962-8750401EA	G	07/26/2016	1	MICROSS		Y	AS10H504C16/883C	110
5962-8750401FA	G	07/26/2016		(NONE)	09/30/1995		10H504 (GEN)	110
5962-8750401XA	G	07/26/2016	1	MICROSS		Y	AS10H504F16/883C	110
5962-87505012A	C	04/20/2007		(NONE)	09/30/1995		10H535 (GEN)	153
5962-8750501EA	C	04/20/2007		(NONE)	09/30/1995		10H535 (GEN)	153
5962-8750501FA	C	04/20/2007		(NONE)	09/30/1995		10H535 (GEN)	153
5962-87506012A	B	05/02/2007		(NONE)	09/30/1995		10H574 (GEN)	273
5962-8750601EA	B	05/02/2007		(NONE)	09/30/1995		10H574 (GEN)	273
5962-8750601FA	B	05/02/2007		(NONE)	09/30/1995		10H574 (GEN)	273
5962-87507012A	C	05/02/2007		(NONE)	09/30/1995		10H505 (GEN)	149
5962-8750701EA	C	05/02/2007		(NONE)	09/30/1995		10H505 (GEN)	149
5962-8750701FA	C	05/02/2007		(NONE)	09/30/1995		10H505 (GEN)	149
5962-87508012A	G	11/02/2018	1	MICROSS		Y	AS10H525EC20/883C	547
5962-8750801EA	G	11/02/2018	1	MICROSS		Y	AS10H525C16/883C	547
5962-8750801FA	G	11/02/2018		(NONE)			10H525 (GEN)	547
5962-8750801XA	G	11/02/2018	1	MICROSS		Y	AS10H525F16/883C	547
5962-87509012A	C	09/15/2009		(NONE)			10H588 (GEN)	143
5962-8750901EA	C	09/15/2009		(NONE)			10H588 (GEN)	143
5962-8750901FA	C	09/15/2009		(NONE)			10H588 (GEN)	143
5962-87510012A	B	10/08/2009		(NONE)	09/30/1995		10H589 (GEN)	143
5962-8751001EA	B	10/08/2009		(NONE)	09/30/1995		10H589 (GEN)	143
5962-8751001FA	B	10/08/2009		(NONE)	09/30/1995		10H589 (GEN)	143
5962-87511012A	B	05/10/2007		(NONE)	09/30/1995		10H541 (GEN)	222
5962-8751101EA	B	05/10/2007		(NONE)	09/30/1995		10H541 (GEN)	222



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## SECTION 1, MICROCIRCUITS

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5962-8751101FA	B	05/10/2007		(NONE)	09/30/1995		10H541 (GEN)	222
5962-87512012A	F	11/02/2018	1	MICROSS		Y	AS10H576EC20/883C	159
5962-8751201EA	F	11/02/2018	1	MICROSS		Y	AS10H576C16/883C	159
5962-8751201FA	F	11/02/2018		(NONE)	09/30/1995		10H576 (GEN)	159
5962-8751201XA	F	11/02/2018	1	MICROSS		Y	AS10H576F16/883C	159
5962-8751301VA	D	03/12/2015	1	PYRAMID		Y	P4C147-25CMB	612
5962-8751301XA	D	03/12/2015		(NONE)			120325 (GEN)	612
5962-8751302VA	D	03/12/2015	1	PYRAMID		Y	P4C147-35CMB	612
5962-8751302XA	D	03/12/2015		(NONE)			120335 (GEN)	612
5962-8751303VA	D	03/12/2015	1	PYRAMID		Y	P4C147-45CMB	612
5962-8751303XA	D	03/12/2015		(NONE)			120345 (GEN)	612
5962-8751304VA	D	03/12/2015	1	PYRAMID		Y	P4C148-25CMB	612
5962-8751304XA	D	03/12/2015		(NONE)			122325 (GEN)	612
5962-8751305VA	D	03/12/2015	1	PYRAMID		Y	P4C148-35CMB	612
5962-8751305XA	D	03/12/2015		(NONE)			122335 (GEN)	612
5962-8751306VA	D	03/12/2015	1	PYRAMID		Y	P4C148-45CMB	612
5962-8751306XA	D	03/12/2015		(NONE)			122345 (GEN)	612
5962-8751307VA	D	03/12/2015	2	E2V		Y	CY7C148-25DMB	612
5962-8751307XA	D	03/12/2015	1	PYRAMID		Y	P4C148-25CMB	612
5962-8751308VA	D	03/12/2015	2	E2V		Y	CY7C148-35DMB	612
5962-8751308XA	D	03/12/2015	1	PYRAMID		Y	P4C148-35CMB	612
5962-8751309VA	D	03/12/2015	2	E2V		Y	CY7C148-45DMB	612
5962-8751309XA	D	03/12/2015	1	PYRAMID		Y	P4C148-45CMB	612
5962-8751310VA	D	03/12/2015	3	PYRAMID		Y	P4C148-35DMB	612
5962-8751401XA	G	07/20/2017	1	PYRAMID		Y	PYX28C64-35CWMB	660
5962-8751401YA	G	07/20/2017	1	PYRAMID		Y	PYX28C64-35L32MB	660
5962-8751401ZC	G	07/20/2017		(NONE)	12/15/1999		28C64-35 (GEN)	660
5962-8751402XA	G	07/20/2017	1	PYRAMID		Y	PYX28C64-30CWMB	660
5962-8751402YA	G	07/20/2017	1	PYRAMID		Y	PYX28C64-30L32MB	660
5962-8751402ZC	G	07/20/2017		(NONE)	01/07/2000		28C64-30 (GEN)	660
5962-8751403XA	G	07/20/2017	1	PYRAMID		Y	PYX28C64-25CWMB	660
5962-8751403YA	G	07/20/2017	1	PYRAMID		Y	PYX28C64-25L32MB	660
5962-8751403ZC	G	07/20/2017		(NONE)	04/07/2000		28C64-25 (GEN)	660
5962-8751404XA	G	07/20/2017	1	PYRAMID		Y	PYX28C64-20CWMB	660
5962-8751404YA	G	07/20/2017	1	PYRAMID		Y	PYX28C64-20L32MB	660
5962-8751404ZC	G	07/20/2017		(NONE)	01/07/2000		28C64-20 (GEN)	660
5962-8751405XA	G	07/20/2017	1	PYRAMID		Y	PYX28C64-25CWMB	660
5962-8751405YA	G	07/20/2017	1	PYRAMID		Y	PYX28C64-25L32MB	660
5962-8751405ZC	G	07/20/2017		(NONE)	01/07/2000		28C64-25 (GEN)	660
5962-8751406UA	G	07/20/2017		(NONE)			286435 (GEN)	660
5962-8751406XA	G	07/20/2017	1	E2V			AT28C64B-35DM/883	660
5962-8751406XA	G	07/20/2017	1	PYRAMID		Y	PYA28C64B-35CWMB	660
5962-8751406YA	G	07/20/2017	1	E2V			AT28C64B-35LM/883	660
5962-8751406YA	G	07/20/2017	1	PYRAMID		Y	PYA28C64B-35L32MB	660
5962-8751407UA	G	07/20/2017		(NONE)			286430 (GEN)	660
5962-8751407XA	G	07/20/2017	1	E2V			AT28C64B-30DM/883	660
5962-8751407XA	G	07/20/2017	1	PYRAMID		Y	PYA28C64B-30CWMB	660
5962-8751407YA	G	07/20/2017	1	E2V			AT28C64B-30LM/883	660
5962-8751407YA	G	07/20/2017	1	PYRAMID		Y	PYA28C64B-30L32MB	660

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8751408UA	G	07/20/2017		(NONE)			286425 (GEN)	660
5962-8751408XA	G	07/20/2017	1	E2V			AT28C64B-25DM/883	660
5962-8751408XA	G	07/20/2017	1	PYRAMID		Y	PYA28C64B-25CWMB	660
5962-8751408YA	G	07/20/2017	1	E2V			AT28C64B-25LM/883	660
5962-8751408YA	G	07/20/2017	1	PYRAMID		Y	PYA28C64B-25L32MB	660
5962-8751409UA	G	07/20/2017		(NONE)			286420 (GEN)	660
5962-8751409XA	G	07/20/2017	1	E2V			AT28C64B-20DM/883	660
5962-8751409XA	G	07/20/2017	1	PYRAMID		Y	PYA28C64B-20CWMB	660
5962-8751409YA	G	07/20/2017	1	E2V			AT28C64B-20LM/883	660
5962-8751409YA	G	07/20/2017	1	PYRAMID		Y	PYA28C64B-20L32MB	660
5962-8751410UA	G	07/20/2017		(NONE)			286412 (GEN)	660
5962-8751410XA	G	07/20/2017	1	E2V			AT28C64B-12DM/883	660
5962-8751410XA	G	07/20/2017	1	PYRAMID		Y	PYA28C64B-12CWMB	660
5962-8751410YA	G	07/20/2017	1	E2V			AT28C64B-12LM/883	660
5962-8751410YA	G	07/20/2017	1	PYRAMID		Y	PYA28C64B-12L32MB	660
5962-8751411UA	G	07/20/2017		(NONE)			286490 (GEN)	660
5962-8751411XA	G	07/20/2017	1	E2V			AT28C64B-90DM/883	660
5962-8751411XA	G	07/20/2017	1	PYRAMID		Y	PYA28C64B-90CWMB	660
5962-8751411YA	G	07/20/2017	1	E2V			AT28C64B-90LM/883	660
5962-8751411YA	G	07/20/2017	1	PYRAMID		Y	PYA28C64B-90L32MB	660
5962-8751412UA	G	07/20/2017		(NONE)			286470 (GEN)	660
5962-8751412XA	G	07/20/2017		(NONE)	12/31/1999		286470 (GEN)	660
5962-8751412YA	G	07/20/2017		(NONE)			286470 (GEN)	660
5962-8751413UA	G	07/20/2017		(NONE)			286435 (GEN)	660
5962-8751413XA	G	07/20/2017	1	PYRAMID		Y	PYA28C64-35CWMB	660
5962-8751413YA	G	07/20/2017	1	PYRAMID		Y	PYA28C64-35L32MB	660
5962-8751413ZA	G	07/20/2017		(NONE)	12/31/1999		286435 (GEN)	660
5962-8751414UA	G	07/20/2017		(NONE)			286430 (GEN)	660
5962-8751414XA	G	07/20/2017	1	PYRAMID		Y	PYA28C64-30CWMB	660
5962-8751414YA	G	07/20/2017	1	PYRAMID		Y	PYA28C64-30L32MB	660
5962-8751415UA	G	07/20/2017		(NONE)			286425 (GEN)	660
5962-8751415XA	G	07/20/2017	1	PYRAMID		Y	PYA28C64-25CWMB	660
5962-8751415YA	G	07/20/2017	1	PYRAMID		Y	PYA28C64-25L32MB	660
5962-8751415ZA	G	07/20/2017		(NONE)	12/31/1999		286425 (GEN)	660
5962-8751416UA	G	07/20/2017		(NONE)			286420 (GEN)	660
5962-8751416XA	G	07/20/2017	1	PYRAMID		Y	PYA28C64-20CWMB	660
5962-8751416YA	G	07/20/2017	1	PYRAMID		Y	PYA28C64-20L32MB	660
5962-8751417UA	G	07/20/2017		(NONE)			286415 (GEN)	660
5962-8751417XA	G	07/20/2017	1	PYRAMID		Y	PYA28C64-15CWMB	660
5962-8751417YA	G	07/20/2017	1	PYRAMID		Y	PYA28C64-15L32MB	660
5962-8751418UA	G	07/20/2017		(NONE)			286435 (GEN)	660
5962-8751418XA	G	07/20/2017	1	PYRAMID		Y	PYA28C64X-35CWMB	660
5962-8751418YA	G	07/20/2017	1	PYRAMID		Y	PYA28C64X-35L32MB	660
5962-8751419UA	G	07/20/2017		(NONE)			286430 (GEN)	660
5962-8751419XA	G	07/20/2017	1	PYRAMID		Y	PYA28C64X-30CWMB	660
5962-8751419YA	G	07/20/2017	1	PYRAMID		Y	PYA28C64X-30L32MB	660
5962-8751420UA	G	07/20/2017		(NONE)			286425 (GEN)	660
5962-8751420XA	G	07/20/2017	1	PYRAMID		Y	PYA28C64X-25CWMB	660
5962-8751420YA	G	07/20/2017	1	PYRAMID		Y	PYA28C64X-25L32MB	660

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8751420ZA	G	07/20/2017		(NONE)	12/31/1999		286425 (GEN)	660
5962-8751421UA	G	07/20/2017		(NONE)			286420 (GEN)	660
5962-8751421XA	G	07/20/2017	1	PYRAMID		Y	PYA28C64X-20CWMB	660
5962-8751421YA	G	07/20/2017	1	PYRAMID		Y	PYA28C64X-20L32MB	660
5962-8751422UA	G	07/20/2017		(NONE)			286415 (GEN)	660
5962-8751422XA	G	07/20/2017	1	PYRAMID		Y	PYA28C64X-15CWMB	660
5962-8751422YA	G	07/20/2017	1	PYRAMID		Y	PYA28C64X-15L32MB	660
5962-8751423XA	G	07/20/2017		(NONE)			2865350 (GEN)	660
5962-8751423YA	G	07/20/2017		(NONE)			2865350 (GEN)	660
5962-8751423ZA	G	07/20/2017		(NONE)			2865350 (GEN)	660
5962-8751424XA	G	07/20/2017		(NONE)			2865300 (GEN)	660
5962-8751424YA	G	07/20/2017		(NONE)			2865300 (GEN)	660
5962-8751424ZA	G	07/20/2017		(NONE)			2865300 (GEN)	660
5962-8751425XA	G	07/20/2017		(NONE)			2865250 (GEN)	660
5962-8751425YA	G	07/20/2017		(NONE)			2865250 (GEN)	660
5962-8751425ZA	G	07/20/2017		(NONE)			2865250 (GEN)	660
5962-8751426XA	G	07/20/2017		(NONE)			2865200 (GEN)	660
5962-8751426YA	G	07/20/2017		(NONE)			2865200 (GEN)	660
5962-8751426ZA	G	07/20/2017		(NONE)			2865200 (GEN)	660
5962-8751427XA	G	07/20/2017		(NONE)			5565250 (GEN)	660
5962-8751427YA	G	07/20/2017		(NONE)			5565250 (GEN)	660
5962-8751427ZA	G	07/20/2017		(NONE)			5565250 (GEN)	660
5962-8751428XA	G	07/20/2017		(NONE)	12/31/1999		286420 (GEN)	660
5962-8751428YA	G	07/20/2017		(NONE)	12/31/1999		286420 (GEN)	660
5962-87515013A	D	03/14/2018	1	E2V			WS57C49C-45CMB	660
5962-87515013A	D	03/14/2018	1B	E2V		Y	QP7C263-45QMB	660
5962-87515013C	D	03/14/2018	1B	E2V		Y	QP7C263-45QMB	660
5962-87515013C	D	03/14/2018	1	E2V			WS57C49C-45CMB	660
5962-8751501JA	D	03/14/2018	1B	E2V		Y	QP7C264-45WMB	660
5962-8751501JA	D	03/14/2018	1	E2V			WS57C49C-45DMB	660
5962-8751501KA	D	03/14/2018	1B	E2V		Y	QP7C263-45TMB	660
5962-8751501KA	D	03/14/2018	1	E2V			WS57C49C-45FMB	660
5962-8751501LA	D	03/14/2018	1B	E2V		Y	QP7C263-45WMB	660
5962-8751501LA	D	03/14/2018	1	E2V			WS57C49C-45TMB	660
5962-87515023A	D	03/14/2018	1	E2V			WS57C49C-55CMB	660
5962-87515023A	D	03/14/2018	1B	E2V		Y	QP7C263-55QMB	660
5962-87515023C	D	03/14/2018	1B	E2V		Y	QP7C263-55QMB	660
5962-87515023C	D	03/14/2018	1	E2V			WS57C49C-55CMB	660
5962-8751502JA	D	03/14/2018	1B	E2V		Y	QP7C264-55WMB	660
5962-8751502JA	D	03/14/2018	1	E2V			WS57C49C-55DMB	660
5962-8751502KA	D	03/14/2018	1B	E2V		Y	QP7C263-55TMB	660
5962-8751502KA	D	03/14/2018	1	E2V			WS57C49C-55FMB	660
5962-8751502LA	D	03/14/2018	1B	E2V		Y	QP7C263-55WMB	660
5962-8751502LA	D	03/14/2018	1	E2V			WS57C49C-55TMB	660
5962-87515033A	D	03/14/2018	1	E2V			WS57C49C-70CMB	660
5962-87515033A	D	03/14/2018	1B	E2V		Y	QP7C263-70QMB	660
5962-87515033C	D	03/14/2018	1B	E2V		Y	QP7C263-70QMB	660
5962-87515033C	D	03/14/2018	1	E2V			WS57C49C-70CMB	660
5962-8751503JA	D	03/14/2018	1B	E2V		Y	QP7C264-70WMB	660

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5962-8751503JA	D	03/14/2018	1	E2V			WS57C49C-70DMB	660
5962-8751503KA	D	03/14/2018	1B	E2V		Y	QP7C263-70TMB	660
5962-8751503KA	D	03/14/2018	1	E2V			WS57C49C-70FMB	660
5962-8751503LA	D	03/14/2018	1B	E2V		Y	QP7C263-70WMB	660
5962-8751503LA	D	03/14/2018	1	E2V			WS57C49C-70TMB	660
5962-87515043A	D	03/14/2018	1	E2V			WS57C49C-90CMB	660
5962-87515043A	D	03/14/2018	1B	E2V		Y	QP7C263-90QMB	660
5962-87515043C	D	03/14/2018	1B	E2V		Y	QP7C263-90QMB	660
5962-87515043C	D	03/14/2018	1	E2V			WS57C49C-90CMB	660
5962-8751504JA	D	03/14/2018	1B	E2V		Y	QP7C264-90WMB	660
5962-8751504JA	D	03/14/2018	1	E2V			WS57C49C-90DMB	660
5962-8751504KA	D	03/14/2018	1B	E2V		Y	QP7C263-90TMB	660
5962-8751504KA	D	03/14/2018	1	E2V			WS57C49C-90FMB	660
5962-8751504LA	D	03/14/2018	1B	E2V		Y	QP7C263-90WMB	660
5962-8751504LA	D	03/14/2018	1	E2V			WS57C49C-90TMB	660
5962-87515053A	D	03/14/2018	2	E2V		Y	CY7C261-45QMB	660
5962-87515053A	D	03/14/2018	1B	E2V		Y	QP7C261-45QMB	660
5962-87515053A	D	03/14/2018	1	E2V			WS57C49C-45CMB	660
5962-87515053C	D	03/14/2018	1	E2V			WS57C49C-45CMB	660
5962-8751505JA	D	03/14/2018	1	E2V			WS57C49C-45DMB	660
5962-8751505KA	D	03/14/2018	2	E2V		Y	CY7C261-45TMB	660
5962-8751505KA	D	03/14/2018	1B	E2V		Y	QP7C261-45TMB	660
5962-8751505KA	D	03/14/2018	1	E2V			WS57C49C-45FMB	660
5962-8751505LA	D	03/14/2018	1	E2V			WS57C49C-45TMB	660
5962-8751505LA	D	03/14/2018	1B	E2V		Y	QP7C261-45WMB	660
5962-8751505LA	D	03/14/2018	2	E2V		Y	CY7C261-45WMB	660
5962-87515063A	D	03/14/2018	2	E2V		Y	CY7C261-55QMB	660
5962-87515063A	D	03/14/2018	1B	E2V		Y	QP7C261-55QMB	660
5962-87515063A	D	03/14/2018	1	E2V			WS57C49C-55CMB	660
5962-87515063C	D	03/14/2018	1	E2V			WS57C49C-55CMB	660
5962-8751506JA	D	03/14/2018	1	E2V			WS57C49C-55DMB	660
5962-8751506KA	D	03/14/2018	1B	E2V		Y	QP7C261-55TMB	660
5962-8751506KA	D	03/14/2018	2	E2V		Y	CY7C261-55TMB	660
5962-8751506KA	D	03/14/2018	1	E2V			WS57C49C-55FMB	660
5962-8751506LA	D	03/14/2018	1	E2V			WS57C49C-55TMB	660
5962-8751506LA	D	03/14/2018	1B	E2V		Y	QP7C261-55WMB	660
5962-8751506LA	D	03/14/2018	2	E2V		Y	CY7C261-55WMB	660
5962-87515073A	D	03/14/2018	1	E2V			WS57C49C-35CMB	660
5962-87515073A	D	03/14/2018	2	E2V		Y	CY7C261-35QMB	660
5962-87515073A	D	03/14/2018	1B	E2V		Y	QP7C261-35QMB	660
5962-87515073C	D	03/14/2018	1	E2V			WS57C49C-35CMB	660
5962-8751507JA	D	03/14/2018	1	E2V			WS57C49C-35DMB	660
5962-8751507KA	D	03/14/2018	2	E2V		Y	CY7C261-35TMB	660
5962-8751507KA	D	03/14/2018	1B	E2V		Y	QP7C261-35TMB	660
5962-8751507KA	D	03/14/2018	1	E2V			WS57C49C-35FMB	660
5962-8751507LA	D	03/14/2018	2	E2V		Y	CY7C261-35WMB	660
5962-8751507LA	D	03/14/2018	1B	E2V		Y	QP7C261-35WMB	660
5962-8751507LA	D	03/14/2018	1	E2V			WS57C49C-35TMB	660
5962-87515083A	D	03/14/2018	2	E2V		Y	CY7C263-35QMB	660

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5962-87515083A	D	03/14/2018	1	E2V			WS57C49C-35CMB	660
5962-87515083A	D	03/14/2018	1B	E2V		Y	QP7C263-35QMB	660
5962-87515083C	D	03/14/2018	1	E2V			WS57C49C-35CMB	660
5962-8751508JA	D	03/14/2018	2	E2V		Y	CY7C264-35WMB	660
5962-8751508JA	D	03/14/2018	1B	E2V		Y	QP7C264-35WMB	660
5962-8751508JA	D	03/14/2018	1	E2V			WS57C49C-35DMB	660
5962-8751508KA	D	03/14/2018	2	E2V		Y	CY7C263-35TMB	660
5962-8751508KA	D	03/14/2018	1B	E2V		Y	QP7C263-35TMB	660
5962-8751508KA	D	03/14/2018	1	E2V			WS57C49C-35FMB	660
5962-8751508LA	D	03/14/2018	1	E2V			WS57C49C-35TMB	660
5962-8751508LA	D	03/14/2018	2	E2V		Y	CY7C263-35WMB	660
5962-8751508LA	D	03/14/2018	1B	E2V		Y	QP7C263-35WMB	660
5962-87515093A	D	03/14/2018	2	E2V		Y	CY7C263-45QMB	660
5962-87515093A	D	03/14/2018	1B	E2V		Y	QP7C263-45QMB	660
5962-87515093A	D	03/14/2018	1	E2V			WS57C49C-45CMB	660
5962-87515093C	D	03/14/2018	1	E2V			WS57C49C-45CMB	660
5962-8751509JA	D	03/14/2018	2	E2V		Y	CY7C264-45WMB	660
5962-8751509JA	D	03/14/2018	1B	E2V		Y	QP7C264-45WMB	660
5962-8751509JA	D	03/14/2018	1	E2V			WS57C49C-45DMB	660
5962-8751509KA	D	03/14/2018	2	E2V		Y	CY7C263-45TMB	660
5962-8751509KA	D	03/14/2018	1B	E2V		Y	QP7C263-45TMB	660
5962-8751509KA	D	03/14/2018	1	E2V			WS57C49C-45FMB	660
5962-8751509LA	D	03/14/2018	2	E2V		Y	CY7C263-45WMB	660
5962-8751509LA	D	03/14/2018	1B	E2V		Y	QP7C263-45WMB	660
5962-8751509LA	D	03/14/2018	1	E2V			WS57C49C-45TMB	660
5962-87515103A	D	03/14/2018	2	E2V		Y	CY7C263-55QMB	660
5962-87515103A	D	03/14/2018	1B	E2V		Y	QP7C263-55QMB	660
5962-87515103A	D	03/14/2018	1	E2V			WS57C49C-55CMB	660
5962-87515103C	D	03/14/2018	1	E2V			WS57C49C-55CMB	660
5962-8751510JA	D	03/14/2018	2	E2V		Y	CY7C264-55WMB	660
5962-8751510JA	D	03/14/2018	1B	E2V		Y	QP7C264-55WMB	660
5962-8751510JA	D	03/14/2018	1	E2V			WS57C49C-55DMB	660
5962-8751510KA	D	03/14/2018	2	E2V		Y	CY7C263-55TMB	660
5962-8751510KA	D	03/14/2018	1B	E2V		Y	QP7C263-55TMB	660
5962-8751510KA	D	03/14/2018	1	E2V			WS57C49C-55FMB	660
5962-8751510LA	D	03/14/2018	2	E2V		Y	CY7C263-55WMB	660
5962-8751510LA	D	03/14/2018	1B	E2V		Y	QP7C263-55WMB	660
5962-8751510LA	D	03/14/2018	1	E2V			WS57C49C-55TMB	660
5962-87515113A	D	03/14/2018	1B	E2V		Y	QP7C263-25QMB	660
5962-87515113A	D	03/14/2018	2	E2V		Y	CY7C263-25QMB	660
5962-8751511JA	D	03/14/2018	1B	E2V		Y	QP7C264-25WMB	660
5962-8751511JA	D	03/14/2018	2	E2V		Y	CY7C264-25WMB	660
5962-8751511KA	D	03/14/2018	1B	E2V		Y	QP7C263-25TMB	660
5962-8751511KA	D	03/14/2018	2	E2V		Y	CY7C263-25TMB	660
5962-8751511LA	D	03/14/2018	1B	E2V		Y	QP7C263-25WMB	660
5962-8751511LA	D	03/14/2018	2	E2V		Y	CY7C263-25WMB	660
5962-87515123A	D	03/14/2018	1B	E2V		Y	QP7C261-25QMB	660
5962-87515123A	D	03/14/2018	2	E2V		Y	CY7C261-25QMB	660
5962-8751512KA	D	03/14/2018	1B	E2V		Y	QP7C261-25TMB	660



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5962-8751512KA	D	03/14/2018	2	E2V		Y	CY7C261-25TMB	660
5962-8751512LA	D	03/14/2018	1B	E2V		Y	QP7C261-25WMB	660
5962-8751512LA	D	03/14/2018	2	E2V		Y	CY7C261-25WMB	660
5962-8751601CA	F	02/13/2018	1	E2V		Y	521/BCA	773
5962-8751601DA	F	02/13/2018	1	E2V		Y	521/BDA	773
5962-8751602CA	F	02/13/2018		(NONE)	09/01/1997		522 (GEN)	773
5962-8751602DA	F	02/13/2018		(NONE)	09/01/1997		522 (GEN)	773
5962-87517012A	D	11/09/2015	1	TI		Y	SNJ54LS590FK	304
5962-8751701EA	D	11/09/2015	1	TI		Y	SNJ54LS590J	304
5962-8751701FA	D	11/09/2015		(NONE)	11/28/2015		54LS590 (GEN)	304
5962-87518013A	E	08/22/2016	1	ROCHESTER		Y	MR8259A/B3A	420
5962-8751801XA	E	08/22/2016	1	ROCHESTER		Y	MD8259A/BXA	420
5962-8751901QA	A	09/20/1991		(NONE)	10/17/1997		9914A (GEN)	420
5962-8751901XA	A	09/20/1991		(NONE)			9914A (GEN)	420
5962-8752001JA	D	09/07/2005		(NONE)			8253 (GEN)	424
5962-8752002JA	D	09/07/2005	1	ROCHESTER		Y	MD8253/BJA	424
5962-8752003JA	D	09/07/2005		(NONE)			8253-5 (GEN)	424
5962-8752101VA	D	12/19/2014		(NONE)	09/09/2017		54C922 (GEN)	399
5962-87522012A	E	04/16/2018	0	SRI		Y	GEM41201Q2A	573
5962-87522012C	E	04/16/2018	0	SRI		Y	GEM41201Q2C	573
5962-8752201AA	E	04/16/2018		(NONE)			9622 (GEN)	573
5962-8752201CA	E	04/16/2018	0	SRI		Y	GEM41201QCA	573
5962-8752201CC	E	04/16/2018	0	SRI		Y	GEM41201QCC	573
5962-8752201XA	E	04/16/2018	0	SRI		Y	GEM41201QXA	573
5962-8752201XC	E	04/16/2018	0	SRI		Y	GEM41201QXC	573
5962-8752301PA	C	03/02/2011		(NONE)	12/03/2008		9636A (GEN)	573
5962-8752401PA	D	03/02/2018	2	TI		Y	DS9637AMJ/883	573
5962-87525012A	J	01/29/2019		(NONE)			54ACT74 (GEN)	158
5962-8752501B2A	J	01/29/2019	3	E2V		Y	JM54ACT74B2A	158
5962-8752501B2A	J	01/29/2019	2	E2V		Y	EV54ACT74B2A	158
5962-8752501B2A	J	01/29/2019	3	ROCHESTER		Y	54ACT74/B2A	158
5962-8752501M2A	J	01/29/2019	3	E2V		Y	54ACT74LMQB	158
5962-8752501M2A	J	01/29/2019	2	E2V		Y	EV54ACT74LMQB	158
5962-8752501M2A	J	01/29/2019	3	ROCHESTER		Y	54ACT74/Q2A	158
5962-8752501M2A	J	01/29/2019	3	TI		Y	SNJ54ACT74FK	158
5962-8752501S2A	J	01/29/2019		(NONE)			54ACT74 (GEN)	158
5962R8752501B2A	J	01/29/2019		(NONE)			54ACT74 (GEN)	158
5962R8752501S2A	J	01/29/2019	3	ROCHESTER		Y	54ACT74/S2A-R	158
5962-8752501BCA	J	01/29/2019	3	E2V		Y	JM54ACT74BCA	158
5962-8752501BCA	J	01/29/2019	2	E2V		Y	EV54ACT74BCA	158
5962-8752501BCA	J	01/29/2019	3	ROCHESTER		Y	54ACT74/BCA	158
5962-8752501CA	J	01/29/2019		(NONE)			54ACT74 (GEN)	158
5962-8752501MCA	J	01/29/2019	3	E2V		Y	54ACT74DMQB	158
5962-8752501MCA	J	01/29/2019	2	E2V		Y	5EV4ACT74DMQB	158
5962-8752501MCA	J	01/29/2019	3	ROCHESTER		Y	54ACT74/QCA	158
5962-8752501MCA	J	01/29/2019	3	TI		Y	SNJ54ACT74J	158
5962-8752501SCA	J	01/29/2019		(NONE)	03/05/2002		54ACT74 (GEN)	158
5962R8752501BCA	J	01/29/2019		(NONE)			54ACT74 (GEN)	158
5962R8752501SCA	J	01/29/2019	3	ROCHESTER		Y	54ACT74/SCA-R	158



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5962-8752501BDA	J	01/29/2019	3	E2V		Y	JM54ACT74BDA	158
5962-8752501BDA	J	01/29/2019	2	E2V		Y	EV54ACT74BDA	158
5962-8752501BDA	J	01/29/2019	3	ROCHESTER		Y	54ACT74/BDA	158
5962-8752501DA	J	01/29/2019		(NONE)			54ACT74 (GEN)	158
5962-8752501MDA	J	01/29/2019	3	E2V		Y	54ACT74FMQB	158
5962-8752501MDA	J	01/29/2019	2	E2V		Y	EV54ACT74FMQB	158
5962-8752501MDA	J	01/29/2019	3	ROCHESTER		Y	54ACT74/QDA	158
5962-8752501MDA	J	01/29/2019	3	TI		Y	SNJ54ACT74W	158
5962-8752501SDA	J	01/29/2019		(NONE)			54ACT74 (GEN)	158
5962R8752501BDA	J	01/29/2019		(NONE)			54ACT74 (GEN)	158
5962R8752501SDA	J	01/29/2019	3	ROCHESTER		Y	54ACT74/SDA-R	158
5962R8752501SZA	J	01/29/2019		(NONE)			54ACT74 (GEN)	158
5962-87525022A	J	01/29/2019		(NONE)	09/15/1995		54ACT11074 (GEN)	158
5962-8752502M2A	J	01/29/2019	1	ROCHESTER		Y	54ACT11074/B2A	158
5962-8752502CA	J	01/29/2019		(NONE)	09/15/1995		54ACT11074 (GEN)	158
5962-8752502MCA	J	01/29/2019	1	ROCHESTER		Y	54ACT11074/BCA	158
5962-8752502DA	J	01/29/2019		(NONE)	09/15/1995		54ACT11074 (GEN)	158
5962-8752502MDA	J	01/29/2019	1	ROCHESTER		Y	54ACT11074/BDA	158
5962F8752503V9A	J	01/29/2019	2	STMICRO		Y	ACT74DIE2V	158
5962F8752503QCA	J	01/29/2019	2	STMICRO		Y	RHFACT74D04Q	158
5962F8752503QCC	J	01/29/2019	2	STMICRO		Y	RHFACT74D03Q	158
5962F8752503VCA	J	01/29/2019	2	STMICRO		Y	RHFACT74D04V	158
5962F8752503VCC	J	01/29/2019	2	STMICRO		Y	RHFACT74D03V	158
5962-8752503QXA	J	01/29/2019		(NONE)			54ACT74 (GEN)	158
5962-8752503VXA	J	01/29/2019		(NONE)			54ACT74 (GEN)	158
5962F8752503QXA	J	01/29/2019	2	STMICRO		Y	RHFACT74K02Q	158
5962F8752503QXC	J	01/29/2019	2	STMICRO		Y	RHFACT74K01Q	158
5962F8752503VXA	J	01/29/2019	2	STMICRO		Y	RHFACT74K02V	158
5962F8752503VXC	J	01/29/2019	2	STMICRO		Y	RHFACT74K01V	158
5962F8752503VYA	J	01/29/2019	2	STMICRO		Y	RHFACT74K04V	158
5962F8752503VYC	J	01/29/2019	2	STMICRO		Y	RHFACT74K03V	158
5962-87526012A	A	01/22/1988		(NONE)			Z0858110 (GEN)	422
5962-8752601VA	A	01/22/1988		(NONE)			Z0858110 (GEN)	422
5962-87526022A	A	01/22/1988		(NONE)			Z0858106 (GEN)	422
5962-8752602VA	A	01/22/1988		(NONE)			Z0858106 (GEN)	422
5962-8752701QA		04/02/1987		(NONE)			Z0853006 (GEN)	420
5962-8752701YA		04/02/1987		(NONE)			Z0853006 (GEN)	420
5962-8752702QA		04/02/1987		(NONE)			Z0853004 (GEN)	420
5962-8752702YA		04/02/1987		(NONE)			Z0853004 (GEN)	420
5962-87528012A	B	12/14/2017		(NONE)			PAL18P8A (GEN)	431
5962-8752801RA	B	12/14/2017		(NONE)			PAL18P8A (GEN)	431
5962-8752801SA	B	12/14/2017		(NONE)			PAL18P8A (GEN)	431
5962-87528022A	B	12/14/2017		(NONE)			PAL18P8B (GEN)	431
5962-8752802RA	B	12/14/2017		(NONE)			PAL18P8B (GEN)	431
5962-8752802SA	B	12/14/2017		(NONE)			PAL18P8B (GEN)	431
5962-87528032A	B	12/14/2017		(NONE)			PAL18P8AL (GEN)	431
5962-8752803RA	B	12/14/2017		(NONE)			PAL18P8AL (GEN)	431
5962-8752803SA	B	12/14/2017		(NONE)			PAL18P8AL (GEN)	431
5962-87528042A	B	12/14/2017		(NONE)			PAL18P8L (GEN)	431

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5962-8752804RA	B	12/14/2017		(NONE)			PAL18P8L (GEN)	431
5962-8752804SA	B	12/14/2017		(NONE)			PAL18P8L (GEN)	431
5962-87528052A	B	12/14/2017		(NONE)			PAL18P8Q (GEN)	431
5962-8752805RA	B	12/14/2017		(NONE)			PAL18P8Q (GEN)	431
5962-8752805SA	B	12/14/2017		(NONE)			PAL18P8Q (GEN)	431
5962-87529013A	F	01/20/2015	1	E2V			WS57C45-45CMB	658
5962-87529013A	F	01/20/2015	1	E2V		Y	QP7C245A-45QMB	658
5962-87529013C	F	01/20/2015	1	E2V		Y	QP7C245A-45QMB	658
5962-87529013C	F	01/20/2015	1	E2V			WS57C45-45CMB	658
5962-8752901KA	F	01/20/2015	1	E2V		Y	QP7C245A-45TMB	658
5962-8752901KA	F	01/20/2015	1	E2V			WS57C45-45FMB	658
5962-8752901LA	F	01/20/2015	1	E2V		Y	QP7C245A-45WMB	658
5962-8752901LA	F	01/20/2015	1	E2V			WS57C45-45TMB	658
5962-87529023A	F	01/20/2015	1	E2V		Y	QP7C245A-35QMB	658
5962-87529023A	F	01/20/2015	1	E2V			WS57C45-35CMB	658
5962-87529023C	F	01/20/2015	1	E2V			WS57C45-35CMB	658
5962-87529023C	F	01/20/2015	1	E2V		Y	QP7C245A-35QMB	658
5962-8752902KA	F	01/20/2015	1	E2V		Y	QP7C245A-35TMB	658
5962-8752902KA	F	01/20/2015	1	E2V			WS57C45-35FMB	658
5962-8752902LA	F	01/20/2015	1	E2V		Y	QP7C245A-35WMB	658
5962-8752902LA	F	01/20/2015	1	E2V			WS57C45-35TMB	658
5962-87530013A	B	12/18/2017		(NONE)			2010 (GEN)	431
5962-8753001KA	B	12/18/2017		(NONE)				431
5962-8753001LA	B	12/18/2017		(NONE)				431
5962-87530023A	B	12/18/2017		(NONE)				431
5962-8753002KA	B	12/18/2017		(NONE)				431
5962-8753002LA	B	12/18/2017		(NONE)				431
5962-87530033A	B	12/18/2017		(NONE)				431
5962-8753003KA	B	12/18/2017		(NONE)				431
5962-8753003LA	B	12/18/2017		(NONE)				431
5962-87530043A	B	12/18/2017		(NONE)				431
5962-8753004KA	B	12/18/2017		(NONE)				431
5962-8753004LA	B	12/18/2017		(NONE)				431
5962-8753101TA	E	05/05/2015		IDT		Y	IDT7201LA30TDB	670
5962-8753101UA	E	05/05/2015		(NONE)	10/29/2001		7201LA30 (GEN)	670
5962-8753101XA	E	05/05/2015	1	IDT		Y	IDT7201LA30DB	670
5962-8753101YA	E	05/05/2015	1	IDT		Y	IDT7201LA30LB	670
5962-8753101ZA	E	05/05/2015		(NONE)				670
5962-8753102TA	E	05/05/2015		IDT		Y	IDT7201LA50TDB	670
5962-8753102UA	E	05/05/2015		(NONE)	10/29/2001		7201LA50 (GEN)	670
5962-8753102XA	E	05/05/2015	1	IDT		Y	IDT7201LA50DB	670
5962-8753102YA	E	05/05/2015		(NONE)	10/29/2001		7201LA50 (GEN)	670
5962-8753102ZA	E	05/05/2015		(NONE)				670
5962-8753103TA	E	05/05/2015		IDT		Y	IDT7201LA80TDB	670
5962-8753103UA	E	05/05/2015		(NONE)	10/29/2001		7201LA80 (GEN)	670
5962-8753103XA	E	05/05/2015	1	IDT		Y	IDT7201LA80DB	670
5962-8753103YA	E	05/05/2015		(NONE)	10/29/2001		7201LA80 (GEN)	670
5962-8753103ZA	E	05/05/2015		(NONE)				670
5962-8753201EA	B	09/20/2006		(NONE)	07/01/1994		2069 (GEN)	790

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5962-8753202EA	B	09/20/2006		(NONE)	07/01/1994		2070 (GEN)	790
5962-87533013A	D	08/05/2016	1	TI		Y	SNJ54ALS857FK	279
5962-8753301KA	D	08/05/2016		(NONE)			54ALS857 (GEN)	279
5962-8753301LA	D	08/05/2016	1	TI		Y	SNJ54ALS857J	279
5962-87534012A	E	07/14/2017	2	SRI		Y	GEM19501Q2A	590
5962-87534012C	E	07/14/2017	2	SRI		Y	GEM19501Q2C	590
5962-8753401EA	E	07/14/2017	2	SRI		Y	GEM19501QEA	590
5962-8753401EC	E	07/14/2017	2	SRI		Y	GEM19501QEC	590
5962-8753401FA	E	07/14/2017	2	SRI		Y	GEM19501QFA	590
5962-8753401FC	E	07/14/2017	2	SRI		Y	GEM19501QFC	590
5962-87534022A	E	07/14/2017	1	ROCHESTER		Y	26S12A/B2A	590
5962-8753402EA	E	07/14/2017	1	ROCHESTER		Y	26S12A/BEA	590
5962-8753402FA	E	07/14/2017	1	ROCHESTER		Y	26S12A/BFA	590
5962-8753501XA	G	06/24/2014		(NONE)			BUS-65112 (GEN)	590
5962-8753501YA	G	06/24/2014		(NONE)			BUS-65117 (GEN)	590
5962-8753502XA	G	06/24/2014	1	AEROFLEX		Y	ARX2452-001-2	590
5962-8753502XC	G	06/24/2014	1	AEROFLEX		Y	ARX2452-001-1	590
5962-8753502YA	G	06/24/2014	1	AEROFLEX		Y	ARX2452-202-2	590
5962-8753502YC	G	06/24/2014	1	AEROFLEX		Y	ARX2452-202-1	590
5962-8753503XA	G	06/24/2014	1	AEROFLEX		Y	CT-2512-001-2	590
5962-8753503XC	G	06/24/2014	1	AEROFLEX		Y	CT-2512-001-1	590
5962-8753503ZA	G	06/24/2014	1	AEROFLEX		Y	CT-2512-201-2	590
5962-8753503ZC	G	06/24/2014	1	AEROFLEX		Y	CT-2512-201-1	590
5962-8753601RA	A	05/10/2007		(NONE)			25S244 (GEN)	529
5962-8753601SA	A	05/10/2007		(NONE)			25S244 (GEN)	529
5962D8753801XA	A	07/07/2008		(NONE)			HS1-1840RH (GEN)	195
5962D8753801YA	A	07/07/2008		(NONE)			HS9-1840RH (GEN)	195
5962-87539013A	M	10/13/2017	2	E2V		Y	PALC22V10-25QMB	431
5962-8753901KA	M	10/13/2017	2	E2V		Y	PALC22V10-25TMB	431
5962-8753901LA	M	10/13/2017	2	E2V		Y	PALC22V10-25WMB	431
5962-87539023A	M	10/13/2017	2	E2V		Y	PALC22V10-30QMB	431
5962-8753902KA	M	10/13/2017	2	E2V		Y	PALC22V10-30TMB	431
5962-8753902LA	M	10/13/2017	2	E2V		Y	PALC22V10-30WMB	431
5962-87539033A	M	10/13/2017	2	E2V		Y	PALC22V10-40QMB	431
5962-8753903KA	M	10/13/2017	2	E2V		Y	PALC22V10-40TMB	431
5962-8753903LA	M	10/13/2017	2	E2V		Y	PALC22V10-40WMB	431
5962-87539043A	M	10/13/2017	2	E2V		Y	PALC22V10B-20QMB	431
5962-8753904KA	M	10/13/2017	2	E2V		Y	PALC22V10B-20TMB	431
5962-8753904LA	M	10/13/2017	2	E2V		Y	PALC22V10B-20WMB	431
5962-87539053A	M	10/13/2017	2	E2V		Y	PALC22V10B-15QMB	431
5962-8753905KA	M	10/13/2017	2	E2V		Y	PALC22V10B-15TMB	431
5962-8753905LA	M	10/13/2017	2	E2V		Y	PALC22V10B-15WMB	431
5962-87539063A	M	10/13/2017		(NONE)			22V10B (GEN)	431
5962-8753906LA	M	10/13/2017		(NONE)			22V10B (GEN)	431
5962-8753906XA	M	10/13/2017		(NONE)			22V10B (GEN)	431
5962-87540012A	E	12/10/2014	1	ANALOG (2)		Y	AD585SE/883B	818
5962-8754001CA	E	12/10/2014	1	ANALOG (2)		Y	AD585SQ/883B	818
5962-87541012A	C	06/01/2007		(NONE)	09/30/1995		10H610 (GEN)	125
5962-8754101EA	C	06/01/2007		(NONE)	09/30/1995		10H610 (GEN)	125

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5962-8754101FA	C	06/01/2007		(NONE)	09/30/1995		10H610 (GEN)	125
5962-87542012A	D	08/10/2016	1	SRI		Y	GEM02901B2A	345
5962-87542012C	D	08/10/2016	1	SRI		Y	GEM02901B2C	345
5962-8754201RA	D	08/10/2016	1	SRI		Y	GEM02901BRA	345
5962-8754201RC	D	08/10/2016	1	SRI		Y	GEM02901BRC	345
5962-8754201SA	D	08/10/2016	1	SRI		Y	GEM02901BSA	345
5962-8754201SC	D	08/10/2016	1	SRI		Y	GEM02901BSC	345
5962-8754301CA	D	08/10/2016	1	LANSDALE		Y	SL82S62/BCA	210
5962-8754301DA	D	08/10/2016	1	LANSDALE		Y	SL82S62/BDA	210
5962-87544012A	E	11/05/2018	1	ROCHESTER		Y	25LS2569/B2A	304
5962-8754401RA	E	11/05/2018	1	ROCHESTER		Y	25LS2569/BRA	304
5962-8754401SA	E	11/05/2018	1	ROCHESTER		Y	25LS2569/BSA	304
5962-8754501CA	D	11/02/2017	1	ROCHESTER		Y	LM760J/883	772
5962-8754501GA	D	11/02/2017	1	ROCHESTER		Y	LM760H/883	772
5962-8754601PA	D	10/05/2017	2	TI		Y	DS9638J/883	589
5962-87547012A	E	06/13/2017	3	TI		Y	SNJ55110AFK	562
5962-8754701CA	E	06/13/2017	3	TI		Y	SNJ55110AJ	562
5962-8754701DA	E	06/13/2017	3	TI		Y	SNJ55110AW	562
5962-87547022A	E	06/13/2017		(NONE)	05/01/1998		55109 (GEN)	562
5962-8754702CA	E	06/13/2017		(NONE)	05/01/1998		55109 (GEN)	562
5962-8754702DA	E	06/13/2017		(NONE)	05/01/1998		55109 (GEN)	562
5962-87548013A	D	09/07/2005	1	ROCHESTER		Y	8251A/B3A	421
5962-8754801XA	D	09/07/2005	1	ROCHESTER		Y	8251A/BXA	421
5962-87548023A	D	09/07/2005	1	ROCHESTER		Y	MR8251A/B3A	421
5962-8754802XA	D	09/07/2005	1	ROCHESTER		Y	MD8251A/BXA	421
5962-87549012A	L	02/27/2018	3	E2V		Y	54AC00LMQB	100
5962-87549012A	L	02/27/2018	3	ROCHESTER		Y	54AC00/Q2A	100
5962-87549012A	L	02/27/2018	2	TI		Y	SNJ54AC00FK	100
5962F8754901V9A	L	02/27/2018	2	STMICRO		Y	AC00DIE2V	100
5962-8754901CA	L	02/27/2018	3	E2V		Y	54AC00DMQB	100
5962-8754901CA	L	02/27/2018	3	ROCHESTER		Y	54AC00/QCA	100
5962-8754901CA	L	02/27/2018	2	TI		Y	SNJ54AC00J	100
5962F8754901CA	L	02/27/2018	2	STMICRO		Y	RHFAC00D04Q	100
5962F8754901CC	L	02/27/2018	2	STMICRO		Y	RHFAC00D03Q	100
5962F8754901VCA	L	02/27/2018	2	STMICRO		Y	RHFAC00D04V	100
5962F8754901VCC	L	02/27/2018	2	STMICRO		Y	RHFAC00D03V	100
5962-8754901DA	L	02/27/2018	3	E2V		Y	54AC00FMQB	100
5962-8754901DA	L	02/27/2018	3	ROCHESTER		Y	54AC00/QDA	100
5962-8754901DA	L	02/27/2018	2	TI		Y	SNJ54AC00W	100
5962-8754901VXA	L	02/27/2018		(NONE)			54AC00 (GEN)	100
5962-8754901XA	L	02/27/2018	3	E2V		Y	54AC00XA	100
5962F8754901VXA	L	02/27/2018	2	STMICRO		Y	RHFAC00K02V	100
5962F8754901VXC	L	02/27/2018	2	STMICRO		Y	RHFAC00K01V	100
5962F8754901XA	L	02/27/2018	2	STMICRO		Y	RHFAC00K02Q	100
5962F8754901XC	L	02/27/2018	2	STMICRO		Y	RHFAC00K01Q	100
5962F8754901VYA	L	02/27/2018	2	STMICRO		Y	RHFAC00K04V	100
5962F8754901VYC	L	02/27/2018	2	STMICRO		Y	RHFAC00K03V	100
5962-87549022A	L	02/27/2018		(NONE)	09/15/1995		54AC11000 (GEN)	100
5962-8754902EA	L	02/27/2018		(NONE)	09/15/1995		54AC11000 (GEN)	100

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5962-8754902FA	L	02/27/2018		(NONE)			54AC11000 (GEN)	100
5962R8754903V9A	L	02/27/2018	2	TI		Y	AC00KGD-SP	100
5962-8754903VCA	L	02/27/2018	2	TI		Y	SNV54AC00J-SP	100
5962R8754903VCA	L	02/27/2018	2	TI		Y	SNVR54AC00J	100
5962-8754903VDA	L	02/27/2018	2	TI		Y	SNV54AC00W-SP	100
5962R8754903VDA	L	02/27/2018	2	TI		Y	SNVR54AC00W	100
5962-87550012A	J	10/24/2018	2	E2V		Y	54AC240LMQB	529
5962-87550012A	J	10/24/2018	2	ROCHESTER		Y	54AC240/Q2A	529
5962-87550012A	J	10/24/2018	1	TI		Y	SNJ54AC240FK	529
5962-8755001RA	J	10/24/2018	2	E2V		Y	54AC240DMQB	529
5962-8755001RA	J	10/24/2018	2	ROCHESTER		Y	54AC240/QRA	529
5962-8755001RA	J	10/24/2018	1	TI		Y	SNJ54AC240J	529
5962F8755001VRA	J	10/24/2018	2	STMICRO		Y	RHFAC240D04V	529
5962F8755001VRC	J	10/24/2018	2	STMICRO		Y	RHFAC240D04V	529
5962-8755001SA	J	10/24/2018	2	E2V		Y	54AC240FMQB	529
5962-8755001SA	J	10/24/2018	2	ROCHESTER		Y	54AC240/QSA	529
5962-8755001SA	J	10/24/2018	1	TI		Y	SNJ54AC240W	529
5962-8755001VXA	J	10/24/2018		(NONE)			54AC240 (GEN)	529
5962-8755001XA	J	10/24/2018		(NONE)			54AC240 (GEN)	529
5962F8755001VXA	J	10/24/2018	2	STMICRO		Y	RHFAC240K02V	529
5962F8755001VXC	J	10/24/2018	2	STMICRO		Y	RHFAC240K01V	529
5962F8755001XA	J	10/24/2018	2	STMICRO		Y	RHFAC240K02Q	529
5962F8755001XC	J	10/24/2018	2	STMICRO		Y	RHFAC240K01Q	529
5962F8755001VYA	J	10/24/2018	2	STMICRO		Y	RHFAC240K04V	529
5962F8755001VYC	J	10/24/2018	2	STMICRO		Y	RHFAC240K03V	529
5962-8755001ZA	J	10/24/2018	2	E2V		Y	54AC240WG-QML	529
5962-8755001ZA	J	10/24/2018	2	ROCHESTER		Y	54AC240/QZA	529
5962-87550023A	J	10/24/2018	1	ROCHESTER			54AC11240/B3A	529
5962-8755002JA	J	10/24/2018	1	ROCHESTER			54AC11240/BJA	529
5962-8755002KA	J	10/24/2018	1	ROCHESTER			54AC11240/BKA	529
5962-87551012A	E	10/23/2014	3	E2V		Y	54AC241LMQB	529
5962-87551012A	E	10/23/2014	3	ROCHESTER		Y	54AC241/Q2A	529
5962-8755101RA	E	10/23/2014	3	E2V		Y	54AC241DMQB	529
5962-8755101RA	E	10/23/2014	3	ROCHESTER		Y	54AC241/QRA	529
5962-8755101SA	E	10/23/2014	3	E2V		Y	54AC241FMQB	529
5962-8755101SA	E	10/23/2014	3	ROCHESTER		Y	54AC241/QSA	529
5962-8755101ZA	E	10/23/2014	3	E2V		Y	54AC241WG-QML	529
5962-8755101ZA	E	10/23/2014	3	ROCHESTER		Y	54AC241/QZA	529
5962-87551023A	E	10/23/2014	1	ROCHESTER		Y	54AC11241/B3A	529
5962-8755102LA	E	10/23/2014	1	ROCHESTER		Y	54AC11241/BLA	529
5962-87552012A	L	03/27/2018	3	E2V		Y	54AC244LMQB	529
5962-87552012A	L	03/27/2018	2	E2V		Y	QP54AC244LMQB	529
5962-87552012A	L	03/27/2018	3	ROCHESTER		Y	54AC244/Q2A	529
5962-87552012A	L	03/27/2018	2	TI		Y	SNJ54AC244FK	529
5962F8755201V9A	L	03/27/2018	2	STMICRO		Y	AC244DIE2V	529
5962-8755201RA	L	03/27/2018	3	E2V		Y	54AC244DMQB	529
5962-8755201RA	L	03/27/2018	2	E2V		Y	QP54AC244DMQB	529
5962-8755201RA	L	03/27/2018	3	ROCHESTER		Y	54AC244/QRA	529
5962-8755201RA	L	03/27/2018	2	TI		Y	SNJ54AC244J	529



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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8755201VRA	L	03/27/2018	2	TI		Y SNV54AC244J		529
5962F8755201RA	L	03/27/2018	2	STMICRO		Y RHFAC244D04Q		529
5962F8755201RC	L	03/27/2018	2	STMICRO		Y RHFAC244D03Q		529
5962F8755201VRA	L	03/27/2018	2	STMICRO		Y RHFAC244D04V		529
5962F8755201VRC	L	03/27/2018	2	STMICRO		Y RHFAC244D03V		529
5962-8755201SA	L	03/27/2018	3	E2V		Y 54AC244FMQB		529
5962-8755201SA	L	03/27/2018	2	E2V		Y QP54AC244FMQB		529
5962-8755201SA	L	03/27/2018	3	ROCHESTER		Y 54AC244/QSA		529
5962-8755201SA	L	03/27/2018	2	TI		Y SNJ54AC244W		529
5962-8755201VSA	L	03/27/2018	2	TI		Y SNV54AC244W		529
5962-8755201VXA	L	03/27/2018		(NONE)		54AC244 (GEN)		529
5962-8755201XA	L	03/27/2018		(NONE)		54AC244 (GEN)		529
5962F8755201VXA	L	03/27/2018	2	STMICRO		Y RHFAC244K02V		529
5962F8755201VXC	L	03/27/2018	2	STMICRO		Y RHFAC244K01V		529
5962F8755201XA	L	03/27/2018	2	STMICRO		Y RHFAC244K02Q		529
5962F8755201XC	L	03/27/2018	2	STMICRO		Y RHFAC244K01Q		529
5962F8755201VYA	L	03/27/2018	2	STMICRO		Y RHFAC244K04V		529
5962F8755201VYC	L	03/27/2018	2	STMICRO		Y RHFAC244K03V		529
5962-8755201ZA	L	03/27/2018	3	E2V		Y 54AC244WG-QML		529
5962-8755201ZA	L	03/27/2018	3	ROCHESTER		Y 54AC244/QZA		529
5962-87552023A	L	03/27/2018		(NONE)	09/15/1995	54AC11244 (GEN)		529
5962-8755202JA	L	03/27/2018		(NONE)		54AC11244 (GEN)		529
5962-8755202KA	L	03/27/2018		(NONE)		54AC11244 (GEN)		529
5962-8755202LA	L	03/27/2018		(NONE)	09/15/1995	54AC11244 (GEN)		529
5962-87553012A	D	08/22/2013	3	E2V		Y 54ACT139LMQB		289
5962-87553012A	D	08/22/2013	3A	E2V		Y QP54ACT139LMQB		289
5962-87553012A	D	08/22/2013	3	ROCHESTER		Y 54ACT139/Q2A		289
5962-8755301EA	D	08/22/2013	3	E2V		Y 54ACT139DMQB		289
5962-8755301EA	D	08/22/2013	3A	E2V		Y QP54ACT139DMQB		289
5962-8755301EA	D	08/22/2013	3	ROCHESTER		Y 54ACT139/QEA		289
5962-8755301FA	D	08/22/2013	3	E2V		Y 54ACT139FMQB		289
5962-8755301FA	D	08/22/2013	3A	E2V		Y QP54ACT139FMQB		289
5962-8755301FA	D	08/22/2013	3	ROCHESTER		Y 54ACT139/QFA		289
5962F8755302V9A	D	08/22/2013	2	STMICRO		Y ACT139DIE2V		289
5962F8755302EA	D	08/22/2013	2	STMICRO		Y RHFAC244D04Q		289
5962F8755302EC	D	08/22/2013	2	STMICRO		Y RHFAC244D03Q		289
5962F8755302VEA	D	08/22/2013	2	STMICRO		Y RHFAC244D04V		289
5962F8755302VEC	D	08/22/2013	2	STMICRO		Y RHFAC244D03V		289
5962-8755302VXA	D	08/22/2013		(NONE)		54ACT139 (GEN)		289
5962-8755302XA	D	08/22/2013		(NONE)		54ACT139 (GEN)		289
5962F8755302VXA	D	08/22/2013	2	STMICRO		Y RHFAC244K02V		289
5962F8755302VXC	D	08/22/2013	2	STMICRO		Y RHFAC244K01V		289
5962F8755302XA	D	08/22/2013	2	STMICRO		Y RHFAC244K02Q		289
5962F8755302XC	D	08/22/2013	2	STMICRO		Y RHFAC244K01Q		289
5962-87554012A	H	01/29/2019	2	E2V		Y EV54ACT138LMQB		282
5962-87554012A	H	01/29/2019	3	E2V		Y 54ACT138LMQB		282
5962-8755401B2A	H	01/29/2019	2	E2V		Y EV54ACT138B2A		282
5962-8755401B2A	H	01/29/2019	3	E2V		Y JM54ACT138B2A		282
5962-8755401B2A	H	01/29/2019	3	ROCHESTER		Y 54ACT138/B2A		282



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5962-8755401M2A	H	01/29/2019	3	E2V		Y 54ACT138LMQB		282
5962-8755401M2A	H	01/29/2019	2	E2V		Y EV54ACT138LMQB		282
5962-8755401M2A	H	01/29/2019	3	ROCHESTER		Y 54ACT138/Q2A		282
5962-8755401S2A	H	01/29/2019		(NONE)	03/05/2002	54ACT138 (GEN)		282
5962R8755401B2A	H	01/29/2019		(NONE)		54ACT138 (GEN)		282
5962R8755401S2A	H	01/29/2019	3	ROCHESTER		Y 54ACT138/S2A-R		282
5962-8755401BEA	H	01/29/2019	3	E2V		Y JM54ACT138BEA		282
5962-8755401BEA	H	01/29/2019	2	E2V		Y EV54ACT138BEA		282
5962-8755401BEA	H	01/29/2019	3	ROCHESTER		Y 54ACT138/BEA		282
5962-8755401EA	H	01/29/2019	2	E2V	5962-8755401MEA	Y EV54ACT138DMQB		282
5962-8755401EA	H	01/29/2019	3	E2V	5962-8755401MEA	Y 54ACT138DMQB		282
5962-8755401MEA	H	01/29/2019	3	E2V		Y 54ACT138DMQB		282
5962-8755401MEA	H	01/29/2019	2	E2V		Y EV54ACT138DMQB		282
5962-8755401MEA	H	01/29/2019	3	ROCHESTER		Y 54ACT138/QEA		282
5962-8755401SEA	H	01/29/2019		(NONE)		54ACT138 (GEN)		282
5962R8755401BEA	H	01/29/2019		(NONE)		54ACT138 (GEN)		282
5962R8755401SEA	H	01/29/2019	3	ROCHESTER		Y 54ACT138/SEA-R		282
5962-8755401BFA	H	01/29/2019	2	E2V		Y EV54ACT138BFA		282
5962-8755401BFA	H	01/29/2019	3	E2V		Y JM54ACT138BFA		282
5962-8755401BFA	H	01/29/2019	3	ROCHESTER		Y 54ACT138/BFA		282
5962-8755401FA	H	01/29/2019	2	E2V	5962-8755401MFA	Y EV54ACT138FMQB		282
5962-8755401FA	H	01/29/2019	3	E2V	5962-8755401MFA	Y 54ACT138FMQB		282
5962-8755401MFA	H	01/29/2019	3	E2V		Y 54ACT138FMQB		282
5962-8755401MFA	H	01/29/2019	2	E2V		Y EV54ACT138FMQB		282
5962-8755401MFA	H	01/29/2019	3	ROCHESTER		Y 54ACT138/QFA		282
5962-8755401SFA	H	01/29/2019		(NONE)		54ACT138 (GEN)		282
5962R8755401BFA	H	01/29/2019		(NONE)		54ACT138 (GEN)		282
5962R8755401SFA	H	01/29/2019	3	ROCHESTER		Y 54ACT138/SFA-R		282
5962-8755402M2A	H	01/29/2019	1	ROCHESTER		Y 54ACT11138/B2A		282
5962-8755402MEA	H	01/29/2019	1	ROCHESTER		Y 54ACT11138/BEA		282
5962-8755403QXA	H	01/29/2019		(NONE)		54ACT138 (GEN)		282
5962-8755403VXA	H	01/29/2019		(NONE)		54ACT138 (GEN)		282
5962F8755403QXA	H	01/29/2019	2	STMICRO		Y RHFACT138K02Q		282
5962F8755403QXC	H	01/29/2019	2	STMICRO		Y RHFACT138K01Q		282
5962F8755403VXA	H	01/29/2019	2	STMICRO		Y RHFACT138K02V		282
5962F8755403VXC	H	01/29/2019	2	STMICRO		Y RHFACT138K01V		282
5962F8755403VYA	H	01/29/2019	2	STMICRO		Y RHFACT138K04V		282
5962F8755403VYC	H	01/29/2019	2	STMICRO		Y RHFACT138K03V		282
5962-87555012A	H	08/28/2018	3	E2V		Y 54AC373LMQB		341
5962-87555012A	H	08/28/2018	3	ROCHESTER		Y 54AC373/Q2A		341
5962-87555012A	H	08/28/2018	3	TI		Y SNJ54AC373FK		341
5962F8755501V9A	H	08/28/2018	2	STMICRO		Y AC373DIE2V		341
5962-8755501RA	H	08/28/2018	3	E2V		Y 54AC373DMQB		341
5962-8755501RA	H	08/28/2018	3	ROCHESTER		Y 54AC373/QRA		341
5962-8755501RA	H	08/28/2018	3	TI		Y SNJ54AC373J		341
5962-8755501VRA	H	08/28/2018		(NONE)	11/28/2015	54AC373 (GEN)		341
5962F8755501RA	H	08/28/2018	2	STMICRO		Y RHFACT373D04Q		341
5962F8755501RC	H	08/28/2018	2	STMICRO		Y RHFACT373D03Q		341
5962F8755501VRA	H	08/28/2018	2	STMICRO		Y RHFACT373D04V		341

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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962F8755501VRC	H	08/28/2018	2	STMICRO		Y RHFAC373D03V		341
5962-8755501SA	H	08/28/2018	3	E2V		Y 54AC373FMQB		341
5962-8755501SA	H	08/28/2018	3	ROCHESTER		Y 54AC373/QSA		341
5962-8755501SA	H	08/28/2018	3	TI		Y SNJ54AC373W		341
5962-8755501VSA	H	08/28/2018	3	TI		Y SNV54AC373W		341
5962-8755501VXA	H	08/28/2018		(NONE)		54AC373 (GEN)		341
5962-8755501XA	H	08/28/2018		(NONE)		54AC373 (GEN)		341
5962F8755501VXA	H	08/28/2018	2	STMICRO		Y RHFAC373K02V		341
5962F8755501VXC	H	08/28/2018	2	STMICRO		Y RHFAC373K01V		341
5962F8755501XA	H	08/28/2018	2	STMICRO		Y RHFAC373K02Q		341
5962F8755501XC	H	08/28/2018	2	STMICRO		Y RHFAC373K01Q		341
5962F8755501VYA	H	08/28/2018	2	STMICRO		Y RHFAC373K04V		341
5962F8755501VYC	H	08/28/2018	2	STMICRO		Y RHFAC373K03V		341
5962-87555023A	H	08/28/2018	1	ROCHESTER		54AC11373/B2A		341
5962-8755502LA	H	08/28/2018	1	ROCHESTER		54AC11373/BLA		341
5962-87556012A	H	01/29/2019	3	ROCHESTER		Y 54ACT373/Q2A		341
5962-87556012A	H	01/29/2019	3	TI		Y SNJ54ACT373FK		341
5962-8755601RA	H	01/29/2019	3	ROCHESTER		Y 54ACT373/QRA		341
5962-8755601RA	H	01/29/2019	3	TI		Y SNJ54ACT373J		341
5962-8755601VRA	H	01/29/2019	3	TI		Y SNV54ACT373J		341
5962-8755601SA	H	01/29/2019	3	ROCHESTER		Y 54ACT373/QSA		341
5962-8755601SA	H	01/29/2019	3	TI		Y SNJ54ACT373W		341
5962-8755601VSA	H	01/29/2019		(NONE)	11/28/2015	54ACT373 (GEN)		341
5962-87556023A	H	01/29/2019		(NONE)	09/15/1995	54ACT11373 (GEN)		341
5962-8755602LA	H	01/29/2019		(NONE)	09/15/1995	54ACT11373 (GEN)		341
5962F8755603V9A	H	01/29/2019	2	STMICRO		Y ACT373DIE2V		341
5962F8755603RA	H	01/29/2019	2	STMICRO		Y RHFAC373D04Q		341
5962F8755603RC	H	01/29/2019	2	STMICRO		Y RHFAC373D03Q		341
5962F8755603VRA	H	01/29/2019	2	STMICRO		Y RHFAC373D04V		341
5962F8755603VRC	H	01/29/2019	2	STMICRO		Y RHFAC373D03V		341
5962-8755603VXA	H	01/29/2019		(NONE)		54ACT373 (GEN)		341
5962-8755603XA	H	01/29/2019		(NONE)		54ACT373 (GEN)		341
5962F8755603VXA	H	01/29/2019	2	STMICRO		Y RHFAC373K02V		341
5962F8755603VXC	H	01/29/2019	2	STMICRO		Y RHFAC373K01V		341
5962F8755603XA	H	01/29/2019	2	STMICRO		Y RHFAC373K02Q		341
5962F8755603XC	H	01/29/2019	2	STMICRO		Y RHFAC373K01Q		341
5962F8755603VYA	H	01/29/2019	2	STMICRO		Y RHFAC373K04V		341
5962F8755603VYC	H	01/29/2019	2	STMICRO		Y RHFAC373K03V		341
5962-87557012A	F	01/17/2019	1	MICROSS		Y AS10H502EC20/883C		120
5962-8755701EA	F	01/17/2019	1	MICROSS		Y AS10H502C16/883C		120
5962-8755701FA	F	01/17/2019		(NONE)	09/30/1995	10H502 (GEN)		120
5962-8755701XA	F	01/17/2019	1	MICROSS		Y AS10H502F16/883C		120
5962-87558012A	F	01/18/2019	1	E2V		Y 10H513/2A		140
5962-8755801EA	F	01/18/2019	1	E2V		Y 10H513/EA		140
5962-8755801FA	F	01/18/2019	1	E2V		Y 10H513/FA		140
5962-87559012A	C	11/20/2009		(NONE)		10H518 (GEN)		142
5962-8755901EA	C	11/20/2009		(NONE)		10H518 (GEN)		142
5962-8755901FA	C	11/20/2009		(NONE)		10H518 (GEN)		142
5962-87560012A	G	07/12/2018	0	SRI		Y GEM41701Q2A		547

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-87560012C	G	07/12/2018	0	SRI		Y GEM41701Q2C		547
5962-8756001EA	G	07/12/2018	0	SRI		Y GEM41701QEA		547
5962-8756001EC	G	07/12/2018	0	SRI		Y GEM41701QEC		547
5962-8756001FA	G	07/12/2018	0	SRI		Y GEM41701QFA		547
5962-8756001FC	G	07/12/2018	0	SRI		Y GEM41701QFC		547
5962-8756001XA	G	07/12/2018	0	SRI		Y GEM41701QXA		547
5962-8756001XC	G	07/12/2018	0	SRI		Y GEM41701QXC		547
5962-87561012A	G	02/21/2018	1	MICROSS		Y AS10H531EC20/883C		158
5962-8756101EA	G	02/21/2018	1	MICROSS		Y AS10H531C16/883C		158
5962-8756101FA	G	02/21/2018		(NONE)	09/30/1995	10H531 (GEN)		158
5962-8756101XA	G	02/21/2018	1	MICROSS		Y AS10H531F16/883C		158
5962-87562012A	C	10/18/2007		(NONE)		10H560 (GEN)		210
5962-8756201EA	C	10/18/2007		(NONE)		10H560 (GEN)		210
5962-8756201FA	C	10/18/2007		(NONE)		10H560 (GEN)		210
5962-87563012A	F	02/01/2019		SRI		Y GEM38001B2A		159
5962-87563012C	F	02/01/2019		SRI		Y GEM38001B2C		159
5962-8756301EA	F	02/01/2019		SRI		Y GEM38001QEA		159
5962-8756301EC	F	02/01/2019		SRI		Y GEM38001QEC		159
5962-8756301FA	F	02/01/2019		SRI		Y GEM38001QFA		159
5962-8756301FC	F	02/01/2019		SRI		Y GEM38001QFC		159
5962-87564012A	C	06/05/2007		(NONE)	09/30/1995	10H506 (GEN)		124
5962-8756401EA	C	06/05/2007		(NONE)	09/30/1995	10H506 (GEN)		124
5962-8756401FA	C	06/05/2007		(NONE)	09/30/1995	10H506 (GEN)		124
5962-87565012A	D	06/12/2007		(NONE)	09/30/1995	10H503 (GEN)		125
5962-8756501EA	D	06/12/2007		(NONE)	09/30/1995	10H503 (GEN)		125
5962-8756501FA	D	06/12/2007		(NONE)	09/30/1995	10H503 (GEN)		125
5962-87566012A	H	02/04/2013		(NONE)		10H558 (GEN)		275
5962-8756601EA	H	02/04/2013		(NONE)		10H558 (GEN)		275
5962-8756601FA	H	02/04/2013		(NONE)		10H558 (GEN)		275
5962-87566022A	H	02/04/2013	1C	E2V		Y QP10H558/2A		275
5962-8756602EA	H	02/04/2013	1C	E2V		Y QP10H558/EA		275
5962-8756602FA	H	02/04/2013	1C	E2V		Y QP10H558/FA		275
5962-87567012A	G	02/09/2018	1	MICROSS		Y AS10H561EC20/883C		282
5962-8756701EA	G	02/09/2018	1	MICROSS		Y AS10H561C16/883C		282
5962-8756701FA	G	02/09/2018		(NONE)	09/30/1995	10H561 (GEN)		282
5962-8756701XA	G	02/09/2018	1	MICROSS		Y AS10H561F16/883C		282
5962-87568012A	C	10/09/2009		(NONE)		10H571 (GEN)		283
5962-8756801EA	C	10/09/2009		(NONE)		10H571 (GEN)		283
5962-8756801FA	C	10/09/2009		(NONE)		10H571 (GEN)		283
5962-87569012A	D	06/12/2007		(NONE)	09/30/1995	10H609 (GEN)		149
5962-8756901EA	D	06/12/2007		(NONE)	09/30/1995	10H609 (GEN)		149
5962-8756901FA	D	06/12/2007		(NONE)	09/30/1995	10H609 (GEN)		149
5962-8757001QA	E	06/25/2007	1	ROCHESTER		Y MD8255A/BQA		421
5962-8757001XA	E	06/25/2007	1	ROCHESTER		Y MR8255A/BXA		421
5962-8757002QA	E	06/25/2007		(NONE)		8255A-5 (GEN)		421
5962-8757101XA	H	01/14/2013	2	ANALOG (2)		Y AD590JF/883B		899
5962-8757101YA	H	01/14/2013	2	ANALOG (2)		Y AD590JH/883B		899
5962-8757102VXA	H	01/14/2013		(NONE)		AD590K (GEN)		899
5962-8757102XA	H	01/14/2013	2	ANALOG (2)		Y AD590KF/883B		899

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5962-8757102VYA	H	01/14/2013		(NONE)			AD590K (GEN)	899
5962-8757102YA	H	01/14/2013	2	ANALOG (2)		Y	AD590KH/883B	899
5962-8757103VXA	H	01/14/2013		(NONE)	04/01/2014		AD590L (GEN)	899
5962-8757103XA	H	01/14/2013	2	ANALOG (2)		Y	AD590LF/883B	899
5962R8757103VXA	H	01/14/2013	2	ANALOG (4)		Y	AD590LF/QMLR	899
5962-8757103VYA	H	01/14/2013		(NONE)	04/01/2014		AD590L (GEN)	899
5962-8757103YA	H	01/14/2013	2	ANALOG (2)		Y	AD590LH/883B	899
5962R8757103VYA	H	01/14/2013	2	ANALOG (4)		Y	AD590LH/QMLR	899
5962-8757104VXA	H	01/14/2013		(NONE)	04/01/2014		AD590M (GEN)	899
5962-8757104XA	H	01/14/2013	2	ANALOG (2)		Y	AD590MF/883B	899
5962R8757104VXA	H	01/14/2013	2	ANALOG (4)		Y	AD590MF/QMLR	899
5962R8757104VXC	H	01/14/2013	2	ANALOG (4)		Y	AD590MF/QMLR	899
5962-8757104VYA	H	01/14/2013		(NONE)			AD590M (GEN)	899
5962-8757104YA	H	01/14/2013	2	ANALOG (2)		Y	AD590MH/883B	899
5962R8757104VYA	H	01/14/2013	2	ANALOG (4)		Y	AD590MH/QMLR	899
5962L8757105VYA	H	01/14/2013	2	ANALOG (4)		Y	AD590MH/QMLL	899
5962-8757201CA	F	05/03/2016		(NONE)	09/01/1997		527 (GEN)	772
5962-8757201DA	F	05/03/2016		(NONE)	09/01/1997		527 (GEN)	772
5962-8757202CA	F	05/03/2016	1	E2V		Y	529/BCA	772
5962-8757202DA	F	05/03/2016	1	E2V		Y	529/BDA	772
5962-8757203BA	F	05/03/2016	1	E2V		Y	LM161/BA	772
5962-8757203CA	F	05/03/2016	1	E2V		Y	LM161/CA	772
5962-8757203IA	F	05/03/2016	1	E2V		Y	LM161/IA	772
5962-87573013A	A	11/17/1988		(NONE)	06/30/1994		2930 (GEN)	420
5962-8757301XA	A	11/17/1988		(NONE)	06/30/1994		2930 (GEN)	420
5962-8757301YA	A	11/17/1988		(NONE)			2930 (GEN)	420
5962-8757401QA	C	12/05/2007	1	ROCHESTER		Y	2964B/BQA	423
5962-8757401UA	C	12/05/2007	1	ROCHESTER		Y	2964B/BUA	423
5962-8757501QA	B	02/08/2005	1	ROCHESTER		D	9517A/BQA	423
5962-8757502QA	B	02/08/2005	1	ROCHESTER		D	9517A-4/BQA	423
5962-8757601XA	A	12/09/1992		(NONE)			8X371 (GEN)	421
5962-87577012A	C	05/22/2015		(NONE)	03/25/2001		82C86H-5 (GEN)	590
5962-8757701RA	C	05/22/2015	1	RENESAS		Y	MD82C86H-5/883	590
5962-87577022A	C	05/22/2015		(NONE)	03/25/2001		82C87H-5 (GEN)	590
5962-8757702RA	C	05/22/2015	1	RENESAS		Y	MD82C87H-5/883	590
5962-87578012A	E	11/16/2016	1	MICROSS		Y	MTLT1007AQLS	702
5962-8757801GA	E	11/16/2016	1	MICROSS		Y	MTLT1007AQH	702
5962-8757801PA	E	11/16/2016	1	MICROSS		Y	MTLT1007AQD8	702
5962-87578022A	E	11/16/2016	1	MICROSS		Y	MTLT1007QLS	702
5962-8757802GA	E	11/16/2016	1	MICROSS		Y	MTLT1007QH	702
5962-8757802PA	E	11/16/2016	1	MICROSS		Y	MTLT1007QD8	702
5962-8757901XA	R	11/08/2010		(NONE)			BUS-63125 (GEN)	590
5962-8757901YA	R	11/08/2010		(NONE)			BUS-63125 (GEN)	590
5962-8757902TA	R	11/08/2010	1	DDC		Y	BUS-63123-140	590
5962-8757902TC	R	11/08/2010	1	DDC		Y	BUS-63123-110	590
5962-8757902XA	R	11/08/2010	1	DDC		Y	BUS-63125II	590
5962-8757902XC	R	11/08/2010	1	DDC		Y	BUS-63125II	590
5962-8757902YA	R	11/08/2010	1	DDC		Y	BUS-63126II	590
5962-8757902YC	R	11/08/2010	1	DDC		Y	BUS-63126II	590



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5962-8757903XA	R	11/08/2010		(NONE)			ARX2411 (GEN)	590
5962-8757903YA	R	11/08/2010		(NONE)			ARX2411 (GEN)	590
5962-8757904UA	R	11/08/2010		(NONE)			ARX3411 (GEN)	590
5962-8757904XA	R	11/08/2010		(NONE)			ARX3411 (GEN)	590
5962-8757904YA	R	11/08/2010		(NONE)			ARX3411 (GEN)	590
5962-8757904ZA	R	11/08/2010		(NONE)			ARX3431 (GEN)	590
5962-8757905XA	R	11/08/2010		(NONE)			NHI-1500 (GEN)	590
5962-8757905YA	R	11/08/2010		(NONE)			NHI-1500 (GEN)	590
5962-8757906XA	R	11/08/2010	1	API		Y FC1553623		590
5962-8757906XC	R	11/08/2010	1	API		Y FC1553623		590
5962-8757906YA	R	11/08/2010	1	API		Y FC1553623FP		590
5962-8757906YC	R	11/08/2010	1	API		Y FC1553623FP		590
5962-8757907XA	R	11/08/2010		(NONE)			CT1487D (GEN)	590
5962-8757907YA	R	11/08/2010		(NONE)			CT1487D (GEN)	590
5962-8757908XA	R	11/08/2010		(NONE)			MR63125M (GEN)	590
5962-8757908YA	R	11/08/2010		(NONE)			MR63125M (GEN)	590
5962-8757909XA	R	11/08/2010	1	API		Y FC1553621		590
5962-8757909XC	R	11/08/2010	1	API		Y FC1553621		590
5962-8757909YA	R	11/08/2010	1	API		Y FC1553621FP		590
5962-8757909YC	R	11/08/2010	1	API		Y FC1553621FP		590
5962-8757910XA	R	11/08/2010	1	AEROFLEX		Y ACT4487-D		590
5962-8757910XC	R	11/08/2010	1	AEROFLEX		Y ACT4487-D		590
5962-8757910YA	R	11/08/2010	1	AEROFLEX		Y ACT4487-DF		590
5962-8757910YC	R	11/08/2010	1	AEROFLEX		Y ACT4487-DF		590
5962-87590012A	D	02/27/2017	0	SRI		Y GEM41001Q2A		305
5962-87590012C	D	02/27/2017	0	SRI		Y GEM41001Q2C		305
5962-8759001EA	D	02/27/2017	0	SRI		Y GEM41001QEA		305
5962-8759001EC	D	02/27/2017	0	SRI		Y GEM41001QEC		305
5962-8759001FA	D	02/27/2017	0	SRI		Y GEM41001QFA		305
5962-8759001FC	D	02/27/2017	0	SRI		Y GEM41001QFC		305
5962-87591013C	E	12/11/2018		(NONE)			AD7572 (GEN)	592
5962-8759101LA	E	12/11/2018		ANALOG (3)		Y AD7572SQ12/883B		592
5962-87591023A	E	12/11/2018		(NONE)			AD7572T (GEN)	592
5962-8759102LA	E	12/11/2018		(NONE)			AD7572T (GEN)	592
5962-87591033A	E	12/11/2018		(NONE)			AD7572U (GEN)	592
5962-8759103LA	E	12/11/2018		(NONE)			AD7572U (GEN)	592
5962-87591043A	E	12/11/2018	1	ANALOG (3)		Y AD7572SE05/883B		592
5962-8759104LA	E	12/11/2018		ANALOG (3)		Y AD7572SQ05/883B		592
5962-87591053A	E	12/11/2018	1	ANALOG (3)		Y AD7572TE05/883B		592
5962-8759105LA	E	12/11/2018		ANALOG (3)		Y AD7572TQ05/883B		592
5962-87591063A	E	12/11/2018		(NONE)			AD7572U (GEN)	592
5962-8759106LA	E	12/11/2018		(NONE)			AD7572U (GEN)	592
5962-8759201KA	D	05/10/2017		(NONE)			9150-25 (GEN)	612
5962-8759201LA	D	05/10/2017		(NONE)			9150-25 (GEN)	612
5962-8759201XA	D	05/10/2017		(NONE)			9150-25 (GEN)	612
5962-8759202KA	D	05/10/2017		(NONE)			9150-35 (GEN)	612
5962-8759202LA	D	05/10/2017		(NONE)			9150-35 (GEN)	612
5962-8759202XA	D	05/10/2017		(NONE)			9150-35 (GEN)	612
5962-8759203KA	D	05/10/2017		(NONE)			9150-45 (GEN)	612

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5962-8759203LA	D	05/10/2017		(NONE)			9150-45 (GEN)	612
5962-8759203XA	D	05/10/2017		(NONE)			9150-45 (GEN)	612
5962-8759301QA	D	06/18/2015	1	ROCHESTER		Y	MD8155H/BQA	610
5962-8759302QA	D	06/18/2015		(NONE)			8156 (GEN)	610
5962-87594012A	G	02/04/2014		(NONE)	12/03/2008		LM185 (GEN)	785
5962-8759401VXA	G	02/04/2014		(NONE)	07/19/2017		LM185-1.2 (GEN)	785
5962-8759401XA	G	02/04/2014	3	TI		Y	LM185H-1.2/883	785
5962-8759401VYA	G	02/04/2014		(NONE)	07/19/2017		LM185-1.2 (GEN)	785
5962-8759401YA	G	02/04/2014	3	TI		Y	LM185WG-1.2/883	785
5962-87594022A	G	02/04/2014		(NONE)	03/09/1999		LM185-2.5 (GEN)	785
5962-8759402XA	G	02/04/2014	3	TI		Y	LM185H-2.5/883	785
5962-8759402VYA	G	02/04/2014		(NONE)	12/03/2008		LM185 (GEN)	785
5962-8759402YA	G	02/04/2014	3	TI		Y	LM185WG-2.5/883	785
5962-8759403XA	G	02/04/2014		(NONE)			LM185BX1.2 (GEN)	785
5962-8759404XA	G	02/04/2014		(NONE)			LM185BX2.5 (GEN)	785
5962-8759405XA	G	02/04/2014	3	TI		Y	LM185BYH1.2/883	785
5962-8759406VXA	G	02/04/2014	3	TI		Y	LM185BYH2.5-QV	785
5962-8759406XA	G	02/04/2014		(NONE)	03/05/2008		LM185BYH2.5 (GEN)	785
5962R8759461VXA	G	02/04/2014	3	TI		Y	LM185H-1.2RLQV	785
5962R8759461VYA	G	02/04/2014	3	TI		Y	LM185WG-1.2RLQV	785
5962-87595013A	D	11/13/2018		(NONE)	11/28/2015		54AS646 (GEN)	590
5962-8759501KA	D	11/13/2018		(NONE)	11/28/2015		54AS646 (GEN)	590
5962-8759501LA	D	11/13/2018	2	TI			SNJ54AS646JT	590
5962-87596012A	D	04/05/2017	1	ROCHESTER		Y	26LS34/B2A	575
5962-8759601EA	D	04/05/2017	1	ROCHESTER		Y	26LS34/BEA	575
5962-8759601FA	D	04/05/2017	1	ROCHESTER		Y	26LS34/BFA	575
5962-8759701XA	C	10/13/2016	1	E2V		Y	9519A/XA	420
5962-8759701XA	C	10/13/2016	1	ROCHESTER		Y	9519A/BXA	420
5962-8759701YA	C	10/13/2016	1	E2V		Y	9519A/YA	420
5962-8759701YA	C	10/13/2016	1	ROCHESTER		Y	9519A/BYA	420
5962-8759801EA	A	09/22/2006		(NONE)			3183A (GEN)	790
5962-87600013A	A	10/02/2006		(NONE)			TDC1048 (GEN)	592
5962-8760001XA	A	10/02/2006		(NONE)			TDC1048 (GEN)	592
5962-8760201UA	A	07/26/1988		(NONE)			2960 (GEN)	355
5962-8760201XA	A	07/26/1988		(NONE)	06/30/1994		2960 (GEN)	355
5962-8760201YA	A	07/26/1988		(NONE)			2960 (GEN)	355
5962-8760201ZA	A	07/26/1988		(NONE)			2960 (GEN)	355
5962-87603013A	B	11/02/1992		(NONE)	08/04/1995		29C841 (GEN)	342
5962-8760301KA	B	11/02/1992		(NONE)	08/04/1995		29C841 (GEN)	342
5962-8760301LA	B	11/02/1992		(NONE)	08/04/1995		29C841 (GEN)	342
5962-87603023A	B	11/02/1992		(NONE)	08/04/1995		29C843 (GEN)	342
5962-8760302KA	B	11/02/1992		(NONE)	08/04/1995		29C843 (GEN)	342
5962-8760302LA	B	11/02/1992		(NONE)	08/04/1995		29C843 (GEN)	342
5962-8760303LA	B	11/02/1992		(NONE)			29C941 (GEN)	342
5962-8760304LA	B	11/02/1992		(NONE)			29C943 (GEN)	342
5962-87603053A	B	11/02/1992		(NONE)			29C841A (GEN)	342
5962-8760305KA	B	11/02/1992		(NONE)			29C841A (GEN)	342
5962-8760305LA	B	11/02/1992		(NONE)			29C841A (GEN)	342
5962-87603063A	B	11/02/1992		(NONE)			29C843A (GEN)	342



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5962-8760306KA	B	11/02/1992		(NONE)			29C843A (GEN)	342
5962-8760306LA	B	11/02/1992		(NONE)			29C843A (GEN)	342
5962-8760401GA	H	04/16/2018	1	TI		Y	LM10H/883	899
5962-8760401PA	H	04/16/2018		(NONE)	03/30/2001		LM10 (GEN)	899
5962-8760501IA	E	11/29/2016	1	ROCHESTER		Y	LM104H/883	781
5962-8760601CA	D	06/03/2016	1	ROCHESTER		Y	LM110J/883	711
5962-8760601GA	D	06/03/2016	1	ROCHESTER		Y	LM110H/883	711
5962-8760601PA	D	06/03/2016	1	ROCHESTER		Y	LM110J-8/883	711
5962-8760701GA	C	01/22/2013		(NONE)			LM131A (GEN)	593
5962-8760801GA	H	01/16/2018	1	TI		Y	LF198H/883	818
5962-8760801QZA	H	01/16/2018		(NONE)	12/01/2009		LF198 (GEN)	818
5962-8760801VZA	H	01/16/2018	1	TI		Y	LF198WG-QMLV	818
5962-8760802PA	H	01/16/2018		(NONE)			5537 (GEN)	818
5962-87609012A	G	03/22/2018	3	E2V		Y	54AC04LMQB	143
5962-87609012A	G	03/22/2018	3	ROCHESTER		Y	54AC04/Q2A	143
5962-87609012A	G	03/22/2018	3	TI		Y	SNJ54AC04FK	143
5962F8760901V9A	G	03/22/2018	2	STMICRO		Y	AC04DIE2V	143
5962-8760901CA	G	03/22/2018	3	E2V		Y	54AC04DMQB	143
5962-8760901CA	G	03/22/2018	3	ROCHESTER		Y	54AC04/QCA	143
5962-8760901CA	G	03/22/2018	3	TI		Y	SNJ54AC04J	143
5962F8760901CA	G	03/22/2018	2	STMICRO		Y	RHFAC04D04Q	143
5962F8760901CC	G	03/22/2018	2	STMICRO		Y	RHFAC04D03Q	143
5962F8760901VCA	G	03/22/2018	2	STMICRO		Y	RHFAC04D04V	143
5962F8760901VCC	G	03/22/2018	2	STMICRO		Y	RHFAC04D03V	143
5962-8760901DA	G	03/22/2018	3	E2V		Y	54AC04FMQB	143
5962-8760901DA	G	03/22/2018	3	ROCHESTER		Y	54AC04/QDA	143
5962-8760901DA	G	03/22/2018	3	TI		Y	SNJ54AC04W	143
5962-8760901VXA	G	03/22/2018		(NONE)			54AC04 (GEN)	143
5962-8760901XA	G	03/22/2018		(NONE)			54AC04 (GEN)	143
5962F8760901VXA	G	03/22/2018	2	STMICRO		Y	RHFAC04K02V	143
5962F8760901VXC	G	03/22/2018	2	STMICRO		Y	RHFAC04K01V	143
5962F8760901XA	G	03/22/2018	2	STMICRO		Y	RHFAC04K02Q	143
5962F8760901XC	G	03/22/2018	2	STMICRO		Y	RHFAC04K01Q	143
5962F8760901VYA	G	03/22/2018	2	STMICRO		Y	RHFAC04K04V	143
5962F8760901VYC	G	03/22/2018	2	STMICRO		Y	RHFAC04K03V	143
5962-87609022A	G	03/22/2018	1	ROCHESTER		Y	54AC11004/B2A	143
5962-8760902RA	G	03/22/2018	1	ROCHESTER		Y	54AC11004/BRA	143
5962-8760902SA	G	03/22/2018	1	ROCHESTER		Y	54AC11004/BSA	143
5962-87610012A	E	02/22/2019	3	E2V		Y	54AC10LMQB	102
5962-87610012A	E	02/22/2019	3	ROCHESTER		Y	54AC10/Q2A	102
5962-87610012A	E	02/22/2019	2	TI		Y	SNJ54AC10FK	102
5962-8761001CA	E	02/22/2019	3	E2V		Y	54AC10DMQB	102
5962-8761001CA	E	02/22/2019	3	ROCHESTER		Y	54AC10/QCA	102
5962-8761001CA	E	02/22/2019	2	TI		Y	SNJ54AC10J	102
5962F8761001CA	E	02/22/2019	2	STMICRO		Y	RHFAC10D04Q	102
5962F8761001CC	E	02/22/2019	2	STMICRO		Y	RHFAC10D03Q	102
5962F8761001VCA	E	02/22/2019	2	STMICRO		Y	RHFAC10D04V	102
5962F8761001VCC	E	02/22/2019	2	STMICRO		Y	RHFAC10D03V	102
5962-8761001DA	E	02/22/2019	3	E2V		Y	54AC10FMQB	102

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5962-8761001DA	E	02/22/2019	3	ROCHESTER		Y 54AC10/QDA		102
5962-8761001DA	E	02/22/2019	2	TI		Y SNJ54AC10W		102
5962-8761001VXA	E	02/22/2019		(NONE)		54AC10 (GEN)		102
5962-8761001XA	E	02/22/2019		(NONE)		54AC10 (GEN)		102
5962F8761001VXA	E	02/22/2019	2	STMICRO		Y RHFAC10K02V		102
5962F8761001VXC	E	02/22/2019	2	STMICRO		Y RHFAC10K01V		102
5962F8761001XA	E	02/22/2019	2	STMICRO		Y RHFAC10K02Q		102
5962F8761001XC	E	02/22/2019	2	STMICRO		Y RHFAC10K01Q		102
5962F8761001VYA	E	02/22/2019	2	STMICRO		Y RHFAC10K04V		102
5962F8761001VYC	E	02/22/2019	2	STMICRO		Y RHFAC10K03V		102
5962-87610022A	E	02/22/2019		(NONE)	09/15/1995	54AC11010 (GEN)		102
5962-8761002EA	E	02/22/2019		(NONE)	09/15/1995	54AC11010 (GEN)		102
5962-8761002FA	E	02/22/2019		(NONE)	09/15/1995	54AC11010 (GEN)		102
5962-87611012A	F	11/21/2018	3	E2V		Y 54AC11LMQB		112
5962-87611012A	F	11/21/2018	3	ROCHESTER		Y 54AC11/Q2A		112
5962-87611012A	F	11/21/2018	2	TI		Y SNJ54AC11FK		112
5962-8761101CA	F	11/21/2018	3	E2V		Y 54AC11DMQB		112
5962-8761101CA	F	11/21/2018	3	ROCHESTER		Y 54AC11/QCA		112
5962-8761101CA	F	11/21/2018	2	TI		Y SNJ54AC11J		112
5962F8761101CA	F	11/21/2018	2	STMICRO		Y RHFAC11D04Q		112
5962F8761101CC	F	11/21/2018	2	STMICRO		Y RHFAC11D03Q		112
5962F8761101VCA	F	11/21/2018	2	STMICRO		Y RHFAC11D04V		112
5962F8761101VCC	F	11/21/2018	2	STMICRO		Y RHFAC11D03V		112
5962-8761101DA	F	11/21/2018	3	E2V		Y 54AC11FMQB		112
5962-8761101DA	F	11/21/2018	3	ROCHESTER		Y 54AC11/QDA		112
5962-8761101DA	F	11/21/2018	2	TI		Y SNJ54AC11W		112
5962-8761101VXA	F	11/21/2018		(NONE)		54AC11 (GEN)		112
5962-8761101XA	F	11/21/2018		(NONE)		54AC11 (GEN)		112
5962F8761101VXA	F	11/21/2018	2	STMICRO		Y RHFAC11K02V		112
5962F8761101VXC	F	11/21/2018	2	STMICRO		Y RHFAC11K01V		112
5962F8761101XA	F	11/21/2018	2	STMICRO		Y RHFAC11K02Q		112
5962F8761101XC	F	11/21/2018	2	STMICRO		Y RHFAC11K01Q		112
5962F8761101VYA	F	11/21/2018	2	STMICRO		Y RHFAC11K04V		112
5962F8761101VYC	F	11/21/2018	2	STMICRO		Y RHFAC11K03V		112
5962-87611022A	F	11/21/2018	1	ROCHESTER		54AC11011/B2A		112
5962-8761102EA	F	11/21/2018	1	ROCHESTER		54AC11011/BEA		112
5962-8761102FA	F	11/21/2018	1	ROCHESTER		54AC11011/BFA		112
5962-87612012A	H	10/24/2018	2	E2V		Y 54AC02LMQB		120
5962-87612012A	H	10/24/2018	3B	ROCHESTER		Y 54AC02/Q2A		120
5962F87612019A	H	10/24/2018		(NONE)		54AC02 (GEN)		120
5962F8761201V9A	H	10/24/2018	2	STMICRO		Y AC02DIE2V		120
5962-8761201CA	H	10/24/2018	2	E2V		Y 54AC02DMQB		120
5962-8761201CA	H	10/24/2018	3B	ROCHESTER		Y 54AC02/QCA		120
5962F8761201CA	H	10/24/2018	2	STMICRO		Y RHFAC02D04Q		120
5962F8761201CC	H	10/24/2018	2	STMICRO		Y RHFAC02D03Q		120
5962F8761201VCA	H	10/24/2018	2	STMICRO		Y RHFAC02D04V		120
5962F8761201VCC	H	10/24/2018	2	STMICRO		Y RHFAC02D03V		120
5962-8761201DA	H	10/24/2018	2	E2V		Y 54AC02FMQB		120
5962-8761201DA	H	10/24/2018	3B	ROCHESTER		Y 54AC02/QDA		120

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5962-8761201VXA	H	10/24/2018		(NONE)		54AC02 (GEN)		120
5962-8761201XA	H	10/24/2018		(NONE)		54AC02 (GEN)		120
5962F8761201VXA	H	10/24/2018	2	STMICRO		Y RHFAC02K02V		120
5962F8761201VXC	H	10/24/2018	2	STMICRO		Y RHFAC02K01V		120
5962F8761201XA	H	10/24/2018	2	STMICRO		Y RHFAC02K02Q		120
5962F8761201XC	H	10/24/2018	2	STMICRO		Y RHFAC02K01Q		120
5962F8761201VYA	H	10/24/2018	2	STMICRO		Y RHFAC02K04V		120
5962F8761201VYC	H	10/24/2018	2	STMICRO		Y RHFAC02K03V		120
5962-87612022A	H	10/24/2018		(NONE)	09/15/1995	54AC11002 (GEN)		120
5962-8761202EA	H	10/24/2018		(NONE)	09/15/1995	54AC11002 (GEN)		120
5962-8761202FA	H	10/24/2018		(NONE)	09/15/1995	54AC11002 (GEN)		120
5962-8761203VCA	H	10/24/2018	3A	TI		Y SNV54AC02J-SP		120
5962-8761203VDA	H	10/24/2018	3A	TI		Y SNV54AC02W-SP		120
5962-87613012A	D	04/23/2014	2	E2V		Y 54AC20LMQB		104
5962-87613012A	D	04/23/2014	2	ROCHESTER		Y 54AC20/Q2A		104
5962-8761301CA	D	04/23/2014	2	E2V		Y 54AC20DMQB		104
5962-8761301CA	D	04/23/2014	2	ROCHESTER		Y 54AC20/QCA		104
5962-8761301DA	D	04/23/2014	2	E2V		Y 54AC20FMQB		104
5962-8761301DA	D	04/23/2014	2	ROCHESTER		Y 54AC20/QDA		104
5962-87613022A	D	04/23/2014		(NONE)	09/15/1995	54AC11020 (GEN)		104
5962-8761302CA	D	04/23/2014		(NONE)	09/15/1995	54AC11020 (GEN)		104
5962-8761302DA	D	04/23/2014		(NONE)	09/15/1995	54AC11020 (GEN)		104
5962-8761303VCA	D	04/23/2014	3A	TI		Y SNV54AC20J-SP		
5962-8761303VDA	D	04/23/2014	3A	TI		Y SNV54AC20W-SP		
5962-8761303VXA	D	04/23/2014		(NONE)		54AC20 (GEN)		104
5962-8761303XA	D	04/23/2014		(NONE)		54AC20 (GEN)		104
5962-87614012A	K	03/27/2018	3	E2V		Y 54AC32LMQB		125
5962-87614012A	K	03/27/2018	2	E2V		Y EV54AC32LMQB		125
5962-87614012A	K	03/27/2018	3	ROCHESTER		Y 54AC32/Q2A		125
5962-87614012A	K	03/27/2018	2	TI		Y SNJ54AC32FK		125
5962F8761401V9A	K	03/27/2018	2	STMICRO		Y AC32DIE2V		125
5962-8761401CA	K	03/27/2018	3	E2V		Y 54AC32DMQB		125
5962-8761401CA	K	03/27/2018	2	E2V		Y EV54AC32DMQB		125
5962-8761401CA	K	03/27/2018	3	ROCHESTER		Y 54AC32/QCA		125
5962-8761401CA	K	03/27/2018	2	TI		Y SNJ54AC32J		125
5962F8761401CA	K	03/27/2018	2	STMICRO		Y RHFAC32D04Q		125
5962F8761401CC	K	03/27/2018	2	STMICRO		Y RHFAC32D03Q		125
5962F8761401VCA	K	03/27/2018	2	STMICRO		Y RHFAC32D04V		125
5962F8761401VCC	K	03/27/2018	2	STMICRO		Y RHFAC32D03V		125
5962-8761401DA	K	03/27/2018	3	E2V		Y 54AC32FMQB		125
5962-8761401DA	K	03/27/2018	2	E2V		Y EV54AC32FMQB		125
5962-8761401DA	K	03/27/2018	3	ROCHESTER		Y 54AC32/QDA		125
5962-8761401DA	K	03/27/2018	2	TI		Y SNJ54AC32W		125
5962-8761401VDA	K	03/27/2018		(NONE)		54AC32 (GEN)		125
5962-8761401VXA	K	03/27/2018		(NONE)		54AC32 (GEN)		125
5962-8761401XA	K	03/27/2018		(NONE)		54AC32 (GEN)		125
5962F8761401VXA	K	03/27/2018	2	STMICRO		Y RHFAC32K02V		125
5962F8761401VXC	K	03/27/2018	2	STMICRO		Y RHFAC32K01V		125
5962F8761401XA	K	03/27/2018	2	STMICRO		Y RHFAC32K02Q		125

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5962F8761401XC	K	03/27/2018	2	STMICRO		Y RHFAC32K01Q		125
5962F8761401VYA	K	03/27/2018	2	STMICRO		Y RHFAC32K04V		125
5962F8761401VYC	K	03/27/2018	2	STMICRO		Y RHFAC32K03V		125
5962-87614022A	K	03/27/2018	1	ROCHESTER		Y 54AC11032/B2A		125
5962-8761402EA	K	03/27/2018	1	ROCHESTER		Y 54AC11032/BEA		125
5962-87615012A	G	03/27/2018	3	E2V		Y 54AC08LMQB		110
5962-87615012A	G	03/27/2018	3	ROCHESTER		Y 54AC08/Q2A		110
5962-87615012A	G	03/27/2018	2	TI		Y SNJ54AC08FK		110
5962F8761501V9A	G	03/27/2018	2	STMICRO		Y AC08DIE2V		110
5962-8761501CA	G	03/27/2018	3	E2V		Y 54AC08DMQB		110
5962-8761501CA	G	03/27/2018	3	ROCHESTER		Y 54AC08/QCA		110
5962-8761501CA	G	03/27/2018	2	TI		Y SNJ54AC08J		110
5962F8761501CA	G	03/27/2018	2	STMICRO		Y RHFAC08D04Q		110
5962F8761501CC	G	03/27/2018	2	STMICRO		Y RHFAC08D03Q		110
5962F8761501VCA	G	03/27/2018	2	STMICRO		Y RHFAC08D04V		110
5962F8761501VCC	G	03/27/2018	2	STMICRO		Y RHFAC08D03V		110
5962-8761501DA	G	03/27/2018	3	E2V		Y 54AC08FMQB		110
5962-8761501DA	G	03/27/2018	3	ROCHESTER		Y 54AC08/QDA		110
5962-8761501DA	G	03/27/2018	2	TI		Y SNJ54AC08W		110
5962-8761501VXA	G	03/27/2018		(NONE)		54AC08 (GEN)		110
5962-8761501XA	G	03/27/2018		(NONE)		54AC08 (GEN)		110
5962F8761501VXA	G	03/27/2018	2	STMICRO		Y RHFAC08K02V		110
5962F8761501VXC	G	03/27/2018	2	STMICRO		Y RHFAC08K01V		110
5962F8761501XA	G	03/27/2018	2	STMICRO		Y RHFAC08K02Q		110
5962F8761501XC	G	03/27/2018	2	STMICRO		Y RHFAC08K01Q		110
5962F8761501VYA	G	03/27/2018	2	STMICRO		Y RHFAC08K04V		110
5962F8761501VYC	G	03/27/2018	2	STMICRO		Y RHFAC08K03V		110
5962-87615022A	G	03/27/2018	1	ROCHESTER		Y 54AC11008/B2A		110
5962-8761502EA	G	03/27/2018	1	ROCHESTER		Y 54AC11008/BEA		110
5962-87616012A	C	07/05/2017	1	ROCHESTER		Y 26LS32B/B2A		575
5962-8761601EA	C	07/05/2017	1	ROCHESTER		Y 26LS32B/BEA		575
5962-8761601FA	C	07/05/2017	1	ROCHESTER		Y 26LS32B/BFA		575
5962-8761701XA	G	05/20/2013	1	API		Y 11563-DESC		509
5962-8761701XA	G	05/20/2013	1	MICROPAC		Y 51992		509
5962-8761701XC	G	05/20/2013	1	ANAREN		Y MSK 0006H		509
5962-8761701XC	G	05/20/2013	1	API		Y 11563-DESC		509
5962-8761701XC	G	05/20/2013	1	MICROPAC		Y 51992		509
5962-8761701YA	G	05/20/2013	1	API		Y 11105-DESC		509
5962-8761701YC	G	05/20/2013	1	API		Y 11105-DESC		509
5962-8761702XA	G	05/20/2013		(NONE)		MSK 0008 (GEN)		509
5962-8761702XC	G	05/20/2013	1	ANAREN		Y MSK 0008H		509
5962-8761703XC	G	05/20/2013	1	ANAREN		Y MSK 0006H		509
5962-8761704XC	G	05/20/2013	1	ANAREN		Y MSK 0008H		509
5962-8761801VA	B	10/10/2006		(NONE)	12/24/2000	HI-524 (GEN)		199
5962-87619012A	J	04/01/2016	1	TI		Y UC1707L/81032		787
5962-8761901V2A	J	04/01/2016	1	TI		Y UC1707LQMLV		787
5962-8761901EA	J	04/01/2016	1	TI		Y UC1707J/80900		787
5962-8761901VEA	J	04/01/2016	1	TI		Y UC1707JQMLV		787
5962-8761902NXB	J	04/01/2016		(NONE)		UC2707 (GEN)		787



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5962-8761902NYB	J	04/01/2016		(NONE)			UC2707 (GEN)	787
5962-8761903V2A	J	04/01/2016	1	TI		Y	UC1707L-SP	787
5962-8761903VEA	J	04/01/2016	1	TI		Y	UC1707J-SP	787
5962-8761903VFA	J	04/01/2016	1	TI		Y	UC1707W-SP	787
5962-8762001XA	F	12/15/2014	1	MICROPAC		Y	42106	753
5962-8762001XC	F	12/15/2014	1	MICROPAC		Y	42106	753
5962-8762001YA	F	12/15/2014	1	APEX		Y	PA51M-1/883	753
5962-8762002XA	F	12/15/2014	1	MICROPAC		Y	42106-1	753
5962-8762002XC	F	12/15/2014	1	MICROPAC		Y	42106-1	753
5962-8762002YA	F	12/15/2014	1	APEX		Y	PA51M/883	753
5962-87621012A	C	06/27/2017		(NONE)	11/28/2015		54LS592 (GEN)	304
5962-8762101EA	C	06/27/2017	1	TI		Y	SNJ54LS592J	304
5962-8762101FA	C	06/27/2017	1	TI		Y	SNJ54LS592W	304
5962-87622012A	G	11/15/2018	3	E2V		Y	54AC138LMQB	282
5962-87622012A	G	11/15/2018	3A	E2V		Y	EV54AC138LMQB	282
5962-87622012A	G	11/15/2018	3	ROCHESTER		Y	54AC138/Q2A	282
5962F8762201V9A	G	11/15/2018	2	STMICRO		Y	AC138DIE2V	282
5962-8762201EA	G	11/15/2018	3	E2V		Y	54AC138DMQB	282
5962-8762201EA	G	11/15/2018	3A	E2V		Y	EV54AC138DMQB	282
5962-8762201EA	G	11/15/2018	3	ROCHESTER		Y	54AC138/QEA	282
5962F8762201EA	G	11/15/2018	2	STMICRO		Y	RHFAC138D04Q	282
5962F8762201EC	G	11/15/2018	2	STMICRO		Y	RHFAC138D03Q	282
5962F8762201VEA	G	11/15/2018	2	STMICRO		Y	RHFAC138D04V	282
5962F8762201VEC	G	11/15/2018	2	STMICRO		Y	RHFAC138D03V	282
5962-8762201FA	G	11/15/2018	3	E2V		Y	54AC138FMQB	282
5962-8762201FA	G	11/15/2018	3A	E2V		Y	EV54AC138FMQB	282
5962-8762201FA	G	11/15/2018	3	ROCHESTER		Y	54AC138/QFA	282
5962-8762201VXA	G	11/15/2018		(NONE)			54AC138 (GEN)	282
5962-8762201XA	G	11/15/2018		(NONE)			54AC138 (GEN)	282
5962F8762201VXA	G	11/15/2018	2	STMICRO		Y	RHFAC138K02V	282
5962F8762201VXC	G	11/15/2018	2	STMICRO		Y	RHFAC138K01V	282
5962F8762201XA	G	11/15/2018	2	STMICRO		Y	RHFAC138K02Q	282
5962F8762201XC	G	11/15/2018	2	STMICRO		Y	RHFAC138K01Q	282
5962F8762201VYA	G	11/15/2018	2	STMICRO		Y	RHFAC138K04V	282
5962F8762201VYC	G	11/15/2018	2	STMICRO		Y	RHFAC138K03V	282
5962-87623012A	D	02/22/2019	3	E2V		Y	54AC139LMQB	283
5962-87623012A	D	02/22/2019	3	ROCHESTER		Y	54AC139/Q2A	283
5962-8762301EA	D	02/22/2019	3	E2V		Y	54AC139DMQB	283
5962-8762301EA	D	02/22/2019	3	ROCHESTER		Y	54AC139/QEA	283
5962-8762301FA	D	02/22/2019	3	E2V		Y	54AC139FMQB	283
5962-8762301FA	D	02/22/2019	3	ROCHESTER		Y	54AC139/QFA	283
5962-8762301VXA	D	02/22/2019		(NONE)			54AC139 (GEN)	283
5962-8762301XA	D	02/22/2019		(NONE)			54AC139 (GEN)	283
5962F8762301VXA	D	02/22/2019	2	STMICRO		Y	RHFAC139K02V	283
5962F8762301VXC	D	02/22/2019	2	STMICRO		Y	RHFAC139K01V	283
5962F8762301XA	D	02/22/2019	2	STMICRO		Y	RHFAC139K02Q	283
5962F8762301XC	D	02/22/2019	2	STMICRO		Y	RHFAC139K01Q	283
5962F8762301VYA	D	02/22/2019	2	STMICRO		Y	RHFAC139K04V	283
5962F8762301VYC	D	02/22/2019	2	STMICRO		Y	RHFAC139K03V	283

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5962-87624012A	J	06/12/2018	3	E2V		Y 54AC14LMQB		143
5962-87624012A	J	06/12/2018	2	E2V		Y EV54AC14LMQB		143
5962-87624012A	J	06/12/2018	3	ROCHESTER		Y 54AC14/Q2A		143
5962-87624012A	J	06/12/2018	3	TI		Y SNJ54AC14FK		143
5962F87624019A	J	06/12/2018		(NONE)		54AC14 (GEN)		143
5962F8762401V9A	J	06/12/2018	2	STMICRO		Y AC14DIE2V		143
5962-8762401CA	J	06/12/2018	3	E2V		Y 54AC14DMQB		143
5962-8762401CA	J	06/12/2018	2	E2V		Y EV54AC14DMQB		143
5962-8762401CA	J	06/12/2018	3	ROCHESTER		Y 54AC14/QCA		143
5962-8762401CA	J	06/12/2018	3	TI		Y SNJ54AC14J		143
5962-8762401VCA	J	06/12/2018	3	TI		Y SNV54AC14J		143
5962F8762401CA	J	06/12/2018	2	STMICRO		Y RHFAC14D04Q		143
5962F8762401CC	J	06/12/2018	2	STMICRO		Y RHFAC14D03Q		143
5962F8762401VCA	J	06/12/2018	2	STMICRO		Y RHFAC14D04V		143
5962F8762401VCC	J	06/12/2018	2	STMICRO		Y RHFAC14D03V		143
5962-8762401DA	J	06/12/2018	3	E2V		Y 54AC14FMQB		143
5962-8762401DA	J	06/12/2018	2	E2V		Y EV54AC14FMQB		143
5962-8762401DA	J	06/12/2018	3	ROCHESTER		Y 54AC14/QDA		143
5962-8762401DA	J	06/12/2018	3	TI		Y SNJ54AC14W		143
5962-8762401VDA	J	06/12/2018	3	TI		Y SNV54AC14W		143
5962-8762401VXA	J	06/12/2018		(NONE)		54AC14 (GEN)		143
5962-8762401XA	J	06/12/2018		(NONE)		54AC14 (GEN)		143
5962F8762401VXA	J	06/12/2018	2	STMICRO		Y RHFAC14K02V		143
5962F8762401VXC	J	06/12/2018	2	STMICRO		Y RHFAC14K01V		143
5962F8762401XA	J	06/12/2018	2	STMICRO		Y RHFAC14K02Q		143
5962F8762401XC	J	06/12/2018	2	STMICRO		Y RHFAC14K01Q		143
5962F8762401VYA	J	06/12/2018	2	STMICRO		Y RHFAC14K04V		143
5962F8762401VYC	J	06/12/2018	2	STMICRO		Y RHFAC14K03V		143
5962-8762402VCA	J	06/12/2018	1B	TI		Y SNV54AC14J-SP		143
5962-8762402VDA	J	06/12/2018	1B	TI		Y SNV54AC14W-SP		143
5962F8762403V9A	J	06/12/2018	2	STMICRO		Y AC14ADIE2V		143
5962F8762403VXA	J	06/12/2018	2	STMICRO		Y RHFAC14AK02V		143
5962F8762403VXC	J	06/12/2018	2	STMICRO		Y RHFAC14AK01V		143
5962F8762403VYA	J	06/12/2018	2	STMICRO		Y RHFAC14AK04V		143
5962F8762403VYC	J	06/12/2018	2	STMICRO		Y RHFAC14AK03V		143
5962-87625012A	C	11/27/2012	2	E2V		Y 54AC153LMQB		273
5962-87625012A	C	11/27/2012	2	ROCHESTER		Y 54AC153/Q2A		273
5962-8762501EA	C	11/27/2012	2	E2V		Y 54AC153DMQB		273
5962-8762501EA	C	11/27/2012	2	ROCHESTER		Y 54AC153/QEA		273
5962-8762501FA	C	11/27/2012	2	E2V		Y 54AC153FMQB		273
5962-8762501FA	C	11/27/2012	2	ROCHESTER		Y 54AC153/QFA		273
5962-87626012A	F	02/22/2019	2	E2V		Y 54AC174LMQB		159
5962-87626012A	F	02/22/2019	2	E2V		Y EV54AC174LMQB		159
5962-87626012A	F	02/22/2019	3	ROCHESTER		Y 54AC174/Q2A		159
5962-8762601EA	F	02/22/2019	2	E2V		Y 54AC174DMQB		159
5962-8762601EA	F	02/22/2019	2	E2V		Y EV54AC174DMQB		159
5962-8762601EA	F	02/22/2019	3	ROCHESTER		Y 54AC174/QEA		159
5962-8762601FA	F	02/22/2019	2	E2V		Y 54AC174FMQB		159
5962-8762601FA	F	02/22/2019	2	E2V		Y EV54AC174FMQB		159



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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8762601FA	F	02/22/2019	3	ROCHESTER		Y 54AC174/QFA		159
5962-8762602VXA	F	02/22/2019		(NONE)		54AC174 (GEN)		159
5962-8762602XA	F	02/22/2019		(NONE)		54AC174 (GEN)		159
5962F8762602VXA	F	02/22/2019	2	STMICRO		Y RHFAC174K02V		159
5962F8762602VXC	F	02/22/2019	2	STMICRO		Y RHFAC174K01V		159
5962F8762602XA	F	02/22/2019	2	STMICRO		Y RHFAC174K02Q		159
5962F8762602XC	F	02/22/2019	2	STMICRO		Y RHFAC174K01Q		159
5962F8762602VYA	F	02/22/2019	2	STMICRO		Y RHFAC174K04V		159
5962F8762602VYC	F	02/22/2019	2	STMICRO		Y RHFAC174K03V		159
5962-87627012A	F	08/29/2017	3	E2V		Y 54FCT377LMQB		159
5962-87627012A	F	08/29/2017	2	E2V		Y QP54FCT377LMQB		159
5962-87627012A	F	08/29/2017	1B	PYRAMID		Y P54FCT377LMB		159
5962-8762701RA	F	08/29/2017	3	E2V		Y 54FCT377DMQB		159
5962-8762701RA	F	08/29/2017	2	E2V		Y QP54FCT377DMQB		159
5962-8762701RA	F	08/29/2017	1B	PYRAMID		Y P54FCT377CMB		159
5962-8762701SA	F	08/29/2017	3	E2V		Y 54FCT377FMQB		159
5962-8762701SA	F	08/29/2017	2	E2V		Y QP54FCT377FMQB		159
5962-8762701SA	F	08/29/2017	1B	PYRAMID		Y P54FCT377FSMB		159
5962-87627022A	F	08/29/2017	2	E2V		Y QP54FCT377ALMQB		159
5962-87627022A	F	08/29/2017	1B	PYRAMID		Y P54FCT377ALMB		159
5962-8762702RA	F	08/29/2017	2	E2V		Y QP54FCT377ADMQB		159
5962-8762702RA	F	08/29/2017	1B	PYRAMID		Y P54FCT377ACMB		159
5962-8762702SA	F	08/29/2017	2	E2V		Y QP54FCT377AFMQB		159
5962-8762702SA	F	08/29/2017	1B	PYRAMID		Y P54FCT377AFSMB		159
5962-87628012A	G	11/23/2016	1	E2V		Y 54FCT374LMQB		159
5962-87628012A	G	11/23/2016	1	E2V		Y IDT54FCT374LB		159
5962-87628012A	G	11/23/2016	1	PYRAMID		Y P54FCT374LMB		159
5962-8762801RA	G	11/23/2016	1	E2V		Y 54FCT374DMQB		159
5962-8762801RA	G	11/23/2016	1	E2V		Y IDT54FCT374DB		159
5962-8762801RA	G	11/23/2016	1	PYRAMID		Y P54FCT374CMB		159
5962-8762801SA	G	11/23/2016	1	E2V		Y 54FCT374FMQB		159
5962-8762801SA	G	11/23/2016	1	E2V		Y IDT54FCT374EB		159
5962-8762801SA	G	11/23/2016	1	PYRAMID		Y P54FCT374FSMB		159
5962-87628022A	G	11/23/2016	1	E2V		Y IDT54FCT374ALB		159
5962-87628022A	G	11/23/2016	1	PYRAMID		Y P54FCT374ALMB		159
5962-8762802RA	G	11/23/2016	1	E2V		Y IDT54FCT374ADB		159
5962-8762802RA	G	11/23/2016	1	PYRAMID		Y P54FCT374ACMB		159
5962-8762802SA	G	11/23/2016	1	E2V		Y IDT54FCT374AEB		159
5962-8762802SA	G	11/23/2016	1	PYRAMID		Y P54FCT374AFSMB		159
5962-87629012A	H	11/28/2016	2	E2V		Y 54FCT245LMQB		590
5962-87629012A	H	11/28/2016	2	E2V		Y QP54FCT245LMQB		590
5962-87629012A	H	11/28/2016	2	E2V		Y IDT54FCT245LB		590
5962-87629012A	H	11/28/2016	1	PYRAMID		Y P54FCT245LMB		590
5962-8762901RA	H	11/28/2016	2	E2V		Y 54FCT245DMQB		590
5962-8762901RA	H	11/28/2016	2	E2V		Y QP54FCT245DMQB		590
5962-8762901RA	H	11/28/2016	2	E2V		Y IDT54FCT245DB		590
5962-8762901RA	H	11/28/2016	1	PYRAMID		Y P54FCT245CMB		590
5962-8762901SA	H	11/28/2016	2	E2V		Y 54FCT245FMQB		590
5962-8762901SA	H	11/28/2016	2	E2V		Y IDT54FCT245EB		590

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5962-8762901SA	H	11/28/2016	2	E2V		Y QP54FCT245FMQB		590
5962-8762901SA	H	11/28/2016	1	PYRAMID		Y P54FCT245FSMB		590
5962-87629022A	H	11/28/2016	2	E2V		Y QP54FCT245LMQB		590
5962-87629022A	H	11/28/2016	2	E2V		Y IDT54FCT245ALB		590
5962-87629022A	H	11/28/2016	1	PYRAMID		Y P54FCT245ALMB		590
5962-8762902RA	H	11/28/2016	2	E2V		Y QP54FCT245DMQB		590
5962-8762902RA	H	11/28/2016	2	E2V		Y IDT54FCT245ADB		590
5962-8762902RA	H	11/28/2016	1	PYRAMID		Y P54FCT245ACMB		590
5962-8762902SA	H	11/28/2016	2	E2V		Y QP54FCT245FMQB		590
5962-8762902SA	H	11/28/2016	2	E2V		Y IDT54FCT245AEB		590
5962-8762902SA	H	11/28/2016	1	PYRAMID		Y P54FCT245AFSMB		590
5962-87630012A	G	03/14/2016	2	E2V		Y 54FCT244LMQB		529
5962-87630012A	G	03/14/2016	2	E2V		Y QP54FCT244LMQB		529
5962-87630012A	G	03/14/2016	2	E2V		Y IDT54FCT244LB		529
5962-87630012A	G	03/14/2016	1	PYRAMID		Y P54FCT244LMB		529
5962-8763001RA	G	03/14/2016	2	E2V		Y 54FCT244DMQB		529
5962-8763001RA	G	03/14/2016	2	E2V		Y QP54FCT244DMQB		529
5962-8763001RA	G	03/14/2016	2	E2V		Y IDT54FCT244DB		529
5962-8763001RA	G	03/14/2016	1	PYRAMID		Y P54FCT244CMB		529
5962-8763001SA	G	03/14/2016	2	E2V		Y IDT54FCT244EB		529
5962-8763001SA	G	03/14/2016	2	E2V		Y 54FCT244FMQB		529
5962-8763001SA	G	03/14/2016	2	E2V		Y QP54FCT244FMQB		529
5962-8763001SA	G	03/14/2016	1	PYRAMID		Y P54FCT244FSMB		529
5962-87630022A	G	03/14/2016	2	E2V		Y QP54FCT244ALB		529
5962-87630022A	G	03/14/2016	2	E2V		Y IDT54FCT244ALB		529
5962-87630022A	G	03/14/2016	1	PYRAMID		Y P54FCT244ALMB		529
5962-8763002RA	G	03/14/2016	2	E2V		Y QP54FCT244ADB		529
5962-8763002RA	G	03/14/2016	2	E2V		Y IDT54FCT244ADB		529
5962-8763002RA	G	03/14/2016	1	PYRAMID		Y P54FCT244ACMB		529
5962-8763002SA	G	03/14/2016	2	E2V		Y QP54FCT244AEB		529
5962-8763002SA	G	03/14/2016	2	E2V		Y IDT54FCT244AEB		529
5962-8763002SA	G	03/14/2016	1	PYRAMID		Y P54FCT244AFSMB		529
5962-87631012A	G	02/22/2019	2	E2V		Y 54ACT374LMQB		159
5962-87631012A	G	02/22/2019	2	ROCHESTER		Y 54ACT374/Q2A		159
5962-87631012A	G	02/22/2019	3	TI		Y SNJ54ACT374FK		159
5962-8763101RA	G	02/22/2019	2	ROCHESTER		Y 54ACT374/QRA		159
5962-8763101RA	G	02/22/2019	3	TI		Y SNJ54ACT374J		159
5962-8763101VRA	G	02/22/2019		(NONE)	11/28/2015	54ACT374 (GEN)		159
5962-8763101SA	G	02/22/2019	2	ROCHESTER		Y 54ACT374/QSA		159
5962-8763101SA	G	02/22/2019	3	TI		Y SNJ54ACT374W		159
5962-8763101VSA	G	02/22/2019	3	TI		Y SNV54ACT374W		159
5962-87631023A	G	02/22/2019	1	ROCHESTER		Y 54ACT11374/B3A		159
5962-8763102LA	G	02/22/2019	1	ROCHESTER		Y 54ACT11374/BLA		159
5962F8763103RA	G	02/22/2019	2	STMICRO		Y RHFACT374D04Q		159
5962F8763103RC	G	02/22/2019	2	STMICRO		Y RHFACT374D03Q		159
5962F8763103VRA	G	02/22/2019	2	STMICRO		Y RHFACT374D04V		159
5962F8763103VRC	G	02/22/2019	2	STMICRO		Y RHFACT374D03V		159
5962-8763103VXA	G	02/22/2019		(NONE)		54ACT374 (GEN)		159
5962-8763103XA	G	02/22/2019		(NONE)		54ACT374 (GEN)		159

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5962F8763103VXA	G	02/22/2019	2	STMICRO		Y RHFAC	RHFACT374K02V	159
5962F8763103VXC	G	02/22/2019	2	STMICRO		Y RHFAC	RHFACT374K01V	159
5962F8763103XA	G	02/22/2019	2	STMICRO		Y RHFAC	RHFACT374K02Q	159
5962F8763103XC	G	02/22/2019	2	STMICRO		Y RHFAC	RHFACT374K01Q	159
5962F8763103VYA	G	02/22/2019	2	STMICRO		Y RHFAC	RHFACT374K04V	159
5962F8763103VYC	G	02/22/2019	2	STMICRO		Y RHFAC	RHFACT374K03V	159
5962-8763201XA		08/29/1988		(NONE)			BUS-65111 (GEN)	590
5962-8763301QA	G	05/05/2008		(NONE)	02/19/1998		320C10 (GEN)	432
5962-8763301XA	G	05/05/2008		(NONE)			320C10 (GEN)	432
5962-8763302QA	G	05/05/2008		(NONE)	02/19/1998		320C10-25 (GEN)	432
5962-8763302XA	G	05/05/2008		(NONE)			320C10-25 (GEN)	432
5962-8763303QA	G	05/05/2008		(NONE)	05/01/1998		320CM10 (GEN)	432
5962-8763303XA	G	05/05/2008		(NONE)	05/01/1998		320CM10 (GEN)	432
5962-8763304QA	G	05/05/2008		(NONE)	05/01/1998		320CM10-25 (GEN)	432
5962-8763304XA	G	05/05/2008		(NONE)	05/01/1998		320CM10-25 (GEN)	432
5962-8763305QA	G	05/05/2008		(NONE)			320C10-25 (GEN)	432
5962-8763305XA	G	05/05/2008		(NONE)	05/01/1998		320C10-25 (GEN)	432
5962-8763306QA	G	05/05/2008		(NONE)			320E15 (GEN)	432
5962-8763307QA	G	05/05/2008		(NONE)	02/19/1998		320C15 (GEN)	432
5962-8763307XA	G	05/05/2008		(NONE)			320C15 (GEN)	432
5962-8763307YA	G	05/05/2008		(NONE)	02/19/1998		320C15 (GEN)	432
5962-8763308QA	G	05/05/2008		(NONE)	03/05/2011		320C15-25 (GEN)	432
5962-8763308XA	G	05/05/2008		(NONE)			320C15-25 (GEN)	432
5962-8763308YA	G	05/05/2008		(NONE)	03/05/2011		320C15-25 (GEN)	432
5962-8763501RA	C	12/11/2014	1	ANALOG (2)		Y AD670SD	AD670SD/883B	592
5962-8764001WA	C	01/28/2015	1	MICROSS		Y MYX6M	MYX6M5801C22	599
5962-8764002CA	C	01/28/2015		(NONE)	03/31/1998		MIC5800 (GEN)	599
5962-8764101EA	A	07/23/2008		(NONE)	03/31/1998		MIC5822 (GEN)	599
5962-87643012A	A	11/15/1989		(NONE)	09/30/1995		3517 (GEN)	804
5962-8764301EA	A	11/15/1989		(NONE)	09/30/1995		3517 (GEN)	804
5962-87644012A	E	11/28/2016	2	E2V		Y 54FCT	54FCT373LMQB	341
5962-87644012A	E	11/28/2016	1	E2V			IDT54FCT373LB	341
5962-87644012A	E	11/28/2016	1	PYRAMID		Y P54FCT	P54FCT373LMB	341
5962-8764401RA	E	11/28/2016	1	E2V			IDT54FCT373DB	341
5962-8764401RA	E	11/28/2016	2	E2V		Y 54FCT	54FCT373DMQB	341
5962-8764401RA	E	11/28/2016	1	PYRAMID		Y P54FCT	P54FCT373CMB	341
5962-8764401SA	E	11/28/2016	1	E2V			IDT54FCT373EB	341
5962-8764401SA	E	11/28/2016	2	E2V		Y 54FCT	54FCT373FMQB	341
5962-8764401SA	E	11/28/2016	1	PYRAMID		Y P54FCT	P54FCT373FSMB	341
5962-87644022A	E	11/28/2016	1	E2V			IDT54FCT373ALB	341
5962-87644022A	E	11/28/2016	1	PYRAMID		Y P54FCT	P54FCT373ALMB	341
5962-8764402RA	E	11/28/2016	1	E2V			IDT54FCT373ADB	341
5962-8764402RA	E	11/28/2016	1	PYRAMID		Y P54FCT	P54FCT373ACMB	341
5962-8764402SA	E	11/28/2016	1	E2V			IDT54FCT373AEB	341
5962-8764402SA	E	11/28/2016	1	PYRAMID		Y P54FCT	P54FCT373AFSMB	341
5962-8764501EA	E	02/11/2013		MICROSEMI (1)		Y SG1524BJ	SG1524BJ/883B	787
5962-8764502EA	E	02/11/2013		TI		Y UC1524AJ	UC1524AJ/883B	787
5962-8764601EA	C	03/26/2014	1B	SRI		Y GEM37601QEA	GEM37601QEA	399
5962-8764601EC	C	03/26/2014	1B	SRI		Y GEM37601QEC	GEM37601QEC	399

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5962-87647012A	C	06/06/2013	1	TI		Y	SNJ54HC03FK	101
5962-8764701CA	C	06/06/2013	1	TI		Y	SNJ54HC03J	101
5962-8764801XA	F	03/18/2015	2	E2V			AT27C512R-15DM/883	663
5962-8764801XA	F	03/18/2015	1	MICROSS		Y	SMJ27C512-15JM	663
5962-8764801YA	F	03/18/2015	2	E2V			AT27C512R-15LM/883	663
5962-8764801YA	F	03/18/2015	1	MICROSS		Y	AS27C512-15ECAM	663
5962-8764801ZA	F	03/18/2015	2	E2V			AT27C512R-15KM/883	663
5962-8764802XA	F	03/18/2015	2	E2V			AT27C512R-20DM/883	663
5962-8764802XA	F	03/18/2015	1	MICROSS		Y	SMJ27C512-20JM	663
5962-8764802YA	F	03/18/2015	2	E2V			AT27C512R-20LM/883	663
5962-8764802YA	F	03/18/2015	1	MICROSS		Y	AS27C512-20ECAM	663
5962-8764802ZA	F	03/18/2015	2	E2V			AT27C512R-20KM/883	663
5962-8764803XA	F	03/18/2015	2	E2V			AT27C512R-25DM/883	663
5962-8764803XA	F	03/18/2015	1	MICROSS		Y	SMJ27C512-25JM	663
5962-8764803YA	F	03/18/2015	2	E2V			AT27C512R-25LM/883	663
5962-8764803YA	F	03/18/2015	1	MICROSS		Y	AS27C512-25ECAM	663
5962-8764803ZA	F	03/18/2015	2	E2V			AT27C512R-25KM/883	663
5962-8764804XA	F	03/18/2015	2	E2V			AT27C512R-12DM/883	663
5962-8764804XA	F	03/18/2015	1	MICROSS		Y	AS27C512-12JM	663
5962-8764804YA	F	03/18/2015	2	E2V			AT27C512R-12LM/883	663
5962-8764804YA	F	03/18/2015	1	MICROSS		Y	AS27C512-12ECAM	663
5962-8764804ZA	F	03/18/2015	2	E2V			AT27C512R-12KM/883	663
5962-8764805XA	F	03/18/2015	2	E2V			AT27C512R-90DM/883	663
5962-8764805YA	F	03/18/2015	2	E2V			AT27C512R-90LM/883	663
5962-8764805ZA	F	03/18/2015	2	E2V			AT27C512R-90KM/883	663
5962-8764806QXA	F	03/18/2015		(NONE)	08/12/2000		27C512-70 (GEN)	663
5962-8764806XA	F	03/18/2015	2	E2V			AT27C512R-70DM/883	663
5962-8764806QYA	F	03/18/2015		(NONE)	08/12/2000		27C512-70 (GEN)	663
5962-8764806YA	F	03/18/2015	2	E2V			AT27C512R-70LM/883	663
5962-8764806ZA	F	03/18/2015	2	E2V			AT27C512R-70KM/883	663
5962-8764807QXA	F	03/18/2015		(NONE)	08/12/2000		27C512-55 (GEN)	663
5962-8764807QYA	F	03/18/2015		(NONE)	08/12/2000		27C512-55 (GEN)	663
5962-8764808QXA	F	03/18/2015		(NONE)	08/12/2000		27C512-45 (GEN)	663
5962-8764808QYA	F	03/18/2015		(NONE)	08/12/2000		27C512-45 (GEN)	663
5962-8764809QXA	F	03/18/2015		(NONE)	08/12/2000		27H512-35 (GEN)	663
5962-8764809QYA	F	03/18/2015		(NONE)	08/12/2000		27H512-35 (GEN)	663
5962-8764810QXA	F	03/18/2015		(NONE)	08/12/2000		27C512-90 (GEN)	663
5962-8764810QYA	F	03/18/2015		(NONE)	08/12/2000		27C512-90 (GEN)	663
5962-8764811QXA	F	03/18/2015	1	MICROSS		Y	AS27C512-12JM	663
5962-8764811QYA	F	03/18/2015	1	MICROSS		Y	AS27C512-12ECAM	663
5962-8764812QXA	F	03/18/2015	1	MICROSS		Y	AS27C512-15JM	663
5962-8764812QYA	F	03/18/2015	1	MICROSS		Y	AS27C512-15ECAM	663
5962-8764813QXA	F	03/18/2015	1	MICROSS		Y	AS27C512-20JM	663
5962-8764813QYA	F	03/18/2015	1	MICROSS		Y	AS27C512-20ECAM	663
5962-8764814QXA	F	03/18/2015	1	MICROSS		Y	AS27C512-25JM	663
5962-8764814QYA	F	03/18/2015	1	MICROSS		Y	AS27C512-25ECAM	663
5962-8764901XA	B	08/07/2017		(NONE)				662
5962-8764901YA	B	08/07/2017		(NONE)				662
5962-8764901ZA	B	08/07/2017		(NONE)				662

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5962-8764902XA	B	08/07/2017		(NONE)				662
5962-8764902YA	B	08/07/2017		(NONE)				662
5962-8764902ZA	B	08/07/2017		(NONE)				662
5962-8764903XA	B	08/07/2017		(NONE)				662
5962-8764903YA	B	08/07/2017		(NONE)				662
5962-8764903ZA	B	08/07/2017		(NONE)				662
5962-87650013A	G	02/01/2016	1	E2V		WS57C291C-50CMB		658
5962-87650013A	G	02/01/2016	1	E2V		Y QP7C291A-50QMB		658
5962-87650013A	G	02/01/2016	1	E2V		Y CY7C291A-50QMB		658
5962-87650013C	G	02/01/2016	1	E2V		WS57C291C-50CMB		658
5962-8765001JA	G	02/01/2016	1	E2V		Y QP7C292A-50WMB		658
5962-8765001JA	G	02/01/2016	1	E2V		Y CY7C292A-50WMB		658
5962-8765001JA	G	02/01/2016	1	E2V		WS57C191C-50DMB		658
5962-8765001KA	G	02/01/2016	1	E2V		Y QP7C291A-50TMB		658
5962-8765001KA	G	02/01/2016	1	E2V		Y CY7C291A-50TMB		658
5962-8765001KA	G	02/01/2016	1	E2V		WS57C291C-50FMB		658
5962-8765001LA	G	02/01/2016	1	E2V		WS57C291C-50TMB		658
5962-8765001LA	G	02/01/2016	1	E2V		Y QP7C291A-50WMB		658
5962-8765001LA	G	02/01/2016	1	E2V		Y CY7C291A-50WMB		658
5962-87650023A	G	02/01/2016	1	E2V		WS57C291C-55CMB		658
5962-87650023A	G	02/01/2016	1	E2V		Y QP7C291A-55QMB		658
5962-87650023A	G	02/01/2016	1	E2V		Y CY7C291A-55QMB		658
5962-87650023C	G	02/01/2016	1	E2V		WS57C291C-55CMB		658
5962-8765002JA	G	02/01/2016	1	E2V		Y QP7C292A-55WMB		658
5962-8765002JA	G	02/01/2016	1	E2V		Y CY7C292A-55WMB		658
5962-8765002JA	G	02/01/2016	1	E2V		WS57C191C-55DMB		658
5962-8765002KA	G	02/01/2016	1	E2V		WS57C291C-55FMB		658
5962-8765002KA	G	02/01/2016	1	E2V		Y QP7C291A-55TMB		658
5962-8765002KA	G	02/01/2016	1	E2V		Y CY7C291A-55TMB		658
5962-8765002LA	G	02/01/2016	1	E2V		Y QP7C291A-55WMB		658
5962-8765002LA	G	02/01/2016	1	E2V		Y CY7C291A-55WMB		658
5962-8765002LA	G	02/01/2016	1	E2V		WS57C291C-55TMB		658
5962-87650033A	G	02/01/2016	1	E2V		Y CY7C291A-35QMB		658
5962-87650033A	G	02/01/2016	1	E2V		Y QP7C291A-35QMB		658
5962-87650033A	G	02/01/2016	1	E2V		WS57C291C-35CMB		658
5962-87650033C	G	02/01/2016	1	E2V		WS57C291C-35CMB		658
5962-8765003JA	G	02/01/2016	1	E2V		Y QP7C292A-35WMB		658
5962-8765003JA	G	02/01/2016	1	E2V		Y CY7C292A-35WMB		658
5962-8765003KA	G	02/01/2016	1	E2V		Y CY7C291A-35TMB		658
5962-8765003KA	G	02/01/2016	1	E2V		Y QP7C291A-35TMB		658
5962-8765003KA	G	02/01/2016	1	E2V		WS57C291C-35FMB		658
5962-8765003LA	G	02/01/2016	1	E2V		WS57C291C-35TMB		658
5962-8765003LA	G	02/01/2016	1	E2V		Y CY7C291A-35WMB		658
5962-8765003LA	G	02/01/2016	1	E2V		Y QP7C291A-35WMB		658
5962-87650043A	G	02/01/2016	1	E2V		WS57C291C-45CMB		658
5962-87650043A	G	02/01/2016	1	E2V		Y QP7C291A-45QMB		658
5962-87650043A	G	02/01/2016	1	E2V		Y CY7C291A-45QMB		658
5962-87650043C	G	02/01/2016	1	E2V		WS57C291C-45CMB		658
5962-8765004JA	G	02/01/2016	1	E2V		Y QP7C292A-45WMB		658



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5962-8765004JA	G	02/01/2016	1	E2V		Y CY7C292A-45WMB		658
5962-8765004JA	G	02/01/2016	1	E2V		WS57C191C-45DMB		658
5962-8765004KA	G	02/01/2016	1	E2V		Y QP7C291A-45TMB		658
5962-8765004KA	G	02/01/2016	1	E2V		Y CY7C291A-45TMB		658
5962-8765004KA	G	02/01/2016	1	E2V		WS57C291C-45FMB		658
5962-8765004LA	G	02/01/2016	1	E2V		Y QP7C291A-45WMB		658
5962-8765004LA	G	02/01/2016	1	E2V		Y CY7C291A-45WMB		658
5962-8765004LA	G	02/01/2016	1	E2V		WS57C291C-45TMB		658
5962-87650053A	G	02/01/2016	1	E2V		Y CY7C291A-25QMB		658
5962-87650053A	G	02/01/2016	1	E2V		Y QP7C291A-25QMB		658
5962-87650053A	G	02/01/2016	1	E2V		WS57C291C-25CMB		658
5962-87650053C	G	02/01/2016	1	E2V		WS57C291C-25CMB		658
5962-8765005JA	G	02/01/2016	1	E2V		Y QP7C292A-25WMB		658
5962-8765005JA	G	02/01/2016	1	E2V		Y CY7C292A-25WMB		658
5962-8765005KA	G	02/01/2016	1	E2V		Y CY7C291A-25TMB		658
5962-8765005KA	G	02/01/2016	1	E2V		Y QP7C291A-25TMB		658
5962-8765005KA	G	02/01/2016	1	E2V		WS57C291C-25FMB		658
5962-8765005LA	G	02/01/2016	1	E2V		Y CY7C291A-25WMB		658
5962-8765005LA	G	02/01/2016	1	E2V		Y QP7C291A-25WMB		658
5962-8765005LA	G	02/01/2016	1	E2V		WS57C291C-25TMB		658
5962-87651013A	D	03/20/2015	1	E2V		Y QP7C281A-45LMB		657
5962-8765101JA	D	03/20/2015	1	E2V		Y QP7C282A-45DMB		657
5962-8765101KA	D	03/20/2015	1	E2V		Y QP7C281A-45KMB		657
5962-8765101LA	D	03/20/2015	1	E2V		Y QP7C281A-45DMB		657
5962-87651023A	D	03/20/2015	1	E2V		Y QP7C281A-45LMB		657
5962-87651023A	D	03/20/2015	2	E2V		Y CY7C281A-45LMB		657
5962-8765102JA	D	03/20/2015	1	E2V		Y QP7C282A-45DMB		657
5962-8765102JA	D	03/20/2015	2	E2V		Y CY7C282A-45DMB		657
5962-8765102KA	D	03/20/2015	1	E2V		Y QP7C281A-45KMB		657
5962-8765102KA	D	03/20/2015	2	E2V		Y CY7C281A-45KMB		657
5962-8765102LA	D	03/20/2015	1	E2V		Y QP7C281A-45DMB		657
5962-8765102LA	D	03/20/2015	2	E2V		Y CY7C281A-45DMB		657
5962-87651033A	D	03/20/2015	1	E2V		Y QP7C281A-30LMB		657
5962-87651033A	D	03/20/2015	2	E2V		Y CY7C281A-30LMB		657
5962-8765103JA	D	03/20/2015	1	E2V		Y QP7C282A-30DMB		657
5962-8765103JA	D	03/20/2015	2	E2V		Y CY7C282A-30DMB		657
5962-8765103KA	D	03/20/2015	1	E2V		Y QP7C281A-30KMB		657
5962-8765103KA	D	03/20/2015	2	E2V		Y CY7C281A-30KMB		657
5962-8765103LA	D	03/20/2015	1	E2V		Y QP7C281A-30DMB		657
5962-8765103LA	D	03/20/2015	2	E2V		Y CY7C281A-30DMB		657
5962-8765301JA	A	10/21/1991		(NONE)	12/26/1999	ICM7170 (GEN)		429
5962-87654012A	F	06/28/2017	3	E2V		Y 54FCT138LMQB		282
5962-87654012A	F	06/28/2017	1B	PYRAMID		Y PF54FCT138LMB		282
5962-8765401EA	F	06/28/2017	3	E2V		Y 54FCT138DMQB		282
5962-8765401EA	F	06/28/2017	1B	PYRAMID		Y PF54FCT138CMB		282
5962-8765401FA	F	06/28/2017	3	E2V		Y 54FCT138FMQB		282
5962-8765401FA	F	06/28/2017	1B	PYRAMID		Y PF54FCT138FSMB		282
5962-87654022A	F	06/28/2017	1B	PYRAMID		Y PF54FCT138ALMB		282
5962-8765402EA	F	06/28/2017	1B	PYRAMID		Y PF54FCT138ACMB		282



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## SECTION 1, MICROCIRCUITS

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8765402FA	F	06/28/2017	1B	PYRAMID		Y PF54FCT138AFSMB		282
5962-87655012A	D	12/28/2010	2	E2V		Y 54FCT240LMQB		529
5962-87655012A	D	12/28/2010	2	E2V		Y QP54FCT240LMQB		529
5962-87655012A	D	12/28/2010	1	PYRAMID		Y P54FCT240LMB		529
5962-8765501RA	D	12/28/2010	2	E2V		Y 54FCT240DMQB		529
5962-8765501RA	D	12/28/2010	2	E2V		Y QP54FCT240DMQB		529
5962-8765501RA	D	12/28/2010	1	PYRAMID		Y P54FCT240CMB		529
5962-8765501SA	D	12/28/2010	2	E2V		Y 54FCT240FMQB		529
5962-8765501SA	D	12/28/2010	2	E2V		Y QP54FCT240FMQB		529
5962-8765501SA	D	12/28/2010	1	PYRAMID		Y P54FCT240FSMB		529
5962-87655022A	D	12/28/2010	2	E2V		Y QP54FCT240ALMQB		529
5962-87655022A	D	12/28/2010	1	PYRAMID		Y P54FCT240ALMB		529
5962-8765502RA	D	12/28/2010	2	E2V		Y QP54FCT240ADMQB		529
5962-8765502RA	D	12/28/2010	1	PYRAMID		Y P54FCT240ACMB		529
5962-8765502SA	D	12/28/2010	1	PYRAMID		Y P54FCT240AFSMB		529
5962-87656012A	E	04/26/2016	3	E2V		Y 54FCT273LMQB		159
5962-87656012A	E	04/26/2016	1	PYRAMID		Y P54FCT273LMB		159
5962-8765601RA	E	04/26/2016	3	E2V		Y 54FCT273DMQB		159
5962-8765601RA	E	04/26/2016	1	PYRAMID		Y P54FCT273CMB		159
5962-8765601SA	E	04/26/2016	3	E2V		Y 54FCT273FMQB		159
5962-8765601SA	E	04/26/2016	1	PYRAMID		Y P54FCT273FSMB		159
5962-87656022A	E	04/26/2016	1	PYRAMID		Y P54FCT273ALMB		159
5962-8765602RA	E	04/26/2016	1	PYRAMID		Y P54FCT273ACMB		159
5962-8765602SA	E	04/26/2016	1	PYRAMID		Y P54FCT273AFSMB		159
5962-8765701GA	E	01/19/2018	1	LANSDALE		Y ML1590/BGA		755
5962-87658012A	E	11/09/2018	1	TI		Y TLC372MFKB		774
5962-8765801PA	E	11/09/2018	1	TI		Y TLC372MJGB		774
5962-87659012A	E	09/20/2017	1	TI		Y TLC374MFKB		776
5962-8765901CA	E	09/20/2017	1	TI		Y TLC374MJB		776
5962-87659022A	E	09/20/2017	1	TI		Y TLC139MFKB		776
5962-8765902CA	E	09/20/2017	1	TI		Y TLC139MJB		776
5962-87659032A	E	09/20/2017	1	TI		Y TLC374MFKB		776
5962-8765903CA	E	09/20/2017	1	TI		Y TLC374MJB		776
5962-8766001GC	C	02/15/2019	1	ROCHESTER		Y ICL7667MTV/883B		519
5962-8766001PA	C	02/15/2019	2	MAXIM INTEG.		ICL7667MJA/883B		519
5962-8766001PA	C	02/15/2019	1	ROCHESTER		Y ICL7667MJA/883B		519
5962-8766101XA	H	01/11/2017	1A	E2V		Y QP27C128-90/XA		661
5962-8766101XA	H	01/11/2017	1	E2V		Y 27C128-90		661
5962-8766101YA	H	01/11/2017	1A	E2V		Y QP27C128-90/YA		661
5962-8766101YA	H	01/11/2017	1	E2V		Y 27C128-90		661
5962-8766102XA	H	01/11/2017	1A	E2V		Y QP27C128-120/XA		661
5962-8766102XA	H	01/11/2017	1	E2V		Y 27C128-120		661
5962-8766102YA	H	01/11/2017	1A	E2V		Y QP27C128-120/YA		661
5962-8766102YA	H	01/11/2017	1	E2V		Y 27C128-120		661
5962-8766103XA	H	01/11/2017	1A	E2V		Y QP27C128-150/XA		661
5962-8766103XA	H	01/11/2017	1	E2V		Y 27C128-150		661
5962-8766103YA	H	01/11/2017	1A	E2V		Y QP27C128-150/YA		661
5962-8766103YA	H	01/11/2017	1	E2V		Y 27C128-150		661
5962-8766104XA	H	01/11/2017	1A	E2V		Y QP27C128-170/XA		661

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5962-8766104XA	H	01/11/2017	1	E2V		Y 27C128-170		661
5962-8766104YA	H	01/11/2017	1A	E2V		Y QP27C128-170/YA		661
5962-8766104YA	H	01/11/2017	1	E2V		Y 27C128-170		661
5962-8766105XA	H	01/11/2017	1A	E2V		Y QP27C128-200/XA		661
5962-8766105XA	H	01/11/2017	1	E2V		Y 27C128-200		661
5962-8766105YA	H	01/11/2017	1A	E2V		Y QP27C128-200/YA		661
5962-8766105YA	H	01/11/2017	1	E2V		Y 27C128-200		661
5962-8766106XA	H	01/11/2017	1A	E2V		Y QP27C128-250/XA		661
5962-8766106XA	H	01/11/2017	1	E2V		Y 27C128-250		661
5962-8766106YA	H	01/11/2017	1A	E2V		Y QP27C128-250/YA		661
5962-8766106YA	H	01/11/2017	1	E2V		Y 27C128-250		661
5962-8766107XA	H	01/11/2017	1A	E2V		Y QP27C128-300/XA		661
5962-8766107XA	H	01/11/2017	1	E2V		Y 27C128-300		661
5962-8766107YA	H	01/11/2017	1A	E2V		Y QP27C128-300/YA		661
5962-8766107YA	H	01/11/2017	1	E2V		Y 27C128-300		661
5962-8766108XA	H	01/11/2017	1	E2V		WS57C128FB-70DMB		661
5962-8766108XA	H	01/11/2017	1A	E2V		Y QP27C128-70/XA		661
5962-8766108XA	H	01/11/2017	1	E2V		Y 27C128-70		661
5962-8766108YA	H	01/11/2017	1	E2V		WS57C128FB-70CMB		661
5962-8766108YA	H	01/11/2017	1A	E2V		Y QP27C128-70/YA		661
5962-8766108YA	H	01/11/2017	1	E2V		Y 27C128-70		661
5962-8766201EA	D	11/14/2018	1	ROCHESTER		Y 26S02/BEA		166
5962-8766201FA	D	11/14/2018	1	ROCHESTER		Y 26S02/BFA		166
5962-87663012A	J	08/28/2018	3	E2V	5962-8766301M2A	Y 54ACT245LMQB		590
5962-87663012A	J	08/28/2018	2	E2V	5962-8766301M2A	Y QP54ACT245LMQB		590
5962-8766301B2A	J	08/28/2018	3	E2V		Y JM54ACT245B2A		590
5962-8766301B2A	J	08/28/2018	2	E2V		Y QP54ACT245LMQB		590
5962-8766301B2A	J	08/28/2018	3	ROCHESTER		Y 54ACT245/B2A		590
5962-8766301M2A	J	08/28/2018	3	E2V		Y 54ACT245LMQB		590
5962-8766301M2A	J	08/28/2018	2	E2V		Y QP54ACT245LMQB		590
5962-8766301M2A	J	08/28/2018	3	ROCHESTER		Y 54ACT245/Q2A		590
5962-8766301M2A	J	08/28/2018	2	TI		Y SNJ54ACT245FK		590
5962-8766301S2A	J	08/28/2018		(NONE)	03/05/2002	54ACT245 (GEN)		590
5962R8766301B2A	J	08/28/2018		(NONE)		54ACT245 (GEN)		590
5962R8766301S2A	J	08/28/2018		(NONE)	03/05/2002	54ACT245 (GEN)		590
5962-8766301BRA	J	08/28/2018	3	E2V		Y JM54ACT245BRA		590
5962-8766301BRA	J	08/28/2018	2	E2V		Y QP54ACT245DMQB		590
5962-8766301BRA	J	08/28/2018	3	ROCHESTER		Y 54ACT245/BRA		590
5962-8766301MRA	J	08/28/2018	3	E2V		Y 54ACT245DMQB		590
5962-8766301MRA	J	08/28/2018	2	E2V		Y QP54ACT245DMQB		590
5962-8766301MRA	J	08/28/2018	3	ROCHESTER		Y 54ACT245/QRA		590
5962-8766301MRA	J	08/28/2018	2	TI		Y SNJ54ACT245J		590
5962-8766301RA	J	08/28/2018	3	E2V	5962-8766301MRA	Y 54ACT245DMQB		590
5962-8766301RA	J	08/28/2018	2	E2V	5962-8766301MRA	Y QP54ACT245DMQB		590
5962-8766301SRA	J	08/28/2018	2	TI		Y SNV54ACT245J		590
5962R8766301BRA	J	08/28/2018		(NONE)		54ACT245 (GEN)		590
5962R8766301SRA	J	08/28/2018		(NONE)		54ACT245 (GEN)		590
5962-8766301BSA	J	08/28/2018	3	E2V		Y JM54ACT245BSA		590
5962-8766301BSA	J	08/28/2018	2	E2V		Y QP54ACT245FMQB		590

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5962-8766301BSA	J	08/28/2018	3	ROCHESTER		Y 54ACT245/BSA		590
5962-8766301MSA	J	08/28/2018	3	E2V		Y 54ACT245FMQB		590
5962-8766301MSA	J	08/28/2018	2	E2V		Y QP54ACT245FMQB		590
5962-8766301MSA	J	08/28/2018	3	ROCHESTER		Y 54ACT245/QSA		590
5962-8766301MSA	J	08/28/2018	2	TI		Y SNJ54ACT245W		590
5962-8766301SA	J	08/28/2018	3	E2V	5962-8766301MSA	Y 54ACT245FMQB		590
5962-8766301SA	J	08/28/2018	2	E2V	5962-8766301MSA	Y QP54ACT245FMQB		590
5962-8766301SSA	J	08/28/2018	2	TI		Y SNV54ACT245W		590
5962R8766301BSA	J	08/28/2018		(NONE)		54ACT245 (GEN)		590
5962R8766301SSA	J	08/28/2018		(NONE)		54ACT245 (GEN)		590
5962-8766302M3A	J	08/28/2018	1	ROCHESTER		Y 54ACT11245/B3A		590
5962-8766302MLA	J	08/28/2018	1	ROCHESTER		Y 54ACT11245/BLA		590
5962F8766303V9A	J	08/28/2018	2	STMICRO		Y ACT245DIE2V		590
5962F8766303QRA	J	08/28/2018	2	STMICRO		Y RHFAC245D04Q		590
5962F8766303QRC	J	08/28/2018	2	STMICRO		Y RHFAC245D03Q		590
5962F8766303VRA	J	08/28/2018	2	STMICRO		Y RHFAC245D04V		590
5962F8766303VRC	J	08/28/2018	2	STMICRO		Y RHFAC245D03V		590
5962-8766303QXA	J	08/28/2018		(NONE)		54ACT245 (GEN)		590
5962-8766303VXA	J	08/28/2018		(NONE)		54ACT245 (GEN)		590
5962F8766303QXA	J	08/28/2018	2	STMICRO		Y RHFAC245K02Q		590
5962F8766303QXC	J	08/28/2018	2	STMICRO		Y RHFAC245K01Q		590
5962F8766303VXA	J	08/28/2018	2	STMICRO		Y RHFAC245K02V		590
5962F8766303VXC	J	08/28/2018	2	STMICRO		Y RHFAC245K01V		590
5962F8766303VYA	J	08/28/2018	2	STMICRO		Y RHFAC245K04V		590
5962F8766303VYC	J	08/28/2018	2	STMICRO		Y RHFAC245K03V		590
5962-87664012A	D	05/28/2014	3	E2V		Y 54ACT573LMQB		341
5962-87664012A	D	05/28/2014	3	ROCHESTER		Y 54ACT573/Q2A		341
5962-87664012A	D	05/28/2014	3	TI		Y SNJ54ACT573FK		341
5962R87664012A	D	05/28/2014		(NONE)		54ACT573 (GEN)		341
5962-8766401RA	D	05/28/2014	3	E2V		Y 54ACT573DMQB		341
5962-8766401RA	D	05/28/2014	3	ROCHESTER		Y 54ACT573/QRA		341
5962-8766401RA	D	05/28/2014	3	TI		Y SNJ54ACT573J		341
5962R8766401RA	D	05/28/2014		(NONE)		54ACT573 (GEN)		341
5962-8766401SA	D	05/28/2014	3	E2V		Y 54ACT573FMQB		341
5962-8766401SA	D	05/28/2014	3	ROCHESTER		Y 54ACT573/QSA		341
5962-8766401SA	D	05/28/2014	3	TI		Y SNJ54ACT573W		341
5962R8766401SA	D	05/28/2014		(NONE)		54ACT573 (GEN)		341
5962-8766501TA	E	11/01/2005	1	PYRAMID		Y P1750A-15GMB		403
5962-8766501UA	E	11/01/2005	1	PYRAMID		Y P1750A-15QLMB		403
5962-8766501XA	E	11/01/2005	1	PYRAMID		Y P1750A-15CMB		403
5962-8766501YA	E	11/01/2005	1	PYRAMID		Y P1750A-15QGMB		403
5962-8766501ZA	E	11/01/2005	1	PYRAMID		Y P1750A-15PGMB		403
5962-8766502TA	E	11/01/2005	1	PYRAMID		Y P1750A-20GMB		403
5962-8766502UA	E	11/01/2005	1	PYRAMID		Y P1750A-20QLMB		403
5962-8766502XA	E	11/01/2005	1	PYRAMID		Y P1750A-20CMB		403
5962-8766502XC	E	11/01/2005	1	PYRAMID		Y P1750A-20CMB		403
5962-8766502YA	E	11/01/2005	1	PYRAMID		Y P1750A-20QGMB		403
5962-8766502ZA	E	11/01/2005	1	PYRAMID		Y P1750A-20PGMB		403
5962-8766503TA	E	11/01/2005	1	PYRAMID		Y P1750A-30GMB		403

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5962-8766503UA	E	11/01/2005	1	PYRAMID		Y P1750A-30QLMB		403
5962-8766503XA	E	11/01/2005	1	PYRAMID		Y P1750A-30CMB		403
5962-8766503YA	E	11/01/2005	1	PYRAMID		Y P1750A-30QGMB		403
5962-8766503ZA	E	11/01/2005	1	PYRAMID		Y P1750A-30PGMB		403
5962-8766504TA	E	11/01/2005	1	PYRAMID		Y P1750A-40GMB		403
5962-8766504UA	E	11/01/2005	1	PYRAMID		Y P1750A-40QLMB		403
5962-8766504XA	E	11/01/2005	1	PYRAMID		Y P1750A-40CMB		403
5962-8766504YA	E	11/01/2005	1	PYRAMID		Y P1750A-40QGMB		403
5962-8766504ZA	E	11/01/2005	1	PYRAMID		Y P1750A-40PGMB		403
5962-8766505TA	E	11/01/2005	1	PYRAMID		Y P1750AE-20GMB		403
5962-8766505UA	E	11/01/2005	1	PYRAMID		Y P1750AE-20QLMB		403
5962-8766505XA	E	11/01/2005	1	PYRAMID		Y P1750AE-20CMB		403
5962-8766505YA	E	11/01/2005	1	PYRAMID		Y P1750AE-20QGMB		403
5962-8766505ZA	E	11/01/2005	1	PYRAMID		Y P1750AE-20PGMB		403
5962-8766506UA	E	11/01/2005	1	PYRAMID		Y P1750AE-30QLMB		403
5962-8766506YA	E	11/01/2005	1	PYRAMID		Y P1750AE-30QGMB		403
5962-8766506ZA	E	11/01/2005	1	PYRAMID		Y P1750AE-30PGMB		403
5962-8766507UA	E	11/01/2005	1	PYRAMID		Y P1750AE-40QLMB		403
5962-8766507YA	E	11/01/2005	1	PYRAMID		Y P1750AE-40QGMB		403
5962-8766507ZA	E	11/01/2005	1	PYRAMID		Y P1750AE-40PGMB		403
5962-8766601VA	B	10/20/2006		(NONE)	03/30/2001	LT1080 (GEN)		590
5962-8766602EA	B	10/20/2006		(NONE)	03/30/2001	LT1081 (GEN)		590
5962-87667013A	C	03/19/1993		(NONE)		29C827 (GEN)		544
5962-8766701KA	C	03/19/1993		(NONE)		29C827 (GEN)		544
5962-8766701LA	C	03/19/1993		(NONE)		29C827 (GEN)		544
5962-87667023A	C	03/19/1993		(NONE)	08/04/1995	29C828 (GEN)		544
5962-8766702KA	C	03/19/1993		(NONE)	08/04/1995	29C828 (GEN)		544
5962-8766702LA	C	03/19/1993		(NONE)	08/04/1995	29C828 (GEN)		544
5962-8766703LA	C	03/19/1993		(NONE)		29C927 (GEN)		544
5962-8766704LA	C	03/19/1993		(NONE)		29C928 (GEN)		544
5962-87667053A	C	03/19/1993		(NONE)		29C827A (GEN)		544
5962-8766705KA	C	03/19/1993		(NONE)		29C827A (GEN)		544
5962-8766705LA	C	03/19/1993		(NONE)		29C827A (GEN)		544
5962-87667063A	C	03/19/1993		(NONE)		29C828A (GEN)		544
5962-8766706KA	C	03/19/1993		(NONE)		29C828A (GEN)		544
5962-8766706LA	C	03/19/1993		(NONE)		29C828A (GEN)		544
5962-8766801MXA	C	09/24/1991		(NONE)	12/24/1997	8038616 (GEN)		404
5962-8766801XA	C	09/24/1991		(NONE)	12/24/1997	8038616 (GEN)		404
5962-8766801MYA	C	09/24/1991		(NONE)	12/24/1997	8038616 (GEN)		404
5962-8766801YA	C	09/24/1991		(NONE)	12/24/1997	8038616 (GEN)		404
5962-8766802MXA	C	09/24/1991		(NONE)		80386-12 (GEN)		404
5962-8766802XA	C	09/24/1991		(NONE)		80386-12 (GEN)		404
5962-8766802MYA	C	09/24/1991		(NONE)		80386-12 (GEN)		404
5962-8766802YA	C	09/24/1991		(NONE)		80386-12 (GEN)		404
5962-8766803MXA	C	09/24/1991		(NONE)	12/24/1997	8038620 (GEN)		404
5962-8766803QXA	C	09/24/1991		(NONE)		80386-20 (GEN)		404
5962-8766803XA	C	09/24/1991		(NONE)	12/24/1997	8038620 (GEN)		404
5962-8766803MYA	C	09/24/1991		(NONE)	12/24/1997	8038620 (GEN)		404
5962-8766803QYA	C	09/24/1991		(NONE)		80386-20 (GEN)		404

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5962-8766803YA	C	09/24/1991		(NONE)	12/24/1997		8038620 (GEN)	404
5962-8766804MXA	C	09/24/1991		(NONE)	12/24/1997		8038625 (GEN)	404
5962-8766804QXA	C	09/24/1991		(NONE)			80386-25 (GEN)	404
5962-8766804XA	C	09/24/1991		(NONE)	12/24/1997		8038625 (GEN)	404
5962-8766804MYA	C	09/24/1991		(NONE)	12/24/1997		8038625 (GEN)	404
5962-8766804QYA	C	09/24/1991		(NONE)			80386-25 (GEN)	404
5962-8766804YA	C	09/24/1991		(NONE)	12/24/1997		8038625 (GEN)	404
5962-8766901VA		09/23/1987		(NONE)	12/24/1997		8238416 (GEN)	422
5962-8766902VA		09/23/1987		(NONE)	12/24/1997		8238412 (GEN)	422
5962-8767001EA	B	08/02/2017	1	ROCHESTER		Y	26LS29/BEA	569
5962-8767001FA	B	08/02/2017	1	ROCHESTER		Y	26LS29/BFA	569
5962-87671013A	G	07/07/2017		TI		Y	TIBPAL20L8-20MFDB	431
5962-8767101KA	G	07/07/2017		TI	09/26/2018	Y	TIBPAL20L8-20MWB	431
5962-8767101LA	G	07/07/2017		TI	09/26/2018	Y	TIBPAL20L8-20MJTB	431
5962-87671023A	G	07/07/2017		(NONE)	11/28/2015		PAL20R8-20 (GEN)	431
5962-8767102KA	G	07/07/2017		(NONE)	11/28/2015		PAL20R8-20 (GEN)	431
5962-8767102LA	G	07/07/2017		(NONE)	11/28/2015		PAL20R8-20 (GEN)	431
5962-87671033A	G	07/07/2017		(NONE)	11/28/2015		PAL20R6-20 (GEN)	431
5962-8767103KA	G	07/07/2017		(NONE)	11/28/2015		PAL20R6-20 (GEN)	431
5962-8767103LA	G	07/07/2017		(NONE)	11/28/2015		PAL20R6-20 (GEN)	431
5962-87671043A	G	07/07/2017		TI		Y	TIBPAL20R4-20MFDB	431
5962-8767104KA	G	07/07/2017		(NONE)	11/28/2015		PAL20R4-20 (GEN)	431
5962-8767104LA	G	07/07/2017		TI		Y	TIBPAL20R4-20MJTB	431
5962-87671053A	G	07/07/2017		(NONE)			PLUS20L8 (GEN)	431
5962-8767105KA	G	07/07/2017		(NONE)			PLUS20L8 (GEN)	431
5962-8767105LA	G	07/07/2017		(NONE)			PLUS20L8 (GEN)	431
5962-87671063A	G	07/07/2017		(NONE)			PLUS20R8 (GEN)	431
5962-8767106KA	G	07/07/2017		(NONE)			PLUS20R8 (GEN)	431
5962-8767106LA	G	07/07/2017		(NONE)			PLUS20R8 (GEN)	431
5962-87671073A	G	07/07/2017		(NONE)			PAL20L8-15 (GEN)	431
5962-8767107LA	G	07/07/2017		(NONE)			PAL20L8-15 (GEN)	431
5962-87671083A	G	07/07/2017		(NONE)			PAL20R8-15 (GEN)	431
5962-8767108LA	G	07/07/2017		(NONE)			PAL20R8-15 (GEN)	431
5962-87671093A	G	07/07/2017		(NONE)			PAL20R6-15 (GEN)	431
5962-8767109LA	G	07/07/2017		(NONE)			PAL20R6-15 (GEN)	431
5962-87671103A	G	07/07/2017		(NONE)			PAL20L4-15 (GEN)	431
5962-8767110LA	G	07/07/2017		(NONE)			PAL20R4-15 (GEN)	431
5962-87671113A	G	07/07/2017		(NONE)	08/04/1995		PAL20L8-12 (GEN)	431
5962-8767111LA	G	07/07/2017		(NONE)	08/04/1995		PAL20L8-12 (GEN)	431
5962-87671123A	G	07/07/2017		(NONE)	08/04/1995		PAL20R8-12 (GEN)	431
5962-8767112LA	G	07/07/2017		(NONE)	08/04/1995		PAL20R8-12 (GEN)	431
5962-87671133A	G	07/07/2017		(NONE)	08/04/1995		PAL20R6-12 (GEN)	431
5962-8767113LA	G	07/07/2017		(NONE)	08/04/1995		PAL20R6-12 (GEN)	431
5962-87671143A	G	07/07/2017		(NONE)	08/04/1995		PAL20R4-12 (GEN)	431
5962-8767114LA	G	07/07/2017		(NONE)	08/04/1995		PAL20R4-12 (GEN)	431
5962-87671153A	G	07/07/2017		(NONE)	03/05/2011		PAL20L8-10 (GEN)	431
5962-8767115KA	G	07/07/2017		(NONE)	03/05/2011		PAL20L8-10 (GEN)	431
5962-8767115LA	G	07/07/2017		(NONE)	03/05/2011		PAL20L8-10 (GEN)	431
5962-87671163A	G	07/07/2017		(NONE)	07/15/2005		PAL20R8-10 (GEN)	431



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5962-8767116KA	G	07/07/2017		(NONE)	07/15/2005		PAL20R8-10 (GEN)	431
5962-8767116LA	G	07/07/2017		(NONE)	07/15/2005		PAL20R8-10 (GEN)	431
5962-87671173A	G	07/07/2017		(NONE)	03/05/2011		PAL20R6-10 (GEN)	431
5962-8767117KA	G	07/07/2017		(NONE)	03/05/2011		PAL20R6-10 (GEN)	431
5962-8767117LA	G	07/07/2017		(NONE)	03/05/2011		PAL20R6-10 (GEN)	431
5962-87671183A	G	07/07/2017		(NONE)	03/05/2011		PAL20R4-10 (GEN)	431
5962-8767118KA	G	07/07/2017		(NONE)	03/05/2011		PAL20R4-10 (GEN)	431
5962-8767118LA	G	07/07/2017		(NONE)	03/05/2011		PAL20R4-10 (GEN)	431
5962-87671193A	G	07/07/2017		(NONE)	03/05/2011		PAL20R8-7 (GEN)	431
5962-8767119KA	G	07/07/2017		(NONE)	03/05/2011		PAL20R8-7 (GEN)	431
5962-8767119LA	G	07/07/2017		(NONE)	03/05/2011		PAL20R8-7 (GEN)	431
5962-8767201YA		06/30/1987		(NONE)	12/24/1997		82188 (GEN)	420
5962-8767301AA	C	03/02/2015		(NONE)			DG180A (GEN)	181
5962-8767301CA	C	03/02/2015		(NONE)	01/06/2017		DG180A (GEN)	181
5962-8767301IA	C	03/02/2015		(NONE)	01/06/2017		DG180A (GEN)	181
5962-8767301XA	C	03/02/2015		(NONE)	01/06/2017		DG180A (GEN)	181
5962-8767401CA	C	08/25/2014		(NONE)			LM160 (GEN)	772
5962-8767401GA	C	08/25/2014		(NONE)	08/07/2018	Y	LM160 (GEN)	772
5962-8767401PA	C	08/25/2014		(NONE)			LM160 (GEN)	772
5962-8767501TA	G	12/04/2014		(NONE)			150 (GEN)	780
5962-8767501UA	G	12/04/2014	1	SEMELAB		Y	IP150IG-DESC	780
5962-8767501XA	G	12/04/2014	1	SEMELAB		Y	IP150K-DESC	780
5962-8767501YA	G	12/04/2014		(NONE)			150 (GEN)	780
5962-8767501ZA	G	12/04/2014		(NONE)			150 (GEN)	780
5962-8767502TA	G	12/04/2014		(NONE)			150A (GEN)	780
5962-8767502UA	G	12/04/2014	1	SEMELAB		Y	IP150AIG-DESC	780
5962R8767502UA	G	12/04/2014		(NONE)			150A (GEN)	780
5962-8767502XA	G	12/04/2014		(NONE)			150A (GEN)	780
5962-8767601VA	C	08/10/2017		(NONE)			MT4067-12 (GEN)	623
5962-8767601XA	C	08/10/2017		(NONE)			MT4067-12 (GEN)	623
5962-8767602VA	C	08/10/2017		(NONE)			MT4067-15 (GEN)	623
5962-8767602XA	C	08/10/2017		(NONE)			MT4067-15 (GEN)	623
5962-8767603VA	C	08/10/2017		(NONE)			MT4067-20 (GEN)	623
5962-8767603XA	C	08/10/2017		(NONE)			MT4067-20 (GEN)	623
5962-8767604VA	C	08/10/2017		(NONE)			MT4067-10 (GEN)	623
5962-8767604XA	C	08/10/2017		(NONE)			MT4067-10 (GEN)	623
5962-87677012A	D	02/04/2015	1	RENESAS		Y	HA4-5330/883	818
5962-8767701CA	D	02/04/2015		(NONE)	10/05/2004		HA-5330 (GEN)	818
5962-8767801EA	B	10/24/2007		(NONE)	06/30/1996		8690A (GEN)	319
5962-87679012A	L	06/05/2017		(NONE)			66024 (GEN)	460
5962-8767901EA	L	06/05/2017	1	AVAGO		Y	4N55/883B#200	460
5962-8767901EC	L	06/05/2017	1	AVAGO		Y	4N55/883B	460
5962-8767901TA	L	06/05/2017	1	AVAGO		Y	4N55/883B#300	460
5962-8767901UA	L	06/05/2017	1	AVAGO		Y	4N55/883B#100	460
5962-8767901UC	L	06/05/2017	1	AVAGO		Y	4N55/883B#100	460
5962-8767902PA	L	06/05/2017	3	AVAGO		Y	HCPL-5531#200	460
5962-8767902PC	L	06/05/2017	3	AVAGO		Y	HCPL-5531	460
5962-8767902XA	L	06/05/2017	3	AVAGO		Y	HCPL-5531#300	460
5962-8767902YA	L	06/05/2017	3	AVAGO		Y	HCPL-5531#100	460



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5962-8767902YC	L	06/05/2017	3	AVAGO		Y HCPL-5531#100		460
5962-87679032A	L	06/05/2017	1	AVAGO		Y HCPL-6531		460
5962-8767904FC	L	06/05/2017	3	AVAGO		Y HCPL-6551		460
5962-8767905KEA	L	06/05/2017	3	AVAGO		Y HCPL-275K#200		460
5962-8767905KEC	L	06/05/2017	3	AVAGO		Y HCPL-275K		460
5962-8767905KTA	L	06/05/2017	3	AVAGO		Y HCPL-275K#300		460
5962-8767905KUA	L	06/05/2017	3	AVAGO		Y HCPL-275K#100		460
5962-8767905KUC	L	06/05/2017	3	AVAGO		Y HCPL-275K#100		460
5962-8767906KPA	L	06/05/2017	3	AVAGO		Y HCPL-553K#200		460
5962-8767906KPC	L	06/05/2017	3	AVAGO		Y HCPL-553K		460
5962-8767906KXA	L	06/05/2017	3	AVAGO		Y HCPL-553K#300		460
5962-8767906KYA	L	06/05/2017	3	AVAGO		Y HCPL-553K#100		460
5962-8767906KYC	L	06/05/2017	3	AVAGO		Y HCPL-553K#100		460
5962-8767907K2A	L	06/05/2017	3	AVAGO		Y HCPL-653K		460
5962-8767908KFC	L	06/05/2017	3	AVAGO		Y HCPL-655K		460
5962-87680012A	D	08/29/2013		(NONE)		54HC4060 (GEN)		305
5962-8768001EA	D	08/29/2013	1	TI		Y CD54HC4060F3A		305
5962-87681012A	N	01/09/2017	1	MICROSEMI (1)		Y SG1825CL883B		787
5962-87681012A	N	01/09/2017	1	TI		Y UC1825L883B		787
5962-8768101V2A	N	01/09/2017	1	TI		Y UC1825LQMLV		787
5962-8768101EA	N	01/09/2017	1	MICROSEMI (1)		Y SG1825CJ883B		787
5962-8768101EA	N	01/09/2017	1	TI		Y UC1825J883B		787
5962-8768101VEA	N	01/09/2017	1	TI		Y UC1825JQMLV		787
5962-8768101QFA	N	01/09/2017	1	TI		Y UC1825W883B		787
5962-87681022A	N	01/09/2017	1	TI		Y UC1825AL883B		787
5962-8768102V2A	N	01/09/2017	1	TI		Y UC1825ALQMLV		787
5962-8768102EA	N	01/09/2017	1	TI		Y UC1825AJ883B		787
5962-8768102VEA	N	01/09/2017	1	TI		Y UC1825AJQMLV		787
5962-8768102XA	N	01/09/2017		(NONE)		1825A (GEN)		787
5962-87681032A	N	01/09/2017		(NONE)	12/31/2001	1825B (GEN)		787
5962-8768103EA	N	01/09/2017		(NONE)	12/31/2001	1825B (GEN)		787
5962-8768103XA	N	01/09/2017		(NONE)		1825B (GEN)		787
5962-8768104V2A	N	01/09/2017	3A	TI		Y UC1825FK-SP		787
5962-8768104VEA	N	01/09/2017	3A	TI		Y UC1825J-SP		787
5962-8768105VEA	N	01/09/2017	3A	TI		Y UC1825AJ-SP		787
5962P8768105VEA	N	01/09/2017	3A	TI		Y UC1825AJ-RHA		787
5962P8768105VYC	N	01/09/2017	3A	TI		Y UC1825AHKT-RHA		787
5962-87682012A	G	08/09/2016		(NONE)	09/01/1997	82S153A (GEN)		431
5962-8768201M2A	G	08/09/2016		(NONE)		82S153A (GEN)		431
5962-8768201MRA	G	08/09/2016		(NONE)		82S153A (GEN)		431
5962-8768201RA	G	08/09/2016		(NONE)	09/01/1997	82S153A (GEN)		431
5962-8768201MSA	G	08/09/2016		(NONE)		82S153A (GEN)		431
5962-8768201SA	G	08/09/2016		(NONE)		82S153A (GEN)		431
5962-87683012A	E	12/14/2018	3	TI		Y SNJ54ALS139FK		283
5962-8768301EA	E	12/14/2018	3	TI		Y SNJ54ALS139J		283
5962-8768301FA	E	12/14/2018		(NONE)	11/28/2015	54ALS139 (GEN)		283
5962-8768401MMA	J	11/06/2012	2	E2V		Y QP87C51/BMA		420
5962-8768401MMA	J	11/06/2012	1	ROCHESTER		Y 87C51/BMA		420
5962-8768401MQA	J	11/06/2012	2	E2V		Y QP87C51/BQA		420

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5962-8768401MQA	J	11/06/2012	1	ROCHESTER		Y 87C51/BQA		420
5962-8768401QA	J	11/06/2012	2	E2V	5962-8768401MQA	Y QP87C51/BQA		420
5962-8768401QA	J	11/06/2012	1	ROCHESTER	5962-8768401MQA	Y MD87C51/BQA		420
5962-8768401MUA	J	11/06/2012	1	ROCHESTER		Y 87C51/BUA		420
5962-8768401UA	J	11/06/2012	2	E2V	5962-8768401MUA	Y QP87C51/BUA		420
5962-8768401UA	J	11/06/2012	1	ROCHESTER	5962-8768401MUA	Y MR87C51/BUA		420
5962-8768402MMA	J	11/06/2012	2	E2V		Y QP87C51-16/BMA		420
5962-8768402MMA	J	11/06/2012	1	ROCHESTER		Y 87C51-16/BMA		420
5962-8768402MQA	J	11/06/2012	2	E2V		Y QP87C51-16/BQA		420
5962-8768402MQA	J	11/06/2012	1	ROCHESTER		Y 87C51-16/BQA		420
5962-8768402QA	J	11/06/2012	2	E2V	5962-8768402MQA	Y QP87C51-16/BQA		420
5962-8768402QA	J	11/06/2012	1	ROCHESTER	5962-8768402MQA	Y MD87C51-16/BQA		420
5962-8768402MUA	J	11/06/2012	2	E2V		Y QP87C51-16/BUA		420
5962-8768402MUA	J	11/06/2012	1	ROCHESTER		Y 87C51-16/BUA		420
5962-8768402UA	J	11/06/2012	2	E2V	5962-8768402MUA	Y QP87C51-16/BUA		420
5962-8768402UA	J	11/06/2012	1	ROCHESTER	5962-8768402MUA	Y MR87C51-16/BUA		420
5962-8768403NXA	J	11/06/2012		(NONE)		87C51 (GEN)		420
5962-8768403NYA	J	11/06/2012		(NONE)		87C51 (GEN)		420
5962-8768404NXA	J	11/06/2012		(NONE)		87C51-16 (GEN)		420
5962-8768404NYA	J	11/06/2012		(NONE)		87C51-16 (GEN)		420
5962-8768405NXA	J	11/06/2012		(NONE)		87C51 (GEN)		420
5962-8768405NYA	J	11/06/2012		(NONE)		87C51 (GEN)		420
5962-8768406NXA	J	11/06/2012		(NONE)		87C51-16 (GEN)		420
5962-8768406NYA	J	11/06/2012		(NONE)		87C51-16 (GEN)		420
5962-8768407MMA	J	11/06/2012	2	E2V		Y 87C51/BMA OTP		420
5962-8768407MMA	J	11/06/2012	2	E2V		Y QP87C51/BMA OTP		420
5962-8768407MQA	J	11/06/2012	2	E2V		Y 87C51/BQA OTP		420
5962-8768407MQA	J	11/06/2012	2	E2V		Y QP87C51/BQA OTP		420
5962-8768407MUA	J	11/06/2012	2	E2V		Y 87C51/BUA OTP		420
5962-8768407MUA	J	11/06/2012	2	E2V		Y QP87C51/BUA OTP		420
5962-8768408MMA	J	11/06/2012	2	E2V		Y 87C51-16/BMA OTP		420
5962-8768408MMA	J	11/06/2012	2	E2V		Y QP87C51-16/BMA OTP		420
5962-8768408MQA	J	11/06/2012	2	E2V		Y 87C51-16/BQA OTP		420
5962-8768408MQA	J	11/06/2012	2	E2V		Y QP87C51-16/BQA OTP		420
5962-8768408MUA	J	11/06/2012	2	E2V		Y 87C51-16/BUA OTP		420
5962-8768408MUA	J	11/06/2012	2	E2V		Y QP87C51-16/BUA OTP		420
5962-8768501QA		11/09/1987		(NONE)		8088 (GEN)		402
5962-8768601UA	D	03/19/1999		(NONE)	08/21/1995	7217L-40 (GEN)		208
5962-8768601XA	D	03/19/1999		(NONE)	08/05/1996	7217L-40 (GEN)		208
5962-8768601YA	D	03/19/1999		(NONE)		7217L-40 (GEN)		208
5962-8768601ZA	D	03/19/1999		(NONE)	08/05/1996	7217L-40 (GEN)		208
5962-8768602TA	D	03/19/1999		(NONE)	04/01/2000	LMU17 (GEN)		208
5962-8768602UA	D	03/19/1999		(NONE)	04/01/2000	LMU17 (GEN)		208
5962-8768602XA	D	03/19/1999		(NONE)	04/01/2000	LMU17 (GEN)		208
5962-8768602YA	D	03/19/1999		(NONE)	04/01/2000	LMU17 (GEN)		208
5962-8768602ZA	D	03/19/1999		(NONE)		LMU17 (GEN)		208
5962-8768603TA	D	03/19/1999		(NONE)	04/01/2000	LMU17 (GEN)		208
5962-8768603UA	D	03/19/1999		(NONE)	04/01/2000	LMU17 (GEN)		208
5962-8768603XA	D	03/19/1999		(NONE)	04/01/2000	LMU17 (GEN)		208

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5962-8768603YA	D	03/19/1999		(NONE)	04/01/2000		LMU17 (GEN)	208
5962-8768603ZA	D	03/19/1999		(NONE)			LMU17 (GEN)	208
5962-8768604TA	D	03/19/1999		(NONE)	04/01/2000		LMU17 (GEN)	208
5962-8768604UA	D	03/19/1999		(NONE)	04/01/2000		LMU17 (GEN)	208
5962-8768604XA	D	03/19/1999		(NONE)	04/01/2000		LMU17 (GEN)	208
5962-8768604YA	D	03/19/1999		(NONE)	04/01/2000		LMU17 (GEN)	208
5962-8768605TA	D	03/19/1999		(NONE)	04/01/2000		LMU17 (GEN)	208
5962-8768605UA	D	03/19/1999		(NONE)	04/01/2000		LMU17 (GEN)	208
5962-8768605XA	D	03/19/1999		(NONE)	04/01/2000		LMU17 (GEN)	208
5962-8768605YA	D	03/19/1999		(NONE)	04/01/2000		LMU17 (GEN)	208
5962-8768606TA	D	03/19/1999		(NONE)	04/01/2000		LMU17 (GEN)	208
5962-8768606UA	D	03/19/1999		(NONE)	04/01/2000		LMU17 (GEN)	208
5962-8768606XA	D	03/19/1999		(NONE)	04/01/2000		LMU17 (GEN)	208
5962-8768606YA	D	03/19/1999		(NONE)	04/01/2000		LMU17 (GEN)	208
5962-8768701XA	E	02/09/2006		(NONE)			HSDC8920 (GEN)	594
5962-8768701YA	E	02/09/2006		(NONE)			RDC14505-638C (GEN)	594
5962-8768702XA	E	02/09/2006		(NONE)			RDC14505-639 (GEN)	594
5962-8768702YA	E	02/09/2006		(NONE)			RDC14505-639C (GEN)	594
5962-8768703XA	E	02/09/2006		(NONE)			RDC14505-641 (GEN)	594
5962-8768703YA	E	02/09/2006		(NONE)			RDC14505-641C (GEN)	594
5962-8768801XA	D	06/24/2014	1	SPECTRUM (2)		Y	MN3008MXA	591
5962-8768801XC	D	06/24/2014	1	SPECTRUM (2)		Y	MN3008MXC	591
5962-8768801YA	D	06/24/2014		(NONE)			MN3008 (GEN)	591
5962-8768802XA	D	06/24/2014	1	SPECTRUM (2)		Y	MN3009MXA	591
5962-8768802XC	D	06/24/2014	1	SPECTRUM (2)		Y	MN3009MXC	591
5962-8768802YA	D	06/24/2014		(NONE)			MN3009 (GEN)	591
5962-8768901VA	C	11/02/2015		(NONE)	08/30/2015		DG528 (GEN)	193
5962-87690012A	B	07/21/2017		(NONE)	08/02/1996		27S29 (GEN)	656
5962-8769001RA	B	07/21/2017		(NONE)	08/02/1996		27S29 (GEN)	656
5962-8769001SA	B	07/21/2017		(NONE)	08/02/1996		27S29 (GEN)	656
5962-87690022A	B	07/21/2017		(NONE)	08/02/1996		27S29A (GEN)	656
5962-8769002RA	B	07/21/2017		(NONE)	08/02/1996		27S29A (GEN)	656
5962-8769002SA	B	07/21/2017		(NONE)	08/02/1996		27S29A (GEN)	656
5962-87691012A	C	02/22/2019	2	E2V		Y	54AC151LMQB	271
5962-87691012A	C	02/22/2019	2	ROCHESTER		Y	54AC151/Q2A	271
5962-8769101EA	C	02/22/2019	2	E2V		Y	54AC151DMQB	271
5962-8769101EA	C	02/22/2019	2	ROCHESTER		Y	54AC151/QEA	271
5962-8769101FA	C	02/22/2019	2	E2V		Y	54AC151FMQB	271
5962-8769101FA	C	02/22/2019	2	ROCHESTER		Y	54AC151/QFA	271
5962-8769102VXA	C	02/22/2019		(NONE)			54AC151 (GEN)	271
5962-8769102XA	C	02/22/2019		(NONE)			54AC151 (GEN)	271
5962F8769102VXA	C	02/22/2019	2	STMICRO		Y	RHFAC151K02V	271
5962F8769102VXC	C	02/22/2019	2	STMICRO		Y	RHFAC151K01V	271
5962F8769102XA	C	02/22/2019	2	STMICRO		Y	RHFAC151K02Q	271
5962F8769102XC	C	02/22/2019	2	STMICRO		Y	RHFAC151K01Q	271
5962F8769102VYA	C	02/22/2019	2	STMICRO		Y	RHFAC151K04V	271
5962F8769102VYC	C	02/22/2019	2	STMICRO		Y	RHFAC151K03V	271
5962-87692012A	D	07/27/2016	3	E2V		Y	54AC251LMQB	272
5962-87692012A	D	07/27/2016	3	ROCHESTER		Y	54AC251/Q2A	272

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5962-8769201V2A	D	07/27/2016		(NONE)			54AC251 (GEN)	272
5962R87692012A	D	07/27/2016		(NONE)			54AC251 (GEN)	272
5962R8769201V2A	D	07/27/2016	3	ROCHESTER		Y	54AC251/V2A-R	272
5962-8769201EA	D	07/27/2016	3	E2V		Y	54AC251DMQB	272
5962-8769201EA	D	07/27/2016	3	ROCHESTER		Y	54AC251/QEA	272
5962-8769201VEA	D	07/27/2016		(NONE)			54AC251 (GEN)	272
5962R8769201EA	D	07/27/2016		(NONE)			54AC251 (GEN)	272
5962R8769201VEA	D	07/27/2016	3	ROCHESTER		Y	54AC251/VEA-R	272
5962-8769201FA	D	07/27/2016	3	E2V		Y	54AC251FMQB	272
5962-8769201FA	D	07/27/2016	3	ROCHESTER		Y	54AC251/QFA	272
5962-8769201VFA	D	07/27/2016		(NONE)			54AC251 (GEN)	272
5962R8769201FA	D	07/27/2016		(NONE)			54AC251 (GEN)	272
5962R8769201VFA	D	07/27/2016	3	ROCHESTER		Y	54AC251/VFA-R	272
5962-87693012A	C	09/22/2017	2	E2V		Y	54AC253LMQB	274
5962-87693012A	C	09/22/2017	2	ROCHESTER		Y	54AC253/Q2A	274
5962-8769301EA	C	09/22/2017	2	E2V		Y	54AC253DMQB	274
5962-8769301EA	C	09/22/2017	2	ROCHESTER		Y	54AC253/QEA	274
5962-8769301FA	C	09/22/2017	2	E2V		Y	54AC253FMQB	274
5962-8769301FA	C	09/22/2017	2	ROCHESTER		Y	54AC253/QFA	274
5962-87694012A	H	11/28/2018	2	E2V		Y	54AC374LMQB	159
5962-87694012A	H	11/28/2018	2	ROCHESTER		Y	54AC374/Q2A	159
5962-87694012A	H	11/28/2018	3	TI		Y	SNJ54AC374FK	159
5962-8769401RA	H	11/28/2018	2	E2V		Y	54AC374DMQB	159
5962-8769401RA	H	11/28/2018	2	ROCHESTER		Y	54AC374/QRA	159
5962-8769401RA	H	11/28/2018	3	TI		Y	SNJ54AC374J	159
5962-8769401VRA	H	11/28/2018		(NONE)	11/28/2015		54AC374 (GEN)	159
5962F8769401RA	H	11/28/2018	2	STMICRO		Y	RHFAC374D04Q	159
5962F8769401RC	H	11/28/2018	2	STMICRO		Y	RHFAC374D03Q	159
5962F8769401VRA	H	11/28/2018	2	STMICRO		Y	RHFAC374D04V	159
5962F8769401VRC	H	11/28/2018	2	STMICRO		Y	RHFAC374D03V	159
5962-8769401SA	H	11/28/2018	2	E2V		Y	54AC374FMQB	159
5962-8769401SA	H	11/28/2018	2	ROCHESTER		Y	54AC374/QSA	159
5962-8769401SA	H	11/28/2018	3	TI		Y	SNJ54AC374W	159
5962-8769401VSA	H	11/28/2018		(NONE)	11/28/2015		54AC374 (GEN)	159
5962-8769401VXA	H	11/28/2018		(NONE)			54AC374 (GEN)	159
5962-8769401XA	H	11/28/2018		(NONE)			54AC374 (GEN)	159
5962F8769401VXA	H	11/28/2018	2	STMICRO		Y	RHFAC374K02V	159
5962F8769401VXC	H	11/28/2018	2	STMICRO		Y	RHFAC374K01V	159
5962F8769401XA	H	11/28/2018	2	STMICRO		Y	RHFAC374K02Q	159
5962F8769401XC	H	11/28/2018	2	STMICRO		Y	RHFAC374K01Q	159
5962F8769401VYA	H	11/28/2018	2	STMICRO		Y	RHFAC374K04V	159
5962F8769401VYC	H	11/28/2018	2	STMICRO		Y	RHFAC374K03V	159
5962-87695012A	C	07/16/2013	1	E2V		Y	54AC540LMQB	529
5962-87695012A	C	07/16/2013	1	ROCHESTER		Y	54AC540/Q2A	529
5962-8769501RA	C	07/16/2013	1	E2V		Y	54AC540DMQB	529
5962-8769501RA	C	07/16/2013	1	ROCHESTER		Y	54AC540/QRA	529
5962-8769501SA	C	07/16/2013	1	E2V		Y	54AC540FMQB	529
5962-8769501SA	C	07/16/2013	1	ROCHESTER		Y	54AC540/QSA	529
5962F8769502VXA	C	07/16/2013	2	STMICRO		Y	RHF54AC540K02V	529

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5962F8769502VXC	C	07/16/2013	2	STMICRO		Y	RHF54AC540K01V	529
5962-87697012A	D	11/27/2012	2	E2V	5962-8769701M2A	Y	QP54ACT377LMQB	159
5962-87697012A	D	11/27/2012	3	ROCHESTER	5962-8769701M2A	Y	54ACT377/Q2A	159
5962-8769701B2A	D	11/27/2012	3	E2V		Y	JM54ACT377B2A	159
5962-8769701B2A	D	11/27/2012	2	E2V		Y	QP54ACT377LMQB	159
5962-8769701B2A	D	11/27/2012	3	ROCHESTER		Y	54ACT377/B2A	159
5962-8769701M2A	D	11/27/2012	2	E2V		Y	QP54ACT377LMQB	159
5962-8769701M2A	D	11/27/2012	3	E2V		Y	54ACT377LMQB	159
5962-8769701M2A	D	11/27/2012	3	ROCHESTER		Y	54ACT377/M2A	159
5962-8769701S2A	D	11/27/2012		(NONE)			54ACT377 (GEN)	159
5962-8769701BRA	D	11/27/2012	3	E2V		Y	JM54ACT377BRA	159
5962-8769701BRA	D	11/27/2012	3	ROCHESTER		Y	54ACT377/BRA	159
5962-8769701MRA	D	11/27/2012	3	E2V		Y	54ACT377DMQB	159
5962-8769701MRA	D	11/27/2012	2	E2V		Y	QP54ACT377DMQB	159
5962-8769701MRA	D	11/27/2012	3	ROCHESTER		Y	54ACT377/MRA	159
5962-8769701RA	D	11/27/2012	2	E2V	5962-8769701MRA	Y	QP54ACT377DMQB	159
5962-8769701RA	D	11/27/2012	3	ROCHESTER	5962-8769701MRA	Y	54ACT377/QRA	159
5962-8769701SRA	D	11/27/2012		(NONE)			54ACT377 (GEN)	159
5962-8769701BSA	D	11/27/2012	3	E2V		Y	JM54ACT377BSA	159
5962-8769701BSA	D	11/27/2012	2	E2V		Y	QP54ACT377FMQB	159
5962-8769701BSA	D	11/27/2012	3	ROCHESTER		Y	54ACT377/BSA	159
5962-8769701MSA	D	11/27/2012	3	E2V		Y	54ACT377FMQB	159
5962-8769701MSA	D	11/27/2012	2	E2V		Y	QP54ACT377FMQB	159
5962-8769701MSA	D	11/27/2012	3	ROCHESTER		Y	54ACT377/MSA	159
5962-8769701SA	D	11/27/2012	2	E2V	5962-8769701MSA	Y	QP54ACT377FMQB	159
5962-8769701SA	D	11/27/2012	3	ROCHESTER	5962-8769701MSA	Y	54ACT377/QSA	159
5962-8769701SSA	D	11/27/2012		(NONE)			54ACT377 (GEN)	159
5962-87698012A	C	06/15/2016	3	E2V		Y	54ACT153LMQB	273
5962-87698012A	C	06/15/2016	3	ROCHESTER		Y	54ACT153/Q2A	273
5962-8769801EA	C	06/15/2016	3	E2V		Y	54ACT153DMQB	273
5962-8769801EA	C	06/15/2016	3	ROCHESTER		Y	54ACT153/QEA	273
5962-8769801FA	C	06/15/2016	3	E2V		Y	54ACT153FMQB	273
5962-8769801FA	C	06/15/2016	3	ROCHESTER		Y	54ACT153/QFA	273
5962-87699012A	L	02/26/2019		(NONE)	5962-8769901M2A		54ACT00 (GEN)	100
5962-8769901B2A	L	02/26/2019	2	E2V		Y	JM54ACT00B2A	100
5962-8769901B2A	L	02/26/2019	2	ROCHESTER		Y	54ACT00/B2A	100
5962-8769901M2A	L	02/26/2019	2	E2V		Y	54ACT00LMQB	100
5962-8769901M2A	L	02/26/2019	2	ROCHESTER		Y	54ACT00/Q2A	100
5962-8769901M2A	L	02/26/2019	2	TI		Y	SNJ54ACT00FK	100
5962-8769901S2A	L	02/26/2019		(NONE)			54ACT00 (GEN)	100
5962R8769901B2A	L	02/26/2019		(NONE)			54ACT00 (GEN)	100
5962R8769901S2A	L	02/26/2019		(NONE)			54ACT00 (GEN)	100
5962-8769901BCA	L	02/26/2019	2	E2V		Y	JM54ACT00BCA	100
5962-8769901BCA	L	02/26/2019	2	ROCHESTER		Y	54ACT00/BCA	100
5962-8769901CA	L	02/26/2019		(NONE)	5962-8769901MCA		54ACT00 (GEN)	100
5962-8769901MCA	L	02/26/2019	2	E2V		Y	54ACT00DMQB	100
5962-8769901MCA	L	02/26/2019	2	ROCHESTER		Y	54ACT00/QCA	100
5962-8769901MCA	L	02/26/2019	2	TI		Y	SNJ54ACT00J	100
5962-8769901SCA	L	02/26/2019		(NONE)			54ACT00 (GEN)	100



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5962R8769901BCA	L	02/26/2019		(NONE)			54ACT00 (GEN)	100
5962R8769901SCA	L	02/26/2019		(NONE)			54ACT00 (GEN)	100
5962-8769901BDA	L	02/26/2019	2	E2V		Y	JM54ACT00BDA	100
5962-8769901BDA	L	02/26/2019	2	ROCHESTER		Y	54ACT00/BDA	100
5962-8769901DA	L	02/26/2019		(NONE)	5962-8769901MDA		54ACT00 (GEN)	100
5962-8769901MDA	L	02/26/2019	2	E2V		Y	54ACT00FMQB	100
5962-8769901MDA	L	02/26/2019	2	ROCHESTER		Y	54ACT00/QDA	100
5962-8769901MDA	L	02/26/2019	2	TI		Y	SNJ54ACT00W	100
5962-8769901SDA	L	02/26/2019		(NONE)			54ACT00 (GEN)	100
5962R8769901BDA	L	02/26/2019		(NONE)			54ACT00 (GEN)	100
5962R8769901SDA	L	02/26/2019		(NONE)			54ACT00 (GEN)	100
5962R8769901SZA	L	02/26/2019		(NONE)			54ACT00 (GEN)	100
5962-87699022A	L	02/26/2019		(NONE)	09/15/1995		54ACT11000 (GEN)	100
5962-8769902M2A	L	02/26/2019	1	ROCHESTER		Y	54ACT11000/B2A	100
5962-8769902EA	L	02/26/2019		(NONE)	09/15/1995		54ACT11000 (GEN)	100
5962-8769902MEA	L	02/26/2019	1	ROCHESTER		Y	54ACT11000/BEA	100
5962F8769903V9A	L	02/26/2019	2	STMICRO		Y	ACT00DIE2V	100
5962F8769903QCA	L	02/26/2019	2	STMICRO		Y	RHFACT00K04Q	100
5962F8769903QCC	L	02/26/2019	2	STMICRO		Y	RHFACT00K03Q	100
5962F8769903VCA	L	02/26/2019	2	STMICRO		Y	RHFACT00K04V	100
5962F8769903VCC	L	02/26/2019	2	STMICRO		Y	RHFACT00K03V	100
5962-8769903QXA	L	02/26/2019		(NONE)			54ACT00 (GEN)	100
5962-8769903VXA	L	02/26/2019		(NONE)			54ACT00 (GEN)	100
5962F8769903QXA	L	02/26/2019	2	STMICRO		Y	RHFACT00K02Q	100
5962F8769903QXC	L	02/26/2019	2	STMICRO		Y	RHFACT00K01Q	100
5962F8769903VXA	L	02/26/2019	2	STMICRO		Y	RHFACT00K02V	100
5962F8769903VXC	L	02/26/2019	2	STMICRO		Y	RHFACT00K01V	100
5962F8769903VYA	L	02/26/2019	2	STMICRO		Y	RHFACT00K04V	100
5962F8769903VYC	L	02/26/2019	2	STMICRO		Y	RHFACT00K03V	100
5962-87700012A	C	11/19/2015	1	ANALOG (3)		Y	AD7524SE/883B	591
5962-8770001EA	C	11/19/2015	1	MAXIM INTEG.			MX7524SQ/883B	591
5962-87700022A	C	11/19/2015		(NONE)			AD7524 (GEN)	591
5962-8770002EA	C	11/19/2015	1	ANALOG (3)		Y	AD7524TQ/883B	591
5962-87700032A	C	11/19/2015	1	ANALOG (3)		Y	AD7524UE/883B	591
5962-8770003EA	C	11/19/2015	1	ANALOG (3)		Y	AD7524UQ/883B	591
5962-87701012A	D	12/10/2015		(NONE)			AD7528S (GEN)	591
5962-8770101RA	D	12/10/2015	1	ANALOG (3)		Y	AD7528SQ/883B	591
5962-87701022A	D	12/10/2015	1	ANALOG (3)		Y	AD7528TE/883B	591
5962-8770102RA	D	12/10/2015	1	ANALOG (3)		Y	AD7528TQ/883B	591
5962-87701032A	D	12/10/2015	1	ANALOG (3)		Y	AD7528UE/883B	591
5962-8770103RA	D	12/10/2015	1	ANALOG (3)		Y	AD7528UQ/883B	591
5962-87702012C	E	01/13/2016		(NONE)	04/15/2015		7545S (GEN)	591
5962-8770201RA	E	01/13/2016	1	ANALOG (3)		Y	AD7545SQ/883B	591
5962-87702022C	E	01/13/2016		(NONE)	04/15/2015		7545T (GEN)	591
5962-8770202RA	E	01/13/2016	1	ANALOG (3)			AD7545TQ/883B	591
5962-87702032C	E	01/13/2016		(NONE)	04/15/2015		7545U (GEN)	591
5962-8770203RA	E	01/13/2016	1	ANALOG (3)		Y	AD7545UQ/883B	591
5962-87702042A	E	01/13/2016		(NONE)	07/27/2015		7545AU (GEN)	591
5962-8770204RA	E	01/13/2016	1	ANALOG (3)		Y	AD7545AUQ/883B	591



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5962-87702052A	E	01/13/2016		(NONE)			7545B (GEN)	591
5962-8770205RA	E	01/13/2016		(NONE)			7545B (GEN)	591
5962-87702062A	E	01/13/2016		(NONE)			7545A (GEN)	591
5962-8770206RA	E	01/13/2016		(NONE)			7545A (GEN)	591
5962-8770207RA	E	01/13/2016		(NONE)			7545S (GEN)	591
5962-8770301WA	B	05/13/2015	1	LANSDALE		Y	SL82S212/BWA	629
5962-8770302WA	B	05/13/2015		(NONE)				629
5962-8770303WA	B	05/13/2015		(NONE)				629
5962-87704013A	C	03/22/1993		(NONE)			29C861 (GEN)	590
5962-8770401KA	C	03/22/1993		(NONE)			29C861 (GEN)	590
5962-8770401LA	C	03/22/1993		(NONE)			29C861 (GEN)	590
5962-87704023A	C	03/22/1993		(NONE)	08/04/1995		29C863 (GEN)	590
5962-8770402KA	C	03/22/1993		(NONE)	08/04/1995		29C863 (GEN)	590
5962-8770402LA	C	03/22/1993		(NONE)	08/04/1995		29C863 (GEN)	590
5962-8770403LA	C	03/22/1993		(NONE)			29C961 (GEN)	590
5962-8770404LA	C	03/22/1993		(NONE)			29C963 (GEN)	590
5962-87704053A	C	03/22/1993		(NONE)			29C861A (GEN)	590
5962-8770405KA	C	03/22/1993		(NONE)			29C861A (GEN)	590
5962-8770405LA	C	03/22/1993		(NONE)			29C861A (GEN)	590
5962-87704063A	C	03/22/1993		(NONE)			29C863A (GEN)	590
5962-8770406KA	C	03/22/1993		(NONE)			29C863A (GEN)	590
5962-8770406LA	C	03/22/1993		(NONE)			29C863A (GEN)	590
5962-8770501XA	B	11/21/2005	1	LANSDALE		Y	SL68172/BXA	420
5962-8770601GA	B	11/16/2010		(NONE)	10/15/2003		OP-17A (GEN)	703
5962-8770601PA	B	11/16/2010		(NONE)	10/15/2003		OP-17A (GEN)	703
5962-8770602GA	B	11/16/2010		(NONE)	10/15/2003		OP-17B (GEN)	703
5962-8770602PA	B	11/16/2010		(NONE)	10/15/2003		OP-17B (GEN)	703
5962-87707012A	D	07/18/2017	1	ROCHESTER		Y	2907/B2A	590
5962-8770701RA	D	07/18/2017	1	ROCHESTER		Y	2907/BRA	590
5962-8770701SA	D	07/18/2017	1	ROCHESTER		Y	2907/BSA	590
5962-8770801QA	D	04/22/2008		(NONE)	05/10/1995		29C10A (GEN)	420
5962-8770801UA	D	04/22/2008		(NONE)	05/10/1995		29C10A (GEN)	420
5962-8770802QA	D	04/22/2008		(NONE)	05/01/1995		39C10B (GEN)	420
5962-8770802UA	D	04/22/2008		(NONE)	05/01/1995		39C10B (GEN)	420
5962-8770803QA	D	04/22/2008		(NONE)	05/01/1995		39C10C (GEN)	420
5962-8770803UA	D	04/22/2008		(NONE)	05/01/1995		39C10C (GEN)	420
5962-8770804QA	D	04/22/2008		(NONE)	03/05/1996		7C910-51 (GEN)	420
5962-8770804UA	D	04/22/2008		(NONE)			7C910-51 (GEN)	420
5962-8770805QA	D	04/22/2008	2	SRI		Y	GEM38105QQA	420
5962-8770805QC	D	04/22/2008	2	SRI		Y	GEM38105QQC	420
5962-8770805UA	D	04/22/2008	2	SRI		Y	GEM38105QUA	420
5962-8770805UC	D	04/22/2008	2	SRI		Y	GEM38105QUC	420
5962-87710012A	L	01/15/2015	1	TI		Y	LM158FKB	710
5962-8771001GA	L	01/15/2015		(NONE)	12/01/2009		LM158 (GEN)	710
5962-8771001PA	L	01/15/2015	1	TI		Y	LM158JGB	710
5962-87710022A	L	01/15/2015	1	TI		Y	LM158AFKB	710
5962R8771002V9A	L	01/15/2015	1	TI		Y	LM158A MDR	710
5962-8771002GA	L	01/15/2015	1	TI		Y	LM158AH/883	710
5962-8771002VGA	L	01/15/2015		(NONE)	12/03/2008		LM158A (GEN)	710

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5962L8771002QGA	L	01/15/2015		(NONE)			LM158A (GEN)	710
5962L8771002VGA	L	01/15/2015		(NONE)	12/03/2008		LM158A (GEN)	710
5962R8771002VGA	L	01/15/2015	1	TI		Y	LM158AHRQMLV	710
5962-8771002PA	L	01/15/2015	1	TI		Y	LM158AJGB	710
5962-8771002PA	L	01/15/2015	1	TI		Y	LM158AJ/883	710
5962-8771002VPA	L	01/15/2015		(NONE)	12/01/2009		LM158A (GEN)	710
5962L8771002QPA	L	01/15/2015		(NONE)			LM158A (GEN)	710
5962L8771002VPA	L	01/15/2015		(NONE)	12/01/2009		LM158A (GEN)	710
5962R8771002VPA	L	01/15/2015	1	TI		Y	LM158AJRQMLV	710
5962-8771002QXA	L	01/15/2015	1	TI		Y	LM158AWG/883	710
5962-8771002VXA	L	01/15/2015		(NONE)	12/03/2008		LM158A (GEN)	710
5962L8771002QXA	L	01/15/2015		(NONE)			LM158A (GEN)	710
5962L8771002VXA	L	01/15/2015		(NONE)	12/03/2008		LM158A (GEN)	710
5962R8771002VXA	L	01/15/2015	1	TI		Y	LM158AWGRQMLV	710
5962R8771003V9A	L	01/15/2015	1	TI		Y	LM158A MDE	710
5962R8771003VGA	L	01/15/2015	1	TI		Y	LM158AHLRQMLV	710
5962R8771003VPA	L	01/15/2015	1	TI		Y	LM158AJRLQMLV	710
5962R8771003VXA	L	01/15/2015	1	TI		Y	LM158AWGRLQMLV	710
5962-8771101EA	C	02/15/2018	1	LANSDALE		Y	SL54221/BEA	166
5962-8771101EA	C	02/15/2018	2	TI			SNJ54221J	166
5962-8771201XA	D	07/21/2017		(NONE)			2004-25 (GEN)	612
5962-8771201YA	D	07/21/2017		(NONE)			2004-25 (GEN)	612
5962-8771202XA	D	07/21/2017		(NONE)			2004 (GEN)	612
5962-8771202YA	D	07/21/2017		(NONE)			2004 (GEN)	612
5962-8771301QA	A	11/14/1991		(NONE)	06/15/1996		8274 (GEN)	420
5962-8771401GA	D	11/16/2010		(NONE)	04/14/2001		OP-14A (GEN)	710
5962-8771401PA	D	11/16/2010		(NONE)	04/14/2001		OP-14A (GEN)	710
5962-8771402GA	D	11/16/2010		(NONE)			OP-14B (GEN)	710
5962-8771402PA	D	11/16/2010		(NONE)			OP-14B (GEN)	710
5962-8771501CA	D	05/15/2017	1	MICROSS		Y	MTLT1002AQD	710
5962-8771601EA	C	04/02/2018	1	ANALOG (2)		Y	MUX-08AQ	193
5962-87716022A	C	04/02/2018	1	ANALOG (2)		Y	MUX-08BRC	193
5962-8771602EA	C	04/02/2018	1	ANALOG (2)		Y	MUX-08BQ	193
5962-8771701XA	B	12/11/2002		(NONE)	12/17/2009		MUX-16A (GEN)	195
5962-87717023A	B	12/11/2002		(NONE)	12/17/2009		MUX-16B (GEN)	195
5962-8771702XA	B	12/11/2002		(NONE)	12/17/2009		MUX-16B (GEN)	195
5962-8771801EA	B	08/03/2011		(NONE)			MUX-24A (GEN)	192
5962-8771802EA	B	08/03/2011		(NONE)			MUX-24B (GEN)	192
5962-87719012A	F	05/04/2016		(NONE)			AD625 (GEN)	754
5962-8771901EA	F	05/04/2016	1	ANALOG (2)		Y	AD625SD/883B	754
5962-87721012A	E	06/30/2014	3	TI		Y	SNJ54HC125FK	520
5962-8772101CA	E	06/30/2014	3	TI		Y	SNJ54HC125J	520
5962-8772101DA	E	06/30/2014		(NONE)			54HC125 (GEN)	520
5962-87722012A	C	08/29/2017	1	TI		Y	CD54HC4075FK	125
5962-8772201CA	C	08/29/2017	1	TI		Y	CD54HC4075BF3A	125
5962-8772201DA	C	08/29/2017		(NONE)			54HC4075 (GEN)	125
5962-87723012A	A	02/02/2012	1	ROCHESTER		Y	54HC133/B2A	108
5962-8772301EA	A	02/02/2012	1	ROCHESTER		Y	54HC133/BEA	108
5962-87724012A	D	05/27/2014		(NONE)	11/28/2015		54HC193 (GEN)	304

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5962-8772401EA	D	05/27/2014	3	TI		Y	CD54HC193F3A	304
5962-8772401EA	D	05/27/2014	3	TI		Y	SNJ54HC193J	304
5962-8772401VXA	D	05/27/2014		(NONE)			54HC193 (GEN)	304
5962-8772401XA	D	05/27/2014		(NONE)			54HC193 (GEN)	304
5962-8772501RA	C	06/22/2012	1	TI		Y	CD54HCT273F3A	159
5962-87727012A	E	07/27/2017	1	MICROSS		Y	AS10H507EC20/883C	140
5962-8772701EA	E	07/27/2017	1	MICROSS		Y	AS10H507C16/883C	140
5962-8772701FA	E	07/27/2017		(NONE)	09/30/1995		10H507 (GEN)	140
5962-87728012A	C	10/20/2009		(NONE)			10H519 (GEN)	142
5962-8772801EA	C	10/20/2009		(NONE)			10H519 (GEN)	142
5962-8772801FA	C	10/20/2009		(NONE)			10H519 (GEN)	142
5962-87729012A	F	01/09/2019	1	MICROSS		Y	AS10H564EC20/883C	271
5962-8772901EA	F	01/09/2019	1	MICROSS		Y	AS10H564C16/883C	271
5962-8772901FA	F	01/09/2019		(NONE)	09/30/1995		10H564 (GEN)	271
5962-8772901XA	F	01/09/2019	1	MICROSS		Y	AS10H564F16/883C	271
5962-87730012A	C	10/26/2009		(NONE)			10H521 (GEN)	142
5962-8773001EA	C	10/26/2009		(NONE)			10H521 (GEN)	142
5962-8773001FA	C	10/26/2009		(NONE)			10H521 (GEN)	142
5962-87732012A	B	10/21/1991		(NONE)			54HC76 (GEN)	156
5962-8773201EA	B	10/21/1991		(NONE)			54HC76 (GEN)	156
5962-87733012A	D	08/29/2017		(NONE)			54HC4511 (GEN)	291
5962-8773301EA	D	08/29/2017	1	TI		Y	CD54HC4511F3A	291
5962-8773401VA	B	05/14/1992		(NONE)	12/24/1997		82C28410 (GEN)	422
5962-8773402VA	B	05/14/1992		(NONE)	12/24/1997		82C2848 (GEN)	422
5962-8773403VA	B	05/14/1992		(NONE)	12/24/1997		82C2846 (GEN)	422
5962-8773501XC	B	06/01/1998		(NONE)	09/07/2001		2100S (GEN)	432
5962-8773502XA	B	06/01/1998		(NONE)			2100T (GEN)	432
5962-8773503XC	B	06/01/1998		(NONE)	09/07/2001		2100AS (GEN)	432
5962-8773504XC	B	06/01/1998		(NONE)	09/07/2001		2100AT (GEN)	432
5962-8773505XC	B	06/01/1998		(NONE)	09/07/2001		2100AU (GEN)	432
5962-8773506XC	B	06/01/1998		(NONE)	09/07/2001		2100AV (GEN)	432
5962-87738012A	F	12/13/2017	1	ANALOG (2)		Y	OP77B	701
5962-8773801GA	F	12/13/2017		(NONE)			OP77B (GEN)	701
5962-8773801PA	F	12/13/2017		(NONE)			OP77B (GEN)	701
5962-8773802V2A	F	12/13/2017	1	ANALOG (4)		Y	OP77ARC/QMLV	701
5962-8773802GA	F	12/13/2017	1	ANALOG (2)		Y	OP77A	701
5962-8773802VGA	F	12/13/2017	1	ANALOG (4)		Y	OP77AJ/QMLV	701
5962-8773802VHA	F	12/13/2017	1	ANALOG (4)		Y	OP77AL/QMLV	701
5962-8773802PA	F	12/13/2017	1	ANALOG (2)		Y	OP77A	701
5962-8773802VPA	F	12/13/2017	1	ANALOG (4)		Y	OP77AZ/QMLV	701
5962-8773803GA	F	12/13/2017		(NONE)	03/30/2001		LT1001A (GEN)	701
5962-8773803PA	F	12/13/2017		(NONE)	03/30/2001		LT1001A (GEN)	701
5962-87739012A	K	03/08/2018	1	E2V		Y	LM139LMB	776
5962-87739012A	K	03/08/2018	1	TI		Y	LM139AFKB	776
5962-8773901V2A	K	03/08/2018		(NONE)	04/01/2014		PM139A (GEN)	776
5962R8773901V2A	K	03/08/2018	1	ANALOG (4)		Y	PM139ARC/QMLR	776
5962-8773901CA	K	03/08/2018	1	TI		Y	LM139AJB	776
5962-8773901VCA	K	03/08/2018		(NONE)	08/31/2011		PM139A (GEN)	776
5962R8773901VCA	K	03/08/2018	1	ANALOG (4)		Y	PM139AY/QMLR	776

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5962-8773901DA	K	03/08/2018	1	TI		Y	LM139AWB	776
5962-8773901DA	K	03/08/2018	1	TI		Y	LM139AW-SMD	776
5962-8773901VDA	K	03/08/2018		(NONE)	04/01/2014		PM139A (GEN)	776
5962R8773901VDA	K	03/08/2018	1	ANALOG (4)		Y	PM139AM/QMLR	776
5962-8773901XA	K	03/08/2018	1	TI		Y	LM139AWG-SMD	776
5962R8773902V2A	K	03/08/2018		(NONE)	08/31/2011		PM139 (GEN)	776
5962R8773902VCA	K	03/08/2018		(NONE)	08/31/2011		PM139 (GEN)	776
5962R8773902VDA	K	03/08/2018		(NONE)	08/31/2011		PM139 (GEN)	776
5962L8773903VDA	K	03/08/2018	1	ANALOG (4)		Y	PM139AM/QMLL	776
5962-87740012A	F	10/18/2018	1	MICROSEMI (1)		Y	SG1543L/883B	787
5962-8774001EA	F	10/18/2018	1	MICROSEMI (1)		Y	SG1543J/883B	787
5962-8774001EA	F	10/18/2018	1C	TI		Y	UC1543J/883B	787
5962-8774001FA	F	10/18/2018	1C	TI		Y	UC1543W/883B	787
5962-8774002VA	F	10/18/2018	1	MICROSEMI (1)		Y	SG1544J/883B	787
5962-8774101TA	K	04/01/2016		(NONE)			OM3914 (GEN)	781
5962-8774101UA	K	04/01/2016	1	MICROSS		Y	LT-LT1033-003-TO-01	781
5962-8774101UA	K	04/01/2016	1	MICROSS		Y	MTLT1033QP	781
5962P8774101UA	K	04/01/2016		(NONE)			LT1033 (GEN)	781
5962-8774101XA	K	04/01/2016	1	MICROSS		Y	MTLT1033QK	781
5962-8774101YA	K	04/01/2016	1	MICROSS		Y	MTLT1033QU	781
5962-87742012A	E	03/08/2018	1	TI		Y	UC1834L/883B	789
5962-8774201V2A	E	03/08/2018	1	TI		Y	UC1834LQMLV	789
5962-8774201EA	E	03/08/2018	1	TI		Y	UC1834J/883B	789
5962-8774201VEA	E	03/08/2018	1	TI		Y	UC1834JQMLV	789
5962-8774301MEA	D	12/13/2018	1	LANSDALE		Y	SL12511E1	350
5962-8774301MFA	D	12/13/2018	1	LANSDALE		Y	SL12511F1	350
5962-8774401QA	B	08/01/2017		(NONE)	04/15/1994		27210 (GEN)	664
5962-8774402QA	B	08/01/2017		(NONE)			27210 (GEN)	664
5962-8774801MEA	C	02/08/2019	1	LANSDALE		Y	ML12509E1	350
5962-8774801MFA	C	02/08/2019	1	LANSDALE		Y	ML12509F1	350
5962-8774901MEA	D	02/08/2019	1	LANSDALE		Y	ML12513E1	350
5962-87750012A	A	01/07/2010		(NONE)			10612 (GEN)	149
5962-8775001EA	A	01/07/2010		(NONE)			10612 (GEN)	149
5962-8775001FA	A	01/07/2010		(NONE)			10612 (GEN)	149
5962-8775101MEA	B	06/02/2014	0	SRI		Y	GEM43901QEA	410
5962-8775101MEC	B	06/02/2014	0	SRI		Y	GEM43901QEC	410
5962-87752012A	D	02/11/2019		LANSDALE		Y	ML12540/B2A	802
5962-8775201CA	D	02/11/2019		LANSDALE		Y	ML12540/BCA	802
5962-8775301EA		07/19/1988		(NONE)			14551B (GEN)	199
5962-8775401EA	C	09/22/2017	1	TI		Y	CD54HC4053F3A	199
5962-87755013A	D	08/17/2017		(NONE)	08/04/1995		29821A (GEN)	421
5962-8775501KA	D	08/17/2017		(NONE)	08/04/1995		29821A (GEN)	421
5962-8775501LA	D	08/17/2017		(NONE)	08/04/1995		29821A (GEN)	421
5962-87755023A	D	08/17/2017		(NONE)	08/04/1995		29823A (GEN)	421
5962-8775502KA	D	08/17/2017		(NONE)	08/04/1995		29823A (GEN)	421
5962-8775502LA	D	08/17/2017		(NONE)	08/04/1995		29823A (GEN)	421
5962-87755033A	D	08/17/2017		(NONE)	06/30/1994		29825A (GEN)	421
5962-8775503KA	D	08/17/2017		(NONE)	06/30/1994		29825A (GEN)	421
5962-8775503LA	D	08/17/2017		(NONE)	06/30/1994		29825A (GEN)	421

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5962-8775504LA	D	08/17/2017		(NONE)		29921A (GEN)		421
5962-8775505LA	D	08/17/2017		(NONE)		29923A (GEN)		421
5962-8775506LA	D	08/17/2017		(NONE)		29925A (GEN)		421
5962-8775507Q3A	D	08/17/2017	3	SRI		Y GEM32307Q3A		421
5962-8775507Q3C	D	08/17/2017	3	SRI		Y GEM32307Q3C		421
5962-8775507QKA	D	08/17/2017	3	SRI		Y GEM32307QKA		421
5962-8775507QKC	D	08/17/2017	3	SRI		Y GEM32307QKC		421
5962-8775507QLA	D	08/17/2017		(NONE)		29823A (GEN)		421
5962-8775508Q3A	D	08/17/2017	3	SRI		Y GEM32208Q3A		421
5962-8775508Q3C	D	08/17/2017	3	SRI		Y GEM32208Q3C		421
5962-8775508QKA	D	08/17/2017	3	SRI		Y GEM32208QKA		421
5962-8775508QKC	D	08/17/2017	3	SRI		Y GEM32208QKC		421
5962-8775508QLA	D	08/17/2017		(NONE)		29825A (GEN)		421
5962-8775509QLA	D	08/17/2017	3	SRI		Y GEM32109QLA		421
5962-8775509QLC	D	08/17/2017	3	SRI		Y GEM32109QLC		421
5962-87756012A	H	08/15/2018	1C	E2V		Y 54AC273LMQB		159
5962-87756012A	H	08/15/2018	1C	E2V		Y EV54AC273LMQB		159
5962-87756012A	H	08/15/2018	3B	ROCHESTER		Y 54AC273/Q2A		159
5962F8775601V9A	H	08/15/2018	2	STMICRO		Y AC273DIE2V		159
5962-8775601RA	H	08/15/2018	1C	E2V		Y 54AC273DMQB		159
5962-8775601RA	H	08/15/2018	1C	E2V		Y EV54AC273DMQB		159
5962-8775601RA	H	08/15/2018	3B	ROCHESTER		Y 54AC273/QRA		159
5962F8775601RA	H	08/15/2018	2	STMICRO		Y RHFAC273D04Q		159
5962F8775601RC	H	08/15/2018	2	STMICRO		Y RHFAC273D03Q		159
5962F8775601VRA	H	08/15/2018	2	STMICRO		Y RHFAC273D04V		159
5962F8775601VRC	H	08/15/2018	2	STMICRO		Y RHFAC273D03V		159
5962-8775601SA	H	08/15/2018	1C	E2V		Y EV54AC273FMQB		159
5962-8775601SA	H	08/15/2018	1C	E2V		Y 54AC273FMQB		159
5962-8775601SA	H	08/15/2018	3B	ROCHESTER		Y 54AC273/QSA		159
5962-8775601VSA	H	08/15/2018		(NONE)		54AC273 (GEN)		159
5962-8775601VXA	H	08/15/2018		(NONE)		54AC273 (GEN)		159
5962-8775601XA	H	08/15/2018		(NONE)		54AC273 (GEN)		159
5962F8775601VXA	H	08/15/2018	2	STMICRO		Y RHFAC273K02V		159
5962F8775601VXC	H	08/15/2018	2	STMICRO		Y RHFAC273K01V		159
5962F8775601XA	H	08/15/2018	2	STMICRO		Y RHFAC273K02Q		159
5962F8775601XC	H	08/15/2018	2	STMICRO		Y RHFAC273K01Q		159
5962F8775601VYA	H	08/15/2018	2	STMICRO		Y RHFAC273K04V		159
5962F8775601VYC	H	08/15/2018	2	STMICRO		Y RHFAC273K03V		159
5962-8775601ZA	H	08/15/2018	1C	E2V		Y EV54AC273WG-QML		159
5962-8775601ZA	H	08/15/2018	1C	E2V		Y 54AC273WG-QML		159
5962-8775601ZA	H	08/15/2018	3B	ROCHESTER		Y 54AC273/QZA		159
5962-87757012A	E	03/13/2017	3	E2V		Y 54ACT174LMQB		159
5962-87757012A	E	03/13/2017	3	ROCHESTER		Y 54ACT174/Q2A		159
5962-8775701EA	E	03/13/2017	3	E2V		Y 54ACT174DMQB		159
5962-8775701EA	E	03/13/2017	3	ROCHESTER		Y 54ACT174/QEA		159
5962-8775701FA	E	03/13/2017	3	E2V		Y 54ACT174FMQB		159
5962-8775701FA	E	03/13/2017	3	ROCHESTER		Y 54ACT174/QFA		159
5962-8775701VXA	E	03/13/2017		(NONE)		54ACT174 (GEN)		159
5962-8775701XA	E	03/13/2017		(NONE)		54ACT174 (GEN)		159



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5962-8775702VXA	E	03/13/2017		(NONE)			54ACT174 (GEN)	159
5962-8775702XA	E	03/13/2017		(NONE)			54ACT174 (GEN)	159
5962F8775702VXA	E	03/13/2017	2	STMICRO		Y	RHFACT174K02V	159
5962F8775702VXC	E	03/13/2017	2	STMICRO		Y	RHFACT174K01V	159
5962F8775702XA	E	03/13/2017	2	STMICRO		Y	RHFACT174K02Q	159
5962F8775702XC	E	03/13/2017	2	STMICRO		Y	RHFACT174K01Q	159
5962-87758012A	J	03/27/2018	3	E2V		Y	54AC245LMQB	590
5962-87758012A	J	03/27/2018	3	ROCHESTER		Y	54AC245/Q2A	590
5962-87758012A	J	03/27/2018	3	TI		Y	SNJ54AC245FK	590
5962-8775801RA	J	03/27/2018	3	E2V		Y	54AC245DMQB	590
5962-8775801RA	J	03/27/2018	3	ROCHESTER		Y	54AC245/QRA	590
5962-8775801RA	J	03/27/2018	3	TI		Y	SNJ54AC245J	590
5962-8775801VRA	J	03/27/2018		(NONE)	11/28/2015		54AC245 (GEN)	590
5962-8775801SA	J	03/27/2018	3	E2V		Y	54AC245FMQB	590
5962-8775801SA	J	03/27/2018	3	ROCHESTER		Y	54AC245/QSA	590
5962-8775801SA	J	03/27/2018	3	TI		Y	SNJ54AC245W	590
5962-8775801VSA	J	03/27/2018	3	TI		Y	SNV54AC245W	590
5962-8775801VXA	J	03/27/2018		(NONE)			54AC245 (GEN)	590
5962-8775801XA	J	03/27/2018		(NONE)			54AC245 (GEN)	590
5962-8775801ZA	J	03/27/2018	3	E2V		Y	54AC245WG-QML	590
5962-8775801ZA	J	03/27/2018	3	ROCHESTER		Y	54AC245/QZA	590
5962F8775802V9A	J	03/27/2018	2	STMICRO		Y	AC245DIE2V	590
5962F8775802RA	J	03/27/2018	2	STMICRO		Y	RHFAC245D04Q	590
5962F8775802RC	J	03/27/2018	2	STMICRO		Y	RHFAC245D03Q	590
5962F8775802VRA	J	03/27/2018	2	STMICRO		Y	RHFAC245D04V	590
5962F8775802VRC	J	03/27/2018	2	STMICRO		Y	RHFAC245D03V	590
5962-8775802VXA	J	03/27/2018		(NONE)			54AC245 (GEN)	590
5962-8775802XA	J	03/27/2018		(NONE)			54AC245 (GEN)	590
5962F8775802VXA	J	03/27/2018	2	STMICRO		Y	RHFAC245K02V	590
5962F8775802VXC	J	03/27/2018	2	STMICRO		Y	RHFAC245K01V	590
5962F8775802XA	J	03/27/2018	2	STMICRO		Y	RHFAC245K02Q	590
5962F8775802XC	J	03/27/2018	2	STMICRO		Y	RHFAC245K01Q	590
5962F8775802VYA	J	03/27/2018	2	STMICRO		Y	RHFAC245K04V	590
5962F8775802VYC	J	03/27/2018	2	STMICRO		Y	RHFAC245K03V	590
5962-87759012A	H	11/28/2018	3	E2V	5962-8775901M2A	Y	54ACT240LMQB	529
5962-87759012A	H	11/28/2018	3A	E2V	5962-8775901M2A	Y	QP54ACT240LMQB	529
5962-8775901B2A	H	11/28/2018	3	E2V		Y	JM54ACT240B2A	529
5962-8775901B2A	H	11/28/2018	3A	E2V		Y	QP54ACT240B2A	529
5962-8775901B2A	H	11/28/2018	3	ROCHESTER		Y	54ACT240/B2A	529
5962-8775901M2A	H	11/28/2018	3	E2V		Y	54ACT240LMQB	529
5962-8775901M2A	H	11/28/2018	3A	E2V		Y	QP54ACT240LMQB	529
5962-8775901M2A	H	11/28/2018	3	ROCHESTER		Y	54ACT240/Q2A	529
5962-8775901M2A	H	11/28/2018	2	TI		Y	SNJ54ACT240FK	529
5962-8775901S2A	H	11/28/2018		(NONE)			54ACT240 (GEN)	529
5962R8775901B2A	H	11/28/2018		(NONE)			54ACT240 (GEN)	529
5962R8775901S2A	H	11/28/2018		(NONE)			54ACT240 (GEN)	529
5962-8775901BRA	H	11/28/2018	3	E2V		Y	JM54ACT240BRA	529
5962-8775901BRA	H	11/28/2018	3A	E2V		Y	QP54ACT240BRA	529
5962-8775901BRA	H	11/28/2018	3	ROCHESTER		Y	54ACT240/BRA	529



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5962-8775901MRA	H	11/28/2018	3	E2V		Y	54ACT240DMQB	529
5962-8775901MRA	H	11/28/2018	3A	E2V		Y	QP54ACT240DMQB	529
5962-8775901MRA	H	11/28/2018	3	ROCHESTER		Y	54ACT240/QRA	529
5962-8775901MRA	H	11/28/2018	2	TI		Y	SNJ54ACT240J	529
5962-8775901RA	H	11/28/2018	3	E2V	5962-8775901MRA	Y	54ACT240DMQB	529
5962-8775901RA	H	11/28/2018	3A	E2V	5962-8775901MRA	Y	QP54ACT240DMQB	529
5962-8775901SRA	H	11/28/2018		(NONE)			54ACT240 (GEN)	529
5962R8775901BRA	H	11/28/2018		(NONE)			54ACT240 (GEN)	529
5962R8775901SRA	H	11/28/2018		(NONE)			54ACT240 (GEN)	529
5962-8775901BSA	H	11/28/2018	3	E2V		Y	JM54ACT240BSA	529
5962-8775901BSA	H	11/28/2018	3A	E2V		Y	QP54ACT240BSA	529
5962-8775901BSA	H	11/28/2018	3	ROCHESTER		Y	54ACT240/BSA	529
5962-8775901MSA	H	11/28/2018	3	E2V		Y	54ACT240FMQB	529
5962-8775901MSA	H	11/28/2018	3A	E2V		Y	QP54ACT240FMQB	529
5962-8775901MSA	H	11/28/2018	3	ROCHESTER		Y	54ACT240/QSA	529
5962-8775901MSA	H	11/28/2018	2	TI		Y	SNJ54ACT240W	529
5962-8775901SA	H	11/28/2018	3	E2V	5962-8775901MSA	Y	54ACT240FMQB	529
5962-8775901SA	H	11/28/2018	3A	E2V	5962-8775901MSA	Y	QP54ACT240FMQB	529
5962-8775901SSA	H	11/28/2018		(NONE)			54ACT240 (GEN)	529
5962R8775901BSA	H	11/28/2018		(NONE)			54ACT240 (GEN)	529
5962R8775901SSA	H	11/28/2018		(NONE)			54ACT240 (GEN)	529
5962R8775901SZA	H	11/28/2018		(NONE)			54ACT240 (GEN)	529
5962-87759023A	H	11/28/2018		(NONE)	09/15/1995		54ACT11240 (GEN)	529
5962-8775902M3A	H	11/28/2018		(NONE)	09/15/1995		54ACT11240 (GEN)	529
5962-8775902LA	H	11/28/2018		(NONE)	09/15/1995		54ACT11240 (GEN)	529
5962-8775902MLA	H	11/28/2018		(NONE)	09/15/1995		54ACT11240 (GEN)	529
5962-8775903QXA	H	11/28/2018		(NONE)			54ACT240 (GEN)	529
5962-8775903VXA	H	11/28/2018		(NONE)			54ACT240 (GEN)	529
5962F8775903QXA	H	11/28/2018	2	STMICRO		Y	RHFACT240K02Q	529
5962F8775903QXC	H	11/28/2018	2	STMICRO		Y	RHFACT240K01Q	529
5962F8775903VXA	H	11/28/2018	2	STMICRO		Y	RHFACT240K02V	529
5962F8775903VXC	H	11/28/2018	2	STMICRO		Y	RHFACT240K01V	529
5962F8775903VYA	H	11/28/2018	2	STMICRO		Y	RHFACT240K04V	529
5962F8775903VYC	H	11/28/2018	2	STMICRO		Y	RHFACT240K03V	529
5962-87760012A	L	03/22/2018	3	E2V	5962-8776001M2A	Y	54ACT244LMQB	529
5962-87760012A	L	03/22/2018	2	E2V	5962-8776001M2A	Y	QP54ACT244LMQB	529
5962-8776001B2A	L	03/22/2018	3	E2V		Y	JM54ACT244B2A	529
5962-8776001B2A	L	03/22/2018	2	E2V		Y	QP54ACT244LMQB	529
5962-8776001B2A	L	03/22/2018	3	ROCHESTER		Y	54ACT244/B2A	529
5962-8776001M2A	L	03/22/2018	3	E2V		Y	54ACT244LMQB	529
5962-8776001M2A	L	03/22/2018	2	E2V		Y	QP54ACT244LMQB	529
5962-8776001M2A	L	03/22/2018	3	ROCHESTER		Y	54ACT244/Q2A	529
5962-8776001M2A	L	03/22/2018	2	TI		Y	SNJ54ACT244FK	529
5962-8776001S2A	L	03/22/2018	2	TI		Y	SNV54ACT244FK	529
5962R8776001B2A	L	03/22/2018		(NONE)			54ACT244 (GEN)	529
5962R8776001S2A	L	03/22/2018		(NONE)			54ACT244 (GEN)	529
5962-8776001BRA	L	03/22/2018	3	E2V		Y	JM54ACT244BRA	529
5962-8776001BRA	L	03/22/2018	2	E2V		Y	QP54ACT244DMQB	529
5962-8776001BRA	L	03/22/2018	3	ROCHESTER		Y	54ACT244/BRA	529

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5962-8776001MRA	L	03/22/2018	3	E2V		Y 54ACT244DMQB		529
5962-8776001MRA	L	03/22/2018	2	E2V		Y QP54ACT244DMQB		529
5962-8776001MRA	L	03/22/2018	3	ROCHESTER		Y 54ACT244/QRA		529
5962-8776001MRA	L	03/22/2018	2	TI		Y SNJ54ACT244J		529
5962-8776001RA	L	03/22/2018	3	E2V	5962-8776001MRA	Y 54ACT244DMQB		529
5962-8776001RA	L	03/22/2018	2	E2V	5962-8776001MRA	Y QP54ACT244DMQB		529
5962-8776001SRA	L	03/22/2018	2	TI		Y SNV54ACT244J		529
5962R8776001BRA	L	03/22/2018		(NONE)		54ACT244 (GEN)		529
5962R8776001SRA	L	03/22/2018		(NONE)		54ACT244 (GEN)		529
5962-8776001BSA	L	03/22/2018	3	E2V		Y JM54ACT244BSA		529
5962-8776001BSA	L	03/22/2018	2	E2V		Y QP54ACT244FMQB		529
5962-8776001BSA	L	03/22/2018	3	ROCHESTER		Y 54ACT244/BSA		529
5962-8776001MSA	L	03/22/2018	3	E2V		Y 54ACT244FMQB		529
5962-8776001MSA	L	03/22/2018	2	E2V		Y QP54ACT244FMQB		529
5962-8776001MSA	L	03/22/2018	3	ROCHESTER		Y 54ACT244/QSA		529
5962-8776001MSA	L	03/22/2018	2	TI		Y SNJ54ACT244W		529
5962-8776001SA	L	03/22/2018	3	E2V	5962-8776001MSA	Y 54ACT244FMQB		529
5962-8776001SA	L	03/22/2018	2	E2V	5962-8776001MSA	Y QP54ACT244FMQB		529
5962-8776001SSA	L	03/22/2018	2	TI		Y SNV54ACT244W		529
5962F8776001SSA	L	03/22/2018		(NONE)		54ACT244 (GEN)		529
5962R8776001BSA	L	03/22/2018		(NONE)		54ACT244 (GEN)		529
5962R8776001SSA	L	03/22/2018		(NONE)		54ACT244 (GEN)		529
5962F8776001SZA	L	03/22/2018		(NONE)	06/20/2008	54ACT244 (GEN)		529
5962R8776001SZA	L	03/22/2018		(NONE)	06/20/2008	54ACT244 (GEN)		529
5962-87760023A	L	03/22/2018		(NONE)	09/15/1995	54ACT11244 (GEN)		529
5962-8776002M3A	L	03/22/2018		(NONE)	09/15/1995	54ACT11244 (GEN)		529
5962-8776002LA	L	03/22/2018		(NONE)	09/15/1995	54ACT11244 (GEN)		529
5962-8776002MLA	L	03/22/2018		(NONE)	09/15/1995	54ACT11244 (GEN)		529
5962F8776003V9A	L	03/22/2018	2	STMICRO		Y ACT244DIE2V		529
5962F8776003QRA	L	03/22/2018	2	STMICRO		Y RHFACT244D04Q		529
5962F8776003QRC	L	03/22/2018	2	STMICRO		Y RHFACT244D03Q		529
5962F8776003VRA	L	03/22/2018	2	STMICRO		Y RHFACT244D04V		529
5962F8776003VRC	L	03/22/2018	2	STMICRO		Y RHFACT244D03V		529
5962-8776003QXA	L	03/22/2018		(NONE)		54ACT244 (GEN)		529
5962-8776003VXA	L	03/22/2018		(NONE)		54ACT244 (GEN)		529
5962F8776003QXA	L	03/22/2018	2	STMICRO		Y RHFACT244K02Q		529
5962F8776003QXC	L	03/22/2018	2	STMICRO		Y RHFACT244K01Q		529
5962F8776003VXA	L	03/22/2018	2	STMICRO		Y RHFACT244K02V		529
5962F8776003VXC	L	03/22/2018	2	STMICRO		Y RHFACT244K01V		529
5962F8776003VYA	L	03/22/2018	2	STMICRO		Y RHFACT244K04V		529
5962F8776003VYC	L	03/22/2018	2	STMICRO		Y RHFACT244K03V		529
5962-87761012A	D	11/29/2017	3	E2V		Y 54ACT253LMQB		274
5962-87761012A	D	11/29/2017	3	ROCHESTER		Y 54ACT253/Q2A		274
5962-8776101EA	D	11/29/2017	3	E2V		Y 54ACT253DMQB		274
5962-8776101EA	D	11/29/2017	3	ROCHESTER		Y 54ACT253/QEA		274
5962-8776101FA	D	11/29/2017	3	E2V		Y 54ACT253FMQB		274
5962-8776101FA	D	11/29/2017	3	ROCHESTER		Y 54ACT253/QFA		274
5962-87762012A	C	04/20/2018		(NONE)		AD7575S (GEN)		592
5962-8776201VA	C	04/20/2018		(NONE)		AD7575S (GEN)		592

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5962-87762022A	C	04/20/2018		(NONE)			AD7575T (GEN)	592
5962-8776202VA	C	04/20/2018	1	ANALOG (3)		Y	AD7575TQ/883B	592
5962-87763013C	B	01/15/2016		(NONE)			7537S (GEN)	591
5962-8776301LA	B	01/15/2016		(NONE)	07/27/2015		7537S (GEN)	591
5962-87763023C	B	01/15/2016		(NONE)			7537T (GEN)	591
5962-8776302LA	B	01/15/2016		(NONE)			7537T (GEN)	591
5962-87763033C	B	01/15/2016		(NONE)			7537U (GEN)	591
5962-8776303LA	B	01/15/2016		(NONE)	07/27/2015		7537U (GEN)	591
5962-87766012A	E	05/15/2015	2	TI			SNJ54AS804BFB	509
5962-8776601RA	E	05/15/2015	2	TI			SNJ54AS804BJ	509
5962-8776601SA	E	05/15/2015	2	TI			SNJ54AS804BW	509
5962-87767012A	C	02/21/2019	3	TI			SNJ54AS760FK	529
5962-8776701RA	C	02/21/2019	3	TI			SNJ54AS760J	529
5962-8776701SA	C	02/21/2019		(NONE)	11/28/2015		54AS760 (GEN)	529
5962-87769012A	C	01/04/2016	0	SRI		Y	GEM41801Q2A	569
5962-87769012C	C	01/04/2016	0	SRI		Y	GEM41801Q2C	569
5962-8776901EA	C	01/04/2016	0	SRI		Y	GEM41801QEA	569
5962-8776901EC	C	01/04/2016	0	SRI		Y	GEM41801QEC	569
5962-87770012A	E	09/24/2018	1	MICROSEMI (1)		Y	SG1532L	780
5962-8777001CA	E	09/24/2018		MICROSEMI (1)		Y	SG1532J	780
5962-8777001IA	E	09/24/2018		MICROSEMI (1)		Y	SG1532T	780
5962-87771013A	H	03/02/2018		(NONE)			OP-400A (GEN)	713
5962-8777101M3A	H	03/02/2018	1	ANALOG (2)		Y	OP400ATC/883	713
5962-8777101V3A	H	03/02/2018	1	ANALOG (4)		Y	OP400ATC/QMLV	713
5962-8777101CA	H	03/02/2018		(NONE)			OP-400A (GEN)	713
5962-8777101MCA	H	03/02/2018	1	ANALOG (2)		Y	OP400AY/883	713
5962-8777101VCA	H	03/02/2018	1	ANALOG (4)		Y	OP400AY/QMLV	713
5962R8777101VCA	H	03/02/2018	1	ANALOG (4)		Y	OP400AY/QMLR	713
5962-8777101VKA	H	03/02/2018	1	ANALOG (4)		Y	OP400AN/QMLV	713
5962R8777101VKA	H	03/02/2018	1	ANALOG (4)		Y	OP400AN/QMLR	713
5962L8777102VKA	H	03/02/2018	1	ANALOG (4)		Y	OP400AN/QMLL	713
5962-8777201LA		05/25/1988		(NONE)	06/30/1994		2952A (GEN)	421
5962-8777202LA		05/25/1988		(NONE)			2953A (GEN)	421
5962-87773012A	B	06/20/2007		(NONE)	09/30/1995		10598 (GEN)	165
5962-8777301EA	B	06/20/2007		(NONE)	09/30/1995		10598 (GEN)	165
5962-8777301FA	B	06/20/2007		(NONE)	09/30/1995		10598 (GEN)	165
5962-8777401YA	C	05/09/2017		(NONE)			LM109 (GEN)	782
5962-8777501YA	D	08/03/2016	1	SEMELAB		Y	IP123K-05-DESC	782
5962-8777502YA	D	08/03/2016		(NONE)			LM123A (GEN)	782
5962-87776012A	L	12/03/2018	1	MICROSEMI (1)		Y	SG7812AL/883B	782
5962-87776014A	L	12/03/2018		(NONE)			1812 (GEN)	782
5962-87776015A	L	12/03/2018		(NONE)			1812 (GEN)	782
5962-8777601MA	L	12/03/2018		(NONE)			1812 (GEN)	782
5962-8777601NA	L	12/03/2018		(NONE)			1812 (GEN)	782
5962-8777601PA	L	12/03/2018		(NONE)			78M12A (GEN)	782
5962-8777601TA	L	12/03/2018	1	MICROSEMI (1)		Y	SG7812AG/883B	782
5962-8777601UA	L	12/03/2018	1	MICROSEMI (1)		Y	SG7812AIG/883B	782
5962-8777601UA	L	12/03/2018	1	SEMELAB		Y	IP7812AIG-DESC	782
5962F8777601UA	L	12/03/2018		(NONE)			7812A (GEN)	782

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5962-8777601XA	L	12/03/2018	1	MICROSEMI (1)		Y SG7812AT/883B		782
5962-8777601XA	L	12/03/2018	1	SEMELAB		Y IP78M12AH-DESC		782
5962-8777601YA	L	12/03/2018	1	MICROSEMI (1)		Y SG7812AK/883B		782
5962-8777601ZA	L	12/03/2018	1	MICROSEMI (1)		Y SG7812AR/883B		782
5962-87776022A	L	12/03/2018		(NONE)	05/31/1994	78M12 (GEN)		782
5962-8777602PA	L	12/03/2018		(NONE)		78M12 (GEN)		782
5962-8777602XA	L	12/03/2018		(NONE)		78M12 (GEN)		782
5962-8777701XA	B	01/16/2001		(NONE)	12/03/2008	LM194 (GEN)		790
5962-8777801XA	C	05/03/2018	3	TI		Y LM195H/883		790
5962-8777801YA	C	05/03/2018		(NONE)	12/01/2009	LM195 (GEN)		790
5962-8778001CA	A	01/20/2011		(NONE)		INA101 (GEN)		754
5962-8778002IA	A	01/20/2011		(NONE)		INA101 (GEN)		754
5962-87782012A	M	11/13/2018	1	MICROSEMI (1)		Y SG7805AL/883B		782
5962-87782015A	M	11/13/2018		(NONE)		7805 (GEN)		782
5962-87782016A	M	11/13/2018		(NONE)		7805 (GEN)		782
5962-8778201MA	M	11/13/2018		(NONE)		1805 (GEN)		782
5962-8778201NA	M	11/13/2018		(NONE)		7805 (GEN)		782
5962-8778201TA	M	11/13/2018	1	MICROSEMI (1)		Y SG7805AG/883B		782
5962-8778201TA	M	11/13/2018	1	SEMELAB		Y IP7805AG-DESC		782
5962-8778201UA	M	11/13/2018	1	MICROSEMI (1)		Y SG7805AIG/883B		782
5962-8778201UA	M	11/13/2018	1	SEMELAB		Y IP7805AIG-DESC		782
5962F8778201UA	M	11/13/2018		(NONE)		7805A (GEN)		782
5962-8778201XA	M	11/13/2018	1	MICROSEMI (1)		Y SG7805AT/883B		782
5962-8778201XA	M	11/13/2018	1	SEMELAB		Y IP78M05AH-DESC		782
5962-8778201YA	M	11/13/2018	1	MICROSEMI (1)		Y SG7805AK/883B		782
5962-8778201ZA	M	11/13/2018	1	MICROSEMI (1)		Y SG7805AR/883B		782
5962-87782022A	M	11/13/2018		(NONE)	05/31/1994	78M05 (GEN)		782
5962-8778202PA	M	11/13/2018		(NONE)		78M05 (GEN)		782
5962-8778202XA	M	11/13/2018		(NONE)		78M05 (GEN)		782
5962-87782032A	M	11/13/2018		(NONE)		7805A (GEN)		782
5962-87782034A	M	11/13/2018		(NONE)		7805A (GEN)		782
5962-87783012A	C	01/18/2011		(NONE)	10/03/2004	HA-2400 (GEN)		739
5962-8778301EA	C	01/18/2011		(NONE)	12/10/2015	HA-2400 (GEN)		739
5962-87784012A	E	01/18/2011		(NONE)	02/22/2013	HA-5190 (GEN)		755
5962-8778401CA	E	01/18/2011		(NONE)	10/03/2004	HA-5190 (GEN)		755
5962-8778401XC	E	01/18/2011		(NONE)		HA-5190 (GEN)		755
5962-87784022A	E	01/18/2011		(NONE)	09/30/1993	EL-2190 (GEN)		755
5962-8778402CA	E	01/18/2011		(NONE)	09/30/1993	EL-2190 (GEN)		755
5962-8778402XA	E	01/18/2011		(NONE)	09/30/1993	EL-2190 (GEN)		755
5962-8778501CA	D	02/10/2011		(NONE)	07/02/2004	HA-2541 (GEN)		755
5962-8778501XC	D	02/10/2011		(NONE)		HA-2541 (GEN)		755
5962-87785022A	D	02/10/2011		(NONE)		EL2041 (GEN)		755
5962-8778502CA	D	02/10/2011		(NONE)		EL2041 (GEN)		755
5962-8778502XA	D	02/10/2011		(NONE)		EL2041 (GEN)		755
5962-8778503CA	D	02/10/2011		(NONE)	07/02/2004	HA-2841 (GEN)		755
5962-8778503PA	D	02/10/2011		(NONE)	09/29/1999	HA-2841 (GEN)		755
5962-8778601VA	C	01/28/2016	1	E2V		TDC1046B8V		592
5962-87787012A	C	04/08/2013		(NONE)	03/31/1995	HA-2539 (GEN)		755
5962-8778701CA	C	04/08/2013		(NONE)	04/30/2018	HA-2539 (GEN)		755

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5962-87787022A	C	04/08/2013		(NONE)	09/30/1993		EL2039 (GEN)	755
5962-8778702CA	C	04/08/2013		(NONE)	09/30/1993		EL2039 (GEN)	755
5962-87788012A	E	05/28/2013		(NONE)			82S129 (GEN)	653
5962-8778801EA	E	05/28/2013		(NONE)			82S129 (GEN)	653
5962-8778801FA	E	05/28/2013		(NONE)			82S129 (GEN)	653
5962-87788022A	E	05/28/2013		(NONE)			82S129A (GEN)	653
5962-8778802EA	E	05/28/2013		(NONE)			82S129A (GEN)	653
5962-8778802FA	E	05/28/2013		(NONE)			82S129A (GEN)	653
5962-87789012A	D	05/18/2018	1	ANALOG (2)		Y	AD558SE/883B	591
5962-8778901EA	D	05/18/2018	1	ANALOG (2)		Y	AD558SD/883B	591
5962-87789022A	D	05/18/2018	1	ANALOG (2)		Y	AD558TE/883B	591
5962-8778902EA	D	05/18/2018	1	ANALOG (2)		Y	AD558TD/883B	591
5962-87791012A	E	04/06/2018	2	SRI		Y	GEM12101Q2A	670
5962-87791012C	E	04/06/2018	2	SRI		Y	GEM12101Q2C	670
5962-8779101EA	E	04/06/2018	2	SRI		Y	GEM12101QEA	670
5962-8779101EC	E	04/06/2018	2	SRI		Y	GEM12101QEC	670
5962-87791022A	E	04/06/2018		(NONE)			57402 (GEN)	670
5962-8779102VA	E	04/06/2018		(NONE)			57402 (GEN)	670
5962-87791032A	E	04/06/2018	2	SRI		Y	GEM12103Q2A	670
5962-87791032C	E	04/06/2018	2	SRI		Y	GEM12103Q2C	670
5962-8779103EA	E	04/06/2018	2	SRI		Y	GEM12103QEA	670
5962-8779103EC	E	04/06/2018	2	SRI		Y	GEM12103QEC	670
5962-87791042A	E	04/06/2018		(NONE)			57402A (GEN)	670
5962-8779104VA	E	04/06/2018		(NONE)			57402A (GEN)	670
5962-87791052A	E	04/06/2018	2	SRI		Y	GEM12105Q2A	670
5962-87791052C	E	04/06/2018	2	SRI		Y	GEM12105Q2C	670
5962-8779105EA	E	04/06/2018	2	SRI		Y	GEM12105QEA	670
5962-8779105EC	E	04/06/2018	2	SRI		Y	GEM12105QEC	670
5962-87791062A	E	04/06/2018		(NONE)			C57402 (GEN)	670
5962-8779106VA	E	04/06/2018		(NONE)			C57402 (GEN)	670
5962-87791072A	E	04/06/2018	2	SRI		Y	GEM12107Q2A	670
5962-87791072C	E	04/06/2018	2	SRI		Y	GEM12107Q2C	670
5962-8779107EA	E	04/06/2018	2	SRI		Y	GEM12107QEA	670
5962-8779107EC	E	04/06/2018	2	SRI		Y	GEM12107QEC	670
5962-87791082A	E	04/06/2018		(NONE)			C57402A (GEN)	670
5962-8779108VA	E	04/06/2018		(NONE)			C57402A (GEN)	670
5962-8779109EA	E	04/06/2018		(NONE)			57L401D (GEN)	670
5962-8779110VA	E	04/06/2018		(NONE)			57L402D (GEN)	670
5962-8779111EA	E	04/06/2018		(NONE)			57L4013D (GEN)	670
5962-87791122A	E	04/06/2018	0	SRI		Y	GEM12112Q2A	670
5962-87791122C	E	04/06/2018	0	SRI		Y	GEM12112Q2C	670
5962-8779112EA	E	04/06/2018	0	SRI		Y	GEM12112QEA	670
5962-8779112EC	E	04/06/2018	0	SRI		Y	GEM12112QEC	670
5962-87792012A	D	03/22/2017	1	LANSDALE		Y	SL10558/B2A	275
5962-87792012A	D	03/22/2017	3	SRI		Y	GEM17601Q2A	275
5962-87792012C	D	03/22/2017	1	LANSDALE		Y	SL10558/B2C	275
5962-87792012C	D	03/22/2017	3	SRI		Y	GEM17601Q2C	275
5962-8779201EA	D	03/22/2017	1	LANSDALE		Y	SL10558/BEA	275
5962-8779201EA	D	03/22/2017	3	SRI		Y	GEM17601QEA	275



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5962-8779201EC	D	03/22/2017	3	SRI		Y GEM17601QEC		275
5962-8779201FA	D	03/22/2017	1	LANSDALE		Y SL10558/BFA		275
5962-8779201FA	D	03/22/2017	3	SRI		Y GEM17601QFA		275
5962-8779201FC	D	03/22/2017	3	SRI		Y GEM17601QFC		275
5962-87793012A	C	01/04/2016	3	SRI		Y GEM32401Q2A		159
5962-87793012C	C	01/04/2016	3	SRI		Y GEM32401Q2C		159
5962-8779301EA	C	01/04/2016	3	SRI		Y GEM32401QEA		159
5962-8779301EC	C	01/04/2016	3	SRI		Y GEM32401QEC		159
5962-8779301FA	C	01/04/2016	3	SRI		Y GEM32401QFA		159
5962-8779301FC	C	01/04/2016	3	SRI		Y GEM32401QFC		159
5962-87794012A	C	11/20/2008	1	TI		SNJ54AS805BFBK		503
5962-8779401RA	C	11/20/2008		(NONE)	11/28/2015	54AS805B (GEN)		503
5962-8779401SA	C	11/20/2008		(NONE)	11/28/2015	54AS805B (GEN)		503
5962-8780101XA	D	03/20/2018		ANALOG (2)		Y AD567SD/883B		591
5962-87802012A	E	06/01/2018	1	ANALOG (3)		Y AD7226TE/883B		591
5962-87802012A	E	06/01/2018	1	TI		Y TLC7226MFKB		591
5962-87802012C	E	06/01/2018	1	TI		Y TLC7226MFKB		591
5962-8780201RA	E	06/01/2018	1	ANALOG (3)		Y AD7226TQ/883B		591
5962-8780301AA	E	07/18/2017		(NONE)		4344 (GEN)		802
5962-8780301CA	E	07/18/2017	1	LANSDALE		Y ML4344/BCA		802
5962-8780301DA	E	07/18/2017	1	LANSDALE		Y ML4344/BDA		802
5962-87804012A	A	01/27/2005		(NONE)		54AS21 (GEN)		114
5962-8780401BA	A	01/27/2005		(NONE)		54AS21 (GEN)		114
5962-8780401CA	A	01/27/2005		(NONE)		54AS21 (GEN)		114
5962-8780401DA	A	01/27/2005		(NONE)		54AS21 (GEN)		114
5962-8780501EA	C	09/22/2017	1	TI		Y CD54HC221F3A		166
5962-87805022A	C	09/22/2017	1	ROCHESTER		Y 54HC221AE/883C		166
5962-8780502EA	C	09/22/2017	1	ROCHESTER		Y 54HC221AJ//883C		166
5962-87806012A	E	07/27/2017		(NONE)		54HC299 (GEN)		228
5962-8780601RA	E	07/27/2017	1	TI		Y CD54HC299F3A		228
5962-87807012A	D	08/29/2017	3	TI		Y SNJ54HC377FK		159
5962-8780701RA	D	08/29/2017	3	TI		Y SNJ54HC377J		159
5962-87808012A	C	08/29/2017		(NONE)		54HC192 (GEN)		301
5962-8780801EA	C	08/29/2017	1	TI		Y CD54HC192F3A		301
5962-87809012A	C	02/14/2013		(NONE)	11/28/2015	54HC640 (GEN)		590
5962-8780901RA	C	02/14/2013	3	TI		Y SNJ54HC640J		590
5962-8850101YA	H	04/16/2012	3A	ROCHESTER		Y MQ80C186-10/BYA		403
5962-8850101YC	H	04/16/2012	3A	ROCHESTER		Y MQ80C186-10/BYC		403
5962-8850101ZA	H	04/16/2012	3A	ROCHESTER		Y MG80C186-10/BZA		403
5962-8850101ZC	H	04/16/2012	3A	ROCHESTER		Y MG80C186-10/BZC		403
5962-8850102YA	H	04/16/2012	3A	ROCHESTER		Y MQ80C186-12/BYA		403
5962-8850102YC	H	04/16/2012	3A	ROCHESTER		Y MQ80C186-12/BYC		403
5962-8850102ZA	H	04/16/2012	3A	ROCHESTER		Y MG80C186-12/BZA		403
5962-8850102ZC	H	04/16/2012	3A	ROCHESTER		Y MG80C186-12/BZC		403
5962-8850103ZA	H	04/16/2012		(NONE)	12/24/1997	80C186XL20 (GEN)		403
5962-8850104ZA	H	04/16/2012		(NONE)	12/24/1997	80C186XL16 (GEN)		403
5962-8850105ZA	H	04/16/2012		(NONE)	12/24/1997	80C186XL12 (GEN)		403
5962-8850106ZA	H	04/16/2012		(NONE)	12/24/1997	80C186XL10 (GEN)		403
5962-88502012A	E	10/19/2017	1	RENESAS		Y HA4-5104		713



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5962-8850201CA	E	10/19/2017	1	RENESAS		Y	HA1-5104	713
5962-88503012C	K	10/15/2015		(NONE)			TSC426 (GEN)	539
5962-8850301PA	K	10/15/2015	1	MAXIM INTEG.			TSC426MJA/883B	539
5962-88503022C	K	10/15/2015	1	MAXIM INTEG.			TSC427MNP/883B	539
5962-8850302PA	K	10/15/2015	1	MAXIM INTEG.			TSC427MJA/883B	539
5962-88503032C	K	10/15/2015		(NONE)	07/10/2015		TSC428 (GEN)	539
5962-8850303PA	K	10/15/2015	1	MAXIM INTEG.			TSC428MJA/883B	539
5962-88503042A	K	10/15/2015		(NONE)			TSC4423 (GEN)	599
5962-8850304PA	K	10/15/2015		(NONE)	03/31/1998		MIC4423 (GEN)	599
5962-88503052A	K	10/15/2015		(NONE)			TSC4424 (GEN)	599
5962-8850305PA	K	10/15/2015	1	MICROSS		Y	MYX6M4424C8	599
5962-88503062A	K	10/15/2015		(NONE)			TSC4425 (GEN)	599
5962-8850306HA	K	10/15/2015		(NONE)	03/31/1998		MIC4425 (GEN)	599
5962-8850306PA	K	10/15/2015		(NONE)	03/31/1998		MIC4425 (GEN)	599
5962-88503072A	K	10/15/2015		(NONE)			TSC4426 (GEN)	539
5962-8850307PA	K	10/15/2015		MICREL			MIC4426AJBQ	539
5962-88503082A	K	10/15/2015		(NONE)			TSC4427 (GEN)	539
5962-8850308HA	K	10/15/2015		(NONE)	03/31/1998		MIC4427 (GEN)	539
5962-8850308PA	K	10/15/2015		MICREL			MIC4427AJBQ	539
5962-88503092A	K	10/15/2015		(NONE)			TSC4428 (GEN)	539
5962-8850309PA	K	10/15/2015		MICREL			MIC4428AJBQ	539
5962-8850310XA	K	10/15/2015	1	MICROSS		Y	AS404F10	599
5962-8850401LA	E	03/24/2015		(NONE)			PLS161 (GEN)	431
5962-8850402LA	E	03/24/2015	1	E2V		Y	PLS173/BLA	431
5962-8850501RA	C	02/01/2018	1	ANALOG (2)		Y	AD573SD/883	592
5962-8850502RA	C	02/01/2018	1	ANALOG (2)		Y	AD673SD/883	592
5962-8850601XC		04/25/1988		(NONE)	06/29/2001		68901-4 (GEN)	429
5962-8850601YA		04/25/1988		(NONE)	06/29/2001		68901-4 (GEN)	429
5962-8850602XC		04/25/1988		(NONE)	06/29/2001		68901-5 (GEN)	429
5962-8850602YA		04/25/1988		(NONE)	06/29/2001		68901-5 (GEN)	429
5962-8850701LA	C	02/02/2018		(NONE)			PLS179 (GEN)	431
5962-8850801XA	F	02/26/2018	1	DATEL		Y	ADC-HX/883B	592
5962-8850801XC	F	02/26/2018	1	DATEL		Y	ADC-HX/883B	592
5962-8850802XA	F	02/26/2018	1	DATEL		Y	ADC-HZ/883B	592
5962-8850802XC	F	02/26/2018	1	DATEL		Y	ADC-HZ/883B	592
5962-8850901XA	F	09/18/2014		(NONE)	08/29/2003		AD390S (GEN)	591
5962-8850901XC	F	09/18/2014		(NONE)	08/29/2003		AD390S (GEN)	591
5962-8850902XA	F	09/18/2014	1	ANALOG (6)		Y	AD390TD/883B	591
5962-8850902XC	F	09/18/2014		(NONE)	08/29/2003		AD390T (GEN)	591
5962-8851001XA	B	01/15/1998		(NONE)	04/14/2001		AD394S (GEN)	591
5962-8851002XA	B	01/15/1998		(NONE)	04/14/2001		AD394T (GEN)	591
5962-8851003XA	B	01/15/1998		(NONE)			AD395S (GEN)	591
5962-8851004XA	B	01/15/1998		(NONE)			AD395T (GEN)	591
5962-88511012A	D	03/30/2017	1	TI		Y	SNJ55116FK	590
5962-8851101EA	D	03/30/2017	1	TI		Y	SNJ55116J	590
5962-88511022A	D	03/30/2017		(NONE)			55117 (GEN)	590
5962-8851102PA	D	03/30/2017		(NONE)			55117 (GEN)	590
5962-88511032A	D	03/30/2017	0	SRI		Y	GEM38603Q2A	590
5962-88511032C	D	03/30/2017	0	SRI		Y	GEM38603Q2C	590

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5962-8851103EA	D	03/30/2017	0	SRI		Y GEM38603QEA		590
5962-8851103EC	D	03/30/2017	0	SRI		Y GEM38603QEC		590
5962-88511042A	D	03/30/2017		(NONE)		55119 (GEN)		590
5962-8851104PA	D	03/30/2017		(NONE)		55119 (GEN)		590
5962-8851201QEA	B	03/05/2018	1	ROCHESTER		Y 55138/BEA		590
5962-88513012A	G	01/26/2015	1	ANALOG (2)		Y OP42ARC/883		703
5962-8851301V2A	G	01/26/2015		(NONE)		OP42A (GEN)		703
5962-8851301GA	G	01/26/2015	1	ANALOG (2)		Y OP42AJ/883		703
5962-8851301VGA	G	01/26/2015	1	ANALOG (4)		Y OP42AJ/QMLV		703
5962-8851301PA	G	01/26/2015	1	ANALOG (2)		Y OP42AZ/883		703
5962-8851301VPA	G	01/26/2015	1	ANALOG (4)		Y OP42AZ/QMLV		703
5962-8851302HA	G	01/26/2015		ANALOG (2)		Y OP42BL/883		703
5962-8851401XA	J	10/11/2017		(NONE)	09/01/2000	HS9403-8 (GEN)		433
5962-8851402XA	J	10/11/2017		(NONE)	09/01/2000	HS9403-16 (GEN)		433
5962-8851402YA	J	10/11/2017		(NONE)		HS9403-16 (GEN)		433
5962-8851403XA	J	10/11/2017	1	DATEL		Y HDAS-8/883		433
5962-8851403XC	J	10/11/2017	1	DATEL		Y HDAS-8/883		433
5962-8851404XA	J	10/11/2017	1	DATEL		Y HDAS-16/883		433
5962-8851404XC	J	10/11/2017	1	DATEL		Y HDAS-16/883		433
5962-88515012A	B	02/02/2018		(NONE)	08/04/1995	PAL16L8B-4 (GEN)		431
5962-8851501RA	B	02/02/2018		(NONE)	08/04/1995	PAL16L8B-4 (GEN)		431
5962-8851501SA	B	02/02/2018		(NONE)	08/04/1995	PAL16L8B-4 (GEN)		431
5962-88515022A	B	02/02/2018		(NONE)	08/04/1995	PAL16R8B-4 (GEN)		431
5962-8851502RA	B	02/02/2018		(NONE)	08/04/1995	PAL16R8B-4 (GEN)		431
5962-8851502SA	B	02/02/2018		(NONE)	08/04/1995	PAL16R8B-4 (GEN)		431
5962-88515032A	B	02/02/2018		(NONE)	08/04/1995	PAL16R6B-4 (GEN)		431
5962-8851503RA	B	02/02/2018		(NONE)	08/04/1995	PAL16R6B-4 (GEN)		431
5962-8851503SA	B	02/02/2018		(NONE)	08/04/1995	PAL16R6B-4 (GEN)		431
5962-88515042A	B	02/02/2018		(NONE)	08/04/1995	PAL16R4B-4 (GEN)		431
5962-8851504RA	B	02/02/2018		(NONE)	08/04/1995	PAL16R4B-4 (GEN)		431
5962-8851504SA	B	02/02/2018		(NONE)	08/04/1995	PAL16R4B-4 (GEN)		431
5962-88516013A	F	06/19/2017	1B	SRI		Y GEM19401Q3A		421
5962-88516013C	F	06/19/2017	1B	SRI		Y GEM19401Q3C		421
5962-8851601KA	F	06/19/2017	1B	SRI		Y GEM19401QKA		421
5962-8851601KC	F	06/19/2017	1B	SRI		Y GEM19401QKC		421
5962-8851601LA	F	06/19/2017	1B	SRI		Y GEM19401QLA		421
5962-8851601LC	F	06/19/2017	1B	SRI		Y GEM19401QLC		421
5962-88516023A	F	06/19/2017	1B	SRI		Y GEM18902Q3A		421
5962-88516023C	F	06/19/2017	1B	SRI		Y GEM18902Q3C		421
5962-8851602KA	F	06/19/2017	1B	SRI		Y GEM18902QKA		421
5962-8851602KC	F	06/19/2017	1B	SRI		Y GEM18902QKC		421
5962-8851602LA	F	06/19/2017	1B	SRI		Y GEM18902QLA		421
5962-8851602LC	F	06/19/2017	1B	SRI		Y GEM18902QLC		421
5962-8851603LA	F	06/19/2017		(NONE)		29C921 (GEN)		421
5962-8851604LA	F	06/19/2017		(NONE)		29C923 (GEN)		421
5962-88516053A	F	06/19/2017		(NONE)		29C821A (GEN)		421
5962-8851605KA	F	06/19/2017		(NONE)		29C821A (GEN)		421
5962-8851605LA	F	06/19/2017		(NONE)		29C821A (GEN)		421
5962-88516063A	F	06/19/2017		(NONE)		29C823A (GEN)		421

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5962-8851606KA	F	06/19/2017		(NONE)			29C823A (GEN)	421
5962-8851606LA	F	06/19/2017		(NONE)			29C823A (GEN)	421
5962-8851701XA	C	04/23/2004		(NONE)			DAC-02310 (GEN)	591
5962-8851701YA	C	04/23/2004		(NONE)			DAC-02311 (GEN)	591
5962-8851702XA	C	04/23/2004		(NONE)			DAC-02310 (GEN)	591
5962-8851702YA	C	04/23/2004		(NONE)			DAC-02311 (GEN)	591
5962-88518013A	E	01/15/2016	1	E2V		Y	QP7C225A-30LMB	656
5962-8851801LA	E	01/15/2016	1	E2V		Y	QP7C225A-30DMB	656
5962-88518023A	E	01/15/2016	1	E2V		Y	QP7C225A-35LMB	656
5962-8851802LA	E	01/15/2016	1	E2V		Y	QP7C225A-35DMB	656
5962-88518033A	E	01/15/2016	1	E2V		Y	QP7C225A-40LMB	656
5962-8851803LA	E	01/15/2016	1	E2V		Y	QP7C225A-40DMB	656
5962-88518043A	E	01/15/2016	1	E2V		Y	QP7C225A-30LMB	656
5962-88518043A	E	01/15/2016	2	E2V		Y	CY7C225A-30LMB	656
5962-8851804LA	E	01/15/2016	1	E2V		Y	QP7C225A-30DMB	656
5962-8851804LA	E	01/15/2016	2	E2V		Y	CY7C225A-30DMB	656
5962-88518053A	E	01/15/2016	1	E2V		Y	QP7C225A-35LMB	656
5962-88518053A	E	01/15/2016	2	E2V		Y	CY7C225A-35LMB	656
5962-8851805LA	E	01/15/2016	2	E2V		Y	CY7C225A-35DMB	656
5962-8851805LA	E	01/15/2016	1	E2V		Y	QP7C225A-35DMB	656
5962-88518063A	E	01/15/2016	1	E2V		Y	QP7C225A-40LMB	656
5962-88518063A	E	01/15/2016	2	E2V		Y	CY7C225A-40LMB	656
5962-8851806LA	E	01/15/2016	1	E2V		Y	QP7C225A-40DMB	656
5962-8851806LA	E	01/15/2016	2	E2V		Y	CY7C225A-40DMB	656
5962-88518073A	E	01/15/2016	1	E2V		Y	QP7C225A-25LMB	656
5962-88518073A	E	01/15/2016	2	E2V		Y	CY7C225A-25LMB	656
5962-8851807LA	E	01/15/2016	1	E2V		Y	QP7C225A-25DMB	656
5962-8851807LA	E	01/15/2016	2	E2V		Y	CY7C225A-25DMB	656
5962-8851901VA	A	11/13/2006		(NONE)	07/01/1994		2981 (GEN)	539
5962-8851902VA	A	11/13/2006		(NONE)	07/01/1994		2983 (GEN)	539
5962-88520012A	G	04/13/2018	3	E2V		Y	54AC74LMQB	158
5962-88520012A	G	04/13/2018	3	ROCHESTER		Y	54AC74/Q2A	158
5962-88520012A	G	04/13/2018	3	TI		Y	SNJ54AC74FK	158
5962-8852001CA	G	04/13/2018	3	E2V		Y	54AC74DMQB	158
5962-8852001CA	G	04/13/2018	3	ROCHESTER		Y	54AC74/QCA	158
5962-8852001CA	G	04/13/2018	3	TI		Y	SNJ54AC74J	158
5962-8852001VCA	G	04/13/2018		(NONE)	11/28/2015		54AC74 (GEN)	158
5962-8852001DA	G	04/13/2018	3	E2V		Y	54AC74FMQB	158
5962-8852001DA	G	04/13/2018	3	ROCHESTER		Y	54AC74/QDA	158
5962-8852001DA	G	04/13/2018	3	TI		Y	SNJ54AC74W	158
5962-8852001VDA	G	04/13/2018	3	TI		Y	SNV54AC74W	158
5962-8852001VXA	G	04/13/2018		(NONE)			54AC74 (GEN)	158
5962-8852001XA	G	04/13/2018		(NONE)			54AC74 (GEN)	158
5962-88520022A	G	04/13/2018		(NONE)	09/15/1995		54AC11074 (GEN)	158
5962-8852002CA	G	04/13/2018		(NONE)	09/15/1995		54AC11074 (GEN)	158
5962-8852002DA	G	04/13/2018		(NONE)	09/15/1995		54AC11074 (GEN)	158
5962F88520039A	G	04/13/2018		(NONE)			54AC74 (GEN)	158
5962F8852003V9A	G	04/13/2018	2	STMICRO		Y	AC74DIE2V	158
5962F8852003CA	G	04/13/2018	2	STMICRO		Y	RHFAC74D04Q	158

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5962F8852003CC	G	04/13/2018	2	STMICRO		Y RHFAC74D03Q		158
5962F8852003VCA	G	04/13/2018	2	STMICRO		Y RHFAC74D04V		158
5962F8852003VCC	G	04/13/2018	2	STMICRO		Y RHFAC74D03V		158
5962-8852003VXA	G	04/13/2018		(NONE)		54AC74 (GEN)		158
5962-8852003XA	G	04/13/2018		(NONE)		54AC74 (GEN)		158
5962F8852003VXA	G	04/13/2018	2	STMICRO		Y RHFAC74K02V		158
5962F8852003VXC	G	04/13/2018	2	STMICRO		Y RHFAC74K01V		158
5962F8852003XA	G	04/13/2018	2	STMICRO		Y RHFAC74K02Q		158
5962F8852003XC	G	04/13/2018	2	STMICRO		Y RHFAC74K01Q		158
5962F8852003VYA	G	04/13/2018	2	STMICRO		Y RHFAC74K04V		158
5962F8852003VYC	G	04/13/2018	2	STMICRO		Y RHFAC74K03V		158
5962-88522012A	C	05/15/2015	2	TI		SNJ54AS808BFBK		502
5962-8852201RA	C	05/15/2015	2	TI		SNJ54AS808BJ		502
5962-8852201SA	C	05/15/2015	2	TI		SNJ54AS808BW		502
5962-88523012A	B	08/14/2008	1	TI		SNJ54AS832BFBK		509
5962-8852301RA	B	08/14/2008		(NONE)	11/28/2015	54AS832B (GEN)		509
5962-8852301SA	B	08/14/2008		(NONE)	11/28/2015	54AS832B (GEN)		509
5962-8852501UA	F	02/09/2018		(NONE)		28C256-35 (GEN)		662
5962-8852501XA	F	02/09/2018		(NONE)	07/10/2014	28C256-35 (GEN)		662
5962-8852501YA	F	02/09/2018		(NONE)		28C256-35 (GEN)		662
5962-8852501ZA	F	02/09/2018		(NONE)		28C256-35 (GEN)		662
5962-8852502UA	F	02/09/2018		(NONE)		28C256-30 (GEN)		662
5962-8852502XA	F	02/09/2018		(NONE)	07/10/2014	28C256-30 (GEN)		662
5962-8852502YA	F	02/09/2018		(NONE)		28C256-30 (GEN)		662
5962-8852502ZA	F	02/09/2018		(NONE)		28C256-30 (GEN)		662
5962-8852503UA	F	02/09/2018		(NONE)	09/15/2017	28C256-25 (GEN)		662
5962-8852503XA	F	02/09/2018	2	ATMEL		AT28C256-25DM/883		662
5962-8852503YA	F	02/09/2018	2	ATMEL		AT28C256-25LM/883		662
5962-8852503ZA	F	02/09/2018	2	ATMEL		AT28C256-25FM/883		662
5962-8852504UA	F	02/09/2018		(NONE)	09/15/2017	28C256-20 (GEN)		662
5962-8852504XA	F	02/09/2018	2	ATMEL		AT28C256-20DM/883		662
5962-8852504YA	F	02/09/2018	2	ATMEL		AT28C256-20LM/883		662
5962-8852504ZA	F	02/09/2018	2	ATMEL		AT28C256-20FM/883		662
5962-8852505UA	F	02/09/2018		(NONE)	09/15/2017	28C256E-25 (GEN)		662
5962-8852505XA	F	02/09/2018	2	ATMEL		AT28C256E-25DM/883		662
5962-8852505YA	F	02/09/2018	2	ATMEL		AT28C256E-25LM/883		662
5962-8852505ZA	F	02/09/2018	2	ATMEL		AT28C256E-25FM/883		662
5962-8852506UA	F	02/09/2018		(NONE)	09/15/2017	28C256-15 (GEN)		662
5962-8852506XA	F	02/09/2018	2	ATMEL		AT28C256-15DM/883		662
5962-8852506YA	F	02/09/2018	2	ATMEL		AT28C256-15LM/883		662
5962-8852506ZA	F	02/09/2018	2	ATMEL		AT28C256-15FM/883		662
5962-8852507UA	F	02/09/2018		(NONE)	09/15/2017	28C256F-15 (GEN)		662
5962-8852507XA	F	02/09/2018	2	ATMEL		AT28C256F-15DM/883		662
5962-8852507YA	F	02/09/2018	2	ATMEL		AT28C256F-15LM/883		662
5962-8852507ZA	F	02/09/2018	2	ATMEL		AT28C256F-15FM/883		662
5962-8852508UA	F	02/09/2018		(NONE)	09/15/2017	28C256E-15 (GEN)		662
5962-8852508XA	F	02/09/2018	2	ATMEL		AT28C256E-15DM/883		662
5962-8852508YA	F	02/09/2018	2	ATMEL		AT28C256E-15LM/883		662
5962-8852508ZA	F	02/09/2018	2	ATMEL		AT28C256E-15FM/883		662

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8852509UA	F	02/09/2018		(NONE)			28C256-35 (GEN)	662
5962-8852509XA	F	02/09/2018		(NONE)	07/10/2014		28C256-35 (GEN)	662
5962-8852509YA	F	02/09/2018		(NONE)			28C256-35 (GEN)	662
5962-8852509ZA	F	02/09/2018		(NONE)			28C256-35 (GEN)	662
5962-8852510UA	F	02/09/2018		(NONE)			28C256-30 (GEN)	662
5962-8852510XA	F	02/09/2018		(NONE)	07/10/2014		28C256-30 (GEN)	662
5962-8852510YA	F	02/09/2018		(NONE)			28C256-30 (GEN)	662
5962-8852510ZA	F	02/09/2018		(NONE)			28C256-30 (GEN)	662
5962-8852511UA	F	02/09/2018		(NONE)	09/15/2017		28C256-25 (GEN)	662
5962-8852511XA	F	02/09/2018	2	ATMEL			AT28C256-25DM/883	662
5962-8852511YA	F	02/09/2018	2	ATMEL			AT28C256-25LM/883	662
5962-8852511ZA	F	02/09/2018	2	ATMEL			AT28C256-25FM/883	662
5962-8852512UA	F	02/09/2018		(NONE)	09/15/2017		28C256-20 (GEN)	662
5962-8852512XA	F	02/09/2018		(NONE)	07/10/2014		28C256-20 (GEN)	662
5962-8852512YA	F	02/09/2018	2	ATMEL			AT28C256-20LM/883	662
5962-8852512ZA	F	02/09/2018	2	ATMEL			AT28C256-20FM/883	662
5962-8852513UA	F	02/09/2018		(NONE)	09/15/2017		28C256E-25 (GEN)	662
5962-8852513XA	F	02/09/2018	2	ATMEL			AT28C256E-25DM/883	662
5962-8852513YA	F	02/09/2018	2	ATMEL			AT28C256E-25LM/883	662
5962-8852513ZA	F	02/09/2018	2	ATMEL			AT28C256E-25FM/883	662
5962-8852514UA	F	02/09/2018		(NONE)	09/15/2017		28C256-15 (GEN)	662
5962-8852514XA	F	02/09/2018	2	ATMEL			AT28C256-15DM/883	662
5962-8852514YA	F	02/09/2018	2	ATMEL			AT28C256-15LM/883	662
5962-8852514ZA	F	02/09/2018	2	ATMEL			AT28C256-15FM/883	662
5962-8852515UA	F	02/09/2018		(NONE)	09/15/2017		28C256F-15 (GEN)	662
5962-8852515XA	F	02/09/2018	2	ATMEL			AT28C256F-15DM/883	662
5962-8852515YA	F	02/09/2018	2	ATMEL			AT28C256F-15LM/883	662
5962-8852515ZA	F	02/09/2018	2	ATMEL			AT28C256F-15FM/883	662
5962-8852516UA	F	02/09/2018		(NONE)	09/15/2017		28C256E-15 (GEN)	662
5962-8852516XA	F	02/09/2018	2	ATMEL			AT28C256E-15DM/883	662
5962-8852516YA	F	02/09/2018	2	ATMEL			AT28C256E-15LM/883	662
5962-8852516ZA	F	02/09/2018	2	ATMEL			AT28C256E-15FM/883	662
5962-88527012A	C	11/21/2008	1	LANSDALE		Y	SL10564/B2A	271
5962-88527012A	C	11/21/2008	3	SRI		Y	GEM17701B2A	271
5962-88527012C	C	11/21/2008	1	LANSDALE		Y	SL10564/B2C	271
5962-88527012C	C	11/21/2008	3	SRI		Y	GEM17701B2C	271
5962-8852701EA	C	11/21/2008	1	LANSDALE		Y	SL10564/BEA	271
5962-8852701EA	C	11/21/2008	3	SRI		Y	GEM17701BEA	271
5962-8852701EC	C	11/21/2008	3	SRI		Y	GEM17701BEC	271
5962-8852701FA	C	11/21/2008	1	LANSDALE		Y	SL10564/BFA	271
5962-8852701FA	C	11/21/2008	3	SRI		Y	GEM17701BFA	271
5962-8852701FC	C	11/21/2008	3	SRI		Y	GEM17701BFC	271
5962-8853201TC	D	07/17/2015	1	E2V			TDC1049/TC	592
5962-8853201UA	D	07/17/2015	1	E2V			TDC1049L1V	592
5962-8853201XA	D	07/17/2015	1	E2V			TDC1049J0V	592
5962-8853201YA	D	07/17/2015	1	E2V			TDC1049J3V	592
5962-8853201ZA	D	07/17/2015	1	E2V			TDC1049C1V	592
5962-8853301TA	C	04/20/1994		(NONE)	08/21/1995		49C460A (GEN)	355
5962-8853301UA	C	04/20/1994		(NONE)	08/05/1996		49C460A (GEN)	355

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5962-8853301XA	C	04/20/1994		(NONE)			49C460A (GEN)	355
5962-8853301YA	C	04/20/1994		(NONE)			49C460A (GEN)	355
5962-8853301ZA	C	04/20/1994		(NONE)			49C460A (GEN)	355
5962-8853302TA	C	04/20/1994		(NONE)	08/21/1995		49C460B (GEN)	355
5962-8853302UA	C	04/20/1994		(NONE)	08/05/1996		49C460B (GEN)	355
5962-8853302XA	C	04/20/1994		(NONE)			49C460B (GEN)	355
5962-8853302YA	C	04/20/1994		(NONE)			49C460B (GEN)	355
5962-8853302ZA	C	04/20/1994		(NONE)			49C460B (GEN)	355
5962-8853303UA	C	04/20/1994		(NONE)	08/04/1995		29C660A (GEN)	355
5962-8853304UA	C	04/20/1994		(NONE)	08/04/1995		29C660B (GEN)	355
5962-8853305UA	C	04/20/1994		(NONE)	08/04/1995		29C660C (GEN)	355
5962-8853306TA	C	04/20/1994		(NONE)	08/21/1995		49C460C (GEN)	355
5962-8853306UA	C	04/20/1994		(NONE)	08/05/1996		49C460C (GEN)	355
5962-8853306XA	C	04/20/1994		(NONE)			49C460C (GEN)	355
5962-8853306YA	C	04/20/1994		(NONE)			49C460C (GEN)	355
5962-8853307TA	C	04/20/1994		(NONE)	08/21/1995		49C460D (GEN)	355
5962-8853307UA	C	04/20/1994		(NONE)	08/05/1996		49C460D (GEN)	355
5962-88534012A	D	04/23/2014	3	E2V		Y	54ACT109LMQB	152
5962-88534012A	D	04/23/2014	1C	E2V		Y	EV54ACT109LMQB	152
5962-88534012A	D	04/23/2014	3	ROCHESTER		Y	54ACT109/Q2A	152
5962R88534012A	D	04/23/2014		(NONE)			54ACT109 (GEN)	152
5962R8853401V2A	D	04/23/2014	3	ROCHESTER		Y	54ACT109/V2A-R	152
5962-8853401EA	D	04/23/2014	3	E2V		Y	54ACT109DMQB	152
5962-8853401EA	D	04/23/2014	1C	E2V		Y	EV54ACT109DMQB	152
5962-8853401EA	D	04/23/2014	3	ROCHESTER		Y	54ACT109/QEA	152
5962R8853401EA	D	04/23/2014		(NONE)			54ACT109 (GEN)	152
5962R8853401VEA	D	04/23/2014	3	ROCHESTER		Y	54ACT109/VEA-R	152
5962-8853401FA	D	04/23/2014	3	E2V		Y	54ACT109FMQB	152
5962-8853401FA	D	04/23/2014	1C	E2V		Y	EV54ACT109FMQB	152
5962-8853401FA	D	04/23/2014	3	ROCHESTER		Y	54ACT109/QFA	152
5962R8853401FA	D	04/23/2014		(NONE)			54ACT109 (GEN)	152
5962R8853401VFA	D	04/23/2014	3	ROCHESTER		Y	54ACT109/VFA-R	152
5962-8853401VXA	D	04/23/2014		(NONE)			54ACT109 (GEN)	152
5962-8853401XA	D	04/23/2014		(NONE)			54ACT109 (GEN)	152
5962-88534022A	D	04/23/2014	1	ROCHESTER		Y	54ACT11109/B2A	152
5962-8853402EA	D	04/23/2014	1	ROCHESTER		Y	54ACT11109/BEA	152
5962-8853402FA	D	04/23/2014	1	ROCHESTER		Y	54ACT11109/BFA	152
5962-8853501QA	D	10/17/2008		(NONE)	03/05/1996		7C901-32 (GEN)	400
5962-8853501XA	D	10/17/2008		(NONE)	03/05/1996		7C901-32 (GEN)	400
5962-8853501YA	D	10/17/2008		(NONE)			7C901-32 (GEN)	400
5962-8853502QA	D	10/17/2008		(NONE)	03/05/1996		7C901-27 (GEN)	400
5962-8853502XA	D	10/17/2008		(NONE)	03/05/1996		7C901-27 (GEN)	400
5962-8853502YA	D	10/17/2008		(NONE)			7C901-27 (GEN)	400
5962-8853503QA	D	10/17/2008	2	SRI		Y	GEM32003QQA	400
5962-8853503QC	D	10/17/2008	2	SRI		Y	GEM32003QQC	400
5962-8853503XA	D	10/17/2008	2	SRI		Y	GEM32003QXA	400
5962-8853503XC	D	10/17/2008	2	SRI		Y	GEM32003QXC	400
5962-8853503YA	D	10/17/2008		(NONE)			7C901-35 (GEN)	400
5962-8853503YC	D	10/17/2008		(NONE)			7C901-35 (GEN)	400



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5962-88537012A	D	02/09/2011		(NONE)	09/15/1995		OP37A (GEN)	719
5962-8853701V2A	D	02/09/2011		(NONE)	09/15/1995		OP37A (GEN)	719
5962-8853701GA	D	02/09/2011		(NONE)	04/16/2002		OP37A (GEN)	719
5962-8853701VGA	D	02/09/2011	3	ANALOG (4)		Y	OP37AJ/QMLV	719
5962-8853701VHA	D	02/09/2011		(NONE)	08/31/2011		OP37A (GEN)	719
5962-8853701PA	D	02/09/2011		(NONE)	04/16/2002		OP37A (GEN)	719
5962-8853701VPA	D	02/09/2011	3	ANALOG (4)		Y	OP37AZ/QMLV	719
5962-88537022A	D	02/09/2011		(NONE)	04/16/2002		OP-37B (GEN)	719
5962-8853702GA	D	02/09/2011		(NONE)	05/28/2005		OP-37B (GEN)	719
5962-8853702PA	D	02/09/2011		(NONE)			OP37B (GEN)	719
5962-88537032A	D	02/09/2011		(NONE)	09/15/1995		OP37C (GEN)	702
5962-8853703GA	D	02/09/2011		(NONE)	04/16/2002		OP37C (GEN)	702
5962-8853703PA	D	02/09/2011		(NONE)	03/30/2001		OP37C (GEN)	702
5962-88538012A	H	03/21/2016		(NONE)			OP215A (GEN)	710
5962-8853801V2A	H	03/21/2016		(NONE)			OP215A (GEN)	710
5962R8853801V2A	H	03/21/2016		(NONE)			OP215A (GEN)	710
5962-8853801GA	H	03/21/2016		(NONE)	04/16/2002		OP215A (GEN)	710
5962-8853801VGA	H	03/21/2016		(NONE)	04/16/2002		OP215A (GEN)	710
5962R8853801VGA	H	03/21/2016	2	ANALOG (4)		Y	OP215AJ/QMLR	710
5962-8853801PA	H	03/21/2016	2	ANALOG (2)		Y	OP215AZ	710
5962-8853801VPA	H	03/21/2016		(NONE)	04/01/2014		OP215A (GEN)	710
5962R8853801VPA	H	03/21/2016	2	ANALOG (4)		Y	OP215AZ/QMLR	710
5962-8853802GA	H	03/21/2016		(NONE)			OP215B (GEN)	710
5962-8853802PA	H	03/21/2016		(NONE)	04/16/2002		OP215B (GEN)	710
5962-88538032A	H	03/21/2016		(NONE)	04/16/2002		OP215BR (GEN)	710
5962R8853804V2A	H	03/21/2016	2	ANALOG (4)		Y	OP215ARC/QMLR	710
5962-88539012A	G	07/25/2017		(NONE)			AD524 (GEN)	754
5962-8853901V2A	G	07/25/2017		(NONE)	04/01/2014		AD524S (GEN)	754
5962R8853901V2A	G	07/25/2017	1	ANALOG (4)		Y	AD524SE/QMLR	754
5962-8853901EA	G	07/25/2017	1	ANALOG (2)		Y	AD524SD/883B	754
5962-8853901VEA	G	07/25/2017		(NONE)	04/01/2014		AD524S (GEN)	754
5962R8853901VEA	G	07/25/2017	1	ANALOG (4)		Y	AD524SD/QMLR	754
5962-88540012A	D	11/26/2018	2	TI		Y	SNJ54ALS05AFK	144
5962-8854001CA	D	11/26/2018	2	TI		Y	SNJ54ALS05AJ	144
5962-8854001DA	D	11/26/2018	2	TI		Y	SNJ54ALS05AW	144
5962-88541012A	D	09/22/2017	0	ROCHESTER		Y	27S13A/B2A	655
5962-8854101EA	D	09/22/2017	0	ROCHESTER		Y	27S13A/BEA	655
5962-8854101FA	D	09/22/2017	0	ROCHESTER		Y	27S13A/BFA	655
5962-88541022A	D	09/22/2017	0	ROCHESTER		Y	27S13/B2A	655
5962-8854102EA	D	09/22/2017	0	ROCHESTER		Y	27S13/BEA	655
5962-8854102FA	D	09/22/2017	0	ROCHESTER		Y	27S13/BFA	655
5962-8854201XA	E	04/11/2006		(NONE)			ADC00300 (GEN)	592
5962-8854201YA	E	04/11/2006		(NONE)			ADC00302 (GEN)	592
5962-88543012A	F	11/27/2017	3	E2V		Y	54FCT521LMQB	209
5962-88543012A	F	11/27/2017	1	E2V		Y	IDT54FCT521LB	209
5962-88543012A	F	11/27/2017	3A	E2V		Y	QP54FCT521LMQB	209
5962-88543012A	F	11/27/2017	1B	PYRAMID		Y	PF54FCT521LMB	209
5962-8854301RA	F	11/27/2017	3	E2V		Y	54FCT521DMQB	209
5962-8854301RA	F	11/27/2017	1	E2V		Y	IDT54FCT521DB	209

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5962-8854301RA	F	11/27/2017	3A	E2V		Y	QP54FCT521DMQB	209
5962-8854301RA	F	11/27/2017	1B	PYRAMID		Y	PF54FCT521CMB	209
5962-8854301SA	F	11/27/2017	1	E2V		Y	IDT54FCT521EB	209
5962-8854301SA	F	11/27/2017	3	E2V		Y	54FCT521FMQB	209
5962-8854301SA	F	11/27/2017	3A	E2V		Y	QP54FCT521FMQB	209
5962-8854301SA	F	11/27/2017	1B	PYRAMID		Y	PF54FCT521FSMB	209
5962-88543022A	F	11/27/2017	3A	E2V		Y	QP54FCT521ALMQB	209
5962-88543022A	F	11/27/2017	1	E2V		Y	IDT54FCT521ALB	209
5962-88543022A	F	11/27/2017	1B	PYRAMID		Y	PF54FCT521ALMB	209
5962-8854302RA	F	11/27/2017	1	E2V		Y	IDT54FCT521ADB	209
5962-8854302RA	F	11/27/2017	1B	PYRAMID		Y	PF54FCT521ACMB	209
5962-8854302SA	F	11/27/2017	3A	E2V		Y	QP54FCT521AFMQB	209
5962-8854302SA	F	11/27/2017	1	E2V		Y	IDT54FCT521AEB	209
5962-8854302SA	F	11/27/2017	1B	PYRAMID		Y	PF54FCT521AFSMB	209
5962-88543032A	F	11/27/2017	3A	E2V		Y	QP54FCT521BLMQB	209
5962-88543032A	F	11/27/2017	1	E2V		Y	IDT54FCT521BLB	209
5962-88543032A	F	11/27/2017	1B	PYRAMID		Y	PF54FCT521BLMB	209
5962-8854303RA	F	11/27/2017	3A	E2V		Y	QP54FCT521BDMQB	209
5962-8854303RA	F	11/27/2017	1	E2V		Y	IDT54FCT521BDB	209
5962-8854303RA	F	11/27/2017	1B	PYRAMID		Y	PF54FCT521BCMB	209
5962-8854303SA	F	11/27/2017	3A	E2V		Y	QP54FCT521BFMQB	209
5962-8854303SA	F	11/27/2017	1	E2V		Y	IDT54FCT521BEB	209
5962-8854303SA	F	11/27/2017	1B	PYRAMID		Y	PF54FCT521BFSMB	209
5962-8854401LA	D	06/16/2015	1	PYRAMID		Y	P4C1257L-35CMB	623
5962-8854401XA	D	06/16/2015	1	PYRAMID		Y	P4C1257L-35LMB	623
5962-8854401YA	D	06/16/2015	1	PYRAMID		Y	P4C1257L-35FMB	623
5962-8854402LA	D	06/16/2015	1	PYRAMID		Y	P4C1257L-45CMB	623
5962-8854402XA	D	06/16/2015	1	PYRAMID		Y	P4C1257L-45LMB	623
5962-8854402YA	D	06/16/2015	1	PYRAMID		Y	P4C1257L-45FMB	623
5962-8854403LA	D	06/16/2015	1	PYRAMID		Y	P4C1257L-55CMB	623
5962-8854403XA	D	06/16/2015	1	PYRAMID		Y	P4C1257L-55LMB	623
5962-8854403YA	D	06/16/2015	1	PYRAMID		Y	P4C1257L-55FMB	623
5962-8854404LA	D	06/16/2015	1	PYRAMID		Y	P4C1257L-70CMB	623
5962-8854404XA	D	06/16/2015	1	PYRAMID		Y	P4C1257L-70LMB	623
5962-8854404YA	D	06/16/2015	1	PYRAMID		Y	P4C1257L-70FMB	623
5962-8854501LA	D	09/09/2015	1	E2V		Y	CY7C194L-35DMB	623
5962-8854501LA	D	09/09/2015	1	MICROSS		Y	MT5C2564C-35L/883C	623
5962-8854501LA	D	09/09/2015	1	PYRAMID		Y	P4C1258L-35CMB	623
5962-8854501XA	D	09/09/2015	1	E2V		Y	CY7C194L-35LMB	623
5962-8854501XA	D	09/09/2015	1	PYRAMID		Y	P4C1258L-35LMB	623
5962-8854501YA	D	09/09/2015	1	E2V		Y	CY7C194L-35KMB	623
5962-8854501YA	D	09/09/2015	1	PYRAMID		Y	P4C1258L-35FSMB	623
5962-8854502LA	D	09/09/2015	1	E2V		Y	CY7C194L-45DMB	623
5962-8854502LA	D	09/09/2015	1	MICROSS		Y	MT5C2564C-45L/883C	623
5962-8854502LA	D	09/09/2015	1	PYRAMID		Y	P4C1258L-45CMB	623
5962-8854502XA	D	09/09/2015	1	E2V		Y	CY7C194L-45LMB	623
5962-8854502XA	D	09/09/2015	1	PYRAMID		Y	P4C1258L-45LMB	623
5962-8854502YA	D	09/09/2015	1	E2V		Y	CY7C194L-45KMB	623
5962-8854502YA	D	09/09/2015	1	PYRAMID		Y	P4C1258L-45FSMB	623

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5962-8854503LA	D	09/09/2015	1	E2V		Y CY7C194L-55DMB		623
5962-8854503LA	D	09/09/2015	1	MICROSS		Y MT5C2564C-55L/883C		623
5962-8854503LA	D	09/09/2015	1	PYRAMID		Y P4C1258L-55CMB		623
5962-8854503XA	D	09/09/2015	1	E2V		Y CY7C194L-55LMB		623
5962-8854503XA	D	09/09/2015	1	PYRAMID		Y P4C1258L-55LMB		623
5962-8854503YA	D	09/09/2015	1	E2V		Y CY7C194L-55KMB		623
5962-8854503YA	D	09/09/2015	1	PYRAMID		Y P4C1258L-55FSMB		623
5962-8854504LA	D	09/09/2015	1	E2V		Y CY7C194L-70DMB		623
5962-8854504LA	D	09/09/2015	1	MICROSS		Y MT5C2564C-70L/883C		623
5962-8854504LA	D	09/09/2015	1	PYRAMID		Y P4C1258L-70CMB		623
5962-8854504XA	D	09/09/2015	1	E2V		Y CY7C194L-70LMB		623
5962-8854504XA	D	09/09/2015	1	PYRAMID		Y P4C1258L-70LMB		623
5962-8854504YA	D	09/09/2015	1	E2V		Y CY7C194L-70KMB		623
5962-8854504YA	D	09/09/2015	1	PYRAMID		Y P4C1258L-70FSMB		623
5962-88546013A	C	09/22/2014	1	ROCHESTER		Y 54F676/Q3A		230
5962-8854601KA	C	09/22/2014	1	ROCHESTER		Y 54F676/QKA		230
5962-8854601LA	C	09/22/2014	1	ROCHESTER		Y 54F676/QLA		230
5962-8854701QA	B	02/08/2005	1	ROCHESTER		Y MD8087-2/BQA		409
5962-8854702QA	B	02/08/2005	1	ROCHESTER		Y MD8087/BQA		409
5962-8854801QA	C	02/06/2018		(NONE)	06/30/1995	EP900-60 (GEN)		431
5962-8854901XA	C	02/08/2018		(NONE)	10/31/1996	1800-90 (GEN)		431
5962-8854901YA	C	02/08/2018		(NONE)	07/30/1993	1800-90 (GEN)		431
5962-8854901ZA	C	02/08/2018		(NONE)	04/15/1995	1800-90 (GEN)		431
5962-8854902UA	C	02/08/2018		(NONE)	07/30/1993	1800-75 (GEN)		431
5962-8854902YA	C	02/08/2018		(NONE)	07/30/1993	1800-75 (GEN)		431
5962-88550012A	E	11/26/2018	3	ROCHESTER		Y 54F273/Q2A		159
5962-8855001RA	E	11/26/2018	3	ROCHESTER		Y 54F273/QRA		159
5962-8855001SA	E	11/26/2018	3	ROCHESTER		Y 54F273/QSA		159
5962-8855101CA	C	08/01/2017	1	ROCHESTER		UHD503R/883		531
5962-8855101DA	C	08/01/2017	1	ROCHESTER		UHC503J/883		531
5962-8855201MA	H	03/17/2016	1	PYRAMID		Y P4C1256L-100L28MB		623
5962-8855201NA	H	03/17/2016	2	E2V		Y QP7C199L-100KMB		623
5962-8855201NA	H	03/17/2016	1	PYRAMID		Y P4C1256L-100FMB		623
5962-8855201TA	H	03/17/2016	1	PYRAMID		Y P4C1256L-100FSSMB		623
5962-8855201UA	H	03/17/2016	2	E2V		Y QP7C199L-100DMB		623
5962-8855201UA	H	03/17/2016	1	IDT		Y IDT71256L100TDB		623
5962-8855201UA	H	03/17/2016	1	PYRAMID		Y P4C1256L-100DMB		623
5962-8855201XA	H	03/17/2016	2	E2V		Y QP7C198L-100DMB		623
5962-8855201XA	H	03/17/2016	1	IDT		Y IDT71256L100DB		623
5962-8855201XA	H	03/17/2016	1	PYRAMID		Y P4C1256L-100DWMB		623
5962-8855201YA	H	03/17/2016	2	E2V		Y QP7C198L-100LMB		623
5962-8855201YA	H	03/17/2016	1	PYRAMID		Y P4C1256L-100L32MB		623
5962-8855201ZA	H	03/17/2016	1	PYRAMID		Y P4C1256L-100FSMB		623
5962-8855202MA	H	03/17/2016	1	PYRAMID		Y P4C1256L-70L28MB		623
5962-8855202NA	H	03/17/2016	2	E2V		Y QP7C199L-70KMB		623
5962-8855202NA	H	03/17/2016	1	PYRAMID		Y P4C1256L-70FMB		623
5962-8855202TA	H	03/17/2016	1	PYRAMID		Y P4C1256L-70FSSMB		623
5962-8855202UA	H	03/17/2016	2	E2V		Y QP7C199L-70DMB		623
5962-8855202UA	H	03/17/2016	1	IDT		Y IDT71256L70TDB		623

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5962-8855202UA	H	03/17/2016	1	PYRAMID		Y P4C1256L-70DMB		623
5962-8855202XA	H	03/17/2016	2	E2V		Y QP7C198L-70DMB		623
5962-8855202XA	H	03/17/2016	1	IDT		Y IDT71256L70DB		623
5962-8855202XA	H	03/17/2016	1	PYRAMID		Y P4C1256L-70DWMB		623
5962-8855202YA	H	03/17/2016	2	E2V		Y QP7C198L-70LMB		623
5962-8855202YA	H	03/17/2016	1	PYRAMID		Y P4C1256L-70L32MB		623
5962-8855202ZA	H	03/17/2016	1	PYRAMID		Y P4C1256L-70FSMB		623
5962-8855203MA	H	03/17/2016	1	PYRAMID		Y P4C1256L-55L28MB		623
5962-8855203NA	H	03/17/2016	2	E2V		Y QP7C199L-55KMB		623
5962-8855203NA	H	03/17/2016	1	PYRAMID		Y P4C1256L-55FMB		623
5962-8855203TA	H	03/17/2016	1	PYRAMID		Y P4C1256L-55FSSMB		623
5962-8855203UA	H	03/17/2016	2	E2V		Y QP7C199L-55DMB		623
5962-8855203UA	H	03/17/2016	1	IDT		Y IDT71256L55TDB		623
5962-8855203UA	H	03/17/2016	1	PYRAMID		Y P4C1256L-55DMB		623
5962-8855203XA	H	03/17/2016	2	E2V		Y QP7C198L-55DMB		623
5962-8855203XA	H	03/17/2016	1	IDT		Y IDT71256L55DB		623
5962-8855203XA	H	03/17/2016	1	PYRAMID		Y P4C1256L-55DWMB		623
5962-8855203YA	H	03/17/2016	2	E2V		Y QP7C198L-55LMB		623
5962-8855203YA	H	03/17/2016	1	PYRAMID		Y P4C1256L-55L32MB		623
5962-8855203ZA	H	03/17/2016	1	PYRAMID		Y P4C1256L-55FSMB		623
5962-8855204MA	H	03/17/2016	1	PYRAMID		Y P4C1256L-45L28MB		623
5962-8855204NA	H	03/17/2016	2	E2V		Y QP7C199L-45KMB		623
5962-8855204NA	H	03/17/2016	1	PYRAMID		Y P4C1256L-45FMB		623
5962-8855204TA	H	03/17/2016	1	PYRAMID		Y P4C1256L-45FSSMB		623
5962-8855204UA	H	03/17/2016	2	E2V		Y QP7C199L-45DMB		623
5962-8855204UA	H	03/17/2016	1	IDT		Y IDT71256L45TDB		623
5962-8855204UA	H	03/17/2016	1	PYRAMID		Y P4C1256L-45DMB		623
5962-8855204XA	H	03/17/2016	2	E2V		Y QP7C198L-45DMB		623
5962-8855204XA	H	03/17/2016	1	IDT		Y IDT71256L45DB		623
5962-8855204XA	H	03/17/2016	1	PYRAMID		Y P4C1256L-45DWMB		623
5962-8855204YA	H	03/17/2016	2	E2V		Y QP7C198L-45LMB		623
5962-8855204YA	H	03/17/2016	1	PYRAMID		Y P4C1256L-45L32MB		623
5962-8855204ZA	H	03/17/2016	1	PYRAMID		Y P4C1256L-45FSMB		623
5962-8855205MA	H	03/17/2016	2	E2V		Y QP7C199L-35LMB		623
5962-8855205MA	H	03/17/2016	1	MICROSS		Y AS5C2568EC-35L/883C		623
5962-8855205MA	H	03/17/2016	1	PYRAMID		Y P4C1256L-35L28MB		623
5962-8855205NA	H	03/17/2016	2	E2V		Y QP7C199L-35KMB		623
5962-8855205NA	H	03/17/2016	1	PYRAMID		Y P4C1256L-35FMB		623
5962-8855205TA	H	03/17/2016	2	E2V		Y QP7C199L-35FMB		623
5962-8855205TA	H	03/17/2016	1	MICROSS		Y AS5C2568F-35L/883C		623
5962-8855205TA	H	03/17/2016	1	PYRAMID		Y P4C1256L-35FSSMB		623
5962-8855205UA	H	03/17/2016	2	E2V		Y QP7C199L-35DMB		623
5962-8855205UA	H	03/17/2016	1	MICROSS		Y AS5C2568C-35L/883C		623
5962-8855205UA	H	03/17/2016	1	PYRAMID		Y P4C1256L-35DMB		623
5962-8855205XA	H	03/17/2016	2	E2V		Y QP7C198L-35DMB		623
5962-8855205XA	H	03/17/2016	1	MICROSS		Y AS5C2568CW-35L/883C		623
5962-8855205XA	H	03/17/2016	1	PYRAMID		Y P4C1256L-35DWMB		623
5962-8855205YA	H	03/17/2016	2	E2V		Y QP7C198L-35LMB		623
5962-8855205YA	H	03/17/2016	1	MICROSS		Y AS5C2568ECW-35L/883C		623

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5962-8855205YA	H	03/17/2016	1	PYRAMID		Y P4C1256L-35L32MB		623
5962-8855205ZA	H	03/17/2016	1	PYRAMID		Y P4C1256L-35FSMB		623
5962-8855206MA	H	03/17/2016	2	E2V		Y QP7C199L-25LMB		623
5962-8855206MA	H	03/17/2016	1	MICROSS		Y AS5C2568EC-25L/883C		623
5962-8855206MA	H	03/17/2016	1	PYRAMID		Y P4C1256L-25L28MB		623
5962-8855206NA	H	03/17/2016	2	E2V		Y QP7C199L-25KMB		623
5962-8855206NA	H	03/17/2016	1	PYRAMID		Y P4C1256L-25FMB		623
5962-8855206TA	H	03/17/2016	2	E2V		Y QP7C199L-25FMB		623
5962-8855206TA	H	03/17/2016	1	MICROSS		Y AS5C2568F-25L/883C		623
5962-8855206TA	H	03/17/2016	1	PYRAMID		Y P4C1256L-25FSSMB		623
5962-8855206UA	H	03/17/2016	2	E2V		Y QP7C199L-25DMB		623
5962-8855206UA	H	03/17/2016	1	IDT		Y IDT71256L25TDB		623
5962-8855206UA	H	03/17/2016	1	MICROSS		Y AS5C2568C-25L/883C		623
5962-8855206UA	H	03/17/2016	1	PYRAMID		Y P4C1256L-25DMB		623
5962-8855206XA	H	03/17/2016	2	E2V		Y QP7C198L-25DMB		623
5962-8855206XA	H	03/17/2016	1	IDT		Y IDT71256L25DB		623
5962-8855206XA	H	03/17/2016	1	MICROSS		Y AS5C2568CW-25L/883C		623
5962-8855206XA	H	03/17/2016	1	PYRAMID		Y P4C1256L-25DWMB		623
5962-8855206YA	H	03/17/2016	2	E2V		Y QP7C198L-25LMB		623
5962-8855206YA	H	03/17/2016	1	MICROSS		Y AS5C2568ECW-25L/883C		623
5962-8855206YA	H	03/17/2016	1	PYRAMID		Y P4C1256L-25L32MB		623
5962-8855206ZA	H	03/17/2016	1	PYRAMID		Y P4C1256L-25FSMB		623
5962-8855207MA	H	03/17/2016	2	E2V		Y QP7C199L-70LMB		623
5962-8855207MA	H	03/17/2016	1	MICROSS		Y AS5C2568EC-70L/883C		623
5962-8855207MA	H	03/17/2016	1	PYRAMID		Y P4C1256L-70L28MB		623
5962-8855207NA	H	03/17/2016	2	E2V		Y QP7C199L-70KMB		623
5962-8855207NA	H	03/17/2016	1	PYRAMID		Y P4C1256L-70FMB		623
5962-8855207TA	H	03/17/2016	2	E2V		Y QP7C199L-70FMB		623
5962-8855207TA	H	03/17/2016	1	MICROSS		Y AS5C2568F-70L/883C		623
5962-8855207TA	H	03/17/2016	1	PYRAMID		Y P4C1256L-70FSSMB		623
5962-8855207UA	H	03/17/2016	2	E2V		Y QP7C199L-70DMB		623
5962-8855207UA	H	03/17/2016	1	MICROSS		Y AS5C2568C-70L/883C		623
5962-8855207UA	H	03/17/2016	1	PYRAMID		Y P4C1256L-70DMB		623
5962-8855207XA	H	03/17/2016	2	E2V		Y QP7C198L-70DMB		623
5962-8855207XA	H	03/17/2016	1	MICROSS		Y AS5C2568CW-70L/883C		623
5962-8855207XA	H	03/17/2016	1	PYRAMID		Y P4C1256L-70DWMB		623
5962-8855207YA	H	03/17/2016	2	E2V		Y QP7C198L-70LMB		623
5962-8855207YA	H	03/17/2016	1	MICROSS		Y AS5C2568ECW-70L/883C		623
5962-8855207YA	H	03/17/2016	1	PYRAMID		Y P4C1256L-70L32MB		623
5962-8855207ZA	H	03/17/2016	1	PYRAMID		Y P4C1256L-70FSMB		623
5962-8855208MA	H	03/17/2016	2	E2V		Y QP7C199L-55LMB		623
5962-8855208MA	H	03/17/2016	1	MICROSS		Y AS5C2568EC-55L/883C		623
5962-8855208MA	H	03/17/2016	1	PYRAMID		Y P4C1256L-55L28MB		623
5962-8855208NA	H	03/17/2016	2	E2V		Y QP7C199L-55KMB		623
5962-8855208NA	H	03/17/2016	1	PYRAMID		Y P4C1256L-55FMB		623
5962-8855208TA	H	03/17/2016	2	E2V		Y QP7C199L-55FMB		623
5962-8855208TA	H	03/17/2016	1	MICROSS		Y AS5C2568F-55L/883C		623
5962-8855208TA	H	03/17/2016	1	PYRAMID		Y P4C1256L-55FSSMB		623
5962-8855208UA	H	03/17/2016	2	E2V		Y QP7C199L-55DMB		623



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5962-8855208UA	H	03/17/2016	1	MICROSS		Y AS5C2568C-55L/883C		623
5962-8855208UA	H	03/17/2016	1	PYRAMID		Y P4C1256L-55DMB		623
5962-8855208XA	H	03/17/2016	2	E2V		Y QP7C198L-55DMB		623
5962-8855208XA	H	03/17/2016	1	MICROSS		Y AS5C2568CW-55L/883C		623
5962-8855208XA	H	03/17/2016	1	PYRAMID		Y P4C1256L-55DWMB		623
5962-8855208YA	H	03/17/2016	2	E2V		Y QP7C198L-55LMB		623
5962-8855208YA	H	03/17/2016	1	MICROSS		Y AS5C2568ECW-55L/883C		623
5962-8855208YA	H	03/17/2016	1	PYRAMID		Y P4C1256L-55L32MB		623
5962-8855208ZA	H	03/17/2016	1	PYRAMID		Y P4C1256L-55FSMB		623
5962-8855209MA	H	03/17/2016	2	E2V		Y QP7C199L-45LMB		623
5962-8855209MA	H	03/17/2016	1	MICROSS		Y AS5C2568EC-45L/883C		623
5962-8855209MA	H	03/17/2016	1	PYRAMID		Y P4C1256L-45L28MB		623
5962-8855209NA	H	03/17/2016	2	E2V		Y QP7C199L-45KMB		623
5962-8855209NA	H	03/17/2016	1	PYRAMID		Y P4C1256L-45FMB		623
5962-8855209TA	H	03/17/2016	2	E2V		Y QP7C199L-45FMB		623
5962-8855209TA	H	03/17/2016	1	MICROSS		Y AS5C2568F-45L/883C		623
5962-8855209TA	H	03/17/2016	1	PYRAMID		Y P4C1256L-45FSSMB		623
5962-8855209UA	H	03/17/2016	2	E2V		Y QP7C199L-45DMB		623
5962-8855209UA	H	03/17/2016	1	MICROSS		Y AS5C2568C-45L/883C		623
5962-8855209UA	H	03/17/2016	1	PYRAMID		Y P4C1256L-45DMB		623
5962-8855209XA	H	03/17/2016	2	E2V		Y QP7C198L-45DMB		623
5962-8855209XA	H	03/17/2016	1	MICROSS		Y AS5C2568CW-45L/883C		623
5962-8855209XA	H	03/17/2016	1	PYRAMID		Y P4C1256L-45DWMB		623
5962-8855209YA	H	03/17/2016	2	E2V		Y QP7C198L-45LMB		623
5962-8855209YA	H	03/17/2016	1	MICROSS		Y AS5C2568ECW-45L/883C		623
5962-8855209YA	H	03/17/2016	1	PYRAMID		Y P4C1256L-45L32MB		623
5962-8855209ZA	H	03/17/2016	1	PYRAMID		Y P4C1256L-45FSMB		623
5962-8855210MA	H	03/17/2016	2	E2V		Y QP7C199L-20LMB		623
5962-8855210MA	H	03/17/2016	1	MICROSS		Y AS5C2568EC-20L/883C		623
5962-8855210MA	H	03/17/2016	1	PYRAMID		Y P4C1256L-20L28MB		623
5962-8855210NA	H	03/17/2016	2	E2V		Y QP7C199L-20KMB		623
5962-8855210NA	H	03/17/2016	1	PYRAMID		Y P4C1256L-20FMB		623
5962-8855210TA	H	03/17/2016	2	E2V		Y QP7C199L-20FMB		623
5962-8855210TA	H	03/17/2016	1	MICROSS		Y AS5C2568F-20L/883C		623
5962-8855210TA	H	03/17/2016	1	PYRAMID		Y P4C1256L-20FSSMB		623
5962-8855210UA	H	03/17/2016	2	E2V		Y QP7C199L-20DMB		623
5962-8855210UA	H	03/17/2016	1	MICROSS		Y AS5C2568C-20L/883C		623
5962-8855210UA	H	03/17/2016	1	PYRAMID		Y P4C1256L-20DMB		623
5962-8855210XA	H	03/17/2016	2	E2V		Y QP7C198L-20DMB		623
5962-8855210XA	H	03/17/2016	1	MICROSS		Y AS5C2568CW-20L/883C		623
5962-8855210XA	H	03/17/2016	1	PYRAMID		Y P4C1256L-20DWMB		623
5962-8855210YA	H	03/17/2016	2	E2V		Y QP7C198L-20LMB		623
5962-8855210YA	H	03/17/2016	1	MICROSS		Y AS5C2568ECW-20L/883C		623
5962-8855210YA	H	03/17/2016	1	PYRAMID		Y P4C1256L-20L32MB		623
5962-8855211MA	H	03/17/2016	2	E2V		Y QP7C199L-17LMB		623
5962-8855211MA	H	03/17/2016	1	MICROSS		Y AS5C2568EC-17L/883C		623
5962-8855211MA	H	03/17/2016	1	PYRAMID		Y P4C1256L-17L28MB		623
5962-8855211NA	H	03/17/2016	2	E2V		Y QP7C199L-17KMB		623
5962-8855211NA	H	03/17/2016	1	PYRAMID		Y P4C1256L-17FMB		623



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5962-8855211TA	H	03/17/2016	2	E2V		Y QP7C199L-17FMB		623
5962-8855211TA	H	03/17/2016	1	MICROSS		Y AS5C2568F-17L/883C		623
5962-8855211TA	H	03/17/2016	1	PYRAMID		Y P4C1256L-17FSSMB		623
5962-8855211UA	H	03/17/2016	2	E2V		Y QP7C199L-17DMB		623
5962-8855211UA	H	03/17/2016	1	MICROSS		Y AS5C2568C-17L/883C		623
5962-8855211UA	H	03/17/2016	1	PYRAMID		Y P4C1256L-17DMB		623
5962-8855211XA	H	03/17/2016	2	E2V		Y QP7C198L-17DMB		623
5962-8855211XA	H	03/17/2016	1	MICROSS		Y AS5C2568CW-17L/883C		623
5962-8855211XA	H	03/17/2016	1	PYRAMID		Y P4C1256L-17DWMB		623
5962-8855211YA	H	03/17/2016	2	E2V		Y QP7C198L-17LMB		623
5962-8855211YA	H	03/17/2016	1	MICROSS		Y AS5C2568ECW-17L/883C		623
5962-8855211YA	H	03/17/2016	1	PYRAMID		Y P4C1256L-17L32MB		623
5962-8855211ZA	H	03/17/2016	1	PYRAMID		Y P4C1256L-17FSMB		623
5962-8855212MA	H	03/17/2016	2	E2V		Y QP7C199L-15LMB		623
5962-8855212MA	H	03/17/2016	1	MICROSS		Y AS5C2568EC-15L/883C		623
5962-8855212MA	H	03/17/2016	1	PYRAMID		Y P4C1256L-15L28MB		623
5962-8855212NA	H	03/17/2016	2	E2V		Y QP7C199L-15KMB		623
5962-8855212NA	H	03/17/2016	1	PYRAMID		Y P4C1256L-15FMB		623
5962-8855212TA	H	03/17/2016	2	E2V		Y QP7C199L-15FMB		623
5962-8855212TA	H	03/17/2016	1	MICROSS		Y AS5C2568F-15L/883C		623
5962-8855212TA	H	03/17/2016	1	PYRAMID		Y P4C1256L-15FSSMB		623
5962-8855212UA	H	03/17/2016	2	E2V		Y QP7C199L-15DMB		623
5962-8855212UA	H	03/17/2016	1	MICROSS		Y AS5C2568C-15L/883C		623
5962-8855212UA	H	03/17/2016	1	PYRAMID		Y P4C1256L-15DMB		623
5962-8855212XA	H	03/17/2016	2	E2V		Y QP7C198L-15DMB		623
5962-8855212XA	H	03/17/2016	1	MICROSS		Y AS5C2568CW-15L/883C		623
5962-8855212XA	H	03/17/2016	1	PYRAMID		Y P4C1256L-15DWMB		623
5962-8855212YA	H	03/17/2016	2	E2V		Y QP7C198L-15LMB		623
5962-8855212YA	H	03/17/2016	1	MICROSS		Y AS5C2568ECW-15L/883C		623
5962-8855212YA	H	03/17/2016	1	PYRAMID		Y P4C1256L-15L32MB		623
5962-8855212ZA	H	03/17/2016	1	PYRAMID		Y P4C1256L-15FSMB		623
5962-8855213MA	H	03/17/2016	2	E2V		Y QP7C199L-12LMB		623
5962-8855213MA	H	03/17/2016	1	MICROSS		Y AS5C2568EC-12L/883C		623
5962-8855213MA	H	03/17/2016	1	PYRAMID		Y P4C1256L-12L28MB		623
5962-8855213NA	H	03/17/2016	2	E2V		Y QP7C199L-12KMB		623
5962-8855213NA	H	03/17/2016	1	PYRAMID		Y P4C1256L-12FMB		623
5962-8855213TA	H	03/17/2016	2	E2V		Y QP7C199L-12FMB		623
5962-8855213TA	H	03/17/2016	1	MICROSS		Y AS5C2568F-12L/883C		623
5962-8855213TA	H	03/17/2016	1	PYRAMID		Y P4C1256L-12FSSMB		623
5962-8855213UA	H	03/17/2016	2	E2V		Y QP7C199L-12DMB		623
5962-8855213UA	H	03/17/2016	1	MICROSS		Y AS5C2568C-12L/883C		623
5962-8855213UA	H	03/17/2016	1	PYRAMID		Y P4C1256L-12DMB		623
5962-8855213XA	H	03/17/2016	2	E2V		Y QP7C198L-12DMB		623
5962-8855213XA	H	03/17/2016	1	MICROSS		Y AS5C2568CW-12L/883C		623
5962-8855213XA	H	03/17/2016	1	PYRAMID		Y P4C1256L-12DWMB		623
5962-8855213YA	H	03/17/2016	2	E2V		Y QP7C198L-12LMB		623
5962-8855213YA	H	03/17/2016	1	MICROSS		Y AS5C2568ECW-12L/883C		623
5962-8855213YA	H	03/17/2016	1	PYRAMID		Y P4C1256L-12L32MB		623
5962-8855213ZA	H	03/17/2016	1	PYRAMID		Y P4C1256L-12FSMB		623

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5962-88553012A	J	09/16/2014	1	MICROSEMI (1)		Y SG7815AL/883B		782
5962-88553014A	J	09/16/2014		(NONE)		7815A (GEN)		782
5962-88553015A	J	09/16/2014		(NONE)		7815A (GEN)		782
5962-8855301MA	J	09/16/2014		(NONE)		7815A (GEN)		782
5962-8855301NA	J	09/16/2014		(NONE)		7815A (GEN)		782
5962-8855301TA	J	09/16/2014	1	MICROSEMI (1)		Y SG7815AG/883B		782
5962-8855301TA	J	09/16/2014	1	SEMELAB		Y IP7815AG-DESC		782
5962-8855301UA	J	09/16/2014		MICROSEMI (1)		Y SG7815AIG/883B		782
5962-8855301UA	J	09/16/2014	1	SEMELAB		Y IP7815AIG-DESC		782
5962F8855301UA	J	09/16/2014		(NONE)		7815A (GEN)		782
5962-8855301XA	J	09/16/2014		MICROSEMI (1)		Y SG7815AT/883B		782
5962-8855301YA	J	09/16/2014		MICROSEMI (1)		Y SG7815AK/883B		782
5962-8855301ZA	J	09/16/2014		MICROSEMI (1)		Y SG7815AR/883B		782
5962-8855301ZA	J	09/16/2014	1	SEMELAB		Y IP7815AR-DESC		782
5962-8855401XA	D	01/16/2013	1	MICROSEMI (1)		Y SG7824AT/883B		782
5962-8855401YA	D	01/16/2013	1	MICROSEMI (1)		Y SG7824AK/883B		782
5962-8855401ZA	D	01/16/2013	1	MICROSEMI (1)		Y SG7824AR/883B		782
5962-88555012A	E	12/20/2018	3	E2V		Y 54F378LMQB		159
5962-8855501EA	E	12/20/2018	3	E2V		Y 54F378DMQB		159
5962-8855501FA	E	12/20/2018	3	E2V		Y 54F378FMQB		159
5962-8855601EA	C	02/26/2019	1	TI		Y CD54HC4052F3A		192
5962-88557012A	D	12/20/2018	1	LANSDALE		Y SL10541/B2A		222
5962-88557012A	D	12/20/2018	3	SRI		Y GEM17401Q2A		222
5962-88557012C	D	12/20/2018	1	LANSDALE		Y SL10541/B2C		222
5962-88557012C	D	12/20/2018	3	SRI		Y GEM17401Q2C		222
5962-8855701EA	D	12/20/2018	1	LANSDALE		Y SL10541/BEA		222
5962-8855701EA	D	12/20/2018	3	SRI		Y GEM17401QEA		222
5962-8855701EC	D	12/20/2018	3	SRI		Y GEM17401QEC		222
5962-8855701FA	D	12/20/2018	1	LANSDALE		Y SL10541/BFA		222
5962-8855701FA	D	12/20/2018	3	SRI		Y GEM17401QFA		222
5962-8855701FC	D	12/20/2018	3	SRI		Y GEM17401QFC		222
5962-8855901CA	C	03/08/2011		(NONE)	04/16/2002	OP421B (GEN)		713
5962-8855902CA	C	03/08/2011		(NONE)		OP421C (GEN)		713
5962-88560012A	C	05/19/2015	1	SRI		Y GEM17501Q2A		602
5962-88560012C	C	05/19/2015	1	SRI		Y GEM17501Q2C		602
5962-8856001EA	C	05/19/2015	1	SRI		Y GEM17501QEA		602
5962-8856001EC	C	05/19/2015	1	SRI		Y GEM17501QEC		602
5962-8856001FA	C	05/19/2015	1	SRI		Y GEM17501QFA		602
5962-8856001FC	C	05/19/2015	1	SRI		Y GEM17501QFC		602
5962-8856101XA	C	04/03/2008		(NONE)	12/03/2008	LM199A (GEN)		785
5962-8856102XA	C	04/03/2008		(NONE)	03/30/2001	LM199 (GEN)		785
5962-8856103XA	C	04/03/2008		(NONE)		LM199A-20 (GEN)		785
5962-8856201XA	G	03/27/2015	1	MICROSS		Y MTLT1010QH		739
5962-8856201XA	G	03/27/2015	1	MICROSS		Y LT1010H		739
5962-8856201XC	G	03/27/2015	1	MICROSS		Y LT1010H		739
5962-8856201YA	G	03/27/2015	1	MICROSS		Y MTLT1010QK		739
5962-8856201YA	G	03/27/2015	1	MICROSS		Y LT1010H		739
5962-8856201YC	G	03/27/2015	1	MICROSS		Y LT1010H		739
5962-88563013A	A	08/06/2008		(NONE)		DAC703 (GEN)		591

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5962-8856301JA	A	08/06/2008		(NONE)			DAC703 (GEN)	591
5962-8856401CA	D	05/25/2018	3	SRI		Y	GEM14701QCA	599
5962-8856401CC	D	05/25/2018	3	SRI		Y	GEM14701QCC	599
5962-8856401DA	D	05/25/2018	3	SRI		Y	GEM14701QDA	599
5962-8856401DC	D	05/25/2018	3	SRI		Y	GEM14701QDC	599
5962-88565012A	J	11/06/2017	1	ANALOG (2)		Y	OP470ARC/883C	713
5962-8856501V2A	J	11/06/2017	2	ANALOG (4)		Y	OP470AARC/QMLV	713
5962R8856501V2A	J	11/06/2017	2	ANALOG (4)		Y	OP470ARC/QMLR	713
5962-88565013A	J	11/06/2017		(NONE)	04/16/2002		OP470A (GEN)	713
5962-8856501CA	J	11/06/2017	1	ANALOG (2)		Y	OP470AY/883C	713
5962-8856501VCA	J	11/06/2017		(NONE)	04/01/2014		OP470A (GEN)	713
5962R8856501VCA	J	11/06/2017	2	ANALOG (4)		Y	OP470AY/QMLR	713
5962-8856501VKA	J	11/06/2017		(NONE)	08/31/2011		OP470A (GEN)	713
5962R8856501VKA	J	11/06/2017	2	ANALOG (4)		Y	OP470AN/QMLR	713
5962-88565022A	J	11/06/2017	3	ANALOG (2)		Y	OP471ARC/883C	713
5962-8856502V2A	J	11/06/2017		(NONE)			OP471A (GEN)	713
5962R8856502V2A	J	11/06/2017		(NONE)			OP471A (GEN)	713
5962-88565023A	J	11/06/2017	3	ANALOG (2)		Y	OP471ATC/883C	713
5962-8856502CA	J	11/06/2017	3	ANALOG (2)		Y	OP471AY/883C	713
5962-8856502VCA	J	11/06/2017		(NONE)	08/31/2011		OP471A (GEN)	713
5962R8856502VCA	J	11/06/2017	2	ANALOG (4)		Y	OP471AY/QMLR	713
5962-8856502VDA	J	11/06/2017		(NONE)	08/31/2011		OP471A (GEN)	713
5962R8856502VDA	J	11/06/2017	2	ANALOG (4)		Y	OP471AM/QMLR	713
5962-8856502VKA	J	11/06/2017		(NONE)	08/31/2011		OP471A (GEN)	713
5962R8856502VKA	J	11/06/2017	2	ANALOG (4)		Y	OP471AN/QMLR	713
5962L8856503VCA	J	11/06/2017	2	ANALOG (4)		Y	OP470AY/QMLL	713
5962L8856504VDA	J	11/06/2017	2	ANALOG (4)		Y	OP471AM/QMLL	713
5962-8856601XA	C	03/25/1994		(NONE)	06/01/1997		2681 (GEN)	590
5962-8856602QA	C	03/25/1994		(NONE)	09/01/1997		2681 (GEN)	590
5962-8856602UA	C	03/25/1994		(NONE)	09/01/1997		2681 (GEN)	590
5962-8856602YA	C	03/25/1994		(NONE)	09/01/1997		2681 (GEN)	590
5962-8856603QA	C	03/25/1994		(NONE)			68681 (GEN)	590
5962-8856603UA	C	03/25/1994		(NONE)	09/01/1997		68681 (GEN)	590
5962-88567012A	C	02/04/2009		(NONE)	09/15/1995		LT1037A (GEN)	701
5962-8856701GA	C	02/04/2009		(NONE)	03/30/2001		LT1037A (GEN)	701
5962-8856701PA	C	02/04/2009		(NONE)	03/30/2001		LT1037A (GEN)	701
5962-8856801QA		05/17/1988		(NONE)	10/15/1995		8035AHL (GEN)	410
5962-8856802QA		05/17/1988		(NONE)	10/15/1995		8048AH (GEN)	410
5962-8857101CA	B	02/04/2009		(NONE)	09/30/1995		1596 (GEN)	804
5962-8857101IA	B	02/04/2009		(NONE)	09/30/1995		1596 (GEN)	804
5962-8857201QA	B	11/07/1991		(NONE)			68154 (GEN)	421
5962-88573013A	C	06/22/1992		(NONE)	08/04/1995		29C853 (GEN)	590
5962-8857301KA	C	06/22/1992		(NONE)	08/04/1995		29C853 (GEN)	590
5962-8857301LA	C	06/22/1992		(NONE)	08/04/1995		29C853 (GEN)	590
5962-88573023A	C	06/22/1992		(NONE)			29C855 (GEN)	590
5962-8857302KA	C	06/22/1992		(NONE)			29C855 (GEN)	590
5962-8857302LA	C	06/22/1992		(NONE)			29C855 (GEN)	590
5962-88573033A	C	06/22/1992		(NONE)			29C853A (GEN)	590
5962-8857303KA	C	06/22/1992		(NONE)			29C853A (GEN)	590

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5962-8857303LA	C	06/22/1992		(NONE)			29C853A (GEN)	590
5962-88573043A	C	06/22/1992		(NONE)			29C833A (GEN)	590
5962-8857304KA	C	06/22/1992		(NONE)			29C833A (GEN)	590
5962-8857304LA	C	06/22/1992		(NONE)			29C833A (GEN)	590
5962-88574012A	A	04/28/1994		(NONE)	12/01/1993		54HC4078 (GEN)	124
5962-8857401CA	A	04/28/1994		(NONE)	12/01/1993		54HC4078 (GEN)	124
5962-88575013A	A	02/02/2010		(NONE)	11/28/2015		54FCT841A (GEN)	342
5962-8857501KA	A	02/02/2010		(NONE)	04/27/1998		54FCT841A (GEN)	342
5962-8857501LA	A	02/02/2010		(NONE)	04/27/1998		54FCT841A (GEN)	342
5962-88575023A	A	02/02/2010		(NONE)	04/27/1998		54FCT841B (GEN)	342
5962-8857502KA	A	02/02/2010		(NONE)	04/27/1998		54FCT841B (GEN)	342
5962-8857502LA	A	02/02/2010		(NONE)	04/27/1998		54FCT841B (GEN)	342
5962-88576012A	B	12/19/2011	2	TI			SNJ54HC21FK	114
5962-8857601CA	B	12/19/2011	2	TI			SNJ54HC21J	114
5962-8857601DA	B	12/19/2011		(NONE)			54HC21 (GEN)	114
5962-88577012A	E	01/14/2019	1	SRI		Y	GEM26401Q2A	142
5962-88577012C	E	01/14/2019	1	SRI		Y	GEM26401Q2C	142
5962-8857701EA	E	01/14/2019	1	SRI		Y	GEM26401QEA	142
5962-8857701EC	E	01/14/2019	1	SRI		Y	GEM26401QEC	142
5962-8857701FA	E	01/14/2019	1	SRI		Y	GEM26401QFA	142
5962-8857701FC	E	01/14/2019	1	SRI		Y	GEM26401QFC	142
5962-88578012A	D	11/03/2015	2	TI		Y	SNJ54ALS688FK	209
5962-8857801RA	D	11/03/2015	2	TI		Y	SNJ54ALS688J	209
5962-8857801SA	D	11/03/2015	2	TI		Y	SNJ54ALS688W	209
5962-8857901XC	B	06/16/2009		(NONE)	04/14/2001		HOS-050A (GEN)	760
5962-8857902XC	B	06/16/2009		(NONE)	08/29/2003		HOS-060S (GEN)	760
5962-88581012A	A	12/05/2006		(NONE)	06/30/1996		MOH0268D (GEN)	569
5962-8858101EA	A	12/05/2006		(NONE)	06/30/1996		MOH0268D (GEN)	569
5962-8858101FA	A	12/05/2006		(NONE)	06/30/1996		MOH0268D (GEN)	569
5962-88582012A	B	12/11/2006		(NONE)	06/30/1996		MOH0272C (GEN)	579
5962-8858201EA	B	12/11/2006		(NONE)	06/30/1996		MOH0272C (GEN)	579
5962-8858201FA	B	12/11/2006		(NONE)	06/30/1996		MOH0272C (GEN)	579
5962-88583012A	B	12/21/2006		(NONE)			MOF1305D (GEN)	569
5962-8858301EA	B	12/21/2006		(NONE)	06/30/1996		MOF1305D (GEN)	569
5962-8858301FA	B	12/21/2006		(NONE)	06/30/1996		MOF1305D (GEN)	569
5962-88584012A	B	10/11/2002		(NONE)			MOR1623K (GEN)	590
5962-8858401EA	B	10/11/2002		(NONE)	06/30/1996		MOR1623K (GEN)	590
5962-8858401FA	B	10/11/2002		(NONE)	06/30/1996		MOR1623K (GEN)	590
5962-8858501XA	D	06/24/2014	1	AEROFLEX		Y	CT2565-001-2	420
5962-8858501XC	D	06/24/2014	1	AEROFLEX		Y	CT2565-001-1	420
5962-8858501YA	D	06/24/2014	1	AEROFLEX		Y	CT2565-201-2	420
5962-8858501YC	D	06/24/2014	1	AEROFLEX		Y	CT2565-201-1	420
5962-8858502XA	D	06/24/2014	1	AEROFLEX		Y	CT2565-002-2	420
5962-8858502XC	D	06/24/2014	1	AEROFLEX		Y	CT2565-002-1	420
5962-8858502YA	D	06/24/2014	1	AEROFLEX		Y	CT2565-202-2	420
5962-8858502YC	D	06/24/2014	1	AEROFLEX		Y	CT2565-202-1	420
5962-8858601XA	F	06/20/2018		(NONE)			BUS-66300II (GEN)	590
5962-8858601YA	F	06/20/2018		(NONE)			BUS-66301II (GEN)	590
5962-8858602XA	F	06/20/2018	1	AEROFLEX		Y	CT2566-001-2	590

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5962-8858602XC	F	06/20/2018	1	AEROFLEX		Y CT2566-001-1		590
5962-8858602YA	F	06/20/2018	1	AEROFLEX		Y CT2566-201-2		590
5962-8858602YC	F	06/20/2018	1	AEROFLEX		Y CT2566-201-1		590
5962-8858603XA	F	06/20/2018	1	AEROFLEX		Y CT2566-002-2		590
5962-8858603XC	F	06/20/2018	1	AEROFLEX		Y CT2566-002-1		590
5962-8858603YA	F	06/20/2018	1	AEROFLEX		Y CT2566-202-2		590
5962-8858603YC	F	06/20/2018	1	AEROFLEX		Y CT2566-202-1		590
5962-8858701VA	C	01/22/2016		(NONE)				612
5962-8858701XA	C	01/22/2016		(NONE)				612
5962-8858701YA	C	01/22/2016		(NONE)				612
5962-8858702VA	C	01/22/2016	0	SRI		Y GEM44302QVA		612
5962-8858702VC	C	01/22/2016	0	SRI		Y GEM44302QVC		612
5962-8858702XA	C	01/22/2016		(NONE)				612
5962-8858702YA	C	01/22/2016		(NONE)				612
5962-8858703VA	C	01/22/2016	3	PYRAMID		Y P4C147-35DMB		612
5962-8858703XA	C	01/22/2016	3	PYRAMID		Y P4C147-35FMB		612
5962-8858703YA	C	01/22/2016	3	PYRAMID		Y P4C147-35LMB		612
5962-8858801KA	D	05/02/2016	1	PYRAMID		Y P4C150-35FMB		608
5962-8858801LA	D	05/02/2016	1	PYRAMID		Y P4C150-35CMB		608
5962-8858801XA	D	05/02/2016	1	PYRAMID		Y P4C150-35LMB		608
5962-8858802KA	D	05/02/2016	1	PYRAMID		Y P4C150-25FMB		608
5962-8858802LA	D	05/02/2016	1	PYRAMID		Y P4C150-25CMB		608
5962-8858802XA	D	05/02/2016	1	PYRAMID		Y P4C150-25LMB		608
5962-8858803KA	D	05/02/2016	1	PYRAMID		Y P4C150-15FMB		608
5962-8858803LA	D	05/02/2016	1	PYRAMID		Y P4C150-15CMB		608
5962-8858803XA	D	05/02/2016	1	PYRAMID		Y P4C150-15LMB		608
5962-8858804KA	D	05/02/2016	3	PYRAMID		Y P4C150-35FMB		612
5962-8858804LA	D	05/02/2016	3	PYRAMID		Y P4C150-35DMB		612
5962-8858804XA	D	05/02/2016	3	PYRAMID		Y P4C150-35LMB		612
5962-8858805KA	D	05/02/2016	3	PYRAMID		Y P4C150-25FMB		612
5962-8858805LA	D	05/02/2016	3	PYRAMID		Y P4C150-25DMB		612
5962-8858805XA	D	05/02/2016	3	PYRAMID		Y P4C150-25LMB		612
5962-8858806KA	D	05/02/2016	3	PYRAMID		Y P4C150-15FMB		612
5962-8858806LA	D	05/02/2016	3	PYRAMID		Y P4C150-15DMB		612
5962-8858806XA	D	05/02/2016	3	PYRAMID		Y P4C150-15LMB		612
5962-8858807KA	D	05/02/2016	3	PYRAMID		Y P4C150-15FMB		612
5962-8858807LA	D	05/02/2016	1	PYRAMID		Y P4C150-15CMB		612
5962-8858807XA	D	05/02/2016	1	PYRAMID		Y P4C150-15LMB		612
5962-8858901DA	E	10/14/2015	1	TI		Y SNJ54ALS20AW		104
5962-8859001FA	D	07/22/2015	2	TI		Y SNJ54ALS133W		108
5962-8859101SA	D	01/11/2016	2	TI		Y SNJ54ALS240AW		529
5962-88593012A	F	10/06/2016		(NONE)		OP200A (GEN)		710
5962-8859301M2A	F	10/06/2016	1	ANALOG (2)		Y OP200ARC/883		710
5962-8859301V2A	F	10/06/2016	1	ANALOG (4)		Y OP200AZ/QMLV		710
5962-8859301MPA	F	10/06/2016	1	ANALOG (2)		Y OP200AZ/883		710
5962-8859301PA	F	10/06/2016		(NONE)		OP200A (GEN)		710
5962-8859301VPA	F	10/06/2016	1	ANALOG (4)		Y OP200AZ/QMLV		710
5962-8859401KA	D	07/06/2015	1	PYRAMID		Y P4C422-15FMB		608
5962-8859401WA	D	07/06/2015	1	PYRAMID		Y P4C422-15DMB		608

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5962-8859401XA	D	07/06/2015	1	PYRAMID		Y P4C422-15LMB		608
5962-8859402KA	D	07/06/2015	1	PYRAMID		Y P4C422-35FMB		608
5962-8859402WA	D	07/06/2015	1	PYRAMID		Y P4C422-35DMB		608
5962-8859402XA	D	07/06/2015	1	PYRAMID		Y P4C422-35LMB		608
5962-8859403KA	D	07/06/2015	1	PYRAMID		Y P4C422-25FMB		608
5962-8859403WA	D	07/06/2015	1	PYRAMID		Y P4C422-25DMB		608
5962-8859403XA	D	07/06/2015	1	PYRAMID		Y P4C422-25LMB		608
5962-8859501KA	C	09/12/2017		(NONE)		9122-35 (GEN)		608
5962-8859501WA	C	09/12/2017		(NONE)		9122-35 (GEN)		608
5962-8859601SA	D	07/23/2008		(NONE)		54ALS241A (GEN)		529
5962-8859602SA	D	07/23/2008		(NONE)	11/28/2015	54ALS241C (GEN)		529
5962-8859701XA	D	05/17/2018	1	MICROSS		Y MTLT1004-1.2QH		785
5962-8859702XA	D	05/17/2018	1	MICROSS		Y MTLT1004-2.5QH		785
5962-88598013A	A	08/22/1990		(NONE)		2925 (GEN)		422
5962-8859801LA	A	08/22/1990		(NONE)		2925 (GEN)		422
5962-88598023A	A	08/22/1990		(NONE)	08/04/1995	2925A (GEN)		422
5962-8859802LA	A	08/22/1990		(NONE)	08/04/1995	2925A (GEN)		422
5962-8859901JA		04/07/1988		(NONE)		32C201-10 (GEN)		420
5962-8860001GA	D	12/14/2010	1C	LINEAR TECH.		Y LT1021BMH-10/883B		785
5962R8860001VGA	D	12/14/2010	1C	LINEAR TECH.		Y RH1021BMH-10		785
5962R8860002V9A	D	12/14/2010	1C	LINEAR TECH.		Y RH1021C-10 DICE		785
5962-8860002GA	D	12/14/2010		(NONE)		LT1021CM-10 (GEN)		785
5962R8860002VGA	D	12/14/2010	1C	LINEAR TECH.		Y RH1021CMH-10		785
5962R8860002VHA	D	12/14/2010	1C	LINEAR TECH.		Y RH1021CMW-10		785
5962-8860003GA	D	12/14/2010		(NONE)		LT1021DM-10 (GEN)		785
5962R8860003VGA	D	12/14/2010		(NONE)		RH1021DM-10 (GEN)		785
5962-88602013A	D	07/18/2015	3	TI		Y SNJ54LS673FK		230
5962-8860201JA	D	07/18/2015	3	TI		Y SNJ54LS673J		230
5962-8860201KA	D	07/18/2015	3	TI		Y SNJ54LS673W		230
5962-8860201LA	D	07/18/2015	3	TI		Y SNJ54LS673JT		230
5962-88604013A	B	07/05/2007		(NONE)		29861A (GEN)		590
5962-8860401KA	B	07/05/2007		(NONE)		29861A (GEN)		590
5962-8860401LA	B	07/05/2007		(NONE)	06/30/1994	29861A (GEN)		590
5962-88604023A	B	07/05/2007		(NONE)		29863A (GEN)		590
5962-8860402KA	B	07/05/2007		(NONE)		29863A (GEN)		590
5962-8860402LA	B	07/05/2007		(NONE)	06/30/1994	29863A (GEN)		590
5962-88605013A	D	01/14/2019		(NONE)		29827A (GEN)		569
5962-8860501KA	D	01/14/2019		(NONE)		29827A (GEN)		569
5962-8860501LA	D	01/14/2019		(NONE)		29827A (GEN)		569
5962-88605023A	D	01/14/2019		(NONE)		29828A (GEN)		509
5962-8860502KA	D	01/14/2019		(NONE)		29828A (GEN)		509
5962-8860502LA	D	01/14/2019		(NONE)	06/30/1994	29828A (GEN)		509
5962-8860503QKA	D	01/14/2019	3	SRI		Y GEM19303QKA		569
5962-8860503QKC	D	01/14/2019	3	SRI		Y GEM19303QKC		569
5962-8860503QLA	D	01/14/2019	3	SRI		Y GEM19303QLA		569
5962-8860503QLC	D	01/14/2019	3	SRI		Y GEM19303QLC		569
5962-88606012A	E	03/25/2015	1	ROCHESTER		Y 54HC237/B2A		282
5962-8860601EA	E	03/25/2015	1	TI		Y CD54HC237F3A		282
5962-8860601FA	E	03/25/2015	1	ROCHESTER		Y 54HC237/BFA		282



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5962-8860601VFA	E	03/25/2015		(NONE)			54HC237 (GEN)	282
5962-8860601VXA	E	03/25/2015		(NONE)			54HC237 (GEN)	282
5962-8860601XA	E	03/25/2015		(NONE)			54HC237 (GEN)	282
5962-88607013A	D	01/26/2019	1	TI		Y	SNJ54LS674FK	230
5962-8860701JA	D	01/26/2019	1	TI		Y	SNJ54LS674J	230
5962-8860701KA	D	01/26/2019	1	TI		Y	SNJ54LS674W	230
5962-8860701LA	D	01/26/2019	1	TI		Y	SNJ54LS674JT	230
5962-88608013A	B	12/21/2016	1	PYRAMID		Y	P54FCT821ALMB	229
5962-8860801KA	B	12/21/2016	1	PYRAMID		Y	P54FCT821AFSMB	229
5962-8860801LA	B	12/21/2016	1	PYRAMID		Y	P54FCT821ACMB	229
5962-88608023A	B	12/21/2016	1	PYRAMID		Y	P54FCT821BLMB	229
5962-8860802KA	B	12/21/2016	1	PYRAMID		Y	P54FCT821BFSMB	229
5962-8860802LA	B	12/21/2016	1	PYRAMID		Y	P54FCT821BCMB	229
5962-8861001UA	G	01/27/2016	1C	E2V		Y	QP7133SA90FB	618
5962-8861001XA	G	01/27/2016		(NONE)				618
5962-8861001YA	G	01/27/2016		(NONE)				618
5962-8861001ZA	G	01/27/2016		(NONE)				618
5962-8861002UA	G	01/27/2016		(NONE)				618
5962-8861002XA	G	01/27/2016		(NONE)				618
5962-8861002YA	G	01/27/2016		(NONE)				618
5962-8861002ZA	G	01/27/2016		(NONE)				618
5962-8861003UA	G	01/27/2016		(NONE)				618
5962-8861003XA	G	01/27/2016		(NONE)				618
5962-8861003YA	G	01/27/2016		(NONE)				618
5962-8861003ZA	G	01/27/2016		(NONE)				618
5962-8861004UA	G	01/27/2016		(NONE)				618
5962-8861004XA	G	01/27/2016		(NONE)				618
5962-8861004YA	G	01/27/2016		(NONE)				618
5962-8861004ZA	G	01/27/2016		(NONE)				618
5962-8861005UA	G	01/27/2016		(NONE)				618
5962-8861005XA	G	01/27/2016		(NONE)				618
5962-8861005YA	G	01/27/2016		(NONE)				618
5962-8861005ZA	G	01/27/2016		(NONE)				618
5962-8861006UA	G	01/27/2016		(NONE)				618
5962-8861006XA	G	01/27/2016		(NONE)				618
5962-8861006YA	G	01/27/2016		(NONE)				618
5962-8861006ZA	G	01/27/2016		(NONE)				618
5962-8861007UA	G	01/27/2016		(NONE)				618
5962-8861007ZA	G	01/27/2016	2	IDT		Y	IDT7133SA90GB	618
5962-8861008UA	G	01/27/2016		(NONE)				618
5962-8861008ZA	G	01/27/2016	2	IDT		Y	IDT7143SA90GB	618
5962-8861009UA	G	01/27/2016	2	IDT		Y	IDT7133SA70FB	618
5962-8861009ZA	G	01/27/2016	2	IDT		Y	IDT7133SA70GB	618
5962-8861010UA	G	01/27/2016		(NONE)				618
5962-8861010ZA	G	01/27/2016	2	IDT		Y	IDT7143SA70GB	618
5962-8861011UA	G	01/27/2016	2	IDT		Y	IDT7133SA55FB	618
5962-8861011ZA	G	01/27/2016	2	IDT		Y	IDT7133SA55GB	618
5962-8861012UA	G	01/27/2016		(NONE)				618
5962-8861012ZA	G	01/27/2016	2	IDT		Y	IDT7143SA55GB	618

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5962-88611013A	C	05/23/2016	1	PYRAMID		Y P4C1682L-70LMB		616
5962-8861101KA	C	05/23/2016	1	PYRAMID		Y P4C1682L-70FMB		616
5962-8861101LA	C	05/23/2016	1	PYRAMID		Y P4C1682L-70CMB		616
5962-88611023A	C	05/23/2016	1	PYRAMID		Y P4C1682L-55LMB		616
5962-8861102KA	C	05/23/2016	1	PYRAMID		Y P4C1682L-55FMB		616
5962-8861102LA	C	05/23/2016	1	PYRAMID		Y P4C1682L-55CMB		616
5962-88611033A	C	05/23/2016	1	PYRAMID		Y P4C1682L-45LMB		616
5962-8861103KA	C	05/23/2016	1	PYRAMID		Y P4C1682L-45FMB		616
5962-8861103LA	C	05/23/2016	1	PYRAMID		Y P4C1682L-45CMB		616
5962-88611043A	C	05/23/2016	1	PYRAMID		Y P4C1682L-35LMB		616
5962-8861104KA	C	05/23/2016	1	PYRAMID		Y P4C1682L-35 FMB		616
5962-8861104LA	C	05/23/2016	1	PYRAMID		Y P4C1682L-35CMB		616
5962-88611053A	C	05/23/2016	1	PYRAMID		Y P4C1682L-25LMB		616
5962-8861105KA	C	05/23/2016	1	PYRAMID		Y P4C1682L-25FMB		616
5962-8861105LA	C	05/23/2016	1	PYRAMID		Y P4C1682L-25CMB		616
5962-8861201UA	A	04/10/1990		(NONE)		7C9116-99 (GEN)		403
5962-8861201XA	A	04/10/1990		(NONE)		7C9116-99 (GEN)		403
5962-8861201XC	A	04/10/1990		(NONE)	06/30/1994	29C116 (GEN)		403
5962-8861201YA	A	04/10/1990		(NONE)		7C9116-99 (GEN)		403
5962-8861201YC	A	04/10/1990		(NONE)	06/30/1994	29C116 (GEN)		403
5962-8861201ZA	A	04/10/1990		(NONE)	06/30/1994	29C116 (GEN)		403
5962-8861202UA	A	04/10/1990		(NONE)		7C9116-75 (GEN)		403
5962-8861202XA	A	04/10/1990		(NONE)		7C9116-75 (GEN)		403
5962-8861202XC	A	04/10/1990		(NONE)	06/30/1994	29C116-1 (GEN)		403
5962-8861202YA	A	04/10/1990		(NONE)		7C9116-75 (GEN)		403
5962-8861202YC	A	04/10/1990		(NONE)	06/30/1994	29C116-1 (GEN)		403
5962-8861202ZA	A	04/10/1990		(NONE)	06/30/1994	29C116-1 (GEN)		403
5962-8861203UA	A	04/10/1990		(NONE)		7C9116-65 (GEN)		403
5962-8861203XA	A	04/10/1990		(NONE)		7C9116-65 (GEN)		403
5962-8861203XC	A	04/10/1990		(NONE)	06/30/1994	29C116-2 (GEN)		403
5962-8861203YA	A	04/10/1990		(NONE)		7C9116-65 (GEN)		403
5962-8861203YC	A	04/10/1990		(NONE)	06/30/1994	29C116-2 (GEN)		403
5962-8861203ZA	A	04/10/1990		(NONE)	06/30/1994	29C116-2 (GEN)		403
5962-8861204UA	A	04/10/1990		(NONE)		7C9116-40 (GEN)		403
5962-8861204XA	A	04/10/1990		(NONE)		7C9116-40 (GEN)		403
5962-8861204YA	A	04/10/1990		(NONE)		7C9116-40 (GEN)		403
5962-8861301TA	B	11/25/1991		(NONE)		39C60A (GEN)		355
5962-8861301UA	B	11/25/1991		(NONE)		39C60A (GEN)		355
5962-8861301XA	B	11/25/1991		(NONE)	05/01/1995	39C60A (GEN)		355
5962-8861302TA	B	11/25/1991		(NONE)		39C60 (GEN)		355
5962-8861302UA	B	11/25/1991		(NONE)		39C60 (GEN)		355
5962-8861302XA	B	11/25/1991		(NONE)	05/01/1995	39C60 (GEN)		355
5962-8861303UA	B	11/25/1991		(NONE)		29C60A (GEN)		355
5962-8861303XA	B	11/25/1991		(NONE)		29C60A (GEN)		355
5962-8861303YA	B	11/25/1991		(NONE)		29C60A (GEN)		355
5962-8861303ZA	B	11/25/1991		(NONE)		29C60A (GEN)		355
5962-88615013A	A	01/22/2007		(NONE)		AD674AU (GEN)		592
5962-8861501XA	A	01/22/2007		(NONE)		AD674AU (GEN)		592
5962-88615023A	A	01/22/2007		(NONE)		AD674AT (GEN)		592

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5962-8861502XA	A	01/22/2007		(NONE)			AD674AT (GEN)	592
5962-8861701PA	A	11/05/2007		(NONE)	06/30/1996		SP8718 (GEN)	319
5962-8861901XA	G	01/23/2019	2	TI			SMJ320C25GBM	432
5962-8861901YA	G	01/23/2019	2	TI			SMJ320C25FBM	432
5962-8861901ZA	G	01/23/2019	2	TI			SMJ320C25FJM	432
5962-8861902XA	G	01/23/2019	2	TI			SMJ320C25-50GBM	432
5962-8861902ZA	G	01/23/2019	2	TI			SMJ320C25-50FJM	432
5962-8861903XA	G	01/23/2019		(NONE)	03/05/2011		320C26 (GEN)	423
5962-8861903YA	G	01/23/2019		(NONE)	03/05/2011		320C26 (GEN)	423
5962-88620012A		07/28/1988		(NONE)			54HC09 (GEN)	111
5962-8862001CA		07/28/1988		(NONE)			54HC09 (GEN)	111
5962-88621012A	D	07/22/2015		(NONE)	11/28/2015		54ALS86 (GEN)	140
5962-8862101CA	D	07/22/2015	2	TI		Y	SNJ54ALS86J	140
5962-8862101DA	D	07/22/2015	2	TI		Y	SNJ54ALS86W	140
5962-8862201GA	D	05/27/2015		(NONE)			LT1028 (GEN)	702
5962-8862201PA	D	05/27/2015	1	MICROSS		Y	MTLT1028QD8	702
5962-8862201XA	D	05/27/2015	1	MICROSS		Y	MTLT1028QH	702
5962-8862202GA	D	05/27/2015		(NONE)			LT1028A (GEN)	702
5962-8862202PA	D	05/27/2015	1	MICROSS		Y	MTLT1028AQD8	702
5962-8862202XA	D	05/27/2015	1	MICROSS		Y	MTLT1028AQH	702
5962-8862401JA		08/10/1988		(NONE)	06/01/2001		54HCT4059 (GEN)	319
5962-88625012A	D	09/26/2018		(NONE)	11/28/2015		54ALS158 (GEN)	275
5962-8862501EA	D	09/26/2018	3	TI		Y	SNJ54ALS158J	275
5962-8862501FA	D	09/26/2018		(NONE)	11/28/2015		54ALS158 (GEN)	275
5962-88626012A	E	09/26/2018		(NONE)	11/28/2015		54ALS258A (GEN)	276
5962-8862601EA	E	09/26/2018	3	TI		Y	SNJ54ALS258AJ	276
5962-8862601FA	E	09/26/2018		(NONE)	11/28/2015		54ALS258A (GEN)	276
5962-88627013A	C	05/07/2009		(NONE)			54F269 (GEN)	304
5962-8862701KA	C	05/07/2009		(NONE)			54F269 (GEN)	304
5962-8862701LA	C	05/07/2009		(NONE)	06/01/1997		54F269 (GEN)	304
5962-8862801TA	F	03/11/2013		(NONE)	01/11/2012		UT1553BB (GEN)	420
5962H8862801TA	F	03/11/2013		(NONE)			UT1553BCRT (GEN)	420
5962H8862801VTA	F	03/11/2013		(NONE)			UT1553BCRT (GEN)	420
5962-8862801XA	F	03/11/2013		(NONE)	01/11/2012		UT1553BB (GEN)	420
5962H8862801VXA	F	03/11/2013		(NONE)			UT1553BCRT (GEN)	420
5962H8862801XA	F	03/11/2013		(NONE)			UT1553BCRT (GEN)	420
5962-8862801YA	F	03/11/2013		(NONE)	01/11/2012		UT1553BB (GEN)	420
5962H8862801VYA	F	03/11/2013		(NONE)			UT1553BCRT (GEN)	420
5962H8862801YA	F	03/11/2013		(NONE)			UT1553BCRT (GEN)	420
5962-8862801ZA	F	03/11/2013		(NONE)	01/11/2012		UT1553BB (GEN)	420
5962H8862801VZA	F	03/11/2013		(NONE)			UT1553BCRT (GEN)	420
5962H8862801ZA	F	03/11/2013		(NONE)			UT1553BCRT (GEN)	420
5962-8862802QUA	F	03/11/2013	1C	COBHAM		Y	UT1553BCRTB/BCRTWCA	420
5962-8862802QUC	F	03/11/2013	1C	COBHAM		Y	UT1553BCRTB/BCRTWCC	420
5962-8862802QXA	F	03/11/2013	1C	COBHAM		Y	UT1553BCRTB/BCRTGCA	420
5962-8862802QXC	F	03/11/2013	1C	COBHAM		Y	UT1553BCRTB/BCRTGCC	420
5962-8862901XA	C	02/16/2006		(NONE)	09/01/2000		HS9342 (GEN)	591
5962-8863001V3A	G	02/14/2013	1	ANALOG (4)		Y	AMP01ATC/QMLV	754
5962-8863001VKA	G	02/14/2013		(NONE)			AMP01A (GEN)	754

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5962-8863001VA	G	02/14/2013		(NONE)			AMP-01A (GEN)	754
5962-8863001VVA	G	02/14/2013	1	ANALOG (4)		Y	AMP01AD/QMLV	754
5962-88630023A	G	02/14/2013		(NONE)			AMP-01B (GEN)	754
5962-8863002VA	G	02/14/2013		(NONE)			AMP-01B (GEN)	754
5962-8863003V3A	G	02/14/2013	1	ANALOG (4)		Y	AMP01TC/QMLV	754
5962-8863003VKA	G	02/14/2013	1	ANALOG (4)		Y	AMP01N/QMLV	754
5962-8863003VVA	G	02/14/2013	1	ANALOG (4)		Y	AMP01D/QMLV	754
5962-8863101GA	E	01/22/2016	1	E2V		Y	QP1631/BGA	580
5962-8863101GA	E	01/22/2016	1	ROCHESTER		Y	DS1631H/883	580
5962-8863101PA	E	01/22/2016	1	E2V		Y	QP1631/BPA	580
5962-8863101PA	E	01/22/2016	1	ROCHESTER		Y	DS1631J-8/883	580
5962-8863401UA	G	10/20/2015		(NONE)	09/15/2017		28HC256-12 (GEN)	662
5962-8863401XA	G	10/20/2015	2	ATMEL			AT28HC256-12DM/883	662
5962-8863401YA	G	10/20/2015	2	ATMEL			AT28HC256-12LM/883	662
5962-8863401ZA	G	10/20/2015	2	ATMEL			AT28HC256-12FM/883	662
5962-8863402UA	G	10/20/2015		(NONE)	09/15/2017		28HC256F-12 (GEN)	662
5962-8863402XA	G	10/20/2015	2	ATMEL			AT28HC256F-12DM/883	662
5962-8863402YA	G	10/20/2015	2	ATMEL			AT28HC256F-12LM/883	662
5962-8863402ZA	G	10/20/2015	2	ATMEL			AT28HC256F-12FM/883	662
5962-8863403UA	G	10/20/2015		(NONE)	09/15/2017		28HC256-90 (GEN)	662
5962-8863403XA	G	10/20/2015	2	ATMEL			AT28HC256-90DM/883	662
5962-8863403YA	G	10/20/2015	2	ATMEL			AT28HC256-90LM/883	662
5962-8863403ZA	G	10/20/2015	2	ATMEL			AT28HC256-90FM/883	662
5962-8863404UA	G	10/20/2015		(NONE)	09/15/2017		28HC256F-90 (GEN)	662
5962-8863404XA	G	10/20/2015	2	ATMEL			AT28HC256F-90DM/883	662
5962-8863404YA	G	10/20/2015	2	ATMEL			AT28HC256F-90LM/883	662
5962-8863404ZA	G	10/20/2015	2	ATMEL			AT28HC256F-90FM/883	662
5962-8863405UA	G	10/20/2015		(NONE)			28HC256-70 (GEN)	662
5962-8863405XA	G	10/20/2015		(NONE)	07/10/2014		28HC256-70 (GEN)	662
5962-8863405YA	G	10/20/2015		(NONE)			28HC256-70 (GEN)	662
5962-8863405ZA	G	10/20/2015		(NONE)			28HC256-70 (GEN)	662
5962-8863501RA	C	02/09/2018		(NONE)				431
5962-8863502RA	C	02/09/2018		(NONE)	06/30/1995		EP220-15 (GEN)	431
5962-8863503RA	C	02/09/2018		(NONE)	06/30/1995		EP220-12 (GEN)	431
5962-88636013A	E	05/11/2018	1	E2V		Y	CY7C235-40LMB	657
5962-88636013A	E	05/11/2018	1	E2V		Y	QP7C235A-40LMB	657
5962-8863601KA	E	05/11/2018	1	E2V		Y	QP7C235A-40KMB	657
5962-8863601KA	E	05/11/2018	1	E2V		Y	CY7C235-40KMB	657
5962-8863601LA	E	05/11/2018	1	E2V		Y	QP7C235A-40DMB	657
5962-8863601LA	E	05/11/2018	1	E2V		Y	CY7C235-40DMB	657
5962-88636023A	E	05/11/2018	1	E2V		Y	QP7C235A-30LMB	657
5962-88636023A	E	05/11/2018	1	E2V		Y	CY7C235-30LMB	657
5962-8863602KA	E	05/11/2018	1	E2V		Y	QP7C235A-30KMB	657
5962-8863602KA	E	05/11/2018	1	E2V		Y	CY7C235-30KMB	657
5962-8863602LA	E	05/11/2018	1	E2V		Y	QP7C235A-30DMB	657
5962-8863602LA	E	05/11/2018	1	E2V		Y	CY7C235-30DMB	657
5962-88636033A	E	05/11/2018	1	E2V		Y	QP7C235A-40LMB	657
5962-88636033A	E	05/11/2018	1	E2V		Y	CY7C235A-40LMB	657
5962-8863603KA	E	05/11/2018	1	E2V		Y	QP7C235A-40KMB	657

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5962-8863603KA	E	05/11/2018	1	E2V		Y CY7C235A-40KMB		657
5962-8863603LA	E	05/11/2018	1	E2V		Y QP7C235A-40DMB		657
5962-8863603LA	E	05/11/2018	1	E2V		Y CY7C235A-40DMB		657
5962-88636043A	E	05/11/2018	1	E2V		Y QP7C235A-30LMB		657
5962-88636043A	E	05/11/2018	1	E2V		Y CY7C235A-30LMB		657
5962-8863604KA	E	05/11/2018	1	E2V		Y QP7C235A-30KMB		657
5962-8863604KA	E	05/11/2018	1	E2V		Y CY7C235A-30KMB		657
5962-8863604LA	E	05/11/2018	1	E2V		Y QP7C235A-30DMB		657
5962-8863604LA	E	05/11/2018	1	E2V		Y CY7C235A-30DMB		657
5962-88636053A	E	05/11/2018	1	E2V		Y QP7C235A-25LMB		657
5962-88636053A	E	05/11/2018	1	E2V		Y CY7C235A-25LMB		657
5962-8863605KA	E	05/11/2018	1	E2V		Y QP7C235A-25KMB		657
5962-8863605KA	E	05/11/2018	1	E2V		Y CY7C235A-25KMB		657
5962-8863605LA	E	05/11/2018	1	E2V		Y QP7C235A-25DMB		657
5962-8863605LA	E	05/11/2018	1	E2V		Y CY7C235A-25DMB		657
5962-88637013A	E	01/03/2018	2	E2V		Y PLDC20G10-40LMB		431
5962-8863701KA	E	01/03/2018	2	E2V		Y PLDC20G10-40KMB		431
5962-8863701LA	E	01/03/2018	2	E2V		Y PLDC20G10-40DMB		431
5962-88637023A	E	01/03/2018	2	E2V		Y PLDC20G10-30LMB		431
5962-8863702KA	E	01/03/2018	2	E2V		Y PLDC20G10-30KMB		431
5962-8863702LA	E	01/03/2018	2	E2V		Y PLDC20G10-30DMB		431
5962-8863802XC	E	02/22/2018		(NONE)	01/01/1999		2018-33 (GEN)	431
5962-8863803XC	E	02/22/2018		(NONE)	01/01/1999		2018-50 (GEN)	431
5962-8863804XC	E	02/22/2018		(NONE)	01/01/1999		2018-70 (GEN)	431
5962-8863805XC	E	02/22/2018		(NONE)	01/01/1999		2018-100 (GEN)	431
5962-88639012A	F	10/25/2016	2	E2V		Y QP54FCT573LMQB		341
5962-88639012A	F	10/25/2016	1	PYRAMID		Y P54FCT573LMB		341
5962-8863901RA	F	10/25/2016	2	E2V		Y QP54FCT573DMQB		341
5962-8863901RA	F	10/25/2016	1	PYRAMID		Y P54FCT573CMB		341
5962-8863901SA	F	10/25/2016	2	E2V		Y QP54FCT573FMQB		341
5962-8863901SA	F	10/25/2016	1	PYRAMID		Y P54FCT573FSMB		341
5962-88639022A	F	10/25/2016	2	E2V		Y QP54FCT573ALMQB		341
5962-88639022A	F	10/25/2016	1	PYRAMID		Y P54FCT573ALMB		341
5962-8863902RA	F	10/25/2016	2	E2V		Y QP54FCT573ADQMB		341
5962-8863902RA	F	10/25/2016	1	PYRAMID		Y P54FCT573ACMB		341
5962-8863902SA	F	10/25/2016	2	E2V		Y QP54FCT573AFQMB		341
5962-8863902SA	F	10/25/2016	1	PYRAMID		Y P54FCT573AFSMB		341
5962-88640012A	C	07/12/2017	1B	PYRAMID		Y PF54FCT161LMB		304
5962-8864001EA	C	07/12/2017	1B	PYRAMID		Y PF54FCT161CMB		304
5962-8864001FA	C	07/12/2017	1B	PYRAMID		Y PF54FCT161FSMB		304
5962-88640022A	C	07/12/2017	2	E2V		Y QP54FCT161LMQB		304
5962-88640022A	C	07/12/2017	1B	PYRAMID		Y PF54FCT161LMB02		304
5962-8864002EA	C	07/12/2017	2	E2V		Y QP54FCT161DMQB		304
5962-8864002EA	C	07/12/2017	1B	PYRAMID		Y PF54FCT161CMB02		304
5962-8864002FA	C	07/12/2017	2	E2V		Y QP54FCT161FMQB		304
5962-8864002FA	C	07/12/2017	1B	PYRAMID		Y PF54FCT161FMSB02		304
5962-88640032A	C	07/12/2017	2	E2V		Y QP54FCT161ALMQB		304
5962-88640032A	C	07/12/2017	1B	PYRAMID		Y PF54FCT161ALMB		304
5962-8864003EA	C	07/12/2017	2	E2V		Y QP54FCT161ADMQB		304



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5962-8864003EA	C	07/12/2017	1B	PYRAMID		Y PF54FCT161ACMB		304
5962-8864003FA	C	07/12/2017	2	E2V		Y QP54FCT161AFMQB		304
5962-8864003FA	C	07/12/2017	1B	PYRAMID		Y PF54FCT161AFSMB		304
5962-8864101RA	D	05/20/2015	1	MICROSS		Y MTLTC1060AQD		805
5962-8864102RA	D	05/20/2015	1	MICROSS		Y MTLTC1060QD		805
5962-8864201UA	A	11/01/2005	1	PYRAMID		Y P1754-20QLMB		429
5962-8864201YA	A	11/01/2005	1	PYRAMID		Y P1754-20QGMB		429
5962-8864201ZA	A	11/01/2005	1	PYRAMID		Y P1754-20PGMB		429
5962-8864202UA	A	11/01/2005	1	PYRAMID		Y P1754-30QLMB		429
5962-8864202YA	A	11/01/2005	1	PYRAMID		Y P1754-30QGMB		429
5962-8864202ZA	A	11/01/2005	1	PYRAMID		Y P1754-30PGMB		429
5962-8864203UA	A	11/01/2005	1	PYRAMID		Y P1754-40QLMB		429
5962-8864203YA	A	11/01/2005	1	PYRAMID		Y P1754-40QGMB		429
5962-8864203ZA	A	11/01/2005	1	PYRAMID		Y P1754-40PGMB		429
5962-8864204TA	A	11/01/2005	1	PYRAMID		Y P1754-20GMB		429
5962-8864204XA	A	11/01/2005	1	PYRAMID		Y P1754-20CMB		429
5962-8864205TA	A	11/01/2005	1	PYRAMID		Y P1754-30GMB		429
5962-8864205XA	A	11/01/2005	1	PYRAMID		Y P1754-30CMB		429
5962-8864206TA	A	11/01/2005	1	PYRAMID		Y P1754-40GMB		429
5962-8864206XA	A	11/01/2005	1	PYRAMID		Y P1754-40CMB		429
5962-8864301XA	D	05/05/2008		(NONE)	05/01/1995		49C410 (GEN)	420
5962-8864301YA	D	05/05/2008		(NONE)			49C410 (GEN)	420
5962-8864301ZA	D	05/05/2008		(NONE)	05/01/1995		49C410 (GEN)	420
5962-8864302XA	D	05/05/2008		(NONE)	05/01/1995		49C410A (GEN)	420
5962-8864302YA	D	05/05/2008		(NONE)			49C410A (GEN)	420
5962-8864302ZA	D	05/05/2008		(NONE)	05/01/1995		49C410A (GEN)	420
5962-8864303XA	D	05/05/2008	1	SRI		Y GEM22703QXA		420
5962-8864303XC	D	05/05/2008	1	SRI		Y GEM22703QXC		420
5962-8864303YA	D	05/05/2008	1	SRI		Y GEM22703QYA		420
5962-8864303YC	D	05/05/2008	1	SRI		Y GEM22703QYC		420
5962-8864401UA	F	10/01/2008		(NONE)	09/30/2009		UT63M105 (GEN)	590
5962R8864401VUA	F	10/01/2008		(NONE)	09/30/2009		UT63M105 (GEN)	590
5962-8864402UA	F	10/01/2008		(NONE)			UT63M107 (GEN)	590
5962-8864403UA	F	10/01/2008		(NONE)			UT63M115 (GEN)	590
5962-8864404UA	F	10/01/2008		(NONE)			UT63M117 (GEN)	590
5962-8864405XA	F	10/01/2008		(NONE)	09/30/2009		UT63M125 (GEN)	590
5962R8864405VXA	F	10/01/2008		(NONE)	09/30/2009		UT63M125 (GEN)	590
5962-8864405YA	F	10/01/2008		(NONE)	09/30/2009		UT63M125 (GEN)	590
5962R8864405VYA	F	10/01/2008		(NONE)	09/30/2009		UT63M125 (GEN)	590
5962-8864405ZA	F	10/01/2008		(NONE)	09/30/2009		UT63M125 (GEN)	590
5962R8864405VZA	F	10/01/2008		(NONE)	09/30/2009		UT63M125 (GEN)	590
5962-8864406XA	F	10/01/2008		(NONE)			UT63M127 (GEN)	590
5962-8864406YA	F	10/01/2008		(NONE)			UT63M127 (GEN)	590
5962-8864406ZA	F	10/01/2008		(NONE)			UT63M127 (GEN)	590
5962-8864407XA	F	10/01/2008		(NONE)			UT63M135 (GEN)	590
5962-8864407YA	F	10/01/2008		(NONE)			UT63M135 (GEN)	590
5962-8864407ZA	F	10/01/2008		(NONE)			UT63M135 (GEN)	590
5962-8864408XA	F	10/01/2008		(NONE)			UT63M137 (GEN)	590
5962-8864408YA	F	10/01/2008		(NONE)			UT63M137 (GEN)	590

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5962-8864408ZA	F	10/01/2008		(NONE)			UT63M137 (GEN)	590
5962-8864501XA	F	03/30/2016		(NONE)			UT1553RTMP (GEN)	590
5962-8864501XC	F	03/30/2016		(NONE)			UT1553RTMP (GEN)	590
5962-8864501YA	F	03/30/2016		(NONE)			UT1553RTMP (GEN)	590
5962-8864501ZA	F	03/30/2016		(NONE)			UT1553RTMP (GEN)	590
5962-8864601MA	J	04/01/2016	1	MICROSS		Y	MTLT1085QU	780
5962-8864601NA	J	04/01/2016	1	MICROSS		Y	MTLT1085QN	780
5962-8864601TA	J	04/01/2016		(NONE)			OM1850 (GEN)	780
5962-8864601UA	J	04/01/2016	1	MICROSS		Y	MTLT1085QP	780
5962L8864601UA	J	04/01/2016		(NONE)			1085 (GEN)	780
5962-8864601XA	J	04/01/2016	1	MICROSS		Y	MTLT1085QK	780
5962-8864701GA	B	05/13/2016		(NONE)	03/30/2001		LT1021BM-7 (GEN)	785
5962-8864702GA	B	05/13/2016	1	MICROSS		Y	MTLT1021DQH-7 (GEN)	785
5962-88648012A	F	02/13/2014	1	ROCHESTER		Y	55ALS194/B2A	569
5962-8864801EA	F	02/13/2014	1	ROCHESTER		Y	55ALS194/BEA	569
5962-8864801FA	F	02/13/2014	1	ROCHESTER		Y	55ALS194/BFA	569
5962-88649012A	E	06/30/2005		(NONE)			55ALS195 (GEN)	575
5962-8864901EA	E	06/30/2005		(NONE)			55ALS195 (GEN)	575
5962-8864901FA	E	06/30/2005		(NONE)			55ALS195 (GEN)	575
5962-88650012A	C	02/18/2016	1	ANALOG (3)		Y	AD7820UE/883B	592
5962-8865001RA	C	02/18/2016	1	ANALOG (3)		Y	AD7820UQ/883B	592
5962-88650022A	C	02/18/2016	1	ANALOG (3)		Y	AD7820TE/883B	592
5962-8865002RA	C	02/18/2016	1	ANALOG (3)		Y	AD7820TQ/883B	592
5962-88651012A	D	10/25/2016	3A	E2V		Y	54FCT533LMQB	341
5962-88651012A	D	10/25/2016	1	PYRAMID		Y	P54FCT533LMB	341
5962-8865101RA	D	10/25/2016	3A	E2V		Y	54FCT533DMQB	341
5962-8865101RA	D	10/25/2016	1	PYRAMID		Y	P54FCT533CMB	341
5962-8865101SA	D	10/25/2016	3A	E2V		Y	54FCT533FMQB	341
5962-8865101SA	D	10/25/2016	1	PYRAMID		Y	P54FCT533FSMB	341
5962-88651022A	D	10/25/2016	1	PYRAMID		Y	P54FCT533ALMB	341
5962-8865102RA	D	10/25/2016	1	PYRAMID		Y	P54FCT533ACMB	341
5962-8865102SA	D	10/25/2016	1	PYRAMID		Y	P54FCT533AFSMB	341
5962-88652012A		06/20/1989		(NONE)			54FCT182 (GEN)	206
5962-8865201EA		06/20/1989		(NONE)			54FCT182 (GEN)	206
5962-8865201FA		06/20/1989		(NONE)			54FCT182 (GEN)	206
5962-88652022A		06/20/1989		(NONE)			54FCT182A (GEN)	206
5962-8865202EA		06/20/1989		(NONE)			54FCT182A (GEN)	206
5962-8865202FA		06/20/1989		(NONE)			54FCT182A (GEN)	206
5962-88653012A	A	11/14/2016	1	PYRAMID		Y	P54FCT645LMB	590
5962-8865301RA	A	11/14/2016	1	PYRAMID		Y	P54FCT645CMB	590
5962-8865301SA	A	11/14/2016	1	PYRAMID		Y	P54FCT645FSMB	590
5962-88653022A	A	11/14/2016	1	PYRAMID		Y	P54FCT645ALMB	590
5962-8865302RA	A	11/14/2016	1	PYRAMID		Y	P54FCT645ACMB	590
5962-8865302SA	A	11/14/2016	1	PYRAMID		Y	P54FCT645AFSMB	590
5962-88654012A	B	11/28/2016	1	PYRAMID		Y	P54FCT640LMB	590
5962-8865401RA	B	11/28/2016	1	PYRAMID		Y	P54FCT640CMB	590
5962-8865401SA	B	11/28/2016	1	PYRAMID		Y	P54FCT640FSMB	590
5962-88654022A	B	11/28/2016	1	PYRAMID		Y	P54FCT640ALMB	590
5962-8865402RA	B	11/28/2016	1	PYRAMID		Y	P54FCT640ACMB	590

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8865402SA	B	11/28/2016	1	PYRAMID		Y P54FCT640AFSMB		590
5962-88654032A	B	11/28/2016	1	PYRAMID		Y P54FCT640LMB03		590
5962-88654032A	B	11/28/2016	1A	SRI		Y GEM38703Q2A		590
5962-88654032C	B	11/28/2016	1	PYRAMID		Y P54FCT640LMB03C		590
5962-88654032C	B	11/28/2016	1A	SRI		Y GEM38703Q2C		590
5962-8865403RA	B	11/28/2016	1	PYRAMID		Y P54FCT640CMB03		590
5962-8865403RA	B	11/28/2016	1A	SRI		Y GEM38703QRA		590
5962-8865403RC	B	11/28/2016	1	PYRAMID		Y P54FCT640CMB03C		590
5962-8865403RC	B	11/28/2016	1A	SRI		Y GEM38703QRC		590
5962-8865403SA	B	11/28/2016	1	PYRAMID		Y P54FCT640FSMB03		590
5962-8865403SA	B	11/28/2016	1A	SRI		Y GEM38703QSA		590
5962-8865403SC	B	11/28/2016	1	PYRAMID		Y P54FCT640FSMB03C		590
5962-8865403SC	B	11/28/2016	1A	SRI		Y GEM38703QSC		590
5962-88655012A	A	10/12/2018	1B	PYRAMID		Y P54FCT534LMB		159
5962-8865501RA	A	10/12/2018	1B	PYRAMID		Y P54FCT534CMB		159
5962-8865501SA	A	10/12/2018	1B	PYRAMID		Y P54FCT534FSMB		159
5962-88655022A	A	10/12/2018	1B	PYRAMID		Y P54FCT534ALMB		159
5962-8865502RA	A	10/12/2018	1B	PYRAMID		Y P54FCT534ACMB		159
5962-8865502SA	A	10/12/2018	1B	PYRAMID		Y P54FCT534AFSMB		159
5962-88656013A	D	10/25/2016	1B	E2V		Y IDT54FCT823ALB		229
5962-88656013A	D	10/25/2016	1	PYRAMID		Y P54FCT823ALMB		229
5962-8865601KA	D	10/25/2016	1B	E2V		Y IDT54FCT823AEB		229
5962-8865601KA	D	10/25/2016	1	PYRAMID		Y P54FCT823AFMB		229
5962-8865601LA	D	10/25/2016	1B	E2V		Y IDT54FCT823ADB		229
5962-8865601LA	D	10/25/2016	1	PYRAMID		Y P54FCT823ACMB		229
5962-88656023A	D	10/25/2016	1B	E2V		Y IDT54FCT823BLB		229
5962-88656023A	D	10/25/2016	1	PYRAMID		Y P54FCT823BLMB		229
5962-8865602KA	D	10/25/2016	1B	E2V		Y IDT54FCT823BEB		229
5962-8865602KA	D	10/25/2016	1	PYRAMID		Y P54FCT823BFMB		229
5962-8865602LA	D	10/25/2016	1B	E2V		Y IDT54FCT823BDB		229
5962-8865602LA	D	10/25/2016	1	PYRAMID		Y P54FCT823BCMB		229
5962-88657012A	C	11/27/2017	1C	E2V		Y QP54FCT163LMQB		304
5962-88657012A	C	11/27/2017	1B	PYRAMID		Y PF54FCT163LMB		304
5962-8865701EA	C	11/27/2017	1C	E2V		Y QP54FCT163DMQB		304
5962-8865701EA	C	11/27/2017	1B	PYRAMID		Y PF54FCT163CMB		304
5962-8865701FA	C	11/27/2017	1C	E2V		Y QP54FCT163FMQB		304
5962-8865701FA	C	11/27/2017	1B	PYRAMID		Y PF54FCT163FSMB		304
5962-88657022A	C	11/27/2017	1C	E2V		Y QP54FCT163ALMQB		304
5962-88657022A	C	11/27/2017	1B	PYRAMID		Y PF54FCT163ALMB		304
5962-8865702EA	C	11/27/2017	1C	E2V		Y QP54FCT163ADMQB		304
5962-8865702EA	C	11/27/2017	1B	PYRAMID		Y PF54FCT163ACMB		304
5962-8865702FA	C	11/27/2017	1C	E2V		Y QP54FCT163AFMQB		304
5962-8865702FA	C	11/27/2017	1B	PYRAMID		Y PF54FCT163AFSMB		304
5962-88657032A	C	11/27/2017	1C	E2V		Y QP54FCT163LMQB		304
5962-88657032A	C	11/27/2017	1B	PYRAMID		Y PF54FCT163LMB03		304
5962-8865703EA	C	11/27/2017	1C	E2V		Y QP54FCT163DMQB		304
5962-8865703EA	C	11/27/2017	1B	PYRAMID		Y PF54FCT163CMB03		304
5962-8865703FA	C	11/27/2017	1C	E2V		Y QP54FCT163FMQB		304
5962-8865703FA	C	11/27/2017	1B	PYRAMID		Y PF54FCT163FSMB03		304

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-88657042A	C	11/27/2017	1C	E2V		Y	QP54FCT163ALMQB	304
5962-88657042A	C	11/27/2017	1B	PYRAMID		Y	PF54FCT163ALMB04	304
5962-8865704EA	C	11/27/2017	1C	E2V		Y	QP54FCT163ADMQB	304
5962-8865704EA	C	11/27/2017	1B	PYRAMID		Y	PF54FCT163ACMB04	304
5962-8865704FA	C	11/27/2017	1C	E2V		Y	QP54FCT163AFMQB	304
5962-8865704FA	C	11/27/2017	1B	PYRAMID		Y	PF54FCT163AFSMB04	304
5962-8865801XA	D	06/16/2009		(NONE)	08/29/2003		AD578S (GEN)	592
5962-8865802XA	D	06/16/2009		(NONE)	08/29/2003		AD578T (GEN)	592
5962-8865803XA	D	06/16/2009		(NONE)	08/29/2003		AD578ZS (GEN)	592
5962-8865804XA	D	06/16/2009		(NONE)	08/29/2003		AD578ZT (GEN)	592
5962-88659013A	C	12/02/2013	1	ANALOG (2)		Y	AD667SE/883B	591
5962-8865901XA	C	12/02/2013	1	ANALOG (2)		Y	AD667SD/883B	591
5962-88661013A		02/01/1989		(NONE)	04/27/1998		54FCT863A (GEN)	590
5962-8866101KA		02/01/1989		(NONE)	04/27/1998		54FCT863A (GEN)	590
5962-8866101LA		02/01/1989		(NONE)	04/27/1998		54FCT863A (GEN)	590
5962-88661023A		02/01/1989		(NONE)	04/27/1998		54FCT863B (GEN)	590
5962-8866102KA		02/01/1989		(NONE)	04/27/1998		54FCT863B (GEN)	590
5962-8866102LA		02/01/1989		(NONE)	04/27/1998		54FCT863B (GEN)	590
5962-8866201MA	E	01/08/2016	2	E2V		Y	QP7C199-100KMB	623
5962-8866201MA	E	01/08/2016	1	PYRAMID		Y	P4C1256-100FMB	623
5962-8866201NA	E	01/08/2016	2	E2V		Y	QP7C199-100DMB	623
5962-8866201NA	E	01/08/2016		IDT		Y	IDT71256S100TDB	623
5962-8866201NA	E	01/08/2016	1	MICROSS		Y	MT5C2568C-100883C	623
5962-8866201NA	E	01/08/2016	1	PYRAMID		Y	P4C1256-100DMB	623
5962-8866201NC	E	01/08/2016	1	PYRAMID		Y	P4C1256-100CMB	623
5962-8866201TA	E	01/08/2016	2	E2V		Y	QP7C199-100FMB	623
5962-8866201TA	E	01/08/2016	1	MICROSS		Y	MT5C2568F-100/883C	623
5962-8866201TA	E	01/08/2016	1	PYRAMID		Y	P4C1256-100FSMB	623
5962-8866201UA	E	01/08/2016	2	E2V		Y	QP7C199-100LMB	623
5962-8866201UA	E	01/08/2016	1	MICROSS		Y	MT5C2568EC-100/883C	623
5962-8866201UA	E	01/08/2016	1	PYRAMID		Y	P4C1256-100L28MB	623
5962-8866201XA	E	01/08/2016	2	E2V		Y	QP7C198-100DMB	623
5962-8866201XA	E	01/08/2016	1	IDT		Y	IDT71256S100DB	623
5962-8866201XA	E	01/08/2016	1	PYRAMID		Y	P4C1256-100DWMB	623
5962-8866201YA	E	01/08/2016	2	E2V		Y	QP7C198-100LMB	623
5962-8866201YA	E	01/08/2016	1	MICROSS		Y	MT5C2568ECW-100/883C	623
5962-8866201YA	E	01/08/2016	1	PYRAMID		Y	P4C1256-100L32MB	623
5962-8866201ZA	E	01/08/2016		(NONE)				623
5962-8866202MA	E	01/08/2016	2	E2V		Y	QP7C199-70KMB	623
5962-8866202MA	E	01/08/2016	1	PYRAMID		Y	P4C1256-70FMB	623
5962-8866202NA	E	01/08/2016	2	E2V		Y	QP7C199-70DMB	623
5962-8866202NA	E	01/08/2016		IDT		Y	IDT71256S70TDB	623
5962-8866202NA	E	01/08/2016	1	MICROSS		Y	MT5C2568C-70/883C	623
5962-8866202NA	E	01/08/2016	1	PYRAMID		Y	P4C1256-70DMB	623
5962-8866202NC	E	01/08/2016	1	PYRAMID		Y	P4C1256-70CMB	623
5962-8866202TA	E	01/08/2016	2	E2V		Y	QP7C199-70FMB	623
5962-8866202TA	E	01/08/2016	1	MICROSS		Y	MT5C2568F-70/883C	623
5962-8866202TA	E	01/08/2016	1	PYRAMID		Y	P4C1256-70FSMB	623
5962-8866202UA	E	01/08/2016	2	E2V		Y	QP7C199-70LMB	623

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8866202UA	E	01/08/2016	1	MICROSS		Y	MT5C2568EC-70/883C	623
5962-8866202UA	E	01/08/2016	1	PYRAMID		Y	P4C1256-70L28MB	623
5962-8866202XA	E	01/08/2016	2	E2V		Y	QP7C198-70DMB	623
5962-8866202XA	E	01/08/2016	1	IDT		Y	IDT71256S70DB	623
5962-8866202XA	E	01/08/2016	1	PYRAMID		Y	P4C1256-70DWMB	623
5962-8866202YA	E	01/08/2016	2	E2V		Y	QP7C198-70LMB	623
5962-8866202YA	E	01/08/2016	1	MICROSS		Y	MT5C2568ECW-70/883C	623
5962-8866202YA	E	01/08/2016	1	PYRAMID		Y	P4C1256-70L32MB	623
5962-8866202ZA	E	01/08/2016		(NONE)				623
5962-8866203MA	E	01/08/2016	2	E2V		Y	QP7C199-55KMB	623
5962-8866203MA	E	01/08/2016	1	PYRAMID		Y	P4C1256-55FMB	623
5962-8866203NA	E	01/08/2016	2	E2V		Y	QP7C199-55DMB	623
5962-8866203NA	E	01/08/2016		IDT		Y	IDT71256S55TDB	623
5962-8866203NA	E	01/08/2016	1	MICROSS		Y	MT5C2568C-55/883C	623
5962-8866203NA	E	01/08/2016	1	PYRAMID		Y	P4C1256-55DMB	623
5962-8866203NC	E	01/08/2016	1	PYRAMID		Y	P4C1256-55CMB	623
5962-8866203TA	E	01/08/2016	2	E2V		Y	QP7C199-55FMB	623
5962-8866203TA	E	01/08/2016	1	MICROSS		Y	MT5C2568F-55/883C	623
5962-8866203TA	E	01/08/2016	1	PYRAMID		Y	P4C1256-55FSMB	623
5962-8866203UA	E	01/08/2016	2	E2V		Y	QP7C199-55LMB	623
5962-8866203UA	E	01/08/2016	1	MICROSS		Y	MT5C2568EC-55/883C	623
5962-8866203UA	E	01/08/2016	1	PYRAMID		Y	P4C1256-55L28MB	623
5962-8866203XA	E	01/08/2016	2	E2V		Y	QP7C198-55DMB	623
5962-8866203XA	E	01/08/2016	1	IDT		Y	IDT71256S55DB	623
5962-8866203XA	E	01/08/2016	1	PYRAMID		Y	P4C1256-55DWMB	623
5962-8866203YA	E	01/08/2016	2	E2V		Y	QP7C198-55LMB	623
5962-8866203YA	E	01/08/2016	1	MICROSS		Y	MT5C2568ECW-55/883C	623
5962-8866203YA	E	01/08/2016	1	PYRAMID		Y	P4C1256-55L32MB	623
5962-8866203ZA	E	01/08/2016		(NONE)				623
5962-8866204MA	E	01/08/2016	2	E2V		Y	QP7C199-45KMB	623
5962-8866204MA	E	01/08/2016	1	PYRAMID		Y	P4C1256-45FMB	623
5962-8866204NA	E	01/08/2016	2	E2V		Y	QP7C199-45DMB	623
5962-8866204NA	E	01/08/2016		IDT		Y	IDT71256S45TDB	623
5962-8866204NA	E	01/08/2016	1	MICROSS		Y	MT5C2568C-45/883C	623
5962-8866204NA	E	01/08/2016	1	PYRAMID		Y	P4C1256-45DMB	623
5962-8866204NC	E	01/08/2016	1	PYRAMID		Y	P4C1256-45CMB	623
5962-8866204TA	E	01/08/2016	2	E2V		Y	QP7C199-45FMB	623
5962-8866204TA	E	01/08/2016	1	MICROSS		Y	MT5C2568F-45/883C	623
5962-8866204TA	E	01/08/2016	1	PYRAMID		Y	P4C1256-45FSMB	623
5962-8866204UA	E	01/08/2016	2	E2V		Y	QP7C199-45LMB	623
5962-8866204UA	E	01/08/2016	1	MICROSS		Y	MT5C2568EC-45/883C	623
5962-8866204UA	E	01/08/2016	1	PYRAMID		Y	P4C1256-45L28MB	623
5962-8866204XA	E	01/08/2016	2	E2V		Y	QP7C198-45DMB	623
5962-8866204XA	E	01/08/2016	1	IDT		Y	IDT71256S45DB	623
5962-8866204XA	E	01/08/2016	1	PYRAMID		Y	P4C1256-45DWMB	623
5962-8866204YA	E	01/08/2016	2	E2V		Y	QP7C198-45LMB	623
5962-8866204YA	E	01/08/2016	1	MICROSS		Y	MT5C2568ECW-45/883C	623
5962-8866204YA	E	01/08/2016	1	PYRAMID		Y	P4C1256-45L32MB	623
5962-8866204ZA	E	01/08/2016		(NONE)				623

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8866205MA	E	01/08/2016	2	E2V		Y QP7C199-35KMB		623
5962-8866205MA	E	01/08/2016	1	PYRAMID		Y P4C1256-35FMB		623
5962-8866205NA	E	01/08/2016	2	E2V		Y QP7C199-35DMB		623
5962-8866205NA	E	01/08/2016		IDT		Y IDT71256S35TDB		623
5962-8866205NA	E	01/08/2016	1	MICROSS		Y MT5C2568C-35/883C		623
5962-8866205NA	E	01/08/2016	1	PYRAMID		Y P4C1256-35DMB		623
5962-8866205NC	E	01/08/2016	1	PYRAMID		Y P4C1256-35CMB		623
5962-8866205TA	E	01/08/2016	2	E2V		Y QP7C199-35FMB		623
5962-8866205TA	E	01/08/2016	1	MICROSS		Y MT5C2568F-35/883C		623
5962-8866205TA	E	01/08/2016	1	PYRAMID		Y P4C1256-35FSMB		623
5962-8866205UA	E	01/08/2016	2	E2V		Y QP7C199-35LMB		623
5962-8866205UA	E	01/08/2016	1	MICROSS		Y MT5C2568EC-35/883C		623
5962-8866205UA	E	01/08/2016	1	PYRAMID		Y P4C1256-35L28MB		623
5962-8866205XA	E	01/08/2016	2	E2V		Y QP7C198-35DMB		623
5962-8866205XA	E	01/08/2016		IDT		Y IDT71256S35DB		623
5962-8866205XA	E	01/08/2016	1	PYRAMID		Y P4C1256-35DWMB		623
5962-8866205YA	E	01/08/2016	2	E2V		Y QP7C198-35LMB		623
5962-8866205YA	E	01/08/2016	1	MICROSS		Y MT5C2568ECW-35/883C		623
5962-8866205YA	E	01/08/2016	1	PYRAMID		Y P4C1256-35L32MB		623
5962-8866206MA	E	01/08/2016	2	E2V		Y QP7C199-25KMB		623
5962-8866206MA	E	01/08/2016	1	PYRAMID		Y P4C1256-25FMB		623
5962-8866206NA	E	01/08/2016	2	E2V		Y QP7C199-25DMB		623
5962-8866206NA	E	01/08/2016		IDT		Y IDT71256S25TDB		623
5962-8866206NA	E	01/08/2016	1	MICROSS		Y MT5C2568C-25/883C		623
5962-8866206NA	E	01/08/2016	1	PYRAMID		Y P4C1256-25DMB		623
5962-8866206NC	E	01/08/2016	1	PYRAMID		Y P4C1256-25CMB		623
5962-8866206TA	E	01/08/2016	2	E2V		Y QP7C199-25FMB		623
5962-8866206TA	E	01/08/2016	1	MICROSS		Y MT5C2568F-25/883C		623
5962-8866206TA	E	01/08/2016	1	PYRAMID		Y P4C1256-25FSMB		623
5962-8866206UA	E	01/08/2016	2	E2V		Y QP7C199-25LMB		623
5962-8866206UA	E	01/08/2016	1	MICROSS		Y MT5C2568EC-25/883C		623
5962-8866206UA	E	01/08/2016	1	PYRAMID		Y P4C1256-25L28MB		623
5962-8866206XA	E	01/08/2016	2	E2V		Y QP7C198-25DMB		623
5962-8866206XA	E	01/08/2016		IDT		Y IDT71256S25DB		623
5962-8866206XA	E	01/08/2016	1	PYRAMID		Y P4C1256-25DWMB		623
5962-8866206YA	E	01/08/2016	2	E2V		Y QP7C198-25LMB		623
5962-8866206YA	E	01/08/2016	1	MICROSS		Y MT5C2568ECW-25/883C		623
5962-8866206YA	E	01/08/2016	1	PYRAMID		Y P4C1256-25L32MB		623
5962-8866207MA	E	01/08/2016	2	E2V		Y QP7C199-20KMB		623
5962-8866207MA	E	01/08/2016	1	PYRAMID		Y P4C1256-20FMB		623
5962-8866207NA	E	01/08/2016	2	E2V		Y QP7C199-20DMB		623
5962-8866207NA	E	01/08/2016	1	MICROSS		Y MT5C2568C-20/883C		623
5962-8866207NA	E	01/08/2016	1	PYRAMID		Y P4C1256-20DMB		623
5962-8866207NC	E	01/08/2016	1	PYRAMID		Y P4C1256-20CMB		623
5962-8866207TA	E	01/08/2016	2	E2V		Y QP7C199-20FMB		623
5962-8866207TA	E	01/08/2016	1	MICROSS		Y MT5C2568F-20/883C		623
5962-8866207TA	E	01/08/2016	1	PYRAMID		Y P4C1256-20FSMB		623
5962-8866207UA	E	01/08/2016	2	E2V		Y QP7C199-20LMB		623
5962-8866207UA	E	01/08/2016	1	MICROSS		Y MT5C2568EC-20/883C		623



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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8866207UA	E	01/08/2016	1	PYRAMID		Y P4C1256-20L28MB		623
5962-8866207XA	E	01/08/2016	2	E2V		Y QP7C198-20DMB		623
5962-8866207XA	E	01/08/2016	1	IDT		Y IDT71256S20DB		623
5962-8866207XA	E	01/08/2016	1	PYRAMID		Y P4C1256-20DWMB		623
5962-8866207YA	E	01/08/2016	2	E2V		Y QP7C198-20LMB		623
5962-8866207YA	E	01/08/2016	1	MICROSS		Y MT5C2568ECW-20/883C		623
5962-8866207YA	E	01/08/2016	1	PYRAMID		Y P4C1256-20L32MB		623
5962-8866208MA	E	01/08/2016	2	E2V		Y QP7C199-15KMB		623
5962-8866208MA	E	01/08/2016	1	PYRAMID		Y P4C1256-15FMB		623
5962-8866208NA	E	01/08/2016	2	E2V		Y QP7C199-15DMB		623
5962-8866208NA	E	01/08/2016	1	MICROSS		Y MT5C2568C-15/883C		623
5962-8866208NA	E	01/08/2016	1	PYRAMID		Y P4C1256-15DMB		623
5962-8866208TA	E	01/08/2016	2	E2V		Y QP7C199-15FMB		623
5962-8866208TA	E	01/08/2016	1	MICROSS		Y MT5C2568F-15/883C		623
5962-8866208TA	E	01/08/2016	1	PYRAMID		Y P4C1256-15FSMB		623
5962-8866208UA	E	01/08/2016	2	E2V		Y QP7C199-15LMB		623
5962-8866208UA	E	01/08/2016	1	MICROSS		Y MT5C2568EC-15/883C		623
5962-8866208UA	E	01/08/2016	1	PYRAMID		Y P4C1256-15L28MB		623
5962-8866208XA	E	01/08/2016	2	E2V		Y QP7C198-15DMB		623
5962-8866208XA	E	01/08/2016	1	PYRAMID		Y P4C1256-15DWMB		623
5962-8866208YA	E	01/08/2016	2	E2V		Y QP7C198-15LMB		623
5962-8866208YA	E	01/08/2016	1	MICROSS		Y MT5C2568ECW-15/883C		623
5962-8866208YA	E	01/08/2016	1	PYRAMID		Y P4C1256-15L32MB		623
5962-8866209MA	E	01/08/2016	2	E2V		Y QP7C199-12KMB		623
5962-8866209MA	E	01/08/2016	1	PYRAMID		Y P4C1256-12FMB		623
5962-8866209NA	E	01/08/2016	2	E2V		Y QP7C199-12DMB		623
5962-8866209NA	E	01/08/2016	1	MICROSS		Y MT5C2568C-12/883C		623
5962-8866209NA	E	01/08/2016	1	PYRAMID		Y P4C1256-12DMB		623
5962-8866209TA	E	01/08/2016	2	E2V		Y QP7C199-12FMB		623
5962-8866209TA	E	01/08/2016	1	MICROSS		Y MT5C2568F-12/883C		623
5962-8866209TA	E	01/08/2016	1	PYRAMID		Y P4C1256-12FSMB		623
5962-8866209UA	E	01/08/2016	2	E2V		Y QP7C199-12LMB		623
5962-8866209UA	E	01/08/2016	1	MICROSS		Y MT5C2568EC-12/883C		623
5962-8866209UA	E	01/08/2016	1	PYRAMID		Y P4C1256-12L28MB		623
5962-8866209XA	E	01/08/2016	2	E2V		Y QP7C198-12DMB		623
5962-8866209XA	E	01/08/2016	1	PYRAMID		Y P4C1256-12CWMB		623
5962-8866209YA	E	01/08/2016	2	E2V		Y QP7C198-12LMB		623
5962-8866209YA	E	01/08/2016	1	MICROSS		Y MT5C2568ECW-12/883C		623
5962-8866209YA	E	01/08/2016	1	PYRAMID		Y P4C1256-12L32MB		623
5962-88663013A	B	12/13/2013	1	ANALOG (3)		Y AD7228TE/883B		591
5962-8866301LA	B	12/13/2013		(NONE)		AD7228T (GEN)		591
5962-88663023A	B	12/13/2013	1	ANALOG (3)		Y AD7228UE/883B		591
5962-8866302LA	B	12/13/2013	1	ANALOG (3)		Y AD7228UQ/883B		591
5962-8866401EA	A	06/25/2002		(NONE)		SG3081 (GEN)		790
5962-8866501XA	F	01/25/2016		(NONE)				618
5962-8866501YA	F	01/25/2016		(NONE)				618
5962-8866501ZA	F	01/25/2016		(NONE)				618
5962-8866502XA	F	01/25/2016		(NONE)				618
5962-8866502YA	F	01/25/2016		(NONE)				618

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

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5962-8866502ZA	F	01/25/2016		(NONE)				618
5962-8866503UA	F	01/25/2016		(NONE)				618
5962-8866503XA	F	01/25/2016		(NONE)				618
5962-8866503YA	F	01/25/2016		(NONE)				618
5962-8866503ZA	F	01/25/2016		(NONE)				618
5962-8866504XA	F	01/25/2016		(NONE)				618
5962-8866504YA	F	01/25/2016		(NONE)				618
5962-8866504ZA	F	01/25/2016		(NONE)				618
5962-8866505UA	F	01/25/2016		(NONE)				618
5962-8866505XA	F	01/25/2016		(NONE)				618
5962-8866505YA	F	01/25/2016		(NONE)				618
5962-8866505ZA	F	01/25/2016		(NONE)				618
5962-8866506XA	F	01/25/2016		(NONE)				618
5962-8866506YA	F	01/25/2016		(NONE)				618
5962-8866506ZA	F	01/25/2016		(NONE)				618
5962-8866507UA	F	01/25/2016	3	IDT		Y	IDT7133LA90FB	618
5962-8866507ZA	F	01/25/2016	2	IDT		Y	IDT7133LA90GB	618
5962-8866508UA	F	01/25/2016	3	IDT		Y	IDT7143LA90FB	618
5962-8866508ZA	F	01/25/2016	2	IDT		Y	IDT7143LA90GB	618
5962-8866509UA	F	01/25/2016	3	IDT		Y	IDT7133LA70FB	618
5962-8866509ZA	F	01/25/2016	2	IDT		Y	IDT7133LA70GB	618
5962-8866510UA	F	01/25/2016	3	IDT		Y	IDT7143LA70FB	618
5962-8866510ZA	F	01/25/2016	2	IDT		Y	IDT7143LA70GB	618
5962-8866511UA	F	01/25/2016	3	IDT		Y	IDT7133LA55FB	618
5962-8866511ZA	F	01/25/2016	2	IDT		Y	IDT7133LA55GB	618
5962-8866512UA	F	01/25/2016	3	IDT		Y	IDT7143LA55FB	618
5962-8866512ZA	F	01/25/2016	2	IDT		Y	IDT7143LA55GB	618
5962-8866513UA	F	01/25/2016	3	IDT		Y	IDT7133LA45FB	618
5962-8866513ZA	F	01/25/2016	2	IDT		Y	IDT7133LA45GB	618
5962-8866514UA	F	01/25/2016	3	IDT		Y	IDT7143LA45FB	618
5962-8866514ZA	F	01/25/2016	2	IDT		Y	IDT7143LA45GB	618
5962-8866515UA	F	01/25/2016	1C	E2V		Y	QP7133LA35FB	618
5962-8866515UA	F	01/25/2016	3	IDT		Y	IDT7133LA35FB	618
5962-8866515ZA	F	01/25/2016	2	IDT		Y	IDT7133LA35GB	618
5962-8866516UA	F	01/25/2016	3	IDT		Y	IDT7143LA35FB	618
5962-8866516ZA	F	01/25/2016	2	IDT		Y	IDT7143LA35GB	618
5962-8866601QA		06/10/1988		(NONE)			68155 (GEN)	421
5962-88668012A	D	02/15/2008		(NONE)	11/28/2015		54ALS534A (GEN)	159
5962-8866801RA	D	02/15/2008		(NONE)	11/28/2015		54ALS534A (GEN)	159
5962-8866801SA	D	02/15/2008		(NONE)	11/28/2015		54ALS534A (GEN)	159
5962-8866901UA	F	02/01/2016	3	E2V		Y	CY7C429-80KMB	670
5962-8866901XA	F	02/01/2016	3	E2V		Y	CY7C428-80DMB	670
5962-8866901YA	F	02/01/2016	3	E2V		Y	CY7C429-80DMB	670
5962-8866901ZA	F	02/01/2016	3	E2V		Y	CY7C429-80LMB	670
5962-8866902UA	F	02/01/2016	3	E2V		Y	CY7C429-65KMB	670
5962-8866902XA	F	02/01/2016	3	E2V		Y	CY7C428-65DMB	670
5962-8866902YA	F	02/01/2016	3	E2V		Y	CY7C429-65DMB	670
5962-8866902ZA	F	02/01/2016	3	E2V		Y	CY7C429-65LMB	670
5962-8866903UA	F	02/01/2016	3	E2V		Y	CY7C429-50KMB	670

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

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5962-8866903XA	F	02/01/2016	3	E2V		Y CY7C428-50DMB		670
5962-8866903YA	F	02/01/2016	3	E2V		Y CY7C429-50DMB		670
5962-8866903ZA	F	02/01/2016	3	E2V		Y CY7C429-50LMB		670
5962-8866904UA	F	02/01/2016	3	E2V		Y CY7C429-40KMB		670
5962-8866904XA	F	02/01/2016	3	E2V		Y CY7C428-40DMB		670
5962-8866904YA	F	02/01/2016	3	E2V		Y CY7C429-40DMB		670
5962-8866904ZA	F	02/01/2016	3	E2V		Y CY7C429-40LMB		670
5962-8866905UA	F	02/01/2016	3	E2V		Y CY7C429-30KMB		670
5962-8866905XA	F	02/01/2016	3	E2V		Y CY7C428-30DMB		670
5962-8866905YA	F	02/01/2016	3	E2V		Y CY7C429-30DMB		670
5962-8866905YA	F	02/01/2016	2	IDT		Y IDT7203S30TDB		670
5962-8866905ZA	F	02/01/2016	3	E2V		Y CY7C429-30LMB		670
5962-8866905ZA	F	02/01/2016		IDT		Y IDT7203S30LB		670
5962-8866906UA	F	02/01/2016	3	E2V		Y CY7C429-20KMB		670
5962-8866906XA	F	02/01/2016	3	E2V		Y CY7C428-20DMB		670
5962-8866906YA	F	02/01/2016	3	E2V		Y CY7C429-20DMB		670
5962-8866906YA	F	02/01/2016	2	IDT		Y IDT7203S20TDB		670
5962-8866906ZA	F	02/01/2016	3	E2V		Y CY7C429-20LMB		670
5962-8866906ZA	F	02/01/2016		IDT		Y IDT7203S20LB		670
5962-8866907UA	F	02/01/2016	3	E2V		Y CY7C429-25KMB		670
5962-8866907XA	F	02/01/2016	3	E2V		Y CY7C428-25DMB		670
5962-8866907YA	F	02/01/2016	3	E2V		Y CY7C429-25DMB		670
5962-8866907ZA	F	02/01/2016	3	E2V		Y CY7C429-25LMB		670
5962-88670013A	F	10/18/2017	2	E2V		Y PALC22V10-25LMB		431
5962-8867001KA	F	10/18/2017	2	E2V		Y PALC22V10-25KMB		431
5962-8867001LA	F	10/18/2017	2	E2V		Y PALC22V10-25DMB		431
5962-88670023A	F	10/18/2017	2	E2V		Y PALC22V10-30LMB		431
5962-8867002KA	F	10/18/2017	2	E2V		Y PALC22V10-30KMB		431
5962-8867002LA	F	10/18/2017	2	E2V		Y PALC22V10-30DMB		431
5962-88670033A	F	10/18/2017	2	E2V		Y PALC22V10-40LMB		431
5962-8867003KA	F	10/18/2017	2	E2V		Y PALC22V10-40KMB		431
5962-8867003LA	F	10/18/2017	2	E2V		Y PALC22V10-40DMB		431
5962-88670043A	F	10/18/2017	2	E2V		Y PALC22V10B-20LMB		431
5962-8867004KA	F	10/18/2017	2	E2V		Y PALC22V10B-20KMB		431
5962-8867004LA	F	10/18/2017	2	E2V		Y PALC22V10B-20DMB		431
5962-88670053A	F	10/18/2017	2	E2V		Y PALC22V10B-15LMB		431
5962-8867005KA	F	10/18/2017	2	E2V		Y PALC22V10B-15KMB		431
5962-8867005LA	F	10/18/2017	2	E2V		Y PALC22V10B-15DMB		431
5962-8867101EA	C	02/26/2019	1	TI		Y CD54HCT191F3A		304
5962-8867201EA	B	12/19/2011	1	TI		Y CD54HCT85F3A		209
5962-88673013A	E	09/16/2014	2	TI		Y SNJ54ALS652FK		590
5962-8867301KA	E	09/16/2014	2	TI		Y SNJ54ALS652W		590
5962-8867301LA	E	09/16/2014	2	TI		Y SNJ54ALS652JT		590
5962-88674013A		09/15/1988		(NONE)	04/27/1998	54FCT825A (GEN)		421
5962-8867401KA		09/15/1988		(NONE)	04/27/1998	54FCT825A (GEN)		421
5962-8867401LA		09/15/1988		(NONE)	04/27/1998	54FCT825A (GEN)		421
5962-88674023A		09/15/1988		(NONE)	04/27/1998	54FCT825B (GEN)		421
5962-8867402KA		09/15/1988		(NONE)	04/27/1998	54FCT825B (GEN)		421
5962-8867402LA		09/15/1988		(NONE)	04/27/1998	54FCT825B (GEN)		421

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-88675013A		09/06/1988		(NONE)			54FCT845A (GEN)	599
5962-8867501KA		09/06/1988		(NONE)			54FCT845A (GEN)	599
5962-8867501LA		09/06/1988		(NONE)			54FCT845A (GEN)	599
5962-88675023A		09/06/1988		(NONE)			54FCT845B (GEN)	599
5962-8867502KA		09/06/1988		(NONE)			54FCT845B (GEN)	599
5962-8867502LA		09/06/1988		(NONE)			54FCT845B (GEN)	599
5962-8867601JA	B	01/03/2018		(NONE)				658
5962-8867601LA	B	01/03/2018		(NONE)				658
5962-8867601XA	B	01/03/2018		(NONE)				658
5962-8867602JA	B	01/03/2018		(NONE)				658
5962-8867602LA	B	01/03/2018		(NONE)				658
5962-8867602XA	B	01/03/2018		(NONE)				658
5962-8867603JA	B	01/03/2018		(NONE)				658
5962-8867603LA	B	01/03/2018		(NONE)				658
5962-8867603XA	B	01/03/2018		(NONE)				658
5962-8867701XA	C	05/05/2009	1	ROCHESTER		Y 2903A/BXA		401
5962-8867701YA	C	05/05/2009	1	ROCHESTER		Y 2903A/BYA		401
5962-8867701YC	C	05/05/2009	1	ROCHESTER		Y 2903A/BYC		401
5962-8867701ZA	C	05/05/2009	1	ROCHESTER		Y 2903A/BZA		401
5962-8867701ZC	C	05/05/2009	1	ROCHESTER		Y 2903A/BZC		401
5962-8867801RA	C	05/19/2014		(NONE)			C16L8-40 (GEN)	431
5962-8867801SA	C	05/19/2014		(NONE)			C16L8-40 (GEN)	431
5962-8867801XA	C	05/19/2014		(NONE)			C16L8-40 (GEN)	431
5962-8867802RA	C	05/19/2014	1	E2V		Y PALC16R8-40WMB		431
5962-8867802SA	C	05/19/2014	1	E2V		Y PALC16R8-40TMB		431
5962-8867802XA	C	05/19/2014	1	E2V		Y PALC16R8-40QMB		431
5962-8867803RA	C	05/19/2014	1	E2V		Y PALC16R6-40WMB		431
5962-8867803SA	C	05/19/2014	1	E2V		Y PALC16R6-40TMB		431
5962-8867803XA	C	05/19/2014	1	E2V		Y PALC16R6-40QMB		431
5962-8867804RA	C	05/19/2014		(NONE)	05/31/1998		C16R4-40 (GEN)	431
5962-8867804SA	C	05/19/2014		(NONE)			C16R4-40 (GEN)	431
5962-8867804XA	C	05/19/2014		(NONE)			C16R4-40 (GEN)	431
5962-8867805RA	C	05/19/2014		(NONE)			C16L8-30 (GEN)	431
5962-8867805SA	C	05/19/2014		(NONE)			C16L8-30 (GEN)	431
5962-8867805XA	C	05/19/2014		(NONE)			C16L8-30 (GEN)	431
5962-8867806RA	C	05/19/2014		(NONE)			C16R8-30 (GEN)	431
5962-8867806SA	C	05/19/2014	1	E2V		Y PALC16R8-30TMB		431
5962-8867806XA	C	05/19/2014	1	E2V		Y PALC16R8-30QMB		431
5962-8867807RA	C	05/19/2014	1	E2V		Y PALC16R6-30WMB		431
5962-8867807SA	C	05/19/2014	1	E2V		Y PALC16R6-30TMB		431
5962-8867807XA	C	05/19/2014	1	E2V		Y PALC16R6-30QMB		431
5962-8867808RA	C	05/19/2014		(NONE)			C16R4-30 (GEN)	431
5962-8867808SA	C	05/19/2014		(NONE)			C16R4-30 (GEN)	431
5962-8867808XA	C	05/19/2014		(NONE)			C16R4-30 (GEN)	431
5962-8867809RA	C	05/19/2014		(NONE)			C16L8-20 (GEN)	431
5962-8867809SA	C	05/19/2014		(NONE)			C16L8-20 (GEN)	431
5962-8867809XA	C	05/19/2014		(NONE)			C16L8-20 (GEN)	431
5962-8867810RA	C	05/19/2014	1	E2V		Y PALC16R8-20WMB		431
5962-8867810SA	C	05/19/2014	1	E2V		Y PALC16R8-20TMB		431

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5962-8867810XA	C	05/19/2014	1	E2V		Y	PALC16R8-20QMB	431
5962-8867811RA	C	05/19/2014	1	E2V		Y	PALC16R6-20WMB	431
5962-8867811SA	C	05/19/2014	1	E2V		Y	PALC16R6-20TMB	431
5962-8867811XA	C	05/19/2014	1	E2V		Y	PALC16R6-20QMB	431
5962-8867812RA	C	05/19/2014		(NONE)	05/30/1999		C16R4-20 (GEN)	431
5962-8867812SA	C	05/19/2014		(NONE)			C16R4-20 (GEN)	431
5962-8867812XA	C	05/19/2014		(NONE)			C16R4-20 (GEN)	431
5962-88680013A	B	09/18/2017		(NONE)				658
5962-8868001KA	B	09/18/2017		(NONE)				658
5962-8868001LA	B	09/18/2017		(NONE)	05/31/1998		7C293A-50 (GEN)	658
5962-88680023A	B	09/18/2017		(NONE)				658
5962-8868002KA	B	09/18/2017		(NONE)				658
5962-8868002LA	B	09/18/2017		(NONE)	05/31/1998		7C293A-35 (GEN)	658
5962-88680033A	B	09/18/2017		(NONE)				658
5962-8868003KA	B	09/18/2017		(NONE)				658
5962-8868003LA	B	09/18/2017		(NONE)	05/31/1998		7C293A-30 (GEN)	658
5962-88680043A	B	09/18/2017		(NONE)				658
5962-8868004KA	B	09/18/2017		(NONE)				658
5962-8868004LA	B	09/18/2017		(NONE)			7C293A-25 (GEN)	658
5962-8868101LA	E	02/09/2016	1	E2V		Y	CY7C194-35DMB	623
5962-8868101LA	E	02/09/2016	1	MICROSS		Y	MT5C2564C-35/883C	623
5962-8868101LA	E	02/09/2016	1	PYRAMID		Y	P4C1258-35CMB	623
5962-8868101XA	E	02/09/2016	1	E2V		Y	CY7C194-35LMB	623
5962-8868101XA	E	02/09/2016	1	PYRAMID		Y	P4C1258-35LMB	623
5962-8868101YA	E	02/09/2016	1	E2V		Y	CY7C194-35KMB	623
5962-8868101YA	E	02/09/2016	1	PYRAMID		Y	P4C1258-35FSMB	623
5962-8868102LA	E	02/09/2016	1	E2V		Y	CY7C194-45DMB	623
5962-8868102LA	E	02/09/2016	1	MICROSS		Y	MT5C2564C-45/883C	623
5962-8868102LA	E	02/09/2016	1	PYRAMID		Y	P4C1258-45CMB	623
5962-8868102XA	E	02/09/2016	1	E2V		Y	CY7C194-45LMB	623
5962-8868102XA	E	02/09/2016	1	PYRAMID		Y	P4C1258-45LMB	623
5962-8868102YA	E	02/09/2016	1	E2V		Y	CY7C194-45KMB	623
5962-8868102YA	E	02/09/2016	1	PYRAMID		Y	P4C1258-45FSMB	623
5962-8868103LA	E	02/09/2016	1	E2V		Y	CY7C194-55DMB	623
5962-8868103LA	E	02/09/2016	1	MICROSS		Y	MT5C2564C-55/883C	623
5962-8868103LA	E	02/09/2016	1	PYRAMID		Y	P4C1258-55CMB	623
5962-8868103XA	E	02/09/2016	1	E2V		Y	CY7C194-55LMB	623
5962-8868103XA	E	02/09/2016	1	PYRAMID		Y	P4C1258-55LMB	623
5962-8868103YA	E	02/09/2016	1	E2V		Y	CY7C194-55KMB	623
5962-8868103YA	E	02/09/2016	1	PYRAMID		Y	P4C1258-55FSMB	623
5962-8868104LA	E	02/09/2016	1	E2V		Y	CY7C194-70DMB	623
5962-8868104LA	E	02/09/2016	1	MICROSS		Y	M5C2564C-70/883C	623
5962-8868104LA	E	02/09/2016	1	PYRAMID		Y	P4C1258-70CMB	623
5962-8868104XA	E	02/09/2016	1	E2V		Y	CY7C194-70LMB	623
5962-8868104XA	E	02/09/2016	1	PYRAMID		Y	P4C1258-70LMB	623
5962-8868104YA	E	02/09/2016	1	E2V		Y	CY7C194-70KMB	623
5962-8868104YA	E	02/09/2016	1	PYRAMID		Y	P4C1258-70FSMB	623
5962-8868105LA	E	02/09/2016	1	E2V		Y	CY7C194-25DMB	629
5962-8868105LA	E	02/09/2016	1	MICROSS		Y	MT5C2564C-25/883C	629

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5962-8868105LA	E	02/09/2016	1	PYRAMID		Y P4C1258-25CMB		629
5962-8868105XA	E	02/09/2016	1	E2V		Y CY7C194-25LMB		629
5962-8868105XA	E	02/09/2016	1	PYRAMID		Y P4C1258-25LMB		629
5962-8868105YA	E	02/09/2016	1	E2V		Y CY7C194-25KMB		629
5962-8868105YA	E	02/09/2016	1	PYRAMID		Y P4C1258-25FSMB		629
5962-8868106LA	E	02/09/2016	1	E2V		Y CY7C194-20DMB		629
5962-8868106LA	E	02/09/2016	1	MICROSS		Y MT5C2564C-20/883C		629
5962-8868106LA	E	02/09/2016	1	PYRAMID		Y P4C1258-20CMB		629
5962-8868106XA	E	02/09/2016	1	E2V		Y CY7C194-20LMB		629
5962-8868106XA	E	02/09/2016	1	PYRAMID		Y P4C1258-20LMB		629
5962-8868106YA	E	02/09/2016	1	E2V		Y CY7C194-20KMB		629
5962-8868106YA	E	02/09/2016	1	PYRAMID		Y P4C1258-20FSMB		629
5962-88682012A	C	01/25/2013	3	TI		Y SNJ54HC253FK		273
5962-8868201EA	C	01/25/2013	3	TI		Y SNJ54HC253J		273
5962-8868301UA	C	04/01/2016	1	PYRAMID		Y P4C163L-45LMB		629
5962-8868301XA	C	04/01/2016	1	PYRAMID		Y P4C163L-45CWMB		629
5962-8868301YA	C	04/01/2016	1	PYRAMID		Y P4C163L-45CMB		629
5962-8868301ZA	C	04/01/2016	1	PYRAMID		Y P4C163L-45FMB		629
5962-8868302UA	C	04/01/2016	1	PYRAMID		Y P4C163L-35LMB		629
5962-8868302XA	C	04/01/2016	1	PYRAMID		Y P4C163L-35CWMB		629
5962-8868302YA	C	04/01/2016	1	PYRAMID		Y P4C163L-35CMB		629
5962-8868302ZA	C	04/01/2016	1	PYRAMID		Y P4C163L-35FMB		629
5962-8868303UA	C	04/01/2016	1	PYRAMID		Y P4C163L-25LMB		629
5962-8868303XA	C	04/01/2016	1	PYRAMID		Y P4C163L-25CWMB		629
5962-8868303YA	C	04/01/2016	1	PYRAMID		Y P4C163L-25CMB		629
5962-8868303ZA	C	04/01/2016	1	PYRAMID		Y P4C163L-25FMB		629
5962-8868304UA	C	04/01/2016	1	PYRAMID		Y P4C163L-45LMB		629
5962-8868304XA	C	04/01/2016	1	PYRAMID		Y P4C163L-45DWMB		629
5962-8868304YA	C	04/01/2016	1	PYRAMID		Y P4C163L-45CMB		629
5962-8868304ZA	C	04/01/2016	1	PYRAMID		Y P4C163L-45FMB		629
5962-8868305UA	C	04/01/2016	1	PYRAMID		Y P4C163L-35LMB		629
5962-8868305XA	C	04/01/2016	1	PYRAMID		Y P4C163L-35DWMB		629
5962-8868305YA	C	04/01/2016	1	PYRAMID		Y P4C163L-35CMB		629
5962-8868305ZA	C	04/01/2016	1	PYRAMID		Y P4C163L-35FMB		629
5962-8868306UA	C	04/01/2016	1	PYRAMID		Y P4C163L-25LMB		629
5962-8868306XA	C	04/01/2016	1	PYRAMID		Y P4C163L-25DWMB		629
5962-8868306YA	C	04/01/2016	1	PYRAMID		Y P4C163L-25CMB		629
5962-8868306ZA	C	04/01/2016	1	PYRAMID		Y P4C163L-25FMB		629
5962-8868401CA	A	07/10/2007		(NONE)	06/30/1996	SP8755 (GEN)		319
5962-88685012A	K	02/25/2008		(NONE)	05/01/1998	TL7705AM (GEN)		787
5962-8868501PA	K	02/25/2008		(NONE)	05/01/1998	TL7705AM (GEN)		787
5962-88685022A	K	02/25/2008		(NONE)	05/01/1998	TL7702AM (GEN)		787
5962-8868502PA	K	02/25/2008		(NONE)	05/01/1998	TL7702AM (GEN)		787
5962-88685032A	K	02/25/2008		(NONE)	12/31/2001	TL7705B (GEN)		787
5962-8868503HA	K	02/25/2008		(NONE)	12/31/2001	TL7705B (GEN)		787
5962-8868503PA	K	02/25/2008		(NONE)	12/31/2001	TL7705B (GEN)		787
5962-88685042A	K	02/25/2008		(NONE)	08/15/1999	TL7702B (GEN)		787
5962-8868504HA	K	02/25/2008		(NONE)	08/15/1999	TL7702B (GEN)		787
5962-8868504PA	K	02/25/2008		(NONE)	08/15/1999	TL7702B (GEN)		787



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5962-88685052A	K	02/25/2008		(NONE)	12/31/2001		TL7705B (GEN)	787
5962-8868505HA	K	02/25/2008		(NONE)	12/31/2001		TL7705B (GEN)	787
5962-8868505PA	K	02/25/2008		(NONE)	12/31/2001		TL7705B (GEN)	787
5962-88687013A	D	09/26/2018		(NONE)	11/28/2015		54AS652 (GEN)	590
5962-8868701KA	D	09/26/2018		(NONE)	11/28/2015		54AS652 (GEN)	590
5962-8868701LA	D	09/26/2018	2	TI			SNJ54AS652JT	590
5962-8868901QA	E	06/06/2013	1	E2V			Z85C3006CMB	420
5962-8868901YA	E	06/06/2013	1	E2V			Z85C3006LMB	420
5962-8868902QA	E	06/06/2013	1	E2V			Z85C3008CMB	420
5962-8868902YA	E	06/06/2013	1	E2V			Z85C3008LMB	420
5962-8868903QA	E	06/06/2013		(NONE)	08/04/1995		85C30-10 (GEN)	420
5962-8868903YA	E	06/06/2013		(NONE)	08/04/1995		85C30-10 (GEN)	420
5962-8868904QA	E	06/06/2013		(NONE)			85C30-12 (GEN)	420
5962-8868904YA	E	06/06/2013		(NONE)			85C30-12 (GEN)	420
5962-8868905QA	E	06/06/2013		(NONE)	08/04/1995		85C30-16 (GEN)	420
5962-8868905YA	E	06/06/2013		(NONE)	08/04/1995		85C30-16 (GEN)	420
5962-8868906QA	E	06/06/2013		(NONE)	08/04/1995		85C30-8 (GEN)	420
5962-8868906YA	E	06/06/2013		(NONE)	08/04/1995		85C30-8 (GEN)	420
5962-8868907QA	E	06/06/2013	1	E2V			Z85C3010CMB	420
5962-8868907XA	E	06/06/2013	1	E2V			Z85C3010NMB	420
5962-8868907YA	E	06/06/2013	1	E2V			Z85C3010LMB	420
5962-8868908QA	E	06/06/2013	1	E2V			Z8523010CMB	420
5962-8868908YA	E	06/06/2013	1	E2V			Z8523010LMB	420
5962-8868909QA	E	06/06/2013	1	E2V			Z8523016CMB	420
5962-8868909YA	E	06/06/2013	1	E2V			Z8523016LMB	420
5962-8868910QA	E	06/06/2013	1	E2V			Z8523008CMB	420
5962-8868910YA	E	06/06/2013	1	E2V			Z8523008LMB	420
5962-88690013A	C	05/02/2016		(NONE)			HM4-6642 (GEN)	656
5962-8869001JA	C	05/02/2016		(NONE)	03/25/2001		HM1-6642 (GEN)	656
5962-8869001LA	C	05/02/2016		(NONE)			HM6-6642 (GEN)	656
5962-88690023A	C	05/02/2016		(NONE)			HM4-6642B (GEN)	656
5962-8869002JA	C	05/02/2016		(NONE)	12/10/2015		HM1-6642B (GEN)	656
5962-8869002LA	C	05/02/2016		(NONE)	09/23/2001		HM6-6642B (GEN)	656
5962-88691012A	D	10/29/2018	2	TI		Y	SNJ54ALS520FK	209
5962-8869101RA	D	10/29/2018	2	TI		Y	SNJ54ALS520J	209
5962-8869201TA	M	06/04/2012		(NONE)	11/30/2001		BUS61563 (GEN)	899
5962-8869201XA	M	06/04/2012		(NONE)	11/30/2001		BUS61553 (GEN)	899
5962-8869201XA	M	06/04/2012	1	AEROFLEX		Y	CT2553-001-2	899
5962-8869201XC	M	06/04/2012	1	AEROFLEX		Y	CT2553-001-1	899
5962-8869201YA	M	06/04/2012		(NONE)			BUS61563 (GEN)	899
5962-8869201YA	M	06/04/2012	1	AEROFLEX		Y	CT2553-201-2	899
5962-8869201YC	M	06/04/2012	1	AEROFLEX		Y	CT2553-201-1	899
5962-8869201ZA	M	06/04/2012		(NONE)			BUS61563 (GEN)	899
5962-8869202TA	M	06/04/2012		(NONE)	11/30/2001		BUS61564 (GEN)	899
5962-8869202XA	M	06/04/2012		(NONE)	11/30/2001		BUS61554 (GEN)	899
5962-8869202XA	M	06/04/2012	1	AEROFLEX		Y	CT2554-001-2	899
5962-8869202XC	M	06/04/2012		(NONE)	11/30/2001		BUS61554 (GEN)	899
5962-8869202XC	M	06/04/2012	1	AEROFLEX		Y	CT2554-001-1	899
5962-8869202YA	M	06/04/2012		(NONE)			BUS61564 (GEN)	899

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5962-8869202YA	M	06/04/2012	1	AEROFLEX		Y CT2554-201-2		899
5962-8869202YC	M	06/04/2012	1	AEROFLEX		Y CT2554-201-1		899
5962-8869202ZA	M	06/04/2012		(NONE)		BUS61564 (GEN)		899
5962-8869203XA	M	06/04/2012		(NONE)	11/30/2001	BUS61555 (GEN)		899
5962-8869203XA	M	06/04/2012	1	AEROFLEX		Y CT2555-001-2		899
5962-8869203XC	M	06/04/2012	1	AEROFLEX		Y CT2555-001-1		899
5962-8869203YA	M	06/04/2012		(NONE)	11/30/2001	BUS61565 (GEN)		899
5962-8869203YA	M	06/04/2012	1	AEROFLEX		Y CT2555-201-2		899
5962-8869203YC	M	06/04/2012	1	AEROFLEX		Y CT2555-201-1		899
5962-8869203ZA	M	06/04/2012		(NONE)		BUS61565 (GEN)		899
5962-8869204XA	M	06/04/2012		(NONE)	11/30/2001	BUS61556 (GEN)		899
5962-8869205XA	M	06/04/2012	1	AEROFLEX		Y CT2555-003-2		899
5962-8869205XC	M	06/04/2012	1	AEROFLEX		Y CT2555-003-1		899
5962-88693012A	E	09/25/2017	2	TI		Y SNJ54ALS804AFK		509
5962-8869301RA	E	09/25/2017	2	TI		Y SNJ54ALS804AJ		509
5962-8869301SA	E	09/25/2017	2	TI		Y SNJ54ALS804AW		509
5962-88694012A	C	11/15/2007		(NONE)	12/31/2001	54ALS805A (GEN)		502
5962-8869401RA	C	11/15/2007		(NONE)	12/31/2001	54ALS805A (GEN)		502
5962-8869401SA	C	11/15/2007		(NONE)		54ALS805A (GEN)		502
5962-88695012A	B	07/12/2007		(NONE)		54ALS808 (GEN)		502
5962-8869501RA	B	07/12/2007		(NONE)		54ALS808 (GEN)		502
5962-8869501SA	B	07/12/2007		(NONE)		54ALS808 (GEN)		502
5962-8869601XA	A	08/20/1990		(NONE)	08/04/1995	2968A (GEN)		423
5962-8869602YA	A	08/20/1990		(NONE)		2968A (GEN)		423
5962-88697012A	G	05/22/2018	1	TI		Y UC1903L/883B		787
5962-8869701VA	G	05/22/2018	1	TI		Y UC1903J/883B		787
5962-88698012A	E	09/18/2014		(NONE)	11/28/2015	54ALS193A (GEN)		304
5962-8869801EA	E	09/18/2014	2	TI		Y SNJ54ALS193AJ		304
5962-8869801FA	E	09/18/2014	2	TI		Y SNJ54ALS193AW		304
5962-88699013A	A	10/24/2008		(NONE)	09/29/1995	HI516 (GEN)		195
5962-8869901XA	A	10/24/2008		(NONE)	09/29/1995	HI516 (GEN)		195
5962-88700012A	D	02/19/2019		(NONE)	11/28/2015	54ALS563B (GEN)		341
5962-8870001RA	D	02/19/2019	2	TI		Y SNJ54ALS563BJ		341
5962-8870001SA	D	02/19/2019		(NONE)	11/28/2015	54ALS563B (GEN)		341
5962-8870101UC	H	04/02/2015	1	ANAREN		Y MSK147-1B		753
5962-8870101XA	H	04/02/2015		(NONE)		MSK541-1B (GEN)		753
5962-8870101XC	H	04/02/2015	1	ANAREN		Y MSK541-1B		753
5962-8870101YA	H	04/02/2015		(NONE)		MSK146-1B (GEN)		753
5962-8870101YC	H	04/02/2015	1	ANAREN		Y MSK146-1B		753
5962-8870101ZC	H	04/02/2015	1	ANAREN		Y MSK145-1B		753
5962-8870102XA	H	04/02/2015		(NONE)	12/31/2006	541 (GEN)		753
5962-8870103UC	H	04/02/2015	1	ANAREN		Y MSK147B		753
5962-8870103XC	H	04/02/2015	1	ANAREN		Y MSK541B		753
5962-8870103YC	H	04/02/2015	1	ANAREN		Y MSK146B		753
5962-8870103ZC	H	04/02/2015	1	ANAREN		Y MSK145B		753
5962-88702012A	C	01/30/2018	3	ROCHESTER		Y 54AC377/Q2A		159
5962-8870201RA	C	01/30/2018	3	ROCHESTER		Y 54AC377/QRA		159
5962-8870201SA	C	01/30/2018	3	ROCHESTER		Y 54AC377/QSA		159
5962-88703012A	D	05/21/2015	2	E2V		Y 54AC257LMQB		276

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5962-88703012A	D	05/21/2015	2	ROCHESTER		Y 54AC257/Q2A		276
5962-8870301EA	D	05/21/2015	2	E2V		Y 54AC257DMQB		276
5962-8870301EA	D	05/21/2015	2	ROCHESTER		Y 54AC257/QEA		276
5962-8870301FA	D	05/21/2015	2	E2V		Y 54AC257FMQB		276
5962-8870301FA	D	05/21/2015	2	ROCHESTER		Y 54AC257/QFA		276
5962-8870301VFA	D	05/21/2015		(NONE)		54AC257 (GEN)		276
5962-8870301VXA	D	05/21/2015		(NONE)		54AC257 (GEN)		276
5962-8870301XA	D	05/21/2015		(NONE)		54AC257 (GEN)		276
5962-88704012A	C	01/27/2016	3	E2V		Y 54ACT258LMQB		276
5962-88704012A	C	01/27/2016	3	ROCHESTER		Y 54ACT258/Q2A		276
5962-8870401EA	C	01/27/2016	3	E2V		Y 54ACT258DMQB		276
5962-8870401EA	C	01/27/2016	3	ROCHESTER		Y 54ACT258/QEA		276
5962-8870401FA	C	01/27/2016	3	E2V		Y 54ACT258FMQB		276
5962-8870401FA	C	01/27/2016	3	ROCHESTER		Y 54ACT258/QFA		276
5962-88705013A	C	01/27/2016	3	E2V		Y 54ACT821LMQB		159
5962-88705013A	C	01/27/2016	3	ROCHESTER		Y 54ACT821/Q3A		159
5962-8870501KA	C	01/27/2016	3	E2V		Y 54ACT821FMQB		159
5962-8870501KA	C	01/27/2016	3	ROCHESTER		Y 54ACT821/QKA		159
5962-8870501LA	C	01/27/2016	3	E2V		Y 54ACT821SDMQB		159
5962-8870501LA	C	01/27/2016	3	ROCHESTER		Y 54ACT821/QLA		159
5962-88706012A	G	07/27/2018	3	E2V		Y 54AC541LMQB		529
5962-88706012A	G	07/27/2018	3	ROCHESTER		Y 54AC541/Q2A		529
5962-8870601RA	G	07/27/2018	3	E2V		Y 54AC541DMQB		529
5962-8870601RA	G	07/27/2018	3	ROCHESTER		Y 54AC541/QRA		529
5962-8870601SA	G	07/27/2018	3	E2V		Y 54AC541FMQB		529
5962-8870601SA	G	07/27/2018	3	ROCHESTER		Y 54AC541/QSA		529
5962-8870601VSA	G	07/27/2018		(NONE)		54AC541 (GEN)		529
5962-8870601VXA	G	07/27/2018		(NONE)		54AC541 (GEN)		529
5962-8870601XA	G	07/27/2018		(NONE)		54AC541 (GEN)		529
5962F8870601VXA	G	07/27/2018	2	STMICRO		Y RHFAC541K02V		529
5962F8870601VXC	G	07/27/2018	2	STMICRO		Y RHFAC541K01V		529
5962F8870601XA	G	07/27/2018	2	STMICRO		Y RHFAC541K02Q		529
5962F8870601XC	G	07/27/2018	2	STMICRO		Y RHFAC541K01Q		529
5962F8870601VYA	G	07/27/2018	2	STMICRO		Y RHFAC541K04V		529
5962F8870601VYC	G	07/27/2018	2	STMICRO		Y RHFAC541K03V		529
5962-8870601ZA	G	07/27/2018	3	E2V		Y 54AC541WG-QML		529
5962-8870601ZA	G	07/27/2018	3	ROCHESTER		Y 54AC541/QZA		529
5962-88707013A	D	11/04/2009		(NONE)	09/01/1997	54F776 (GEN)		590
5962-8870701XA	D	11/04/2009		(NONE)	09/01/1997	54F776 (GEN)		590
5962-8870701YA	D	11/04/2009		(NONE)	09/01/1997	54F776 (GEN)		590
5962-88708012A	C	01/14/2015	2	TI		Y SNJ54F30FK		106
5962-8870801CA	C	01/14/2015	2	TI		Y SNJ54F30J		106
5962-8870801DA	C	01/14/2015	2	TI		Y SNJ54F30W		106
5962-88709012A	A	01/14/2010		(NONE)		54F36 (GEN)		120
5962-8870901CA	A	01/14/2010		(NONE)		54F36 (GEN)		120
5962-8870901DA	A	01/14/2010		(NONE)		54F36 (GEN)		120
5962-88710012A	A	01/20/2010		(NONE)		54F518 (GEN)		209
5962-8871001RA	A	01/20/2010		(NONE)		54F518 (GEN)		209
5962-8871001SA	A	01/20/2010		(NONE)		54F518 (GEN)		209

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5962-88711012A	A	07/20/2007		(NONE)		54F519 (GEN)		209
5962-8871101RA	A	07/20/2007		(NONE)		54F519 (GEN)		209
5962-8871101SA	A	07/20/2007		(NONE)		54F519 (GEN)		209
5962-88712012A	A	01/21/2010		(NONE)		54F520 (GEN)		209
5962-8871201RA	A	01/21/2010		(NONE)		54F520 (GEN)		209
5962-8871201SA	A	01/21/2010		(NONE)		54F520 (GEN)		209
5962-8871301RA	C	12/12/2018	1	E2V		Y PALC16L8-40DMB		431
5962-8871301SA	C	12/12/2018	1	E2V		Y PALC16L8-40KMB		431
5962-8871301XA	C	12/12/2018	1	E2V		Y PALC16L8-40LMB		431
5962-8871302RA	C	12/12/2018	1	E2V		Y PALC16R8-40DMB		431
5962-8871302SA	C	12/12/2018	1	E2V		Y PALC16R8-40KMB		431
5962-8871302XA	C	12/12/2018	1	E2V		Y PALC16R8-40LMB		431
5962-8871303RA	C	12/12/2018	1	E2V		Y PALC16R6-40DMB		431
5962-8871303SA	C	12/12/2018	1	E2V		Y PALC16R6-40KMB		431
5962-8871303XA	C	12/12/2018	1	E2V		Y PALC16R6-40LMB		431
5962-8871304RA	C	12/12/2018		(NONE)		C16R4-40 (GEN)		431
5962-8871304SA	C	12/12/2018		(NONE)		C16R4-40 (GEN)		431
5962-8871304XA	C	12/12/2018		(NONE)		C16R4-40 (GEN)		431
5962-8871305RA	C	12/12/2018	1	E2V		Y PALC16L8-30DMB		431
5962-8871305SA	C	12/12/2018	1	E2V		Y PALC16L8-30KMB		431
5962-8871305XA	C	12/12/2018	1	E2V		Y PALC16L8-30LMB		431
5962-8871306RA	C	12/12/2018	1	E2V		Y PALC16R8-30DMB		431
5962-8871306SA	C	12/12/2018	1	E2V		Y PALC16R8-30KMB		431
5962-8871306XA	C	12/12/2018	1	E2V		Y PALC16R8-30LMB		431
5962-8871307RA	C	12/12/2018	1	E2V		Y PALC16R6-30DMB		431
5962-8871307SA	C	12/12/2018	1	E2V		Y PALC16R6-30KMB		431
5962-8871307XA	C	12/12/2018	1	E2V		Y PALC16R6-30LMB		431
5962-8871308RA	C	12/12/2018		(NONE)		C16R4-30 (GEN)		431
5962-8871308SA	C	12/12/2018		(NONE)		C16R4-30 (GEN)		431
5962-8871308XA	C	12/12/2018		(NONE)		C16R4-30 (GEN)		431
5962-8871309RA	C	12/12/2018	1	E2V		Y PALC16L8-20DMB		431
5962-8871309SA	C	12/12/2018	1	E2V		Y PALC16L8-20KMB		431
5962-8871309XA	C	12/12/2018	1	E2V		Y PALC16L8-20LMB		431
5962-8871310RA	C	12/12/2018	1	E2V		Y PALC16R8-20DMB		431
5962-8871310SA	C	12/12/2018	1	E2V		Y PALC16R8-20KMB		431
5962-8871310XA	C	12/12/2018	1	E2V		Y PALC16R8-20LMB		431
5962-8871311RA	C	12/12/2018	1	E2V		Y PALC16R6-20DMB		431
5962-8871311SA	C	12/12/2018	1	E2V		Y PALC16R6-20KMB		431
5962-8871311XA	C	12/12/2018	1	E2V		Y PALC16R6-20LMB		431
5962-8871312RA	C	12/12/2018		(NONE)	05/30/1999	C16R4-20 (GEN)		431
5962-8871312SA	C	12/12/2018		(NONE)		C16R4-20 (GEN)		431
5962-8871312XA	C	12/12/2018		(NONE)	05/30/1999	C16R4-20 (GEN)		431
5962-88715012A	C	06/01/2004		(NONE)	03/15/2007	SG55454 (GEN)		583
5962-88715022A	C	06/01/2004		(NONE)	03/15/2007	SG55464 (GEN)		583
5962-8871502PA	C	06/01/2004		(NONE)	03/15/2007	SG55464 (GEN)		583
5962-88715032A	C	06/01/2004		(NONE)	03/15/2007	SG55474 (GEN)		583
5962-8871503PA	C	06/01/2004		(NONE)	03/15/2007	SG55474 (GEN)		583
5962-8871601CA	C	03/20/2015		MICROSEMI (1)		Y SG1626J/883B		550
5962-8871601GA	C	03/20/2015		MICROSEMI (1)		Y SG1626T/883B		550

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5962-8871601PA	C	03/20/2015		MICROSEMI (1)		Y SG1626Y/883B		550
5962-8871601XA	C	03/20/2015		MICROSEMI (1)		Y SG1626R/883B		550
5962-88718012A	C	01/25/2013	1	TI		Y SNJ54HC05FK		144
5962-8871801CA	C	01/25/2013	1	TI		Y SNJ54HC05J		144
5962-8871901MXA	D	12/19/2014	1	ANALOG (2)		Y AD664TDUNI/883B		591
5962-8871902MXA	D	12/19/2014	1	ANALOG (2)		Y AD664TDBIP/883B		591
5962-8871903MYA	D	12/19/2014	1	ANALOG (2)		Y AD664TE/883B		591
5962-88721012A	G	12/16/2015		(NONE)	04/16/2002	OP270A (GEN)		710
5962-8872101V2A	G	12/16/2015	1	ANALOG (4)		Y OP270ARC/QMLV		710
5962R8872101V2A	G	12/16/2015	1	ANALOG (4)		Y OP270ARC/QMLR		710
5962-8872101VDA	G	12/16/2015		(NONE)	04/01/2014	OP270A (GEN)		710
5962R8872101VDA	G	12/16/2015	1	ANALOG (4)		Y OP270AM/QMLR		710
5962-8872101PA	G	12/16/2015	1	ANALOG (2)		Y OP270AZ/883C		710
5962-8872101VPA	G	12/16/2015	1	ANALOG (4)		Y OP270AZ/QMLV		710
5962R8872101VPA	G	12/16/2015	1	ANALOG (4)		Y OP270AZ/QMLR		710
5962-88721022A	G	12/16/2015		(NONE)	04/16/2002	OP-271A (GEN)		710
5962-8872102PA	G	12/16/2015		(NONE)	04/16/2002	OP-271A (GEN)		710
5962L8872103VDA	G	12/16/2015	1	ANALOG (4)		Y OP270AM/QMLL		710
5962-88722013A	A	01/25/2010		(NONE)		54F30244 (GEN)		529
5962-8872201KA	A	01/25/2010		(NONE)		54F30244 (GEN)		529
5962-8872201LA	A	01/25/2010		(NONE)		54F30244 (GEN)		529
5962-88723012A	A	08/01/2007		(NONE)		54F09 (GEN)		111
5962-8872301CA	A	08/01/2007		(NONE)		54F09 (GEN)		111
5962-8872301DA	A	08/01/2007		(NONE)		54F09 (GEN)		111
5962-88724013A	E	10/26/2015	1	E2V		AT22V10L-25LM/883		431
5962-8872401KA	E	10/26/2015		(NONE)	03/30/1994	22V10L-25 (GEN)		431
5962-8872401LA	E	10/26/2015	1	E2V		AT22V10L-25DM/883		431
5962-88724023A	E	10/26/2015	1	E2V		AT22V10L-30LM/883		431
5962-8872402KA	E	10/26/2015		(NONE)	03/30/1994	22V10L-30 (GEN)		431
5962-8872402LA	E	10/26/2015	1	E2V		AT22V10L-30DM/883		431
5962-88724033A	E	10/26/2015	1	E2V		AT22V10L-40LM/883		431
5962-8872403KA	E	10/26/2015		(NONE)	03/30/1994	22V10L-40 (GEN)		431
5962-8872403LA	E	10/26/2015	1	E2V		AT22V10L-40DM/883		431
5962-88724043A	E	10/26/2015	1	E2V		AT22V10L-20LM/883		431
5962-8872404KA	E	10/26/2015		(NONE)	03/30/1994	22V10L (GEN)		431
5962-8872404LA	E	10/26/2015	1	E2V		AT22V10L-20DM/883		431
5962-8872501LA	D	09/10/2015	2	E2V		Y CY7C197-35DMB		623
5962-8872501LA	D	09/10/2015	1	PYRAMID		Y P4C1257-35CMB		623
5962-8872501XA	D	09/10/2015	2	E2V		Y CY7C197-35LMB		623
5962-8872501XA	D	09/10/2015	1	PYRAMID		Y P4C1257-35LMB		623
5962-8872501YA	D	09/10/2015	2	E2V		Y CY7C197-35FMB		623
5962-8872501YA	D	09/10/2015	1	PYRAMID		Y P4C1257-35FMB		623
5962-8872502LA	D	09/10/2015	2	E2V		Y CY7C197-45DMB		623
5962-8872502LA	D	09/10/2015	1	PYRAMID		Y P4C1257-45CMB		623
5962-8872502XA	D	09/10/2015	2	E2V		Y CY7C197-45LMB		623
5962-8872502XA	D	09/10/2015	1	PYRAMID		Y P4C1257-45LMB		623
5962-8872502YA	D	09/10/2015	2	E2V		Y CY7C197-45FMB		623
5962-8872502YA	D	09/10/2015	1	PYRAMID		Y P4C1257-45FMB		623
5962-8872503LA	D	09/10/2015	2	E2V		Y CY7C197-55DMB		623

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5962-8872503LA	D	09/10/2015	1	PYRAMID		Y P4C1257-55CMB		623
5962-8872503XA	D	09/10/2015	2	E2V		Y CY7C197-55LMB		623
5962-8872503XA	D	09/10/2015	1	PYRAMID		Y P4C1257-55LMB		623
5962-8872503YA	D	09/10/2015	2	E2V		Y CY7C197-55FMB		623
5962-8872503YA	D	09/10/2015	1	PYRAMID		Y P4C1257-55FMB		623
5962-8872504LA	D	09/10/2015	2	E2V		Y CY7C197-70DMB		623
5962-8872504LA	D	09/10/2015	1	PYRAMID		Y P4C1257-70CMB		623
5962-8872504XA	D	09/10/2015	2	E2V		Y CY7C197-70LMB		623
5962-8872504XA	D	09/10/2015	1	PYRAMID		Y P4C1257-70LMB		623
5962-8872504YA	D	09/10/2015	2	E2V		Y CY7C197-70FMB		623
5962-8872504YA	D	09/10/2015	1	PYRAMID		Y P4C1257-70FMB		623
5962-8872505LA	D	09/10/2015	2	E2V		Y CY7C197-25DMB		623
5962-8872505LA	D	09/10/2015	1	PYRAMID		Y P4C1257-25CMB		623
5962-8872505XA	D	09/10/2015	2	E2V		Y CY7C197-25LMB		623
5962-8872505XA	D	09/10/2015	1	PYRAMID		Y P4C1257-25LMB		623
5962-8872505YA	D	09/10/2015	2	E2V		Y CY7C197-25FMB		623
5962-8872505YA	D	09/10/2015	1	PYRAMID		Y P4C1257-25FMB		623
5962-88726013A	G	10/11/2017	3A	E2V		Y QPV750-40LM/883		431
5962-8872601LA	G	10/11/2017	3A	E2V		Y QPV750-40DM/883		431
5962-8872601XA	G	10/11/2017		(NONE)		V750 (GEN)		431
5962-88726023A	G	10/11/2017	3A	E2V		Y QPV750-35LM/883		431
5962-8872602LA	G	10/11/2017	3A	E2V		Y QPV750-35DM/883		431
5962-8872602XA	G	10/11/2017		(NONE)		V750 (GEN)		431
5962-88726033A	G	10/11/2017	3A	E2V		Y QPV750-25LM/883		431
5962-8872603LA	G	10/11/2017	3A	E2V		Y QPV750-25DM/883		431
5962-8872603XA	G	10/11/2017		(NONE)		V750 (GEN)		431
5962-8872603YA	G	10/11/2017		(NONE)		V750 (GEN)		431
5962-88726043A	G	10/11/2017	3A	E2V		Y QPV750-20LM/883		431
5962-8872604LA	G	10/11/2017	3A	E2V		Y QPV750-20DM/883		431
5962-8872604XA	G	10/11/2017		(NONE)		V750 (GEN)		431
5962-8872604YA	G	10/11/2017		(NONE)		V750 (GEN)		431
5962-88726063A	G	10/11/2017	3	E2V		Y QPV750L-35LM/883		431
5962-8872606LA	G	10/11/2017	3	E2V		Y QPV750L-35DM/883		431
5962-8872606XA	G	10/11/2017		(NONE)		V750L (GEN)		431
5962-88726073A	G	10/11/2017	3	E2V		Y QPV750L-25LM/883		431
5962-8872607LA	G	10/11/2017	3	E2V		Y QPV750L-25DM/883		431
5962-8872607XA	G	10/11/2017		(NONE)		V750L (GEN)		431
5962-8872607YA	G	10/11/2017		(NONE)		V750L (GEN)		431
5962-88726083A	G	10/11/2017	3A	E2V		Y QPV750B-10LM/883		431
5962-8872608LA	G	10/11/2017	3A	E2V		Y QPV750B-10DM/883		431
5962-8872608YA	G	10/11/2017		(NONE)		V750B (GEN)		431
5962-88726093A	G	10/11/2017	3A	E2V		Y QPV750B-15LM/883		431
5962-8872609LA	G	10/11/2017	3A	E2V		Y QPV750B-15DM/883		431
5962-8872609YA	G	10/11/2017		(NONE)		V750B (GEN)		431
5962-88726103A	G	10/11/2017	3A	E2V		Y QPV750B-25LM/883		431
5962-8872610LA	G	10/11/2017	3A	E2V		Y QPV750B-25DM/883		431
5962-8872610YA	G	10/11/2017		(NONE)		V750B (GEN)		431
5962-88726113A	G	10/11/2017	3	E2V		Y QPV750BL-15LM/883		431
5962-8872611LA	G	10/11/2017	3	E2V		Y QPV750BL-15DM/883		431



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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8872611YA	G	10/11/2017		(NONE)			V750BL-15 (GEN)	431
5962-88726123A	G	10/11/2017	3	E2V		Y	QPV750BL-25LM/883	431
5962-8872612LA	G	10/11/2017	3	E2V		Y	QPV750BL-25DM/883	431
5962-8872612YA	G	10/11/2017		(NONE)			V750BL (GEN)	431
5962-88727012A	D	12/15/2017	3	TI		Y	SNJ54ALS640BFK	590
5962-8872701RA	D	12/15/2017	3	TI		Y	SNJ54ALS640BJ	590
5962-8872701SA	D	12/15/2017		(NONE)	11/28/2015		54ALS640B (GEN)	590
5962-88728012A	D	12/19/2017		(NONE)	11/28/2015		54ALS564B (GEN)	159
5962-8872801RA	D	12/19/2017	2	TI		Y	SNJ54ALS564BJ	159
5962-8872801SA	D	12/19/2017		(NONE)	11/28/2015		54ALS564B (GEN)	159
5962-88729012A	C	01/09/2018	2	TI			SNJ54AS1004AFK	514
5962-8872901CA	C	01/09/2018	2	TI			SNJ54AS1004AJ	514
5962-8872901DA	C	01/09/2018	2	TI			SNJ54AS1004AW	514
5962-88730012A	C	01/09/2018	2	TI			SNJ54AS1032AFK	125
5962-8873001CA	C	01/09/2018		(NONE)	12/31/2001		54AS1032A (GEN)	125
5962-8873001DA	C	01/09/2018	2	TI			SNJ54AS1032AW	125
5962-88731012A	C	01/16/2018		(NONE)	11/28/2015		SNJ54AS1034A (GEN)	513
5962-8873101CA	C	01/16/2018	2	TI			SNJ54AS1034AJ	513
5962-8873101DA	C	01/16/2018		(NONE)	11/28/2015		SNJ54AS1034A (GEN)	513
5962-8873301TA	D	01/15/1997		(NONE)	08/21/1995		7210L-55 (GEN)	208
5962-8873301UA	D	01/15/1997		(NONE)			1010-55 (GEN)	208
5962-8873301XA	D	01/15/1997		(NONE)			1010-55 (GEN)	208
5962-8873301YA	D	01/15/1997		(NONE)	04/01/2000		1010-55 (GEN)	208
5962-8873301ZA	D	01/15/1997		(NONE)			1010-55 (GEN)	208
5962-8873302TA	D	01/15/1997		(NONE)	08/21/1995		7210L-65 (GEN)	208
5962-8873302UA	D	01/15/1997		(NONE)			1010-65 (GEN)	208
5962-8873302XA	D	01/15/1997		(NONE)	04/01/2000		1010-65 (GEN)	208
5962-8873302YA	D	01/15/1997		(NONE)	04/01/2000		1010-65 (GEN)	208
5962-8873302ZA	D	01/15/1997		(NONE)			1010-65 (GEN)	208
5962-8873303TA	D	01/15/1997		(NONE)	08/21/1995		7210L75 (GEN)	208
5962-8873303UA	D	01/15/1997		(NONE)			1010-75 (GEN)	208
5962-8873303XC	D	01/15/1997		(NONE)			1010-75 (GEN)	208
5962-8873303YA	D	01/15/1997		(NONE)	04/01/2000		1010-75 (GEN)	208
5962-8873303ZA	D	01/15/1997		(NONE)			1010-75 (GEN)	208
5962-8873304TA	D	01/15/1997		(NONE)	08/21/1995		7210L30 (GEN)	208
5962-8873304XA	D	01/15/1997		(NONE)	08/05/1996		7210L30 (GEN)	208
5962-8873304ZA	D	01/15/1997		(NONE)	08/05/1996		7210L30 (GEN)	208
5962-8873305TA	D	01/15/1997		(NONE)	08/21/1995		7210L40 (GEN)	208
5962-8873305XA	D	01/15/1997		(NONE)	08/05/1996		7210L40 (GEN)	208
5962-8873305ZA	D	01/15/1997		(NONE)	08/05/1996		7210L40 (GEN)	208
5962-88734013A	D	02/04/2015	1	E2V		Y	QP7C291A-55LMB	658
5962-88734013A	D	02/04/2015	1	E2V		Y	CY7C291A-55LMB	658
5962-88734013A	D	02/04/2015	1	E2V			WS57C291C-55ZMB	658
5962-88734013C	D	02/04/2015	1	E2V			WS57C291C-55ZMB	658
5962-8873401JA	D	02/04/2015	1	E2V		Y	QP7C292A-55DMB	658
5962-8873401JA	D	02/04/2015	1	E2V		Y	CY7C292A-55DMB	658
5962-8873401JA	D	02/04/2015	1	E2V			WS57C191C-55YMB	658
5962-8873401KA	D	02/04/2015	1	E2V		Y	QP7C291A-55KMB	658
5962-8873401KA	D	02/04/2015	1	E2V		Y	CY7C291A-55KMB	658

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## PART I, Listed By SMD PIN

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5962-8873401KA	D	02/04/2015	1	E2V			WS57C191C-55HMB	658
5962-8873401LA	D	02/04/2015	2	E2V		Y	CY7C291A-55DMB	658
5962-8873401LA	D	02/04/2015	1	E2V		Y	QP7C291A-55DMB	658
5962-8873401LA	D	02/04/2015	1	E2V			WS57C291C-55KMB	658
5962-88734023A	D	02/04/2015	1	E2V			WS57C291C-45ZMB	658
5962-88734023A	D	02/04/2015	1	E2V		Y	QP7C291A-45LMB	658
5962-88734023A	D	02/04/2015	1	E2V		Y	CY7C291A-45LMB	658
5962-88734023C	D	02/04/2015	1	E2V			WS57C291C-45ZMB	658
5962-8873402JA	D	02/04/2015	1	E2V		Y	QP7C292A-45DMB	658
5962-8873402JA	D	02/04/2015	1	E2V		Y	CY7C292A-45DMB	658
5962-8873402JA	D	02/04/2015	1	E2V			WS57C191C-45YMB	658
5962-8873402KA	D	02/04/2015	1	E2V		Y	QP7C291A-45KMB	658
5962-8873402KA	D	02/04/2015	1	E2V		Y	CY7C291A-45KMB	658
5962-8873402KA	D	02/04/2015	1	E2V			WS57C191C-45HMB	658
5962-8873402LA	D	02/04/2015	2	E2V		Y	CY7C291A-45DMB	658
5962-8873402LA	D	02/04/2015	1	E2V		Y	QP7C291A-45DMB	658
5962-8873402LA	D	02/04/2015	1	E2V			WS57C291C-45KMB	658
5962-88734033A	D	02/04/2015	1	E2V			WS57C291C-35ZMB	658
5962-88734033A	D	02/04/2015	1	E2V		Y	QP7C291A-35LMB	658
5962-88734033A	D	02/04/2015	1	E2V		Y	CY7C291A-35LMB	658
5962-88734033C	D	02/04/2015	1	E2V			WS57C291C-35ZMB	658
5962-8873403JA	D	02/04/2015	1	E2V		Y	QP7C292A-35DMB	658
5962-8873403JA	D	02/04/2015	1	E2V		Y	CY7C292A-35DMB	658
5962-8873403JA	D	02/04/2015	1	E2V			WS57C191C-35YMB	658
5962-8873403KA	D	02/04/2015	1	E2V		Y	QP7C291A-35KMB	658
5962-8873403KA	D	02/04/2015	1	E2V		Y	CY7C291A-35KMB	658
5962-8873403KA	D	02/04/2015	1	E2V			WS57C191C-35HMB	658
5962-8873403LA	D	02/04/2015	2	E2V		Y	CY7C291A-35DMB	658
5962-8873403LA	D	02/04/2015	1	E2V		Y	QP7C291A-35DMB	658
5962-8873403LA	D	02/04/2015	1	E2V			WS57C291C-35KMB	658
5962-88734043A	D	02/04/2015	1	E2V			WS57C291C-25ZMB	658
5962-88734043A	D	02/04/2015	1	E2V		Y	QP7C291A-25LMB	658
5962-88734043A	D	02/04/2015	1	E2V		Y	CY7C291A-25LMB	658
5962-88734043C	D	02/04/2015	1	E2V			WS57C291C-25ZMB	658
5962-8873404JA	D	02/04/2015	1	E2V		Y	QP7C292A-25DMB	658
5962-8873404JA	D	02/04/2015	1	E2V		Y	CY7C292A-25DMB	658
5962-8873404JA	D	02/04/2015	1	E2V			WS57C191C-25YMB	658
5962-8873404KA	D	02/04/2015	1	E2V		Y	QP7C291A-25KMB	658
5962-8873404KA	D	02/04/2015	1	E2V		Y	CY7C291A-25KMB	658
5962-8873404KA	D	02/04/2015	1	E2V			WS57C191C-25HMB	658
5962-8873404LA	D	02/04/2015	1	E2V			WS57C291C-25KMB	658
5962-8873404LA	D	02/04/2015	1	E2V		Y	QP7C291A-25DMB	658
5962-8873404LA	D	02/04/2015	1	E2V		Y	CY7C291A-25DMB	658
5962-88735013A	F	01/21/2015	1	E2V			WS57C45-45ZMB	658
5962-88735013A	F	01/21/2015	1	E2V		Y	QP7C245A-45LMB	658
5962-88735013A	F	01/21/2015	2	E2V		Y	CY7C245-45LMB	658
5962-88735013C	F	01/21/2015	1	E2V			WS57C45-45ZMB	658
5962-8873501KA	F	01/21/2015	1	E2V		Y	QP7C245A-45KMB	658
5962-8873501KA	F	01/21/2015	2	E2V		Y	CY7C245-45KMB	658

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5962-8873501KA	F	01/21/2015	1	E2V			WS57C45-45HMB	658
5962-8873501LA	F	01/21/2015	1	E2V		Y	QP7C245A-45DMB	658
5962-8873501LA	F	01/21/2015	2	E2V		Y	CY7C245-45DMB	658
5962-8873501LA	F	01/21/2015	1	E2V			WS57C45-45KMB	658
5962-88735023A	F	01/21/2015	1	E2V			WS57C45-35ZMB	658
5962-88735023A	F	01/21/2015	1	E2V		Y	QP7C245A-35LMB	658
5962-88735023A	F	01/21/2015	2	E2V		Y	CY7C245-35LMB	658
5962-88735023C	F	01/21/2015	1	E2V			WS57C45-35ZMB	658
5962-8873502KA	F	01/21/2015	1	E2V		Y	QP7C245A-35KMB	658
5962-8873502KA	F	01/21/2015	2	E2V		Y	CY7C245-35KMB	658
5962-8873502KA	F	01/21/2015	1	E2V			WS57C45-35HMB	658
5962-8873502LA	F	01/21/2015	1	E2V		Y	QP7C245A-35DMB	658
5962-8873502LA	F	01/21/2015	2	E2V		Y	CY7C245-35DMB	658
5962-8873502LA	F	01/21/2015	1	E2V			WS57C45-35KMB	658
5962-88735033A	F	01/21/2015	1	E2V			WS57C45-35ZMB	658
5962-88735033A	F	01/21/2015	2	E2V		Y	CY7C245A-35LMB	658
5962-88735033A	F	01/21/2015	1	E2V		Y	QP7C245A-35LMB	658
5962-88735033C	F	01/21/2015	1	E2V			WS57C45-35ZMB	658
5962-8873503KA	F	01/21/2015	1	E2V		Y	QP7C245A-35KMB	658
5962-8873503KA	F	01/21/2015	2	E2V		Y	CY7C245A-35KMB	658
5962-8873503KA	F	01/21/2015	1	E2V			WS57C45-35HMB	658
5962-8873503LA	F	01/21/2015	1	E2V		Y	QP7C245A-35DMB	658
5962-8873503LA	F	01/21/2015	2	E2V		Y	CY7C245A-35DMB	658
5962-8873503LA	F	01/21/2015	1	E2V			WS57C45-35KMB	658
5962-88735043A	F	01/21/2015	1	E2V		Y	QP7C245A-25LMB	658
5962-88735043A	F	01/21/2015	2	E2V		Y	CY7C245A-25LMB	658
5962-88735043A	F	01/21/2015	1	E2V			WS57C45-25ZMB	658
5962-88735043C	F	01/21/2015	1	E2V			WS57C45-25ZMB	658
5962-8873504KA	F	01/21/2015	1	E2V		Y	QP7C245A-25KMB	658
5962-8873504KA	F	01/21/2015	2	E2V		Y	CY7C245A-25KMB	658
5962-8873504KA	F	01/21/2015	1	E2V			WS57C45-25HMB	658
5962-8873504LA	F	01/21/2015	1	E2V			WS57C45-25KMB	658
5962-8873504LA	F	01/21/2015	2	E2V		Y	CY7C245A-25DMB	658
5962-8873504LA	F	01/21/2015	1	E2V		Y	QP7C245A-25DMB	658
5962-88736013A	A	03/12/1992		(NONE)	04/27/1998		29FCT520A (GEN)	249
5962-8873601KA	A	03/12/1992		(NONE)	04/27/1998		29FCT520A (GEN)	249
5962-8873601LA	A	03/12/1992		(NONE)	04/27/1998		29FCT520A (GEN)	249
5962-88736023A	A	03/12/1992		(NONE)			29FCT521A (GEN)	249
5962-8873602KA	A	03/12/1992		(NONE)			29FCT521A (GEN)	249
5962-8873602LA	A	03/12/1992		(NONE)			29FCT521A (GEN)	249
5962-88736033A	A	03/12/1992		(NONE)	04/27/1998		29FCT520B (GEN)	249
5962-8873603KA	A	03/12/1992		(NONE)	04/27/1998		29FCT520B (GEN)	249
5962-8873603LA	A	03/12/1992		(NONE)	04/28/1998		29FCT520B (GEN)	249
5962-88736043A	A	03/12/1992		(NONE)			29FCT521B (GEN)	249
5962-8873604KA	A	03/12/1992		(NONE)			29FCT521B (GEN)	249
5962-8873604LA	A	03/12/1992		(NONE)			29FCT521B (GEN)	249
5962-88737012A	D	01/29/2018	2	TI		Y	SNJ54ALS1245AFK	590
5962-8873701RA	D	01/29/2018	2	TI		Y	SNJ54ALS1245AJ	590
5962-88738012A	D	01/12/2015		(NONE)	11/28/2015		54ALS1244A (GEN)	529

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5962-8873801RA	D	01/12/2015	2	TI		Y	SNJ54ALS1244AJ	529
5962-8873901QA	G	08/15/2005		(NONE)			TMC208K (GEN)	208
5962-8873901XA	G	08/15/2005		(NONE)			TMC208K (GEN)	208
5962-8873902QA	G	08/15/2005		(NONE)			TMC208K (GEN)	208
5962-8873902XA	G	08/15/2005		(NONE)			TMC208K (GEN)	208
5962-8873903QA	G	08/15/2005	0	SRI		Y	GEM41103QQA	208
5962-8873903QC	G	08/15/2005	0	SRI		Y	GEM41103QQC	208
5962-8873903XA	G	08/15/2005	0	SRI		Y	GEM41103QXA	208
5962-8873903XC	G	08/15/2005	0	SRI		Y	GEM41103QXC	208
5962-8873904QA	G	08/15/2005		(NONE)			TMC208 (GEN)	208
5962-8873904XA	G	08/15/2005		(NONE)			TMC208 (GEN)	208
5962-8873905QA	G	08/15/2005		(NONE)			TMC208K (GEN)	208
5962-8873905XA	G	08/15/2005		(NONE)			TMC208K (GEN)	208
5962-8873906QA	G	08/15/2005		(NONE)			TMC208K (GEN)	208
5962-8873906XA	G	08/15/2005		(NONE)			TMC208K (GEN)	208
5962-8873907QA	G	08/15/2005		(NONE)			TMC208 (GEN)	208
5962-8873907XA	G	08/15/2005		(NONE)			TMC208 (GEN)	208
5962-8873908QA	G	08/15/2005		(NONE)			TMC208 (GEN)	208
5962-8873908XA	G	08/15/2005		(NONE)			TMC208 (GEN)	208
5962-88740013A	E	08/12/2015	1	PYRAMID		Y	P4C116L-35L28MB	616
5962-8874001JA	E	08/12/2015		(NONE)			6116LA35 (GEN)	616
5962-8874001KA	E	08/12/2015	1	PYRAMID		Y	P4C116L-35FMB	616
5962-8874001LA	E	08/12/2015	1	IDT		Y	6116LA35TDB	616
5962-8874001LA	E	08/12/2015	1	PYRAMID		Y	P4C116L-35DMB	616
5962-8874001XA	E	08/12/2015		(NONE)	05/06/1997		6116LA35 (GEN)	616
5962-8874001YA	E	08/12/2015	1	PYRAMID		Y	P4C116L-35LMB	616
5962-88740023A	E	08/12/2015	1	PYRAMID		Y	P4C116L-25L28MB	616
5962-8874002JA	E	08/12/2015		(NONE)			6116LA25 (GEN)	616
5962-8874002KA	E	08/12/2015	1	PYRAMID		Y	P4C116L-25FMB	616
5962-8874002LA	E	08/12/2015	1	IDT		Y	6116LA25TDB	616
5962-8874002LA	E	08/12/2015	1	PYRAMID		Y	P4C116L-25DMB	616
5962-8874002XA	E	08/12/2015		(NONE)	05/06/1997		6116LA25 (GEN)	616
5962-8874002YA	E	08/12/2015	1	PYRAMID		Y	P4C116L-25LMB	616
5962-88741012A	D	02/22/2018	2	TI		Y	SNJ54ALS259FK	341
5962-8874101EA	D	02/22/2018	2	TI		Y	SNJ54ALS259J	341
5962-8874101FA	D	02/22/2018	2	TI		Y	SNJ54ALS259W	341
5962-88742012A	C	03/22/2017	2	TI		Y	SNJ54ALS1035FK	513
5962-8874201CA	C	03/22/2017	2	TI		Y	SNJ54ALS1035J	513
5962-8874201DA	C	03/22/2017		(NONE)	11/28/2015		54ALS1035 (GEN)	513
5962-88743013A	C	11/26/2008		(NONE)			75C48S20 (GEN)	592
5962-8874301XA	C	11/26/2008		(NONE)			75C48S20 (GEN)	592
5962-88743023A	C	11/26/2008		(NONE)			75C48SC30 (GEN)	592
5962-8874302XA	C	11/26/2008		(NONE)			75C48SC30 (GEN)	592
5962-88744012A	E	03/01/2016	3	TI		Y	SNJ55113FK	564
5962-8874401EA	E	03/01/2016	3	TI		Y	SNJ55113J	564
5962-8874401FA	E	03/01/2016	3	TI		Y	SNJ55113W	564
5962-88744022A	E	03/01/2016	2	TI		Y	SNJ55114FK	564
5962-8874402EA	E	03/01/2016	2	TI		Y	SNJ55114J	564
5962-8874402FA	E	03/01/2016	2	TI		Y	SNJ55114W	564

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5962-88745012A	C	03/04/2016	1	TI		Y	SNJ55115FK	573
5962-8874501FA	C	03/04/2016	1	TI		Y	SNJ55115W	573
5962-88746012A	J	05/26/2015	3	MICROSEMI (1)		Y	SG7905AL/883B	783
5962-88746014A	J	05/26/2015		(NONE)	08/01/2005		7905A (GEN)	783
5962-88746015A	J	05/26/2015		(NONE)	08/01/2005		7905A (GEN)	783
5962-8874601MA	J	05/26/2015		(NONE)	08/01/2005		7905A (GEN)	783
5962-8874601NA	J	05/26/2015		(NONE)	08/01/2005		7905A (GEN)	783
5962-8874601TA	J	05/26/2015	3	MICROSEMI (1)		Y	SG7905AG/883B	783
5962-8874601UA	J	05/26/2015	3	MICROSEMI (1)		Y	SG7905AIG/883B	783
5962F8874601UA	J	05/26/2015		(NONE)			7905A (GEN)	783
5962-8874601XA	J	05/26/2015	3	MICROSEMI (1)		Y	SG7905AT/883B	783
5962-8874601YA	J	05/26/2015	3	MICROSEMI (1)		Y	SG7905AK/883B	783
5962-8874601ZA	J	05/26/2015	3	MICROSEMI (1)		Y	SG7905AR/883B	783
5962-88747012A	H	02/11/2015	3	MICROSEMI (1)		Y	SG7912AL/883B	783
5962-88747014A	H	02/11/2015		(NONE)			1912 (GEN)	783
5962-88747015A	H	02/11/2015		(NONE)			1912 (GEN)	783
5962-8874701MA	H	02/11/2015		(NONE)			1912 (GEN)	783
5962-8874701NA	H	02/11/2015		(NONE)			1912 (GEN)	783
5962-8874701TA	H	02/11/2015	3	MICROSEMI (1)		Y	SG7912AG/883B	783
5962-8874701TA	H	02/11/2015	1	SEMELAB		Y	IP7912AG-DESC	783
5962-8874701UA	H	02/11/2015		MICROSEMI (1)		Y	SG7912AIG/883B	783
5962-8874701UA	H	02/11/2015	1	SEMELAB		Y	IP7912AIG-DESC	783
5962F8874701UA	H	02/11/2015		(NONE)			7912A (GEN)	783
5962-8874701XA	H	02/11/2015		MICROSEMI (1)		Y	SG7912AT/883B	783
5962-8874701YA	H	02/11/2015		MICROSEMI (1)		Y	SG7912AK/883B	783
5962-8874701ZA	H	02/11/2015		MICROSEMI (1)		Y	SG7912AR/883B	783
5962-88748012A	G	02/19/2015	3	MICROSEMI (1)		Y	SG7915AL/883B	783
5962-88748014A	G	02/19/2015		(NONE)	08/01/2005		7915A (GEN)	783
5962-88748015A	G	02/19/2015		(NONE)	08/01/2005		7915A (GEN)	783
5962-8874801MA	G	02/19/2015		(NONE)	08/01/2005		7915A (GEN)	783
5962-8874801NA	G	02/19/2015		(NONE)	08/01/2005		7915A (GEN)	783
5962-8874801TA	G	02/19/2015	3	MICROSEMI (1)		Y	SG7915AG/883B	783
5962-8874801UA	G	02/19/2015		MICROSEMI (1)		Y	SG7915AIG/883B	783
5962-8874801UA	G	02/19/2015	1	SEMELAB		Y	IP7915AIG-DESC	783
5962F8874801UA	G	02/19/2015		(NONE)			7915A (GEN)	783
5962-8874801XA	G	02/19/2015		MICROSEMI (1)		Y	SG7915AT/883B	783
5962-8874801YA	G	02/19/2015		MICROSEMI (1)		Y	SG7915AK/883B	783
5962-8874801ZA	G	02/19/2015		MICROSEMI (1)		Y	SG7915AR/883B	783
5962-8874801ZA	G	02/19/2015	1	SEMELAB		Y	IP7915AR-DESC	783
5962-8874901XA	A	02/15/2011		(NONE)			IP7924 (GEN)	783
5962-8874901YA	A	02/15/2011		(NONE)			IP7924 (GEN)	783
5962-8874901ZA	A	02/15/2011		(NONE)			IP7924 (GEN)	783
5962-8875001EA	A	08/09/2002		(NONE)			IH5352 (GEN)	183
5962-8875101VA	D	10/22/2014		(NONE)			LT1039 (GEN)	590
5962-8875102EA	D	10/22/2014		(NONE)	03/30/2001		LT1039 (GEN)	590
5962-8875103VA	D	10/22/2014	1	MICROSS		Y	MYXLT1039C18/883	590
5962-88752012A	E	11/17/2015	3	E2V		Y	54F14LMQB	143
5962-88752012A	E	11/17/2015	3	ROCHESTER		Y	54F14/B2A	143
5962-8875201CA	E	11/17/2015	3	E2V		Y	54F14DMQB	143



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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8875201CA	E	11/17/2015	3	ROCHESTER		Y 54F14/BCA		143
5962-8875201DA	E	11/17/2015	3	E2V		Y 54F14FMQB		143
5962-8875201DA	E	11/17/2015	3	ROCHESTER		Y 54F14/BDA		143
5962-88753013A	D	02/27/2017	1	ROCHESTER		Y 54AS651/B3A		590
5962-8875301KA	D	02/27/2017	1	ROCHESTER		Y 54AS651/BKA		590
5962-8875301LA	D	02/27/2017	1	ROCHESTER		Y 54AS651/BLA		590
5962-88754012A	B	09/19/2000		(NONE)		54AC299 (GEN)		228
5962-8875401RA	B	09/19/2000		(NONE)		54AC299 (GEN)		228
5962-8875401SA	B	09/19/2000		(NONE)		54AC299 (GEN)		228
5962-8875401VSA	B	09/19/2000		(NONE)		54AC299 (GEN)		228
5962-8875401VXA	B	09/19/2000		(NONE)		54AC299 (GEN)		228
5962-8875401XA	B	09/19/2000		(NONE)		54AC299 (GEN)		228
5962-88755012A	C	04/26/2016	3	E2V		Y 54ACT158LMQB		275
5962-88755012A	C	04/26/2016	3	ROCHESTER		Y 54ACT158/Q2A		275
5962-8875501EA	C	04/26/2016	3	E2V		Y 54ACT158DMQB		275
5962-8875501EA	C	04/26/2016	3	ROCHESTER		Y 54ACT158/QEA		275
5962-8875501FA	C	04/26/2016	3	E2V		Y 54ACT158FMQB		275
5962-8875501FA	C	04/26/2016	3	ROCHESTER		Y 54ACT158/QFA		275
5962-8875502VXA	C	04/26/2016		(NONE)		54ACT158 (GEN)		275
5962-8875502XA	C	04/26/2016		(NONE)		54ACT158 (GEN)		275
5962-88756012A	F	04/18/2017		(NONE)	5962-8875601M2A	54ACT151 (GEN)		271
5962-8875601B2A	F	04/18/2017	3A	E2V		Y 54ACT151LMQB		271
5962-8875601B2A	F	04/18/2017	3A	E2V		Y QP54ACT151LMQB		271
5962-8875601B2A	F	04/18/2017	3A	ROCHESTER		Y 54ACT151/B2A		271
5962-8875601M2A	F	04/18/2017	3A	E2V		Y 54ACT151LMQB		271
5962-8875601M2A	F	04/18/2017	3A	E2V		Y QP54ACT151LMQB		271
5962-8875601M2A	F	04/18/2017	3A	ROCHESTER		Y 54ACT151/Q2A		271
5962-8875601S2A	F	04/18/2017		(NONE)		54ACT151 (GEN)		271
5962R8875601B2A	F	04/18/2017		(NONE)		54ACT151 (GEN)		271
5962R8875601S2A	F	04/18/2017	3	ROCHESTER		Y 54ACT151/S2A-R		271
5962-8875601BEA	F	04/18/2017	3A	E2V		Y 54ACT151DMQB		271
5962-8875601BEA	F	04/18/2017	3A	E2V		Y QP54ACT151DMQB		271
5962-8875601BEA	F	04/18/2017	3A	ROCHESTER		Y 54ACT151/BEA		271
5962-8875601EA	F	04/18/2017		(NONE)	5962-8875601MEA	54ACT151 (GEN)		271
5962-8875601MEA	F	04/18/2017	3A	E2V		Y 54ACT151DMQB		271
5962-8875601MEA	F	04/18/2017	3A	E2V		Y QP54ACT151DMQB		271
5962-8875601MEA	F	04/18/2017	3A	ROCHESTER		Y 54ACT151/QEA		271
5962-8875601SEA	F	04/18/2017		(NONE)		54ACT151 (GEN)		271
5962R8875601BEA	F	04/18/2017		(NONE)		54ACT151 (GEN)		271
5962R8875601SEA	F	04/18/2017	3	ROCHESTER		Y 54ACT151/SEA-R		271
5962-8875601BFA	F	04/18/2017	3A	E2V		Y 54ACT151FMQB		271
5962-8875601BFA	F	04/18/2017	3A	E2V		Y QP54ACT151FMQB		271
5962-8875601BFA	F	04/18/2017	3A	ROCHESTER		Y 54ACT151/BFA		271
5962-8875601FA	F	04/18/2017		(NONE)	5962-8875601MFA	54ACT151 (GEN)		271
5962-8875601MFA	F	04/18/2017	3A	E2V		Y 54ACT151FMQB		271
5962-8875601MFA	F	04/18/2017	3A	E2V		Y QP54ACT151FMQB		271
5962-8875601MFA	F	04/18/2017	3A	ROCHESTER		Y 54ACT151/QFA		271
5962-8875601SFA	F	04/18/2017		(NONE)		54ACT151 (GEN)		271
5962R8875601BFA	F	04/18/2017		(NONE)		54ACT151 (GEN)		271



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5962R8875601SFA	F	04/18/2017	3	ROCHESTER		Y 54ACT151/SFA-R		271
5962-8875602QXA	F	04/18/2017		(NONE)		54ACT151 (GEN)		271
5962-8875602VXA	F	04/18/2017		(NONE)		54ACT151 (GEN)		271
5962F8875602QXA	F	04/18/2017	2	STMICRO		Y RHFACT151K02Q		271
5962F8875602QXC	F	04/18/2017	2	STMICRO		Y RHFACT151K01Q		271
5962F8875602VXA	F	04/18/2017	2	STMICRO		Y RHFACT151K02V		271
5962F8875602VXC	F	04/18/2017	2	STMICRO		Y RHFACT151K01V		271
5962-8875701EA	C	01/25/2013	1	TI		Y CD54HCT4046AF3A		803
5962-88758012A		04/11/1991		(NONE)		54HC4016 (GEN)		183
5962-8875801CA		04/11/1991		(NONE)		54HC4016 (GEN)		183
5962-8875901EA	C	04/27/2015	1	TI		Y CD54HCT173F3A		159
5962-88760012A	G	08/04/2015	1	MICROSS		Y MTLT1013AQLS		710
5962-88760012A	G	08/04/2015	1	TI		Y LT1013AMFKB		710
5962-8876001GA	G	08/04/2015	1	MICROSS		Y MTLT1013AQH		710
5962-8876001PA	G	08/04/2015	1	MICROSS		Y MTLT1013AQD8		710
5962-8876001PA	G	08/04/2015	1	TI		Y LT1013AMJGB		710
5962-8876001XA	G	08/04/2015	1	MICROSS		Y MTLT1013AQH		710
5962-88760022A	G	08/04/2015	1	MICROSS		Y MTLT1013QLS		710
5962-88760022A	G	08/04/2015	1	TI		Y LT1013MFKB		710
5962-8876002GA	G	08/04/2015	1	MICROSS		Y MTLT1013QH		710
5962-8876002PA	G	08/04/2015	1	MICROSS		Y MTLT1013QD8		710
5962-8876002PA	G	08/04/2015	1	TI		Y LT1013MJGB		710
5962-8876002XA	G	08/04/2015	1	MICROSS		Y MTLT1013QH		710
5962R8876003V9A	G	08/04/2015	1C	LINEAR TECH.		Y RH1013DICE		710
5962R8876003VGA	G	08/04/2015		(NONE)		RH1013 (GEN)		710
5962R8876003VHA	G	08/04/2015	1C	LINEAR TECH.		Y RH1013MW		710
5962R8876003VPA	G	08/04/2015		(NONE)		RH1013 (GEN)		710
5962-8876101EA	B	10/16/2007		(NONE)	12/01/2009	LM78S40 (GEN)		787
5962-8876201GA	D	12/19/2016	1	LINEAR TECH.		Y LT1021BMH-5/883B		785
5962R8876201VGA	D	12/19/2016	1C	LINEAR TECH.		Y RH1021BMH-5		785
5962R8876202V9A	D	12/19/2016	1C	LINEAR TECH.		Y RH1021-5 DICE		785
5962-8876202GA	D	12/19/2016	1	LINEAR TECH.		Y LT1021CMH-5/883B		785
5962R8876202VGA	D	12/19/2016	1C	LINEAR TECH.		Y RH1021CMH-5		785
5962R8876202VHA	D	12/19/2016	1C	LINEAR TECH.		Y RH1021CMW-5		785
5962-8876203GA	D	12/19/2016		(NONE)		LT1021DM-5 (GEN)		785
5962R8876203VGA	D	12/19/2016		(NONE)		RH1021DM-5 (GEN)		785
5962-8876301IA	A	02/18/2010		(NONE)		1568 (GEN)		784
5962-8876302CA	A	02/18/2010		(NONE)		1568 (GEN)		784
5962-8876401LA	D	03/05/2018		ANALOG (3)		Y AD7824TQ/883B		592
5962-8876402LA	D	03/05/2018		ANALOG (3)		Y AD7824UQ/883B		592
5962-8876403XA	D	03/05/2018		ANALOG (3)		Y AD7828TQ/883B		592
5962-88764043A	D	03/05/2018		ANALOG (3)		Y AD7828UE/883B		592
5962-8876404XA	D	03/05/2018		ANALOG (3)		Y AD7828UQ/883B		592
5962-8876501RA	C	02/05/2015		(NONE)	07/13/2017	AD7549S (GEN)		591
5962-8876502RA	C	02/05/2015	1	ANALOG (3)		Y AD7549TQ/883B		591
5962-88766013A	B	08/16/2016	3	ANALOG (3)		Y AD7245ATE/883B		591
5962-8876601LA	B	08/16/2016	3	ANALOG (3)		Y AD7245ATQ/883B		591
5962-8876602RA	B	08/16/2016		(NONE)	01/29/2015	AD7248A (GEN)		591
5962-8876701LA	D	05/05/2016	1	MAXIM INTEG.		MAX502AMRG/883B		591

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5962-8876702LA	D	05/05/2016	1	MAXIM INTEG.			MAX502BMRG/883B	591
5962-8876801PA	J	06/06/2017	1	AVAGO		Y HCPL-5201#200		460
5962-8876801PC	J	06/06/2017	1	AVAGO		Y HCPL-5201		460
5962-8876801XA	J	06/06/2017	1	AVAGO		Y HCPL-5201#300		460
5962-8876801YA	J	06/06/2017	1	AVAGO		Y HCPL-5201#100		460
5962-8876801YC	J	06/06/2017	1	AVAGO		Y HCPL-5201#100		460
5962-8876802KPA	J	06/06/2017	1	AVAGO		Y HCPL-520K#200		460
5962-8876802KPC	J	06/06/2017	1	AVAGO		Y HCPL-520K		460
5962-8876802KXA	J	06/06/2017	1	AVAGO		Y HCPL-520K#300		460
5962-8876802KYA	J	06/06/2017	1	AVAGO		Y HCPL-520K#100		460
5962-8876802KYC	J	06/06/2017	1	AVAGO		Y HCPL-520K#100		460
5962-8876901PA	M	01/16/2019	3	AVAGO		Y HCPL-5231#200		460
5962-8876901PC	M	01/16/2019	3	AVAGO		Y HCPL-5231		460
5962-8876901XA	M	01/16/2019	3	AVAGO		Y HCPL-5231#300		460
5962-8876901YA	M	01/16/2019	3	AVAGO		Y HCPL-5231#100		460
5962-8876901YC	M	01/16/2019	3	AVAGO		Y HCPL-5231#100		460
5962-88769022A	M	01/16/2019	1	AVAGO		Y HCPL-6231		460
5962-8876903FC	M	01/16/2019	3	AVAGO		Y HCPL-6251		460
5962-8876904KPA	M	01/16/2019	3	AVAGO		Y HCPL-523K#200		460
5962-8876904KPC	M	01/16/2019	3	AVAGO		Y HCPL-523K		460
5962-8876904KXA	M	01/16/2019	3	AVAGO		Y HCPL-523K#300		460
5962-8876904KYA	M	01/16/2019	3	AVAGO		Y HCPL-523K#100		460
5962-8876904KYC	M	01/16/2019	3	AVAGO		Y HCPL-523K#100		460
5962-8876905K2A	M	01/16/2019	3	AVAGO		Y HCPL-623K		460
5962-8876906KFC	M	01/16/2019	3	AVAGO		Y HCPL-625K		460
5962-88770012A	J	10/02/2015		(NONE)			TSC429 (GEN)	519
5962-8877001HA	J	10/02/2015		(NONE)	03/31/1998		MIC429 (GEN)	519
5962-8877001PA	J	10/02/2015		(NONE)	03/31/1998		MIC429 (GEN)	519
5962-88770022C	J	10/02/2015		(NONE)			MAX4429 (GEN)	519
5962-8877002HA	J	10/02/2015		(NONE)	03/31/1998		MIC4429 (GEN)	519
5962-8877002PA	J	10/02/2015	1	MAXIM INTEG.			MAX4429MJA/883B	519
5962-88770032C	J	10/02/2015	1	MAXIM INTEG.			MAX4420MLP/883B	519
5962-8877003HA	J	10/02/2015		(NONE)	03/31/1998		MIC4420 (GEN)	519
5962-8877003PA	J	10/02/2015	1	MAXIM INTEG.			MAX4420MJA/883B	519
5962-8877003PA	J	10/02/2015	2	MICREL			MIC4420AJBQ	519
5962-8877004HA	J	10/02/2015		(NONE)	03/31/1998		MIC4451 (GEN)	519
5962-8877004PA	J	10/02/2015		(NONE)	03/31/1998		MIC4451 (GEN)	519
5962-8877005HA	J	10/02/2015		(NONE)	03/31/1998		MIC4452 (GEN)	519
5962-8877005PA	J	10/02/2015		(NONE)	03/31/1998		MIC4452 (GEN)	519
5962-8877006HA	J	10/02/2015		(NONE)	03/31/1998		MIC44R21 (GEN)	519
5962-8877006PA	J	10/02/2015		(NONE)			MIC44R21 (GEN)	519
5962-8877007HC	J	10/02/2015	1	INTER. RECT.1			OM9422SFM	519
5962-8877007PA	J	10/02/2015		(NONE)			MIC44R22 (GEN)	519
5962-88771012A	C	04/26/2016	3	E2V		Y	54ACT299LMQB	228
5962-8877101RA	C	04/26/2016	3	E2V		Y	54ACT299DMQB	228
5962-8877101SA	C	04/26/2016	3	E2V		Y	54ACT299FMQB	228
5962-8877102VXA	C	04/26/2016		(NONE)			54ACT299 (GEN)	228
5962-8877102XA	C	04/26/2016		(NONE)			54ACT299 (GEN)	228
5962-8877201CA	A	01/08/2008		(NONE)	12/26/1999		8038 (GEN)	815

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5962-88774012A	D	03/24/2017	1	ROCHESTER		Y 54F51/B2A		130
5962-8877401CA	D	03/24/2017	1	ROCHESTER		Y 54F51/BCA		130
5962-8877401DA	D	03/24/2017	1	ROCHESTER		Y 54F51/BDA		130
5962-88775013A	A	08/05/1991	1B	PYRAMID		Y P54FCT646LMB		590
5962-8877501KA	A	08/05/1991	1B	PYRAMID		Y P54FCT646FSMB		590
5962-8877501LA	A	08/05/1991	1B	PYRAMID		Y P54FCT646CMB		590
5962-88775023A	A	08/05/1991	1B	PYRAMID		Y P54FCT646ALMB		590
5962-8877502KA	A	08/05/1991	1B	PYRAMID		Y P54FCT646AFSMB		590
5962-8877502LA	A	08/05/1991	1B	PYRAMID		Y P54FCT646ACMB		590
5962-8877601XA	C	01/20/2004		(NONE)		SP-2069 (GEN)		592
5962-88778012A	A	10/15/2002		(NONE)		7645A (GEN)		591
5962-8877801RA	A	10/15/2002		(NONE)		7645A (GEN)		591
5962-88778022A	A	10/15/2002		(NONE)		7645B (GEN)		591
5962-8877802RA	A	10/15/2002		(NONE)		7645B (GEN)		591
5962-8943601MRA	B	12/03/2012	1	TI		Y CD54HCT299F3A		228
5962-89438013A	C	02/26/2018	1	E2V		Y 54F821LMQB		229
5962-89438013A	C	02/26/2018	1	ROCHESTER		Y 54F821/Q3A		229
5962-8943801KA	C	02/26/2018	1	E2V		Y 54F821FMQB		229
5962-8943801KA	C	02/26/2018	1	ROCHESTER		Y 54F821/QKA		229
5962-8943801LA	C	02/26/2018	1	E2V		Y 54F821SDMQB		229
5962-8943801LA	C	02/26/2018	1	ROCHESTER		Y 54F821/QLA		229
5962-8944001CA	A	12/03/2008		(NONE)	03/30/2001	LT1032 (GEN)		569
5962-89441012A	E	03/11/2015	1	TI		Y UC1901L/883B		899
5962-8944101CA	E	03/11/2015	1	TI		Y UC1901J/883B		899
5962-8944101VCA	E	03/11/2015	1	TI		Y UC1901JQMLV		899
5962-89444012A	C	03/13/2018		TI		SNJ54LS597FK		225
5962-8944401EA	C	03/13/2018		TI		SNJ54LS597J		225
5962-8944401FA	C	03/13/2018		TI		SNJ54LS597W		225
5962-8944501JA	B	11/23/2013	1	TI		Y CD54HC4059BF3A		319
5962-89446013A		07/23/1991		(NONE)	12/31/1995	TMC2011V (GEN)		228
5962-8944601LA		07/23/1991		(NONE)	12/31/1995	TMC2011V (GEN)		228
5962-89446023A		07/23/1991		(NONE)	12/31/1995	TMC2111V (GEN)		228
5962-8944602LA		07/23/1991		(NONE)	12/31/1995	TMC2111V (GEN)		228
5962-8944701HUA	G	06/24/2014		(NONE)		ARX3436 (GEN)		590
5962-8944701HXA	G	06/24/2014		(NONE)		ARX3416 (GEN)		590
5962-8944701HYA	G	06/24/2014		(NONE)		ARX3416 (GEN)		590
5962-8944701HZA	G	06/24/2014		(NONE)		ARX3436 (GEN)		590
5962-8944702HXA	G	06/24/2014		(NONE)		NHI-1501 (GEN)		590
5962-8944702HYA	G	06/24/2014		(NONE)		NHI-1501 (GEN)		590
5962-8944703HXA	G	06/24/2014	1	API		Y FC1553622		590
5962-8944703HXC	G	06/24/2014	1	API		Y FC1553622		590
5962-8944703HYA	G	06/24/2014	1	API		Y FC1553622FP		590
5962-8944703HYC	G	06/24/2014	1	API		Y FC1553622FP		590
5962-8944704HXC	G	06/24/2014	1	DDC		Y BUS63135II		590
5962-8944704HYC	G	06/24/2014	1	DDC		Y BUS63136II		590
5962-8944705HXA	G	06/24/2014		(NONE)		CT1487-DI (GEN)		590
5962-8944706HXA	G	06/24/2014	1	AEROFLEX		Y ACT4487-DI-002-2		590
5962-8944706HXC	G	06/24/2014	1	AEROFLEX		Y ACT4487-DI-002-1		590
5962-8944707HYA	G	06/24/2014		(NONE)		CT1487-DFI (GEN)		590

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5962-8944708HUA	G	06/24/2014	1	AEROFLEX		Y ACT4436-DI		590
5962-8944708HUC	G	06/24/2014	1	AEROFLEX		Y ACT4436-DI		590
5962-8944708HXA	G	06/24/2014	1	AEROFLEX		Y ACT4487-DI		590
5962-8944708HXC	G	06/24/2014	1	AEROFLEX		Y ACT4487-DI		590
5962-8944708HYA	G	06/24/2014	1	AEROFLEX		Y ACT4487-DFI		590
5962-8944708HYC	G	06/24/2014	1	AEROFLEX		Y ACT4487-DFI		590
5962-8944708HZA	G	06/24/2014	1	AEROFLEX		Y ACT4436-DFI		590
5962-8944708HZC	G	06/24/2014	1	AEROFLEX		Y ACT4436-DFI		590
5962-8944901QA	A	12/16/1994		(NONE)	12/24/1997		80C18710 (GEN)	409
5962-8944901XA	A	12/16/1994		(NONE)	12/24/1997		80C18710 (GEN)	409
5962-8944902QA	A	12/16/1994		(NONE)	12/24/1997		80C18712 (GEN)	409
5962-8944902XA	A	12/16/1994		(NONE)	12/24/1997		80C18712 (GEN)	409
5962-8944903QA	A	12/16/1994		(NONE)	12/24/1997		80C18716 (GEN)	409
5962-8944903XA	A	12/16/1994		(NONE)	12/24/1997		80C18716 (GEN)	409
5962-8945801EA	B	11/06/2012	2	TI		Y CD54HCT4020F3A		305
5962-8946201MUA	B	10/17/2005	1	E2V SEMI.		TS68C000MR1B/C8A		403
5962-8946201MUC	B	10/17/2005	1	E2V SEMI.		TS68C000MRB/C8A		403
5962-8946201MXA	B	10/17/2005	1	E2V SEMI.		TS68C000ME1B/C8A		403
5962-8946201MYA	B	10/17/2005	1	E2V SEMI.		TS68C000MC1B/C8A		403
5962-8946201MYC	B	10/17/2005	1	E2V SEMI.		TS68C000MCB/C8A		403
5962-8946201MZA	B	10/17/2005	1	E2V SEMI.		TS68C000MF1B/C8A		403
5962-8946201MZC	B	10/17/2005	1	E2V SEMI.		TS68C000MFB/C8A		403
5962-8946202MUA	B	10/17/2005	1	E2V SEMI.		TS68C000MR1B/C10A		403
5962-8946202MUC	B	10/17/2005	1	E2V SEMI.		TS68C000MRB/C10A		403
5962-8946202MXA	B	10/17/2005	1	E2V SEMI.		TS68C000ME1B/C10A		403
5962-8946202MYA	B	10/17/2005	1	E2V SEMI.		TS68C000MC1B/C10A		403
5962-8946202MYC	B	10/17/2005	1	E2V SEMI.		TS68C000MCB/C10A		403
5962-8946202MZA	B	10/17/2005	1	E2V SEMI.		TS68C000MF1B/C10A		403
5962-8946202MZC	B	10/17/2005	1	E2V SEMI.		TS68C000MFB/C10A		403
5962-8946203MUA	B	10/17/2005	1	E2V SEMI.		TS68C000MR1B/C12A		403
5962-8946203MUC	B	10/17/2005	1	E2V SEMI.		TS68C000MRB/C12A		403
5962-8946203MXA	B	10/17/2005	1	E2V SEMI.		TS68C000ME1B/C12A		403
5962-8946203MYA	B	10/17/2005	1	E2V SEMI.		TS68C000MC1B/C12A		403
5962-8946203MYC	B	10/17/2005	1	E2V SEMI.		TS68C000MCB/C12A		403
5962-8946203MZA	B	10/17/2005	1	E2V SEMI.		TS68C000MF1B/C12A		403
5962-8946203MZC	B	10/17/2005	1	E2V SEMI.		TS68C000MFB/C12A		403
5962-8946204MUA	B	10/17/2005		(NONE)	09/30/1995		68HC001-8 (GEN)	409
5962-8946205MUA	B	10/17/2005		(NONE)	09/30/1995		68HC001-10 (GEN)	409
5962-8946206MUA	B	10/17/2005		(NONE)	09/30/1995		68HC001-12 (GEN)	409
5962-8946301XA	D	10/04/2005	1	E2V SEMI.		Y TS68882MR1B/C16		403
5962-8946301XC	D	10/04/2005	1	E2V SEMI.		Y TS68882MRB/C16		403
5962-8946301YA	D	10/04/2005	1	E2V SEMI.		Y TS68882MF1B/C16		403
5962-8946301YC	D	10/04/2005	1	E2V SEMI.		Y TS68882MFB/C16		403
5962-8946302XA	D	10/04/2005	1	E2V SEMI.		Y TS68882MR1B/C20		403
5962-8946302XC	D	10/04/2005	1	E2V SEMI.		Y TS68882MRB/C20		403
5962-8946302YA	D	10/04/2005	1	E2V SEMI.		Y TS68882MF1B/C20		403
5962-8946302YC	D	10/04/2005	1	E2V SEMI.		Y TS68882MFB/C20		403
5962-8946303XA	D	10/04/2005	1	E2V SEMI.		Y TS68882MR1B/C25		403
5962-8946303XC	D	10/04/2005	1	E2V SEMI.		Y TS68882MRB/C25		403

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5962-8946303YA	D	10/04/2005	1	E2V SEMI.		Y	TS68882MF1B/C25	403
5962-8946303YC	D	10/04/2005	1	E2V SEMI.		Y	TS68882MFB/C25	403
5962-8946304XA	D	10/04/2005	1	E2V SEMI.		Y	TS68882MR1B/C33	403
5962-8946304XC	D	10/04/2005	1	E2V SEMI.		Y	TS68882MRB/C33	403
5962-8946304YA	D	10/04/2005	1	E2V SEMI.		Y	TS68882MF1B/C33	403
5962-8946304YC	D	10/04/2005	1	E2V SEMI.		Y	TS68882MFB/C33	403
5962-8946401XA	B	07/29/1994		(NONE)	09/30/1995		68030-16 (GEN)	404
5962-8946401YC	B	07/29/1994		(NONE)	09/30/1995		68030-16 (GEN)	404
5962-8946402XA	B	07/29/1994		(NONE)	09/30/1995		68030-20 (GEN)	404
5962-8946402YC	B	07/29/1994		(NONE)	09/30/1995		68030-20 (GEN)	404
5962-8946403XA	B	07/29/1994		(NONE)	09/30/1995		68030-25 (GEN)	404
5962-8946403YC	B	07/29/1994		(NONE)	09/30/1995		68030-25 (GEN)	404
5962-8946404XA	B	07/29/1994		(NONE)	09/30/1995		68030-33 (GEN)	404
5962-8946404YC	B	07/29/1994		(NONE)	09/30/1995		68030-33 (GEN)	404
5962-89466012A	A	02/04/2010		(NONE)			54F620 (GEN)	590
5962-8946601RA	A	02/04/2010		(NONE)			54F620 (GEN)	590
5962-8946601SA	A	02/04/2010		(NONE)			54F620 (GEN)	590
5962-8946801XA	D	09/08/2015	1	E2V		Y	CY7C342B-35RMB	431
5962-8946801XC	D	09/08/2015	1	E2V		Y	CY7C342B-35RMB	431
5962-8946801YA	D	09/08/2015	1	E2V		Y	CY7C342B-35HMB	431
5962-8946801ZA	D	09/08/2015		(NONE)	03/05/1996		7C342B-35 (GEN)	431
5962-8946802XC	D	09/08/2015	1	E2V		Y	CY7C342B-30RMB	431
5962-8946802YA	D	09/08/2015	1	E2V		Y	CY7C342B-30HMB	431
5962-8946802ZA	D	09/08/2015		(NONE)			7C342-30 (GEN)	431
5962-8946803XC	D	09/08/2015	1	E2V		Y	CY7C342B-25RMB	431
5962-8946803YA	D	09/08/2015	1	E2V		Y	CY7C342B-25HMB	431
5962-8946803ZA	D	09/08/2015		(NONE)			7C342B-25 (GEN)	431
5962-8946804XC	D	09/08/2015	1	E2V		Y	CY7C342B-20RMB	431
5962-8946804YA	D	09/08/2015	1	E2V		Y	CY7C342B-20HMB	431
5962-8946804ZA	D	09/08/2015		(NONE)			7C342B-20 (GEN)	431
5962-8946805XC	D	09/08/2015	1	E2V		Y	CY7C342B-15RMB	431
5962-8946805YA	D	09/08/2015	1	E2V		Y	CY7C342B-15HMB	431
5962-8946901YC	D	02/23/2018		(NONE)	10/31/1996		1810 (GEN)	431
5962-8947601LA	B	01/03/2018		(NONE)	10/31/1996		610 (GEN)	431
5962-8947601XA	B	01/03/2018		(NONE)				431
5962-8947602LA	B	01/03/2018		(NONE)	06/30/1995		EP610-25 (GEN)	431
5962-8947603LA	B	01/03/2018		(NONE)	06/30/1995		EP610-15 (GEN)	431
5962-8947701PA	G	07/07/2017	2	AVAGO		Y	HCPL-5761#200	460
5962-8947701PC	G	07/07/2017	2	AVAGO		Y	HCPL-5761	460
5962-8947701XA	G	07/07/2017	2	AVAGO		Y	HCPL-5761#300	460
5962-8947701YA	G	07/07/2017	2	AVAGO		Y	HCPL-5761#100	460
5962-8947701YC	G	07/07/2017	2	AVAGO		Y	HCPL-5761#100	460
5962-8947702KPA	G	07/07/2017	2	AVAGO		Y	HCPL-576K#200	460
5962-8947702KPC	G	07/07/2017	2	AVAGO		Y	HCPL-576K	460
5962-8947702KXA	G	07/07/2017	2	AVAGO		Y	HCPL-576K#300	460
5962-8947702KYA	G	07/07/2017	2	AVAGO		Y	HCPL-576K#100	460
5962-8947702KYC	G	07/07/2017	2	AVAGO		Y	HCPL-576K#100	460
5962-8947901V2A	F	07/27/2018		(NONE)			REF10A (GEN)	785
5962R8947901V2A	F	07/27/2018		(NONE)			REF10A (GEN)	785



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5962-8947901GA	F	07/27/2018		(NONE)			REF10A (GEN)	785
5962-8947901VGA	F	07/27/2018		(NONE)			REF10A (GEN)	785
5962R8947901VGA	F	07/27/2018	2	ANALOG (4)		Y	REF10AJ/QMLR	785
5962-8947901VHA	F	07/27/2018		(NONE)	08/31/2011		REF10A (GEN)	785
5962R8947901VHA	F	07/27/2018	2	ANALOG (4)		Y	REF10AL/QMLR	785
5962-8947901VPA	F	07/27/2018		(NONE)			REF10A (GEN)	785
5962R8947901VPA	F	07/27/2018		(NONE)			REF10A (GEN)	785
5962-8947902GA	F	07/27/2018		(NONE)	04/14/2001		REF10B (GEN)	785
5962L8947903VHA	F	07/27/2018	2	ANALOG (4)		Y	REF10AL/QMLL	785
5962-89481012C	A	09/10/2004		(NONE)	04/15/2015		7541AS (GEN)	591
5962-8948101VA	A	09/10/2004		(NONE)			7541AS (GEN)	591
5962-89481022A	A	09/10/2004		(NONE)	07/27/2015		7541AT (GEN)	591
5962-8948102VA	A	09/10/2004		(NONE)	08/30/2015		AD7541AT (GEN)	591
5962-89481032A	A	09/10/2004		(NONE)			PM7541AB (GEN)	591
5962-8948103VA	A	09/10/2004		(NONE)			PM7541AB (GEN)	591
5962-8948104VA	A	09/10/2004		(NONE)			PM7541AA (GEN)	591
5962-8948301LA	E	07/08/2008		(NONE)	03/30/2001		LTC1064 (GEN)	899
5962-8948401M3A	B	08/24/2015	3	E2V		Y	CY7C265-50QMB	660
5962-8948401MXA	B	08/24/2015	3	E2V		Y	CY7C265-50WMB	660
5962-8948401MYA	B	08/24/2015		(NONE)	05/10/1995		7C265-50 (GEN)	660
5962-8948402M3A	B	08/24/2015	3	E2V		Y	CY7C265-25QMB	660
5962-8948402MXA	B	08/24/2015	3	E2V		Y	CY7C265-25WMB	660
5962-8948402MYA	B	08/24/2015		(NONE)	05/10/1995		7C265-25 (GEN)	660
5962-8948403M3A	B	08/24/2015	3	E2V		Y	CY7C265-15QMB	660
5962-8948403MXA	B	08/24/2015	3	E2V		Y	CY7C265-15WMB	660
5962-8948403MYA	B	08/24/2015		(NONE)	05/10/1995		7C265-15 (GEN)	660
5962-89487012A	C	11/09/2015	3	E2V		Y	54F132LMQB	100
5962-89487012A	C	11/09/2015	3	ROCHESTER		Y	54F132/Q2A	100
5962-8948701CA	C	11/09/2015	3	E2V		Y	54F132DMQB	100
5962-8948701CA	C	11/09/2015	3	ROCHESTER		Y	54F132/QCA	100
5962-8948701DA	C	11/09/2015	3	E2V		Y	54F132FMQB	100
5962-8948701DA	C	11/09/2015	3	ROCHESTER		Y	54F132/QDA	100
5962-8949001XA	D	02/02/2012	1	SOLITRON		Y	SD11089XHD	789
5962-8949001XC	D	02/02/2012	1	SOLITRON		Y	SD11089XHG	789
5962-8949002XA	D	02/02/2012	1	SOLITRON		Y	SD11081XHD	789
5962-8949002XC	D	02/02/2012	1	SOLITRON		Y	SD11081XHG	789
5962-8949003XA	D	02/02/2012	1	SOLITRON		Y	SD11082XHD	789
5962-8949003XC	D	02/02/2012	1	SOLITRON		Y	SD11082XHG	789
5962-8949004XA	D	02/02/2012	1	SOLITRON		Y	SD11083XHD	789
5962-8949004XC	D	02/02/2012	1	SOLITRON		Y	SD11083XHG	789
5962-8949005XA	D	02/02/2012	1	SOLITRON		Y	SD11084XHD	789
5962-8949005XC	D	02/02/2012	1	SOLITRON		Y	SD11084XHG	789
5962-8949006XA	D	02/02/2012	1	SOLITRON		Y	SD11085XHD	789
5962-8949006XC	D	02/02/2012	1	SOLITRON		Y	SD11085XHG	789
5962-8949007XA	D	02/02/2012	1	SOLITRON		Y	SD11086XHD	789
5962-8949007XC	D	02/02/2012	1	SOLITRON		Y	SD11086XHG	789
5962-8949008XA	D	02/02/2012	1	SOLITRON		Y	SD11087XHD	789
5962-8949008XC	D	02/02/2012	1	SOLITRON		Y	SD11087XHG	789
5962-8949009XA	D	02/02/2012	1	SOLITRON		Y	SD11088XHD	789



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5962-8949009XC	D	02/02/2012	1	SOLITRON		Y	SD11088XHG	789
5962-8949201EA		04/04/1991		(NONE)			54HC423A (GEN)	166
5962-89494012A	D	01/13/2011		(NONE)			TLC272 (GEN)	710
5962-8949401HA	D	01/13/2011		(NONE)			TLC272 (GEN)	710
5962-8949401PA	D	01/13/2011		(NONE)			TLC272 (GEN)	710
5962-89494022A	D	01/13/2011		(NONE)			TLC277 (GEN)	710
5962-8949402HA	D	01/13/2011		(NONE)			TLC277 (GEN)	710
5962-8949402PA	D	01/13/2011		(NONE)			TLC277 (GEN)	710
5962-89494032A	D	01/13/2011		(NONE)			TLC27L2 (GEN)	710
5962-8949403HA	D	01/13/2011		(NONE)			TLC27L2 (GEN)	710
5962-8949403PA	D	01/13/2011		(NONE)			TLC27L2 (GEN)	710
5962-89494042A	D	01/13/2011		(NONE)			TLC27L7 (GEN)	710
5962-8949404HA	D	01/13/2011		(NONE)			TLC27L7 (GEN)	710
5962-8949404PA	D	01/13/2011		(NONE)			TLC27L7 (GEN)	710
5962-89494052A	D	01/13/2011		(NONE)			TLC27M2 (GEN)	710
5962-8949405HA	D	01/13/2011		(NONE)			TLC27M2 (GEN)	710
5962-8949405PA	D	01/13/2011		(NONE)			TLC27M2 (GEN)	710
5962-89494062A	D	01/13/2011		(NONE)			TLC27M7 (GEN)	710
5962-8949406HA	D	01/13/2011		(NONE)			TLC27M7 (GEN)	710
5962-8949406PA	D	01/13/2011		(NONE)			TLC27M7 (GEN)	710
5962-8949701MTA	C	01/27/2014		(NONE)				625
5962-8949701MUA	C	01/27/2014		(NONE)				625
5962-8949701MXA	C	01/27/2014		(NONE)				625
5962-8949701MYA	C	01/27/2014		(NONE)				625
5962-8949701MZA	C	01/27/2014		(NONE)				625
5962-8949702MTA	C	01/27/2014		(NONE)				625
5962-8949702MUA	C	01/27/2014		(NONE)				625
5962-8949702MXA	C	01/27/2014		(NONE)				625
5962-8949702MYA	C	01/27/2014		(NONE)				625
5962-8949702MZA	C	01/27/2014		(NONE)				625
5962-8949703MMA	C	01/27/2014	2	MICROSS		Y	SMJ44C251B-12SVM	625
5962-8949703MMA	C	01/27/2014	1	MICROSS		Y	MT42C4256CZ-12/883C	625
5962-8949703MTA	C	01/27/2014	1	MICROSS		Y	MT42C4256DCJ-12/883C	625
5962-8949703MUA	C	01/27/2014	1	MICROSS		Y	MT42C4256F-12/883C	625
5962-8949703MXA	C	01/27/2014	2	MICROSS		Y	SMJ44C251B-12JDM	625
5962-8949703MXA	C	01/27/2014	1	MICROSS		Y	MT42C4256C-12/883C	625
5962-8949703MYA	C	01/27/2014	2	MICROSS		Y	SMJ44C251B-12HJM	625
5962-8949703MZA	C	01/27/2014	2	MICROSS		Y	SMJ44C251B-12HMM	625
5962-8949703MZA	C	01/27/2014	1	MICROSS		Y	MT42C4256EC-12/883C	625
5962-8949704MMA	C	01/27/2014	2	MICROSS		Y	SMJ44C251B-10SVM	625
5962-8949704MMA	C	01/27/2014	1	MICROSS		Y	MT42C4256CZ-10/883C	625
5962-8949704MTA	C	01/27/2014	1	MICROSS		Y	MT42C4256DCJ-10/883C	625
5962-8949704MUA	C	01/27/2014	1	MICROSS		Y	MT42C4256F-10/883C	625
5962-8949704MXA	C	01/27/2014	2	MICROSS		Y	SMJ44C251B-10JDM	625
5962-8949704MXA	C	01/27/2014	1	MICROSS		Y	MT42C4256C-10/883C	625
5962-8949704MYA	C	01/27/2014	2	MICROSS		Y	SMJ44C251B-10HJM	625
5962-8949704MZA	C	01/27/2014	2	MICROSS		Y	SMJ44C251B-10HMM	625
5962-8949704MZA	C	01/27/2014	1	MICROSS		Y	MT42C4256EC-10/883C	625
5962-8949801XA	J	03/12/2014	1	DDC		Y	SDC-14561V-144	594

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5962-8949801XC	J	03/12/2014	1	DDC		Y SDC-14561V-114		594
5962-8949801YA	J	03/12/2014		(NONE)		14561-603 (GEN)		594
5962-8949802XA	J	03/12/2014	1	DDC		Y SDC-14561V-145		594
5962-8949802XC	J	03/12/2014	1	DDC		Y SDC-14561V-115		594
5962-8949802YA	J	03/12/2014		(NONE)		14561-604 (GEN)		594
5962-8949803XC	J	03/12/2014		(NONE)		1066-349H/2 (GEN)		594
5962-8949804XC	J	03/12/2014		(NONE)		1066-349V/2 (GEN)		594
5962-8949805XA	J	03/12/2014	1	DDC		Y SDC-14562V-144		594
5962-8949805XC	J	03/12/2014	1	DDC		Y SDC-14562V-114		594
5962-8949805YA	J	03/12/2014		(NONE)		14562-114 (GEN)		594
5962-8949901XA	M	03/12/2014	1	DDC		Y SDC-14560-144		594
5962-8949901XC	M	03/12/2014	1	DDC		Y SDC-14560-114		594
5962-8949901YA	M	03/12/2014		(NONE)		14560-144 (GEN)		594
5962-8949902XA	M	03/12/2014	1	DDC		Y SDC-14560-145		594
5962-8949902XC	M	03/12/2014	1	DDC		Y SDC-14560-115		594
5962-8949902YA	M	03/12/2014		(NONE)		14560-145 (GEN)		594
5962-8949903XA	M	03/12/2014	1	DDC		Y SDC-14560-605		594
5962-8949903XC	M	03/12/2014	1	DDC		Y SDC-14560-605		594
5962-8949903YA	M	03/12/2014		(NONE)		14560III-605 (GEN)		594
5962-8949904XC	M	03/12/2014		(NONE)		1066-341H/2 (GEN)		594
5962-8949905XC	M	03/12/2014		(NONE)		1066-341V/2 (GEN)		594
5962-8949906XC	M	03/12/2014		(NONE)		1066-C778H/2 (GEN)		594
5962-8949907XA	M	03/12/2014	1	DDC		Y SDC-14560-142		594
5962-8949907XC	M	03/12/2014	1	DDC		Y SDC-14560-112		594
5962-8949907YA	M	03/12/2014		(NONE)		14560-142 (GEN)		594
5962-8949908XA	M	03/12/2014	1	DDC		Y SDC-14560-141		594
5962-8949908XC	M	03/12/2014	1	DDC		Y SDC-14560-111		594
5962-8949908YA	M	03/12/2014		(NONE)		14560-141 (GEN)		594
5962-8950101XA	E	09/24/2013	1	COBHAM		Y UT1553BCRTMPG		590
5962-8950101XC	E	09/24/2013	1	COBHAM		Y UT1553BCRTMPG		590
5962-8950101YC	E	09/24/2013	1	COBHAM		Y UT1553BCRTMPA		590
5962-89502012A	E	04/07/2015		(NONE)	10/05/2004	HA-2544 (GEN)		760
5962-8950201GC	E	04/07/2015		(NONE)	12/10/2015	HA-2544 (GEN)		760
5962-8950201PA	E	04/07/2015		(NONE)	04/04/2005	HA-2544 (GEN)		760
5962-89503012A	K	03/14/2017		TI		Y TLC555MFKB		814
5962-8950301PA	K	03/14/2017		TI		Y TLC555MJGB		814
5962-89503022A	K	03/14/2017		TI		Y TLC556MFKB		814
5962-8950302CA	K	03/14/2017		TI		Y TLC556MJB		814
5962-8950303GA	K	03/14/2017	1	ROCHESTER		Y ICM7555MTV/883		814
5962-8950303GC	K	03/14/2017	1	ROCHESTER		Y ICM7555MTV/883		814
5962-8950303PA	K	03/14/2017		(NONE)		7555 (GEN)		814
5962-8950304CA	K	03/14/2017		(NONE)		7556 (GEN)		814
5962-8950305CA	K	03/14/2017		(NONE)		LMC555 (GEN)		814
5962-8950305GA	K	03/14/2017		(NONE)	02/27/1998	LMC555 (GEN)		814
5962-8950305PA	K	03/14/2017		(NONE)	12/03/2008	LMC555 (GEN)		814
5962-8950401GA	D	11/14/2016	1	MICROSS		Y MTLT1017QH		773
5962-8950401PA	D	11/14/2016	1	MICROSS		Y MTLT1017QD8		773
5962-8950402GA	D	11/14/2016	1	MICROSS		Y MTLT1018QH		773
5962-8950402PA	D	11/14/2016	1	MICROSS		Y MTLT1018QD8		773

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5962-8950501UA	A	12/08/2005	1	PYRAMID		Y P1753-20QLMB		429
5962-8950501YA	A	12/08/2005	1	PYRAMID		Y P1753-20QGMB		429
5962-8950501ZA	A	12/08/2005	1	PYRAMID		Y P1753-20PGMB		429
5962-8950502UA	A	12/08/2005	1	PYRAMID		Y P1753-30QLMB		429
5962-8950502YA	A	12/08/2005	1	PYRAMID		Y P1753-30QGMB		429
5962-8950502ZA	A	12/08/2005	1	PYRAMID		Y P1753-30PGMB		429
5962-8950503UA	A	12/08/2005	1	PYRAMID		Y P1753-40QLMB		429
5962-8950503YA	A	12/08/2005	1	PYRAMID		Y P1753-40QGMB		429
5962-8950503ZA	A	12/08/2005	1	PYRAMID		Y P1753-40PGMB		429
5962-8950504TA	A	12/08/2005	1	PYRAMID		Y P1753-20GMB		429
5962-8950504XA	A	12/08/2005	1	PYRAMID		Y P1753-20CMB		429
5962-8950505TA	A	12/08/2005	1	PYRAMID		Y P1753-30GMB		429
5962-8950505XA	A	12/08/2005	1	PYRAMID		Y P1753-30CMB		429
5962-8950506TA	A	12/08/2005	1	PYRAMID		Y P1753-40GMB		429
5962-8950506XA	A	12/08/2005	1	PYRAMID		Y P1753-40CMB		429
5962-89506013A	C	11/28/2016	1	E2V		Y IDT54FCT827ALB		569
5962-89506013A	C	11/28/2016	1	PYRAMID		Y P54FCT827ALMB		569
5962-8950601KA	C	11/28/2016	1	E2V		Y IDT54FCT827AEB		569
5962-8950601KA	C	11/28/2016	1	PYRAMID		Y P54FCT827AFMB		569
5962-8950601LA	C	11/28/2016	1	E2V		Y IDT54FCT827ADB		569
5962-8950601LA	C	11/28/2016	1	PYRAMID		Y P54FCT827ACMB		569
5962-89506023A	C	11/28/2016	1	E2V		Y IDT54FCT827BLB		569
5962-89506023A	C	11/28/2016	1	PYRAMID		Y P54FCT827BLMB		569
5962-8950602KA	C	11/28/2016	1	E2V		Y IDT54FCT827BEB		569
5962-8950602KA	C	11/28/2016	1	PYRAMID		Y P54FCT827BFMB		569
5962-8950602LA	C	11/28/2016	1	E2V		Y IDT54FCT827BDB		569
5962-8950602LA	C	11/28/2016	1	PYRAMID		Y P54FCT827BCMB		569
5962-89507012A	D	11/06/2017	1	ROCHESTER		Y 54HC4066/B2A		183
5962-8950701CA	D	11/06/2017	1	TI		Y CD54HC4066F3A		183
5962-89508012A		04/27/1989		(NONE)	04/27/1998	54FCT139 (GEN)		283
5962-8950801EA		04/27/1989		(NONE)	04/27/1998	54FCT139 (GEN)		283
5962-8950801FA		04/27/1989		(NONE)	04/27/1998	54FCT139 (GEN)		283
5962-89508022A		04/27/1989		(NONE)	04/27/1998	54FCT139A (GEN)		283
5962-8950802EA		04/27/1989		(NONE)	04/27/1998	54FCT139A (GEN)		283
5962-8950802FA		04/27/1989		(NONE)	04/27/1998	54FCT139A (GEN)		283
5962-8950901XA	B	06/06/2008		(NONE)		RGBDAC3808H (GEN)		591
5962-89510012A	C	03/14/2018	2	TI		Y SNJ54F27FK		122
5962-8951001CA	C	03/14/2018	2	TI		Y SNJ54F27J		122
5962-8951001DA	C	03/14/2018		(NONE)	11/28/2015	54F27 (GEN)		122
5962-89511012A	F	04/14/2015		(NONE)	11/28/2015	1525A (GEN)		787
5962-8951101EA	F	04/14/2015	1	MICROSEMI (1)		Y SG1525AJ/883B		787
5962-8951101FA	F	04/14/2015	1	MICROSEMI (1)		Y SG1525AF/883B		787
5962-89511022A	F	04/14/2015		(NONE)		1527A (GEN)		787
5962-8951102EA	F	04/14/2015	1	MICROSEMI (1)		Y SG1527AJ/883B		787
5962-89511032A	F	04/14/2015	1	TI		Y UC1525AL883B		787
5962-8951103V2A	F	04/14/2015		(NONE)		UC1525A (GEN)		787
5962-8951103EA	F	04/14/2015	1	TI		Y UC1525AJ883B		787
5962-8951103VEA	F	04/14/2015		(NONE)		UC1525A (GEN)		787
5962-89511042A	F	04/14/2015		(NONE)	11/28/2015	1527A (GEN)		787

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5962-8951104EA	F	04/14/2015	1	TI		Y UC1527AJ883B		787
5962-89511052A	F	04/14/2015		(NONE)	11/28/2015	1525B (GEN)		787
5962-8951105V2A	F	04/14/2015	1	TI		Y UC1525BLQMLV		787
5962-8951105EA	F	04/14/2015	1	TI		Y UC1525BJ883B		787
5962-8951105VEA	F	04/14/2015	1	TI		Y UC1525BJQMLV		787
5962-8951106V2A	F	04/14/2015	2	TI		Y UC1525BFK-SP		787
5962-8951201XA	D	12/18/1995		(NONE)		56001-20 (GEN)		432
5962-8951201YC	D	12/18/1995		(NONE)		56001-20 (GEN)		432
5962-8951202XA	D	12/18/1995		(NONE)	09/30/1995	56001A-20 (GEN)		432
5962-8951202YC	D	12/18/1995		(NONE)	09/30/1995	56001A-20 (GEN)		432
5962-89513012A	E	10/25/2016	2	E2V		Y 54FCT574LMQB		159
5962-89513012A	E	10/25/2016	2	E2V		Y QP54FCT574LMQB		159
5962-89513012A	E	10/25/2016	1	E2V		Y IDT54FCT574LB		159
5962-89513012A	E	10/25/2016	1	PYRAMID		Y P54FCT574LMB		159
5962-8951301RA	E	10/25/2016	2	E2V		Y 54FCT574DMQB		159
5962-8951301RA	E	10/25/2016	2	E2V		Y QP54FCT574DMQB		159
5962-8951301RA	E	10/25/2016	1	E2V		Y IDT54FCT574DB		159
5962-8951301RA	E	10/25/2016	1	PYRAMID		Y P54FCT574CMB		159
5962-8951301SA	E	10/25/2016	1	E2V		Y IDT54FCT574EB		159
5962-8951301SA	E	10/25/2016	2	E2V		Y 54FCT574FMQB		159
5962-8951301SA	E	10/25/2016	2	E2V		Y QP54FCT574FMQB		159
5962-8951301SA	E	10/25/2016	1	PYRAMID		Y P54FCT574FMB		159
5962-89513022A	E	10/25/2016	2	E2V		Y QP54FCT574ALMQB		159
5962-89513022A	E	10/25/2016	1	E2V		Y IDT54FCT574ALB		159
5962-89513022A	E	10/25/2016	1	PYRAMID		Y P54FCT574ALMB		159
5962-8951302RA	E	10/25/2016	2	E2V		Y QP54FCT574ADMQB		159
5962-8951302RA	E	10/25/2016	1	E2V		Y IDT54FCT574ADB		159
5962-8951302RA	E	10/25/2016	1	PYRAMID		Y P54FCT574ACMB		159
5962-8951302SA	E	10/25/2016	2	E2V		Y QP54FCT574AFMQB		159
5962-8951302SA	E	10/25/2016	1	E2V		Y IDT54FCT574AEB		159
5962-8951302SA	E	10/25/2016	1	PYRAMID		Y P54FCT574AFMB		159
5962-8951401QA	B	06/06/2013	1	E2V		Z84C2006CMB		420
5962-8951501XA	B	05/06/2008	1	E2V		Z84C3006CMB		424
5962-8951601QA		01/25/1989		(NONE)		Z84C4206 (GEN)		420
5962-8951701TA	A	05/09/1994		(NONE)	07/31/1995	7C9101-45 (GEN)		400
5962-8951701UA	A	05/09/1994		(NONE)		7C9101-45 (GEN)		400
5962-8951701VA	A	05/09/1994		(NONE)	07/31/1995	7C9101-45 (GEN)		400
5962-8951701XA	A	05/09/1994		(NONE)		7C9101-45 (GEN)		400
5962-8951701YA	A	05/09/1994		(NONE)		7C9101-45 (GEN)		400
5962-8951701ZA	A	05/09/1994		(NONE)	07/31/1995	7C9101-45 (GEN)		400
5962-8951702UA	A	05/09/1994		(NONE)		7C9101-35 (GEN)		400
5962-8951702XA	A	05/09/1994		(NONE)		7C9101-35 (GEN)		400
5962-8951702YA	A	05/09/1994		(NONE)		7C9101-35 (GEN)		400
5962-8951702ZA	A	05/09/1994		(NONE)		7C9101-35 (GEN)		400
5962-89518012A	B	11/21/2014	1	ANALOG (3)		Y AD7821TE/883B		592
5962-8951801RA	B	11/21/2014	1	ANALOG (3)		Y AD7821TQ/883B		592
5962-8951901MUA	F	10/23/1998		(NONE)		BX1750A (GEN)		403
5962-8951901MXC	F	10/23/1998		(NONE)	03/31/2000	3611023 (GEN)		403
5962-8951901XC	F	10/23/1998		(NONE)	03/31/2000	3611023 (GEN)		403

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5962-8951901MYA	F	10/23/1998		(NONE)	03/31/2000		3611023 (GEN)	403
5962-8951901YA	F	10/23/1998		(NONE)	03/31/2000		3611023 (GEN)	403
5962-8951902MUA	F	10/23/1998		(NONE)			BX1750A (GEN)	403
5962-8951902MXC	F	10/23/1998		(NONE)	03/31/2000		3611023 (GEN)	403
5962-8951902MYA	F	10/23/1998		(NONE)	03/31/2000		3611023 (GEN)	403
5962-8951903MUA	F	10/23/1998		(NONE)			BX1750A (GEN)	403
5962-8951903MXC	F	10/23/1998		(NONE)	03/31/2000		3611023 (GEN)	403
5962-8951903MYA	F	10/23/1998		(NONE)	03/31/2000		3611023 (GEN)	403
5962-8951904VYA	F	10/23/1998		(NONE)	03/31/2000		5165228 (GEN)	403
5962-8951905VYA	F	10/23/1998		(NONE)	03/31/2000		5165228 (GEN)	403
5962-8951991MTA	F	10/23/1998		(NONE)			BX1750A (GEN)	403
5962-8951991MZC	F	10/23/1998		(NONE)	03/31/2000		3611023 (GEN)	403
5962-8951991ZC	F	10/23/1998		(NONE)	03/31/2000		3611023 (GEN)	403
5962-8951992MTA	F	10/23/1998		(NONE)			BX1750A (GEN)	403
5962-8951992MZC	F	10/23/1998		(NONE)	03/31/2000		3611023 (GEN)	403
5962-8951993MTA	F	10/23/1998		(NONE)			BX1750A (GEN)	403
5962-8951993MZC	F	10/23/1998		(NONE)	03/31/2000		3611023 (GEN)	403
5962-8952001XA	E	05/11/2015	1	MICROSS		Y	MTLT1083QK	780
5962-8952001YA	E	05/11/2015	1	MICROSS		Y	MTLT1083QW	780
5962R8952001YA	E	05/11/2015		(NONE)			OM1830 (GEN)	780
5962-8952001ZA	E	05/11/2015	1	MICROSS		Y	MTLT1083QX	780
5962-89521012A	H	05/11/2015	1	MICROSS		Y	MTLT1084QLS	780
5962-8952101UA	H	05/11/2015	1	MICROSS		Y	MTLT1084QP	780
5962-8952101XA	H	05/11/2015	1	MICROSS		Y	MTLT1084QK	780
5962-8952101YA	H	05/11/2015	1	MICROSS		Y	MTLT1084QW	780
5962R8952101YA	H	05/11/2015		(NONE)			OM1840 (GEN)	780
5962-8952101ZA	H	05/11/2015		(NONE)			1084 (GEN)	780
5962-8952201XA	M	04/28/2014	1	DDC		Y	NHI-1559/883	590
5962-8952201XC	M	04/28/2014	1	DDC		Y	NHI-1559/883	590
5962-8952201YA	M	04/28/2014	1	DDC		Y	NHI-1559FP/883	590
5962-8952201YC	M	04/28/2014	1	DDC		Y	NHI-1559FP/883	590
5962-8952202XA	M	04/28/2014		(NONE)			NHI-1529 (GEN)	590
5962-8952202YA	M	04/28/2014		(NONE)			NHI-1529 (GEN)	590
5962-8952203XA	M	04/28/2014		(NONE)			NHI-1529 (GEN)	590
5962-8952203YA	M	04/28/2014		(NONE)			NHI-1529 (GEN)	590
5962-8952204XA	M	04/28/2014	1	DDC		Y	NHI-1559/883	590
5962-8952204XC	M	04/28/2014	1	DDC		Y	NHI-1559/883	590
5962-8952204YA	M	04/28/2014	1	DDC		Y	NHI-1559FP/883	590
5962-8952204YC	M	04/28/2014	1	DDC		Y	NHI-1559FP/883	590
5962-8952205UA	M	04/28/2014		(NONE)			CT2521 (GEN)	590
5962-8952205ZA	M	04/28/2014		(NONE)			CT2521 (GEN)	590
5962-8952206XA	M	04/28/2014	1	API		Y	FC1553921	590
5962-8952206XC	M	04/28/2014	1	API		Y	FC1553921	590
5962-8952206KYA	M	04/28/2014	1	API		Y	FC1553921FP	590
5962-8952206KYC	M	04/28/2014	1	API		Y	FC1553921FP	590
5962-8952206YA	M	04/28/2014	1	API		Y	FC1553921FP	590
5962-8952206YC	M	04/28/2014	1	API		Y	FC1553921FP	590
5962-8952207XA	M	04/28/2014	1	API		Y	FC1553923	590
5962-8952207XC	M	04/28/2014	1	API		Y	FC1553923	590

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5962-8952207KYA	M	04/28/2014	1	API		Y FC1553923FP		590
5962-8952207KYC	M	04/28/2014	1	API		Y FC1553923FP		590
5962-8952207YA	M	04/28/2014	1	API		Y FC1553923FP		590
5962-8952207YC	M	04/28/2014	1	API		Y FC1553923FP		590
5962-8952208XA	M	04/28/2014		(NONE)		NHI-1529 (GEN)		590
5962-8952208YA	M	04/28/2014		(NONE)		NHI-1529 (GEN)		590
5962-8952209XA	M	04/28/2014	1	API		Y FC1553922		590
5962-8952209XC	M	04/28/2014	1	API		Y FC1553922		590
5962-8952209KYA	M	04/28/2014	1	API		Y FC1553922FP		590
5962-8952209KYC	M	04/28/2014	1	API		Y FC1553922FP		590
5962-8952209YA	M	04/28/2014	1	API		Y FC1553922FP		590
5962-8952209YC	M	04/28/2014	1	API		Y FC1553922FP		590
5962-8952210XA	M	04/28/2014	1	API		Y FC1553924		590
5962-8952210XA	M	04/28/2014	1	DDC		Y NHI-1559/883		590
5962-8952210XC	M	04/28/2014	1	API		Y FC1553924		590
5962-8952210XC	M	04/28/2014	1	DDC		Y NHI-1559/883		590
5962-8952210YA	M	04/28/2014		(NONE)		NHI-1559 (GEN)		590
5962-8952210YA	M	04/28/2014	1	DDC		Y NHI-1559FP/883		590
5962-8952210YC	M	04/28/2014	1	DDC		Y NHI-1559FP/883		590
5962-8952211KXA	M	04/28/2014		(NONE)		4453-001-5 (GEN)		590
5962-8952211XA	M	04/28/2014	1	AEROFLEX		Y ACT4453-001-5		590
5962-8952211XC	M	04/28/2014	1	AEROFLEX		Y ACT4453-001-4		590
5962-8952211KYA	M	04/28/2014		(NONE)		4453-201-5 (GEN)		590
5962-8952211YA	M	04/28/2014	1	AEROFLEX		Y ACT4453-201-5		590
5962-8952211YC	M	04/28/2014	1	AEROFLEX		Y ACT4453-201-4		590
5962-8952212KXA	M	04/28/2014		(NONE)		4453-001-2 (GEN)		590
5962-8952212XA	M	04/28/2014	1	AEROFLEX		Y ACT4453-001-2		590
5962-8952212XC	M	04/28/2014	1	AEROFLEX		Y ACT4453-001-1		590
5962-8952212KYA	M	04/28/2014		(NONE)		4453-201-2 (GEN)		590
5962-8952212YA	M	04/28/2014	1	AEROFLEX		Y ACT4453-201-2		590
5962-8952212YC	M	04/28/2014	1	AEROFLEX		Y ACT4453-201-1		590
5962-89523012A	E	05/01/2018		(NONE)		7C403-10 (GEN)		670
5962-8952301EA	E	05/01/2018		(NONE)	07/31/2015	72403-10 (GEN)		670
5962-89523022A	E	05/01/2018		(NONE)		7C403-15 (GEN)		670
5962-8952302EA	E	05/01/2018		(NONE)	10/29/2001	72403L15 (GEN)		670
5962-89523032A	E	05/01/2018		(NONE)				670
5962-8952303EA	E	05/01/2018		(NONE)	10/29/2001	72403L25 (GEN)		670
5962-89523042A	E	05/01/2018		(NONE)				670
5962-8952304EA	E	05/01/2018		(NONE)	07/31/2015	72403-35 (GEN)		670
5962-89523052A	E	05/01/2018		(NONE)		7C401-10 (GEN)		670
5962-8952305EA	E	05/01/2018		(NONE)		7C401-10 (GEN)		670
5962-89523062A	E	05/01/2018		(NONE)		7C401-15 (GEN)		670
5962-8952306EA	E	05/01/2018		(NONE)		7C401-15 (GEN)		670
5962-8952307EA	E	05/01/2018		(NONE)	07/31/2015	72401-25 (GEN)		670
5962-8952308EA	E	05/01/2018		(NONE)	07/31/2015	72401-35 (GEN)		670
5962-8952401XA	D	12/20/2018	1	MICROSS		Y MT5C2565C-70		623
5962-8952401XA	D	12/20/2018	1	PYRAMID		Y P4C1298L-70CMB		623
5962-8952401YA	D	12/20/2018	1	PYRAMID		Y P4C1298L-70LMB		623
5962-8952402XA	D	12/20/2018	1	MICROSS		Y MT5C2565C-55		623



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5962-8952402XA	D	12/20/2018	1	PYRAMID		Y P4C1298L-55CMB		623
5962-8952402YA	D	12/20/2018	1	PYRAMID		Y P4C1298L-55LMB		623
5962-8952403XA	D	12/20/2018	1	MICROSS		Y MT5C2565C-45		623
5962-8952403XA	D	12/20/2018	1	PYRAMID		Y P4C1298L-45CMB		623
5962-8952403YA	D	12/20/2018	1	PYRAMID		Y P4C1298L-45LMB		623
5962-8952404XA	D	12/20/2018	1	MICROSS		Y MT5C2565C-35		623
5962-8952404XA	D	12/20/2018	1	PYRAMID		Y P4C1298L-35CMB		623
5962-8952404YA	D	12/20/2018	1	PYRAMID		Y P4C1298L-35LMB		623
5962-8952405XA	D	12/20/2018	1	MICROSS		Y MT5C2565C-25		623
5962-8952405XA	D	12/20/2018	1	PYRAMID		Y P4C1298L-25CMB		623
5962-8952405YA	D	12/20/2018	1	PYRAMID		Y P4C1298L-25LMB		623
5962-8952406XA	D	12/20/2018	1	MICROSS		Y MT5C2565C-20		623
5962-8952406XA	D	12/20/2018	1	PYRAMID		Y P4C1298L-20CMB		623
5962-8952406YA	D	12/20/2018	1	PYRAMID		Y P4C1298L-20LMB		623
5962-8952407XA	D	12/20/2018	1	MICROSS		Y MT5C2565C-15		623
5962-8952407XA	D	12/20/2018	1	PYRAMID		Y P4C1298L-15CMB		623
5962-8952407YA	D	12/20/2018	1	PYRAMID		Y P4C1298L-15LMB		623
5962-89525013A	D	03/15/2018		(NONE)	11/28/2015	54AS823A (GEN)		421
5962-8952501KA	D	03/15/2018		(NONE)	11/28/2015	54AS823A (GEN)		421
5962-8952501LA	D	03/15/2018	1	TI		Y SNJ54AS823AJT		421
5962-89526013A	D	04/23/2018		(NONE)	11/28/2015	54AS869 (GEN)		304
5962-8952601KA	D	04/23/2018		(NONE)	11/28/2015	54AS869 (GEN)		304
5962-8952601LA	D	04/23/2018	1	TI		SNJ54AS869JT		304
5962-8952701XA	C	01/09/2008		(NONE)		68HC811 (GEN)		420
5962-8952701YC	C	01/09/2008	1	MICROSS		Y AS68HC811E2Q52/883C		420
5962-8952801XA	D	03/12/2018	1	DATEL		Y DAC-HKB/883		591
5962-8952801XC	D	03/12/2018	1	DATEL		Y DAC-HKB/883		591
5962-8952802XA	D	03/12/2018	1	DATEL		Y DAC-HKB-2/883		591
5962-8952802XC	D	03/12/2018	1	DATEL		Y DAC-HKB-2/883		591
5962-8953101HXC	M	03/12/2014	1	DATEL		Y DAC-HPB/883		591
5962-8953102HXC	M	03/12/2014	1	DATEL		Y DAC-HPB-1/883		591
5962-8953102HYA	M	03/12/2014		(NONE)	01/25/2000	MN3292 (GEN)		591
5962-8953103HYA	M	03/12/2014		(NONE)	01/25/2000	MN3290 (GEN)		591
5962-8953104HYA	M	03/12/2014		(NONE)	01/25/2000	MN3291 (GEN)		591
5962-8953201XA	D	02/15/2012	1	E2V		Y 2692/BXA		590
5962-8953202QA	D	02/15/2012	1	E2V		Y 2692/BQA		590
5962-8953202UA	D	02/15/2012	1	E2V		Y 2692/BUA		590
5962-8953202YA	D	02/15/2012	1	E2V		Y 2692/BYA		590
5962-8953203QA	D	02/15/2012		(NONE)		68C681 (GEN)		590
5962-8953203UA	D	02/15/2012		(NONE)		68C681 (GEN)		590
5962-89533013A		09/26/1989		(NONE)	04/27/1998	54FCT861A (GEN)		590
5962-8953301KA		09/26/1989		(NONE)	04/27/1998	54FCT861A (GEN)		590
5962-8953301LA		09/26/1989		(NONE)	04/27/1998	54FCT861A (GEN)		590
5962-89533023A		09/26/1989		(NONE)	04/27/1998	54FCT861B (GEN)		590
5962-8953302KA		09/26/1989		(NONE)	04/27/1998	54FCT861B (GEN)		590
5962-8953302LA		09/26/1989		(NONE)	04/27/1998	54FCT861B (GEN)		590
5962-8953401MXA	C	11/21/1991		(NONE)	12/24/1997	8038716 (GEN)		409
5962-8953401MYA	C	11/21/1991		(NONE)	12/24/1997	8038716 (GEN)		409
5962-8953402MXA	C	11/21/1991		(NONE)	12/24/1997	8038720 (GEN)		409

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5962-8953402MYA	C	11/21/1991		(NONE)	12/24/1997		8038720 (GEN)	409
5962-8953402QYA	C	11/21/1991		(NONE)			80387-20 (GEN)	409
5962-8953403MXA	C	11/21/1991		(NONE)	12/24/1997		8038725 (GEN)	409
5962-8953403MYA	C	11/21/1991		(NONE)	12/24/1997		8038725 (GEN)	409
5962-8953403QYA	C	11/21/1991		(NONE)			80387-25 (GEN)	409
5962-89535013A	E	01/16/2016		(NONE)	09/28/2018		54F657 (GEN)	590
5962-8953501KA	E	01/16/2016		(NONE)	09/28/2018		54F657 (GEN)	590
5962-8953501LA	E	01/16/2016		(NONE)	09/28/2018		54F657 (GEN)	590
5962-8953601UA	G	01/26/2015		(NONE)	10/29/2001		7202LA120 (GEN)	670
5962-8953601XA	G	01/26/2015		(NONE)	10/29/2001		7202LA120 (GEN)	670
5962-8953601YA	G	01/26/2015		(NONE)	10/29/2001		7202LA120 (GEN)	670
5962-8953601ZA	G	01/26/2015		(NONE)	10/29/2001		7202LA120 (GEN)	670
5962-8953602UA	G	01/26/2015		(NONE)	10/29/2001		7202LA80 (GEN)	670
5962-8953602XA	G	01/26/2015		(NONE)	10/29/2001		7202LA80 (GEN)	670
5962-8953602YA	G	01/26/2015		(NONE)	10/29/2001		7202LA80 (GEN)	670
5962-8953602ZA	G	01/26/2015		(NONE)	10/29/2001		7202LA80 (GEN)	670
5962-8953603UA	G	01/26/2015		(NONE)	10/29/2001		7202LA65 (GEN)	670
5962-8953603XA	G	01/26/2015		(NONE)	10/29/2001		7202LA65 (GEN)	670
5962-8953603YA	G	01/26/2015		(NONE)	10/29/2001		7202LA65 (GEN)	670
5962-8953603ZA	G	01/26/2015		(NONE)	10/29/2001		7202LA65 (GEN)	670
5962-8953604UA	G	01/26/2015		(NONE)	10/29/2001		7202LA40 (GEN)	670
5962-8953604XA	G	01/26/2015		(NONE)	10/29/2001		7202LA40 (GEN)	670
5962-8953604YA	G	01/26/2015		(NONE)	10/29/2001		7202LA40 (GEN)	670
5962-8953604ZA	G	01/26/2015		(NONE)	10/29/2001		7202LA40 (GEN)	670
5962-8953605UA	G	01/26/2015	2	IDT		Y	IDT7202LA30LB	670
5962-8953605XA	G	01/26/2015	2	IDT		Y	IDT7202LA30TDB	670
5962-8953605YA	G	01/26/2015	2	IDT		Y	IDT7202LA30DB	670
5962-8953605ZA	G	01/26/2015		(NONE)	10/29/2001		7202LA30 (GEN)	670
5962-8953606UA	G	01/26/2015	2	IDT		Y	IDTT7202LA20LB	670
5962-8953606XA	G	01/26/2015	2	IDT		Y	IDT7202LA20TDB	670
5962-8953606YA	G	01/26/2015	2	IDT		Y	IDT7202LA20DB	670
5962-8953606ZA	G	01/26/2015		(NONE)	10/29/2001		7202LA20 (GEN)	670
5962-8953701UA	D	06/15/2018	2	E2V		Y	CY7C251-65QMB	661
5962-8953701YA	D	06/15/2018	2	E2V		Y	CY7C251-65WMB	661
5962-8953701ZA	D	06/15/2018		(NONE)			7C251-65 (GEN)	661
5962-8953702UA	D	06/15/2018	2	E2V		Y	CY7C251-55QMB	661
5962-8953702YA	D	06/15/2018	2	E2V		Y	CY7C251-55WMB	661
5962-8953702ZA	D	06/15/2018		(NONE)	05/30/1999		7C251-55 (GEN)	661
5962-8953703UA	D	06/15/2018	2	E2V		Y	CY7C251-45QMB	661
5962-8953703YA	D	06/15/2018	2	E2V		Y	CY7C251-45WMB	661
5962-8953703ZA	D	06/15/2018		(NONE)			7C251-45 (GEN)	661
5962-8953801UA	C	12/06/2017		(NONE)				661
5962-8953801XA	C	12/06/2017		(NONE)			7C254-65 (GEN)	661
5962-8953801ZA	C	12/06/2017		(NONE)			7C254-65 (GEN)	661
5962-8953802UA	C	12/06/2017		(NONE)				661
5962-8953802XA	C	12/06/2017		(NONE)	05/31/1998		7C254-55 (GEN)	661
5962-8953802ZA	C	12/06/2017		(NONE)			7C254-55 (GEN)	661
5962-8953803UA	C	12/06/2017		(NONE)			7C254-45 (GEN)	661
5962-8953803XA	C	12/06/2017		(NONE)			7C254-45 (GEN)	661

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5962-8953803ZA	C	12/06/2017		(NONE)			7C254-45 (GEN)	661
5962-89539012A	E	10/24/2018	3	E2V		Y	54AC157LMQB	275
5962-89539012A	E	10/24/2018	2	E2V		Y	QP54AC157LMQB	275
5962-89539012A	E	10/24/2018	3	ROCHESTER		Y	54AC157/Q2A	275
5962F8953901V9A	E	10/24/2018	2	STMICRO		Y	AC157DIE2V	275
5962-8953901EA	E	10/24/2018	3	E2V		Y	54AC157DMQB	275
5962-8953901EA	E	10/24/2018	2	E2V		Y	QP54AC157DMQB	275
5962-8953901EA	E	10/24/2018	3	ROCHESTER		Y	54AC157/QEA	275
5962F8953901EA	E	10/24/2018	2	STMICRO		Y	RHFAC157D04Q	275
5962F8953901EC	E	10/24/2018	2	STMICRO		Y	RHFAC157D03Q	275
5962F8953901VEA	E	10/24/2018	2	STMICRO		Y	RHFAC157D04V	275
5962F8953901VEC	E	10/24/2018	2	STMICRO		Y	RHFAC157D03V	275
5962-8953901FA	E	10/24/2018	3	E2V		Y	54AC157FMQB	275
5962-8953901FA	E	10/24/2018	2	E2V		Y	QP54AC157FMQB	275
5962-8953901FA	E	10/24/2018	3	ROCHESTER		Y	54AC157/QFA	275
5962-8953901VXA	E	10/24/2018		(NONE)			54AC157 (GEN)	275
5962-8953901XA	E	10/24/2018		(NONE)			54AC157 (GEN)	275
5962F8953901VXA	E	10/24/2018	2	STMICRO		Y	RHFAC157K02V	275
5962F8953901VXC	E	10/24/2018	2	STMICRO		Y	RHFAC157K01V	275
5962F8953901XA	E	10/24/2018	2	STMICRO		Y	RHFAC157K02Q	275
5962F8953901XC	E	10/24/2018	2	STMICRO		Y	RHFAC157K01Q	275
5962F8953901VYA	E	10/24/2018	2	STMICRO		Y	RHFAC157K04V	275
5962F8953901VYC	E	10/24/2018	2	STMICRO		Y	RHFAC157K03V	275
5962-8954001JA	D	09/02/2015		(NONE)			HM1-6617 (GEN)	658
5962-8954001LA	D	09/02/2015		(NONE)	04/04/2005		HM6-6617 (GEN)	658
5962-8954001XA	D	09/02/2015		(NONE)			HM4-6617 (GEN)	658
5962-8954002JA	D	09/02/2015		(NONE)	03/25/2001		HM1-6617B (GEN)	658
5962-8954002LA	D	09/02/2015		(NONE)			HM6-6617B (GEN)	658
5962-8954002XA	D	09/02/2015		(NONE)			HM4-6617B (GEN)	658
5962-8954101CA	B	07/16/2007		(NONE)			SMP-11A (GEN)	818
5962-89541022A	B	07/16/2007		(NONE)	11/17/2007		SMP-11B (GEN)	818
5962-8954102CA	B	07/16/2007		(NONE)	11/17/2007		SMP-11B (GEN)	818
5962-8954103CA	B	07/16/2007		(NONE)			SMP-10A (GEN)	818
5962-89541042A	B	07/16/2007		(NONE)			SMP-10B (GEN)	818
5962-8954104CA	B	07/16/2007		(NONE)			SMP-10B (GEN)	818
5962-8954201GA	F	08/17/2018		(NONE)	04/16/2002		OP15A (GEN)	703
5962-8954201PA	F	08/17/2018		(NONE)	04/16/2002		OP15A (GEN)	703
5962-8954202GA	F	08/17/2018		(NONE)	04/14/2001		OP15B (GEN)	703
5962-8954203VGA	F	08/17/2018		(NONE)	04/16/2002		OP15A (GEN)	703
5962R8954203VGA	F	08/17/2018	1	ANALOG (4)		Y	OP15AJ/QMLR	703
5962-8954203VHA	F	08/17/2018		(NONE)	08/31/2011		OP15A (GEN)	703
5962R8954203VHA	F	08/17/2018	1	ANALOG (4)		Y	OP15AL/QMLR	703
5962-8954203VPA	F	08/17/2018		(NONE)	04/16/2002		OP15A (GEN)	703
5962R8954203VPA	F	08/17/2018	1	ANALOG (4)		Y	OP15AZ/QMLR	703
5962-8954301GA	D	08/14/2018		(NONE)	04/16/2002		OP16A (GEN)	703
5962-8954301PA	D	08/14/2018		(NONE)	04/16/2002		OP16A (GEN)	703
5962-8954302GA	D	08/14/2018		(NONE)	04/14/2001		OP16B (GEN)	703
5962-8954302PA	D	08/14/2018		(NONE)			OP16B (GEN)	703
5962-8954303GA	D	08/14/2018		(NONE)			OP16C (GEN)	703

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5962-8954303PA	D	08/14/2018		(NONE)	04/14/2001		OP16C (GEN)	703
5962-8954304VGA	D	08/14/2018		(NONE)	04/16/2002		OP16A (GEN)	703
5962R8954304VGA	D	08/14/2018	1	ANALOG (4)		Y	OP16AJ/QMLR	703
5962-8954304VPA	D	08/14/2018		(NONE)	04/16/2002		OP16A (GEN)	703
5962R8954304VPA	D	08/14/2018	1	ANALOG (4)		Y	OP16AZ/QMLR	703
5962-8954401GA	D	08/24/2018		(NONE)	04/16/2002		OP97A (GEN)	701
5962-8954401PA	D	08/24/2018	1	ANALOG (2)		Y	OP97AZ/883	701
5962-89545012A	B	06/06/2008		(NONE)			54F579 (GEN)	304
5962-8954501RA	B	06/06/2008		(NONE)			54F579 (GEN)	304
5962-8954501SA	B	06/06/2008		(NONE)			54F579 (GEN)	304
5962-89546013A	B	03/06/2018		(NONE)				431
5962-8954601XA	B	03/06/2018		(NONE)	05/31/1998		7C330-28 (GEN)	431
5962-8954601YA	B	03/06/2018		(NONE)				431
5962-89546023A	B	03/06/2018		(NONE)	05/31/1998		7C330-40 (GEN)	431
5962-8954602XA	B	03/06/2018		(NONE)	05/31/1998		7C330-40 (GEN)	431
5962-8954602YA	B	03/06/2018		(NONE)			7C330-40 (GEN)	431
5962-89546033A	B	03/06/2018		(NONE)	05/31/1998		7C330-50 (GEN)	431
5962-8954603XA	B	03/06/2018		(NONE)	05/31/1998		7C330-50 (GEN)	431
5962-8954603YA	B	03/06/2018		(NONE)	03/05/1996		7C330-50 (GEN)	431
5962-89547012A	J	11/21/2018		(NONE)	09/15/1995		54ACT11008 (GEN)	110
5962-8954701EA	J	11/21/2018		(NONE)	09/15/1995		54ACT11008 (GEN)	110
5962-89547022A	J	11/21/2018	3	E2V		Y	54ACTQ08LMQB	110
5962-89547022A	J	11/21/2018	3	ROCHESTER		Y	54ACTQ08/Q2A	110
5962-89547022A	J	11/21/2018	2	TI		Y	SNJ54ACT08FK	110
5962-8954702V2A	J	11/21/2018		(NONE)			54ACTQ08 (GEN)	110
5962R89547022A	J	11/21/2018		(NONE)			54ACTQ08 (GEN)	110
5962R8954702V2A	J	11/21/2018		(NONE)			54ACTQ08 (GEN)	110
5962-8954702CA	J	11/21/2018	3	E2V		Y	54ACTQ08DMQB	110
5962-8954702CA	J	11/21/2018	3	ROCHESTER		Y	54ACTQ08/QCA	110
5962-8954702CA	J	11/21/2018	2	TI		Y	SNJ54ACT08J	110
5962-8954702VCA	J	11/21/2018		(NONE)			54ACTQ08 (GEN)	110
5962R8954702CA	J	11/21/2018		(NONE)			54ACTQ08 (GEN)	110
5962R8954702VCA	J	11/21/2018		(NONE)			54ACTQ08 (GEN)	110
5962-8954702DA	J	11/21/2018	3	E2V		Y	54ACTQ08FMQB	110
5962-8954702DA	J	11/21/2018	3	ROCHESTER		Y	54ACTQ08/QDA	110
5962-8954702DA	J	11/21/2018	2	TI		Y	SNJ54ACT08W	110
5962-8954702VDA	J	11/21/2018		(NONE)			54ACTQ08 (GEN)	110
5962R8954702DA	J	11/21/2018		(NONE)			54ACTQ08 (GEN)	110
5962R8954702VDA	J	11/21/2018		(NONE)			54ACTQ08 (GEN)	110
5962F8954703V9A	J	11/21/2018	2	STMICRO		Y	ACT08DIE2V	110
5962F8954703CA	J	11/21/2018	2	STMICRO		Y	RHFACT08D04Q	110
5962F8954703CC	J	11/21/2018	2	STMICRO		Y	RHFACT08D03Q	110
5962F8954703VCA	J	11/21/2018	2	STMICRO		Y	RHFACT08D04V	110
5962F8954703VCC	J	11/21/2018	2	STMICRO		Y	RHFACT08D03V	110
5962-8954703VXA	J	11/21/2018		(NONE)			54ACT08 (GEN)	110
5962-8954703XA	J	11/21/2018		(NONE)			54ACT08 (GEN)	110
5962F8954703VXA	J	11/21/2018	2	STMICRO		Y	RHFACT08K02V	110
5962F8954703VXC	J	11/21/2018	2	STMICRO		Y	RHFACT08K01V	110
5962F8954703XA	J	11/21/2018	2	STMICRO		Y	RHFACT08K02Q	110



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5962F8954703XC	J	11/21/2018	2	STMICRO		Y RHFAC08K01Q		110
5962F8954703VYA	J	11/21/2018	2	STMICRO		Y RHFAC08K04V		110
5962F8954703VYC	J	11/21/2018	2	STMICRO		Y RHFAC08K03V		110
5962-89548012A	D	04/27/2015		(NONE)	07/02/2004		HA-5102 (GEN)	710
5962-8954801GC	D	04/27/2015		(NONE)	12/10/2015		HA-5102 (GEN)	710
5962-8954801PA	D	04/27/2015	1	RENESAS		Y HA7-5102		710
5962-89549013A		05/10/1989		(NONE)	08/04/1995		29818A (GEN)	249
5962-8954901KA		05/10/1989		(NONE)	08/04/1995		29818A (GEN)	249
5962-8954901LA		05/10/1989		(NONE)	08/04/1995		29818A (GEN)	249
5962-89550012A	J	10/25/2018	2	E2V		Y 54AC86LMQB		140
5962-89550012A	J	10/25/2018	2	ROCHESTER		Y 54AC86/Q2A		140
5962-89550012A	J	10/25/2018	2	TI		Y SNJ54AC86FK		140
5962F8955001V9A	J	10/25/2018	2	STMICRO		Y AC86DIE2V		140
5962-8955001CA	J	10/25/2018	2	E2V		Y 54AC86DMQB		140
5962-8955001CA	J	10/25/2018	2	ROCHESTER		Y 54AC86/QCA		140
5962-8955001CA	J	10/25/2018	2	TI		Y SNJ54AC86J		140
5962F8955001CA	J	10/25/2018	2	STMICRO		Y RHFAC86D04Q		140
5962F8955001CC	J	10/25/2018	2	STMICRO		Y RHFAC86D03Q		140
5962F8955001VCA	J	10/25/2018	2	STMICRO		Y RHFAC86D04V		140
5962F8955001VCC	J	10/25/2018	2	STMICRO		Y RHFAC86D03V		140
5962-8955001DA	J	10/25/2018	2	E2V		Y 54AC86FMQB		140
5962-8955001DA	J	10/25/2018	2	ROCHESTER		Y 54AC86/QDA		140
5962-8955001DA	J	10/25/2018	2	TI		Y SNJ54AC86W		140
5962-8955001VDA	J	10/25/2018		(NONE)		54AC86 (GEN)		140
5962-8955001VXA	J	10/25/2018	2	STMICRO		Y 54AC86K02V		140
5962-8955001VXC	J	10/25/2018	2	STMICRO		Y 54AC86K01V		140
5962-8955001XA	J	10/25/2018	2	STMICRO		Y 54AC86K02Q		140
5962-8955001XC	J	10/25/2018	2	STMICRO		Y 54AC86K01Q		140
5962F8955001VXA	J	10/25/2018	2	STMICRO		Y RHFAC86K02V		140
5962F8955001VXC	J	10/25/2018	2	STMICRO		Y RHFAC86K01V		140
5962F8955001XA	J	10/25/2018	2	STMICRO		Y RHFAC86K02Q		140
5962F8955001XC	J	10/25/2018	2	STMICRO		Y RHFAC86K01Q		140
5962F8955001VYA	J	10/25/2018	2	STMICRO		Y RHFAC86K04V		140
5962F8955001VYC	J	10/25/2018	2	STMICRO		Y RHFAC86K03V		140
5962-89551012A	C	07/24/2015	3	E2V		Y 54AC109LMQB		152
5962-89551012A	C	07/24/2015	3	ROCHESTER		Y 54AC109/Q2A		152
5962-8955101EA	C	07/24/2015	3	E2V		Y 54AC109DMQB		152
5962-8955101EA	C	07/24/2015	3	ROCHESTER		Y 54AC109/QEA		152
5962-8955101FA	C	07/24/2015	3	E2V		Y 54AC109FMQB		152
5962-8955101FA	C	07/24/2015	3	ROCHESTER		Y 54AC109/QFA		152
5962-8955101VXA	C	07/24/2015		(NONE)		54AC109 (GEN)		152
5962-8955101XA	C	07/24/2015		(NONE)		54AC109 (GEN)		152
5962-89552012A	C	07/19/2011	3	E2V		Y 54AC175LMQB		159
5962-89552012A	C	07/19/2011	3	ROCHESTER		Y 54AC175/Q2A		159
5962-8955201V2A	C	07/19/2011	3	ROCHESTER		Y 54AC175/V2A		159
5962R8955201V2A	C	07/19/2011	3	ROCHESTER		Y 54AC175/V2A-R		159
5962-8955201EA	C	07/19/2011	3	E2V		Y 54AC175DMQB		159
5962-8955201EA	C	07/19/2011	3	ROCHESTER		Y 54AC175/QEA		159
5962-8955201VEA	C	07/19/2011	3	ROCHESTER		Y 54AC175/VEA		159

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5962R8955201VEA	C	07/19/2011	3	ROCHESTER		Y 54AC175/VEA-R		159
5962-8955201FA	C	07/19/2011	3	E2V		Y 54AC175FMQB		159
5962-8955201FA	C	07/19/2011	3	ROCHESTER		Y 54AC175/QFA		159
5962-8955201VFA	C	07/19/2011	3	ROCHESTER		Y 54AC175/VFA		159
5962R8955201VFA	C	07/19/2011	3	ROCHESTER		Y 54AC175/VFA-R		159
5962-89553012A	C	04/23/2018		(NONE)	11/28/2015	54AS640 (GEN)		590
5962-8955301RA	C	04/23/2018	2	TI		SNJ54AS640J		590
5962-8955301SA	C	04/23/2018	2	TI		SNJ54AS640W		590
5962-89554012A	C	05/17/2018	1	ROCHESTER		54F21/B2A		114
5962-8955401CA	C	05/17/2018	1	ROCHESTER		54F21/BCA		114
5962-8955401DA	C	05/17/2018	1	ROCHESTER		54F21/BDA		114
5962-89555013A	C	05/07/2009		(NONE)	06/01/1997	54F544 (GEN)		590
5962-8955501KA	C	05/07/2009		(NONE)	09/01/1997	54F544 (GEN)		590
5962-8955501LA	C	05/07/2009		(NONE)	06/01/1997	54F544 (GEN)		590
5962-89556012A	C	05/25/2016	3	E2V		Y 54ACT563LMQB		341
5962-89556012A	C	05/25/2016	3	ROCHESTER		Y 54ACT563/Q2A		341
5962-8955601RA	C	05/25/2016	3	E2V		Y 54ACT563DMQB		341
5962-8955601RA	C	05/25/2016	3	ROCHESTER		Y 54ACT563/QRA		341
5962-8955601SA	C	05/25/2016	3	E2V		Y 54ACT563FMQB		341
5962-8955601SA	C	05/25/2016	3	ROCHESTER		Y 54ACT563/QSA		341
5962-89557012A	C	05/25/2016	3	E2V		Y 54ACT564LMQB		159
5962-89557012A	C	05/25/2016	3	ROCHESTER		Y 54ACT564/Q2A		159
5962-8955701RA	C	05/25/2016	3	E2V		Y 54ACT564DMQB		159
5962-8955701RA	C	05/25/2016	3	ROCHESTER		Y 54ACT564/QRA		159
5962-8955701SA	C	05/25/2016	3	E2V		Y 54ACT564FMQB		159
5962-8955701SA	C	05/25/2016	3	ROCHESTER		Y 54ACT564/QSA		159
5962-89558013A	C	05/22/2018	1	E2V		Y 54F652LMQB		590
5962-8955801KA	C	05/22/2018	1	E2V		Y 54F652FMQB		590
5962-8955801LA	C	05/22/2018	1	E2V		Y 54F652SDMQB		590
5962-8956001XA	B	01/18/2018		(NONE)		4461 (GEN)		629
5962-89561012A	E	01/29/2019	2	E2V		Y EV54AC161LMQB		304
5962-89561012A	E	01/29/2019	2	E2V		Y 54AC161LMQB		304
5962-8956101EA	E	01/29/2019	2	E2V		Y EV54AC161DMQB		304
5962-8956101EA	E	01/29/2019	2	E2V		Y 54AC161DMQB		304
5962F8956101EA	E	01/29/2019	2	STMICRO		Y RHFAC161D04Q		304
5962F8956101EC	E	01/29/2019	2	STMICRO		Y RHFAC161D03Q		304
5962F8956101VEA	E	01/29/2019	2	STMICRO		Y RHFAC161D04V		304
5962F8956101VEC	E	01/29/2019	2	STMICRO		Y RHFAC161D03V		304
5962-8956101FA	E	01/29/2019	2	E2V		Y EV54AC161FMQB		304
5962-8956101FA	E	01/29/2019	2	E2V		Y 54AC161FMQB		304
5962-8956101VXA	E	01/29/2019		(NONE)		54AC161 (GEN)		304
5962-8956101XA	E	01/29/2019		(NONE)		54AC161 (GEN)		304
5962F8956101VXA	E	01/29/2019	2	STMICRO		Y RHFAC161K02V		304
5962F8956101VXC	E	01/29/2019	2	STMICRO		Y RHFAC161K01V		304
5962F8956101XA	E	01/29/2019	2	STMICRO		Y RHFAC161K02Q		304
5962F8956101XC	E	01/29/2019	2	STMICRO		Y RHFAC161K01Q		304
5962F8956101VYA	E	01/29/2019	2	STMICRO		Y RHFAC161K04V		304
5962F8956101VYC	E	01/29/2019	2	STMICRO		Y RHFAC161K03V		304
5962-8956201GA	H	08/24/2018		(NONE)		LT1054 (GEN)		789



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5962-8956201PA	H	08/24/2018	1	MICROSS		Y	MTLT1054QD8	789
5962-8956201XA	H	08/24/2018	1	MICROSS		Y	MTLT1054QH	789
5962-8956301HXA	C	11/08/2011		(NONE)			MN5290 (GEN)	592
5962-8956302HXA	C	11/08/2011		(NONE)			MN5291 (GEN)	592
5962-8956401EA	B	08/02/2010		(NONE)	09/01/1997		604A (GEN)	820
5962-8956501XA	A	04/24/1991		(NONE)	09/01/2000		HS362 (GEN)	839
5962-8956601HCA	D	07/11/2006		(NONE)			HS9716 (GEN)	818
5962-8956601HXA	D	07/11/2006		(NONE)	09/01/2000		HS9716 (GEN)	818
5962-8956701XA	C	11/04/2015		(NONE)	10/29/2001		7203L120 (GEN)	670
5962-8956701YA	C	11/04/2015		(NONE)				670
5962-8956701ZA	C	11/04/2015		(NONE)	10/29/2001		7203L120 (GEN)	670
5962-8956702XA	C	11/04/2015		(NONE)	10/29/2001		7203L80 (GEN)	670
5962-8956702YA	C	11/04/2015		(NONE)				670
5962-8956702ZA	C	11/04/2015		(NONE)	10/29/2001		7203L80 (GEN)	670
5962-8956703XA	C	11/04/2015		(NONE)	10/29/2001		7203L65 (GEN)	670
5962-8956703YA	C	11/04/2015		(NONE)				670
5962-8956703ZA	C	11/04/2015		(NONE)	10/29/2001		7203L65 (GEN)	670
5962-8956704XA	C	11/04/2015		(NONE)	10/29/2001		7203L50 (GEN)	670
5962-8956704YA	C	11/04/2015		(NONE)				670
5962-8956704ZA	C	11/04/2015		(NONE)	10/29/2001		7203L50 (GEN)	670
5962-8956705XA	C	11/04/2015	1	IDT		Y	IDT7203L40DB	670
5962-8956705YA	C	11/04/2015		(NONE)				670
5962-8956705ZA	C	11/04/2015	1	IDT		Y	IDT7203L40LB	670
5962-8956801XA	M	03/10/2016		(NONE)	10/29/2001		7204L120 (GEN)	670
5962-8956801YA	M	03/10/2016		(NONE)	10/29/2001		7204L120 (GEN)	670
5962-8956801ZA	M	03/10/2016		(NONE)	10/29/2001		7204L120 (GEN)	670
5962-8956802XA	M	03/10/2016		(NONE)	10/29/2001		7204L80 (GEN)	670
5962-8956802YA	M	03/10/2016		(NONE)	10/29/2001		7204L80 (GEN)	670
5962-8956802ZA	M	03/10/2016		(NONE)	10/29/2001		7204L80 (GEN)	670
5962-8956803XA	M	03/10/2016		(NONE)	10/29/2001		7204L65 (GEN)	670
5962-8956803YA	M	03/10/2016		(NONE)	10/29/2001		7204L65 (GEN)	670
5962-8956803ZA	M	03/10/2016		(NONE)	10/29/2001		7204L65 (GEN)	670
5962-8956804QNC	M	03/10/2016		(NONE)			7204-50 (GEN)	670
5962-8956804VNC	M	03/10/2016		(NONE)			7204-50 (GEN)	670
5962-8956804QTC	M	03/10/2016		(NONE)			7204-50 (GEN)	670
5962-8956804VTC	M	03/10/2016		(NONE)			7204-50 (GEN)	670
5962-8956804QUC	M	03/10/2016		(NONE)			7204-50 (GEN)	670
5962-8956804UA	M	03/10/2016		(NONE)	10/29/2001		7204L50 (GEN)	670
5962-8956804VUC	M	03/10/2016		(NONE)			7204-50 (GEN)	670
5962-8956804XA	M	03/10/2016	2	IDT		Y	IDT7204L50DB	670
5962-8956804QYC	M	03/10/2016		(NONE)			7204-50 (GEN)	670
5962-8956804VYC	M	03/10/2016		(NONE)			7204-50 (GEN)	670
5962-8956804YA	M	03/10/2016		(NONE)	10/29/2001		7204L50 (GEN)	670
5962-8956804ZA	M	03/10/2016		(NONE)	10/29/2001		7204L50 (GEN)	670
5962-8956805QNC	M	03/10/2016		(NONE)			7204-40 (GEN)	670
5962-8956805VNC	M	03/10/2016		(NONE)			7204-40 (GEN)	670
5962-8956805QTC	M	03/10/2016		(NONE)			7204-40 (GEN)	670
5962-8956805VTC	M	03/10/2016		(NONE)			7204-40 (GEN)	670
5962-8956805QUC	M	03/10/2016		(NONE)			7204-40 (GEN)	670

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5962-8956805UA	M	03/10/2016		(NONE)	10/29/2001		7204L40 (GEN)	670
5962-8956805VUC	M	03/10/2016		(NONE)			7204-40 (GEN)	670
5962-8956805XA	M	03/10/2016		(NONE)	10/29/2001		7204L40 (GEN)	670
5962-8956805QYC	M	03/10/2016		(NONE)			7204-40 (GEN)	670
5962-8956805VYC	M	03/10/2016		(NONE)			7204-40 (GEN)	670
5962-8956805YA	M	03/10/2016		(NONE)	10/29/2001		7204L40 (GEN)	670
5962-8956805ZA	M	03/10/2016		(NONE)	10/29/2001		7204L40 (GEN)	670
5962-8956806QNC	M	03/10/2016	1	ATMEL NANTES		Y	MMDP-67204FV-30MQ	670
5962-8956806VNC	M	03/10/2016	1	ATMEL NANTES		Y	SMDP-67204FV-30SV	670
5962D8956806VNC	M	03/10/2016	1	ATMEL NANTES		Y	SMDP-67204FV-30SR	670
5962-8956806QTC	M	03/10/2016	1	ATMEL NANTES		Y	MMCP-67204FV-30MQ	670
5962-8956806VTC	M	03/10/2016	1	ATMEL NANTES		Y	SMCP-67204FV-30SV	670
5962D8956806VTC	M	03/10/2016	1	ATMEL NANTES		Y	SMCP-67204FV-30SR	670
5962-8956806QUC	M	03/10/2016		(NONE)			7204-30 (GEN)	670
5962-8956806UA	M	03/10/2016	1	IDT		Y	IDT7204L30TDB	670
5962-8956806VUC	M	03/10/2016		(NONE)			7204-30 (GEN)	670
5962-8956806XA	M	03/10/2016	2	IDT		Y	IDT7204L30DB	670
5962-8956806QYC	M	03/10/2016		(NONE)			7204-30 (GEN)	670
5962-8956806VYC	M	03/10/2016		(NONE)			7204-30 (GEN)	670
5962-8956806YA	M	03/10/2016		(NONE)	10/29/2001		7204L30 (GEN)	670
5962-8956806ZA	M	03/10/2016	2	IDT		Y	IDT7204L30LB	670
5962-8956807UA	M	03/10/2016	1	IDT		Y	IDT7204L20TDB	670
5962-8956807XA	M	03/10/2016	2	IDT		Y	IDT7204L20DB	670
5962-8956807YA	M	03/10/2016		(NONE)	10/29/2001		7204L20 (GEN)	670
5962-8956807ZA	M	03/10/2016	2	IDT		Y	IDT7204L20LB	670
5962-8956808QNC	M	03/10/2016	1	ATMEL NANTES		Y	MMDP-67204FV-15MQ	670
5962-8956808VNC	M	03/10/2016	1	ATMEL NANTES		Y	SMDP-67204FV-15SV	670
5962D8956808VNC	M	03/10/2016	1	ATMEL NANTES		Y	SMDP-67204FV-15SR	670
5962-8956808QTC	M	03/10/2016	1	ATMEL NANTES		Y	MMCP-67204FV-15MQ	670
5962-8956808VTC	M	03/10/2016	1	ATMEL NANTES		Y	SMCP-67204FV-15SV	670
5962D8956808VTC	M	03/10/2016	1	ATMEL NANTES		Y	SMCP-67204FV-15SR	670
5962-8956808QUC	M	03/10/2016		(NONE)			7204-15 (GEN)	670
5962-8956808VUC	M	03/10/2016		(NONE)			7204-15 (GEN)	670
5962-8956808QYC	M	03/10/2016		(NONE)			7204-15 (GEN)	670
5962-8956808VYC	M	03/10/2016		(NONE)			7204-15 (GEN)	670
5962-8956809QNC	M	03/10/2016	1	ATMEL NANTES		Y	MMDP-67204HV-30MQ	670
5962-8956809VNC	M	03/10/2016	1	ATMEL NANTES		Y	SMDP-67204HV-30SV	670
5962D8956809VNC	M	03/10/2016	1	ATMEL NANTES		Y	SMDP-67204HV-30SR	670
5962-8956809QTC	M	03/10/2016	1	ATMEL NANTES		Y	MMCP-67204HV-30MQ	670
5962-8956809VTC	M	03/10/2016	1	ATMEL NANTES		Y	SMCP-67204HV-30SV	670
5962D8956809VTC	M	03/10/2016	1	ATMEL NANTES		Y	SMCP-67204HV-30SR	670
5962-8956810QNC	M	03/10/2016	1	ATMEL NANTES		Y	MMDP-67204HV-25MQ	670
5962-8956810VNC	M	03/10/2016	1	ATMEL NANTES		Y	SMDP-67204HV-25SV	670
5962D8956810VNC	M	03/10/2016	1	ATMEL NANTES		Y	SMDP-67204HV-25SR	670
5962-8956810QTC	M	03/10/2016	1	ATMEL NANTES		Y	MMCP-67204HV-25MQ	670
5962-8956810VTC	M	03/10/2016	1	ATMEL NANTES		Y	SMCP-67204HV-25SV	670
5962D8956810VTC	M	03/10/2016	1	ATMEL NANTES		Y	SMCP-67204HV-25SR	670
5962-8956901HXA	D	11/08/2011		(NONE)			MN5295	592
5962-8957001PA	J	07/07/2017	2	AVAGO		Y	HCPL-5401#200	460

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5962-8957001PC	J	07/07/2017	2	AVAGO		Y HCPL-5401		460
5962-8957001XA	J	07/07/2017	2	AVAGO		Y HCPL-5401#300		460
5962-8957001YA	J	07/07/2017	2	AVAGO		Y HCPL-5401#100		460
5962-8957001YC	J	07/07/2017	2	AVAGO		Y HCPL-5401#100		460
5962-8957002KPA	J	07/07/2017	2	AVAGO		Y HCPL-540K#200		460
5962-8957002KPC	J	07/07/2017	2	AVAGO		Y HCPL-540K		460
5962-8957002KXA	J	07/07/2017	2	AVAGO		Y HCPL-540K#300		460
5962-8957002KYA	J	07/07/2017	2	AVAGO		Y HCPL-540K#100		460
5962-8957002KYC	J	07/07/2017	2	AVAGO		Y HCPL-540K#100		460
5962-8957101PA	H	07/07/2017	3	AVAGO		Y HCPL-5431#200		460
5962-8957101PC	H	07/07/2017	3	AVAGO		Y HCPL-5431		460
5962-8957101XA	H	07/07/2017	3	AVAGO		Y HCPL-5431#300		460
5962-8957101YA	H	07/07/2017	3	AVAGO		Y HCPL-5431#100		460
5962-8957101YC	H	07/07/2017	3	AVAGO		Y HCPL-5431#100		460
5962-89571022A	H	07/07/2017	3	AVAGO		Y HCPL-6431		460
5962-8957103KPA	H	07/07/2017	3	AVAGO		Y HCPL-543K#200		460
5962-8957103KPC	H	07/07/2017	3	AVAGO		Y HCPL-543K		460
5962-8957103KXA	H	07/07/2017	3	AVAGO		Y HCPL-543K#300		460
5962-8957103KYA	H	07/07/2017	3	AVAGO		Y HCPL-543K#100		460
5962-8957103KYC	H	07/07/2017	3	AVAGO		Y HCPL-543K#100		460
5962-8957104K2A	H	07/07/2017	3	AVAGO		Y HCPL-643K		460
5962-8957201EA	G	11/24/2014	1	AVAGO		Y HCPL-1931#200		460
5962-8957201EC	G	11/24/2014	1	AVAGO		Y HCPL-1931		460
5962-8957201XA	G	11/24/2014	1	AVAGO		Y HCPL-1931#300		460
5962-8957201YA	G	11/24/2014	1	AVAGO		Y HCPL-1931#100		460
5962-8957201YC	G	11/24/2014	1	AVAGO		Y HCPL-1931#100		460
5962-8957202KEA	G	11/24/2014	1	AVAGO		Y HCPL-193K#200		460
5962-8957202KEC	G	11/24/2014	1	AVAGO		Y HCPL-193K		460
5962-8957202KXA	G	11/24/2014	1	AVAGO		Y HCPL-193K#300		460
5962-8957202KYA	G	11/24/2014	1	AVAGO		Y HCPL-193K#100		460
5962-8957202KYC	G	11/24/2014	1	AVAGO		Y HCPL-193K#100		460
5962-89573012A	E	11/03/2014	1	E2V		Y 54F299LMQB		228
5962-89573012A	E	11/03/2014	1	ROCHESTER		Y 54F299/B2A		228
5962-8957301RA	E	11/03/2014	1	E2V		Y 54F299DMQB		228
5962-8957301RA	E	11/03/2014	1	ROCHESTER		Y 54F299/BRA		228
5962-8957301SA	E	11/03/2014	1	E2V		Y 54F299FMQB		228
5962-8957301SA	E	11/03/2014	1	ROCHESTER		Y 54F299/BSA		228
5962-89574012A	B	08/06/2007		(NONE)	12/31/2001	54ALS165 (GEN)		225
5962-8957401EA	B	08/06/2007		(NONE)	12/31/2001	54ALS165 (GEN)		225
5962-8957401FA	B	08/06/2007		(NONE)	12/31/2001	54ALS165 (GEN)		225
5962-8957501XA	D	09/24/2013	1	COBHAM		Y UT1760ARTSGA		599
5962-8957501XC	D	09/24/2013	1	COBHAM		Y UT1760ARTSGC		599
5962-8957501YA	D	09/24/2013		(NONE)		UT1760ARTS (GEN)		599
5962-8957501ZA	D	09/24/2013		(NONE)		UT1760ARTS (GEN)		599
5962-8957601XA	D	10/23/2013		(NONE)	03/31/2012	UT1553BRTR (GEN)		590
5962-8957601YA	D	10/23/2013	1	COBHAM		Y UT1553BRTRWA		590
5962-8957601YC	D	10/23/2013	1	COBHAM		Y UT1553BRTRWC		590
5962-8957601ZA	D	10/23/2013	1	COBHAM		Y UT1553BRTRAA		590
5962-8957601ZC	D	10/23/2013	1	COBHAM		Y UT1553BRTRAC		590

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5962-8957701Q9A	K	06/25/2013		(NONE)			UT1553BCRTM (GEN)	420
5962-8957701V9A	K	06/25/2013		(NONE)			UT1553BCRTM (GEN)	420
5962H8957701Q9B	K	06/25/2013		(NONE)			UT1553BCRTM (GEN)	420
5962H8957701V9B	K	06/25/2013		(NONE)			UT1553BCRTM (GEN)	420
5962-8957701QUA	K	06/25/2013	1C	COBHAM		Y	UT1553B/BCRTMBWCA	420
5962-8957701QUC	K	06/25/2013	1C	COBHAM		Y	UT1553B/BCRTMBWCC	420
5962-8957701QXA	K	06/25/2013	1C	COBHAM		Y	UT1553B/BCRTMBGCA	420
5962-8957701QXC	K	06/25/2013	1C	COBHAM		Y	UT1553B/BCRTMBGCC	420
5962-8957701XA	K	06/25/2013		(NONE)			UT1553BCRTM (GEN)	420
5962H8957701VXA	K	06/25/2013		(NONE)			UT1553BCRTM (GEN)	420
5962H8957701XA	K	06/25/2013		(NONE)			UT1553BCRTM (GEN)	420
5962-8957701QYA	K	06/25/2013	1C	COBHAM		Y	UT1553B/BCRTMBWCA	420
5962-8957701QYC	K	06/25/2013	1C	COBHAM		Y	UT1553B/BCRTMBWCC	420
5962-8957701YA	K	06/25/2013		(NONE)			UT1553BCRTM (GEN)	420
5962H8957701VYA	K	06/25/2013		(NONE)			UT1553BCRTM (GEN)	420
5962H8957701YA	K	06/25/2013		(NONE)			UT1553BCRTM (GEN)	420
5962-8957701ZA	K	06/25/2013		(NONE)			UT1553BCRTM (GEN)	420
5962H8957701VZA	K	06/25/2013		(NONE)			UT1553BCRTM (GEN)	420
5962H8957701ZA	K	06/25/2013		(NONE)			UT1553BCRTM (GEN)	420
5962-8957702Q9A	K	06/25/2013	1C	COBHAM		Y	UT1553B/BCRTMB-QDIE	420
5962-89581012A	G	01/28/2014		(NONE)	04/30/2003		REF01A (GEN)	785
5962-8958101V2A	G	01/28/2014		(NONE)	04/30/2003		REF01A (GEN)	785
5962R8958101V2A	G	01/28/2014	2	ANALOG (4)		Y	REF01ARC/QMLR	785
5962-8958101GA	G	01/28/2014		(NONE)	04/30/2003		REF01A (GEN)	785
5962-8958101VGA	G	01/28/2014		(NONE)	04/30/2003		REF01A (GEN)	785
5962R8958101VGA	G	01/28/2014	2	ANALOG (4)		Y	REF01AJ/QMLR	785
5962-8958101VHA	G	01/28/2014		(NONE)	08/31/2011		REF01A (GEN)	785
5962R8958101VHA	G	01/28/2014	2	ANALOG (4)		Y	REF01AL/QMLR	785
5962-8958101PA	G	01/28/2014	2	ANALOG (2)		Y	REF01AZ/883C	785
5962-8958101VPA	G	01/28/2014		(NONE)	04/01/2014		REF01A (GEN)	785
5962R8958101VPA	G	01/28/2014	2	ANALOG (4)		Y	REF01AZ/QMLR	785
5962-89581022A	G	01/28/2014		(NONE)	04/30/2003		REF01 (GEN)	785
5962-8958102GA	G	01/28/2014		(NONE)	04/14/2001		REF01 (GEN)	785
5962-8958102PA	G	01/28/2014		(NONE)	04/14/2001		REF01 (GEN)	785
5962-89581032C	G	01/28/2014		(NONE)			REF01A (GEN)	785
5962-8958103GC	G	01/28/2014		(NONE)			REF01A (GEN)	785
5962-8958103PA	G	01/28/2014		(NONE)			REF01A (GEN)	785
5962-89581042C	G	01/28/2014		(NONE)			REF01 (GEN)	785
5962-8958104GC	G	01/28/2014		(NONE)			REF01 (GEN)	785
5962-8958104PA	G	01/28/2014		(NONE)			REF01 (GEN)	785
5962L8958105VHA	G	01/28/2014	2	ANALOG (4)		Y	REF01AL/QMLL	785
5962-89582012A	C	07/29/2015	2	E2V		Y	54AC163LMQB	304
5962-8958201EA	C	07/29/2015	2	E2V		Y	54AC163DMQB	304
5962-8958201FA	C	07/29/2015	2	E2V		Y	54AC163FMQB	304
5962-8958201VXA	C	07/29/2015		(NONE)			54AC163 (GEN)	304
5962-8958201XA	C	07/29/2015		(NONE)			54AC163 (GEN)	304
5962-8958301XA	E	02/12/2015		(NONE)			MN5200 (GEN)	592
5962-8958301YA	E	02/12/2015		(NONE)			MN5200 (GEN)	592
5962-8958302XA	E	02/12/2015		(NONE)			MN5203 (GEN)	592

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5962-8958302YA	E	02/12/2015		(NONE)			MN5203 (GEN)	592
5962-8958303XA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5201MXA	592
5962-8958303XC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5201MXC	592
5962-8958303YA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5201MYA	592
5962-8958303YC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5201MYC	592
5962-8958304XA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5204MXA	592
5962-8958304XC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5204MXC	592
5962-8958304YA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5204MYA	592
5962-8958304YC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5204MYC	592
5962-8958305XA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5202MXA	592
5962-8958305XC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5202MXC	592
5962-8958305YA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5202MYA	592
5962-8958305YC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5202MYC	592
5962-8958306XA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5205MXA	592
5962-8958306XC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5205MXC	592
5962-8958306YA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5205MYA	592
5962-8958306YC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5205MYC	592
5962-8958307XA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5206MXA	592
5962-8958307XC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5206MXC	592
5962-8958307YA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5206MYA	592
5962-8958307YC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5206MYC	592
5962-8958401XA	E	02/12/2015		(NONE)			MN5210 (GEN)	592
5962-8958401YA	E	02/12/2015		(NONE)			MN5210 (GEN)	592
5962-8958402XA	E	02/12/2015		(NONE)			MN5213 (GEN)	592
5962-8958402YA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5213MYA	592
5962-8958402YC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5213MYC	592
5962-8958403XA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5211MXA	592
5962-8958403XC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5211MXC	592
5962-8958403YA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5211MYA	592
5962-8958403YC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5211MYC	592
5962-8958404XA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5214MXA	592
5962-8958404XC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5214MXC	592
5962-8958404YA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5214MYA	592
5962-8958404YC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5214MYC	592
5962-8958405XA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5212MXA	592
5962-8958405XC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5212MXC	592
5962-8958405YA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5212MYA	592
5962-8958405YC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5212MYC	592
5962-8958406XA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5215MXA	592
5962-8958406XC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5215MXC	592
5962-8958406YA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5215MYA	592
5962-8958406YC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5215MYC	592
5962-8958407XA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5216MXA	592
5962-8958407XC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5216MXC	592
5962-8958407YA	E	02/12/2015	1	SPECTRUM (2)		Y	MN5216MYA	592
5962-8958407YC	E	02/12/2015	1	SPECTRUM (2)		Y	MN5216MYC	592
5962-8958601GA	E	09/13/2018	1	ROCHESTER		Y	LM1578H/883	786
5962-8958602GA	E	09/13/2018	1	ROCHESTER		Y	LM1578AH/883	786
5962-8958701EA	L	03/01/2018		(NONE)	12/03/2008		LM2940-5.0 (GEN)	782



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5962-8958701MA	L	03/01/2018		(NONE)			OM2940-5 (GEN)	782
5962-8958701NA	L	03/01/2018		(NONE)			OM2940-5 (GEN)	782
5962-8958701UA	L	03/01/2018		(NONE)			LM2940-5.0 (GEN)	782
5962-8958701XA	L	03/01/2018		(NONE)	06/24/2011		LM2940-5.0 (GEN)	782
5962-8958701YA	L	03/01/2018		(NONE)	09/09/1999		LM2940-5.0 (GEN)	782
5962R8958702V9A	L	03/01/2018	3A	TI		Y	LM2940-5.0 MDE	782
5962R8958702VXA	L	03/01/2018		(NONE)	06/24/2011		LM2940-5.0 (GEN)	782
5962-8958703XA	L	03/01/2018	3A	TI		Y	LM2940GW-5.0/883	782
5962R8958704VXA	L	03/01/2018	3A	TI		Y	LM2940GW-5.0RLQV	782
5962-8958801GA	A	04/21/2006		(NONE)	09/04/2001		LM105 (GEN)	780
5962-8958901CA	D	08/17/2018	1	ROCHESTER		Y	LM107J-14/883	701
5962-8958901GA	D	08/17/2018	1	ROCHESTER		Y	LM107H/883	701
5962-8958901PA	D	08/17/2018	1	ROCHESTER		Y	LM107J/883	701
5962-8959001PA	C	08/17/2017		(NONE)	04/07/2000		24C04 (GEN)	656
5962-8959201XA	F	03/17/2015		(NONE)			ARX3407 (GEN)	590
5962-8959201YA	F	03/17/2015		(NONE)			ARX3407 (GEN)	590
5962-8959202XA	F	03/17/2015		(NONE)			ARX3404 (GEN)	590
5962-8959202YA	F	03/17/2015		(NONE)			ARX3404 (GEN)	590
5962-8959203XA	F	03/17/2015		(NONE)			ARX3407 (GEN)	590
5962-8959203YA	F	03/17/2015		(NONE)			ARX3407 (GEN)	590
5962-8959204XA	F	03/17/2015		(NONE)			ARX3404 (GEN)	590
5962-8959204YA	F	03/17/2015		(NONE)			ARX3404 (GEN)	590
5962-8959205XA	F	03/17/2015		(NONE)			ARX3467 (GEN)	590
5962-8959205YA	F	03/17/2015		(NONE)			ARX3467 (GEN)	590
5962-8959206XA	F	03/17/2015		(NONE)			ARX3464 (GEN)	590
5962-8959206YA	F	03/17/2015		(NONE)			ARX3464 (GEN)	590
5962-8959207XA	F	03/17/2015	1	AEROFLEX		Y	ACT4406N-001-2	590
5962-8959207XC	F	03/17/2015	1	AEROFLEX		Y	ACT4406N-001-1	590
5962-8959207YA	F	03/17/2015	1	AEROFLEX		Y	ACT4406N-201-2	590
5962-8959207YC	F	03/17/2015	1	AEROFLEX		Y	ACT4406N-201-1	590
5962-8959208XA	F	03/17/2015	1	AEROFLEX		Y	ACT4404N-001-2	590
5962-8959208XC	F	03/17/2015	1	AEROFLEX		Y	ACT4404N-001-1	590
5962-8959208YA	F	03/17/2015	1	AEROFLEX		Y	ACT4404N-201-2	590
5962-8959208YC	F	03/17/2015	1	AEROFLEX		Y	ACT4404N-201-1	590
5962-8959301YA	D	09/26/1995		(NONE)	12/24/1997		8238016 (GEN)	423
5962-8959301ZA	D	09/26/1995		(NONE)	12/24/1997		8238016 (GEN)	423
5962-8959302YA	D	09/26/1995		(NONE)	12/24/1997		8238020 (GEN)	423
5962-8959302ZA	D	09/26/1995		(NONE)	12/24/1997		8238020 (GEN)	423
5962-8959303YA	D	09/26/1995		(NONE)	12/24/1997		8238025 (GEN)	423
5962-8959303ZA	D	09/26/1995		(NONE)	12/24/1997		8238025 (GEN)	423
5962-8959401XA	C	06/07/2000		(NONE)	09/27/2002		CLC231A (GEN)	701
5962-8959501XA	B	07/29/2005		(NONE)			MN5245 (GEN)	592
5962-8959501YA	B	07/29/2005		(NONE)			MN5245 (GEN)	592
5962-8959502XA	B	07/29/2005		(NONE)			MN5245A (GEN)	592
5962-8959502YA	B	07/29/2005		(NONE)			MN5245A (GEN)	592
5962-8959503XA	B	07/29/2005		(NONE)			MN5246 (GEN)	592
5962-8959503YA	B	07/29/2005		(NONE)			MN5246 (GEN)	592
5962-8959504XA	B	07/29/2005		(NONE)			MN5246A (GEN)	592
5962-8959504YA	B	07/29/2005		(NONE)			MN5246A (GEN)	592

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5962-8959601YA	E	05/05/2009	1	ROCHESTER		Y	MQ8097BH/BYA	420
5962-8959601YC	E	05/05/2009	1	ROCHESTER		Y	MQ8097BH/BYC	420
5962-8959601ZA	E	05/05/2009	1	ROCHESTER		Y	MG8097BH/BZA	420
5962-8959601ZC	E	05/05/2009	1	ROCHESTER		Y	MG8097BH/BZC	420
5962-8959801M8A	T	06/25/2014		(NONE)				625
5962-8959801M9A	T	06/25/2014		(NONE)				625
5962-8959801MNA	T	06/25/2014		(NONE)			L7C108-120 (GEN)	625
5962-8959801MTA	T	06/25/2014		(NONE)			L7C108-120 (GEN)	625
5962-8959801MUA	T	06/25/2014		(NONE)				625
5962-8959801MXA	T	06/25/2014		(NONE)				625
5962-8959801MYA	T	06/25/2014		(NONE)			L7C108-120 (GEN)	625
5962-8959801MZA	T	06/25/2014		(NONE)			L7C108-120 (GEN)	625
5962-8959802M8A	T	06/25/2014		(NONE)				625
5962-8959802M9A	T	06/25/2014		(NONE)				625
5962-8959802MNA	T	06/25/2014		(NONE)			L7C108-100 (GEN)	625
5962-8959802MTA	T	06/25/2014		(NONE)			L7C108-100 (GEN)	625
5962-8959802MUA	T	06/25/2014		(NONE)				625
5962-8959802MXA	T	06/25/2014		(NONE)				625
5962-8959802MYA	T	06/25/2014		(NONE)			L7C108-100 (GEN)	625
5962-8959802MZA	T	06/25/2014		(NONE)			L7C108-100 (GEN)	625
5962-8959803M8A	T	06/25/2014		(NONE)				625
5962-8959803M9A	T	06/25/2014		(NONE)				625
5962-8959803MNA	T	06/25/2014		(NONE)			L7C108-85 (GEN)	625
5962-8959803MTA	T	06/25/2014		(NONE)			L7C108-85 (GEN)	625
5962-8959803MUA	T	06/25/2014		(NONE)				625
5962-8959803MXA	T	06/25/2014		(NONE)				625
5962-8959803MYA	T	06/25/2014		(NONE)			L7C108-85 (GEN)	625
5962-8959803MZA	T	06/25/2014		(NONE)			L7C108-85 (GEN)	625
5962-8959804M8A	T	06/25/2014		(NONE)				625
5962-8959804M9A	T	06/25/2014		(NONE)				625
5962-8959804MNA	T	06/25/2014		(NONE)			L7C108-70 (GEN)	625
5962-8959804MTA	T	06/25/2014		(NONE)			L7C108-70 (GEN)	625
5962-8959804MUA	T	06/25/2014		(NONE)				625
5962-8959804MXA	T	06/25/2014		(NONE)				625
5962-8959804MYA	T	06/25/2014		(NONE)			L7C108-70 (GEN)	625
5962-8959804MZA	T	06/25/2014		(NONE)			L7C108-70 (GEN)	625
5962-8959805M7A	T	06/25/2014	1	MICROSS		Y	MT5C1009DCJ-120L	625
5962-8959805M8A	T	06/25/2014	1	MERCURY		Y	EDI88128LPS120ZB	625
5962-8959805M9A	T	06/25/2014		(NONE)				625
5962-8959805MMA	T	06/25/2014	1	MICROSS		Y	MT5C1009ECA-120L	625
5962-8959805MNA	T	06/25/2014		(NONE)			L7C108-120 (GEN)	625
5962-8959805BTA	T	06/25/2014		(NONE)				625
5962-8959805MTA	T	06/25/2014	1	MERCURY		Y	EDI88128LPS120FB	625
5962-8959805MTA	T	06/25/2014	1	MICROSS		Y	MT5C1009F-120L	625
5962-8959805BUA	T	06/25/2014		(NONE)				625
5962-8959805MUA	T	06/25/2014	1	MERCURY		Y	EDI88128LPS120LB	625
5962-8959805MUA	T	06/25/2014	1	MICROSS		Y	MT5C1009EC-120L	625
5962-8959805MUA	T	06/25/2014	1	PYRAMID		Y	P4C1023L-120L1MB	625
5962-8959805BXA	T	06/25/2014		(NONE)				625

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959805MXA	T	06/25/2014	1	MERCURY		Y EDI88128LPS120CB		625
5962-8959805MXA	T	06/25/2014	1	MICROSS		Y MT5C1009CW-120L		625
5962-8959805MYA	T	06/25/2014	1	MERCURY		Y EDI88128LPS120NB		625
5962-8959805MYA	T	06/25/2014	1	MICROSS		Y MT5C1009SOJ-120L		625
5962-8959805BZA	T	06/25/2014		(NONE)				625
5962-8959805MZA	T	06/25/2014	1	MERCURY		Y EDI88128LPS120TB		625
5962-8959805MZA	T	06/25/2014	1	MICROSS		Y MT5C1009C-120L		625
5962-8959805MZA	T	06/25/2014	1	PYRAMID		Y P4C1023L-120C4MB		625
5962-8959806M7A	T	06/25/2014	1	MICROSS		Y MT5C1009DCJ-100L		625
5962-8959806M8A	T	06/25/2014	1	MERCURY		Y EDI88128LPS100ZB		625
5962-8959806M9A	T	06/25/2014		(NONE)				625
5962-8959806MMA	T	06/25/2014	1	MICROSS		Y MT5C1009ECA-100L		625
5962-8959806MNA	T	06/25/2014		(NONE)		L7C108-100 (GEN)		625
5962-8959806BTA	T	06/25/2014		(NONE)				625
5962-8959806MTA	T	06/25/2014	1	MERCURY		Y EDI88128LPS100FB		625
5962-8959806MTA	T	06/25/2014	1	MICROSS		Y MT5C1009F-100L		625
5962-8959806BUA	T	06/25/2014		(NONE)				625
5962-8959806MUA	T	06/25/2014	1	MERCURY		Y EDI88128LPS100LB		625
5962-8959806MUA	T	06/25/2014	1	MICROSS		Y MT5C1009EC-100L		625
5962-8959806MUA	T	06/25/2014	1	PYRAMID		Y P4C1023L-100L1MB		625
5962-8959806BXA	T	06/25/2014		(NONE)				625
5962-8959806MXA	T	06/25/2014	1	MERCURY		Y EDI88128LPS100CB		625
5962-8959806MXA	T	06/25/2014	1	MICROSS		Y MT5C1009CW-100L		625
5962-8959806MYA	T	06/25/2014	1	MERCURY		Y EDI88128LPS100NB		625
5962-8959806MYA	T	06/25/2014	1	MICROSS		Y MT5C1009SOJ-100L		625
5962-8959806BZA	T	06/25/2014		(NONE)				625
5962-8959806MZA	T	06/25/2014	1	MERCURY		Y EDI88128LPS100TB		625
5962-8959806MZA	T	06/25/2014	1	MICROSS		Y MT5C1009C-100L		625
5962-8959806MZA	T	06/25/2014	1	PYRAMID		Y P4C1023L-100C4MB		625
5962-8959807M7A	T	06/25/2014	1	MICROSS		Y MT5C1009DCJ-85L		625
5962-8959807M8A	T	06/25/2014	1	MERCURY		Y EDI88128LPS85ZB		625
5962-8959807M9A	T	06/25/2014		(NONE)				625
5962-8959807MMA	T	06/25/2014	1	MICROSS		Y MT5C1009ECA-85L		625
5962-8959807MNA	T	06/25/2014		(NONE)		L7C108-85 (GEN)		625
5962-8959807BTA	T	06/25/2014		(NONE)				625
5962-8959807MTA	T	06/25/2014	1	MERCURY		Y EDI88128LPS85FB		625
5962-8959807MTA	T	06/25/2014	1	MICROSS		Y MT5C1009F-85L		625
5962-8959807BUA	T	06/25/2014		(NONE)				625
5962-8959807MUA	T	06/25/2014	1	MERCURY		Y EDI88128LPS85LB		625
5962-8959807MUA	T	06/25/2014	1	MICROSS		Y MT5C1009EC-85L		625
5962-8959807MUA	T	06/25/2014	1	PYRAMID		Y P4C1023L-85L1MB		625
5962-8959807BXA	T	06/25/2014		(NONE)				625
5962-8959807MXA	T	06/25/2014	1	MERCURY		Y EDI88128LPS85CB		625
5962-8959807MXA	T	06/25/2014	1	MICROSS		Y MT5C1009CW-85L		625
5962-8959807MYA	T	06/25/2014	1	MERCURY		Y EDI88128LPS85NB		625
5962-8959807MYA	T	06/25/2014	1	MICROSS		Y MT5C1009SOJ-85L		625
5962-8959807BZA	T	06/25/2014		(NONE)				625
5962-8959807MZA	T	06/25/2014	1	MERCURY		Y EDI88128LPS85TB		625
5962-8959807MZA	T	06/25/2014	1	MICROSS		Y MT5C1009C-85L		625

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959807MZA	T	06/25/2014	1	PYRAMID		Y P4C1023L-85C4MB		625
5962-8959808M7A	T	06/25/2014	1	MICROSS		Y MT5C1009DCJ-70L		625
5962-8959808M8A	T	06/25/2014	1	MERCURY		Y EDI88128LPS70ZB		625
5962-8959808M9A	T	06/25/2014		(NONE)				625
5962-8959808MMA	T	06/25/2014	1	MICROSS		Y MT5C1009ECA-70L		625
5962-8959808MNA	T	06/25/2014		(NONE)		L7C108-70 (GEN)		625
5962-8959808BTA	T	06/25/2014		(NONE)				625
5962-8959808MTA	T	06/25/2014	1	MERCURY		Y EDI88128LPS70FB		625
5962-8959808MTA	T	06/25/2014	1	MICROSS		Y MT5C1009F-70L		625
5962-8959808BUA	T	06/25/2014		(NONE)				625
5962-8959808MUA	T	06/25/2014	1	MERCURY		Y EDI88128LPS70LB		625
5962-8959808MUA	T	06/25/2014	1	MICROSS		Y MT5C1009EC-70L		625
5962-8959808MUA	T	06/25/2014	1	PYRAMID		Y P4C1023L-70L1MB		625
5962-8959808BXA	T	06/25/2014		(NONE)				625
5962-8959808MXA	T	06/25/2014	1	MERCURY		Y EDI88128LPS70CB		625
5962-8959808MXA	T	06/25/2014	1	MICROSS		Y MT5C1009CW-70L		625
5962-8959808MYA	T	06/25/2014	1	MERCURY		Y EDI88128LPS70NB		625
5962-8959808MYA	T	06/25/2014	1	MICROSS		Y MT5C1009SOJ-70L		625
5962-8959808BZA	T	06/25/2014		(NONE)				625
5962-8959808MZA	T	06/25/2014	1	MERCURY		Y EDI88128LPS70TB		625
5962-8959808MZA	T	06/25/2014	1	MICROSS		Y MT5C1009C-70L		625
5962-8959808MZA	T	06/25/2014	1	PYRAMID		Y P4C1023L-70C4MB		625
5962-8959809M7A	T	06/25/2014	1	MICROSS		Y MT5C1009DCJ-55L		625
5962-8959809M8A	T	06/25/2014	1	MERCURY		Y EDI88128LPS55ZB		625
5962-8959809M9A	T	06/25/2014		(NONE)				625
5962-8959809MMA	T	06/25/2014	1	MICROSS		Y MT5C1009ECA-55L		625
5962-8959809MNA	T	06/25/2014		(NONE)		L7C108-55 (GEN)		625
5962-8959809BTA	T	06/25/2014		(NONE)				625
5962-8959809MTA	T	06/25/2014	1	MERCURY		Y EDI88128LPS55FB		625
5962-8959809MTA	T	06/25/2014	1	MICROSS		Y MT5C1009F-55L		625
5962-8959809BUA	T	06/25/2014		(NONE)				625
5962-8959809MUA	T	06/25/2014	1	MERCURY		Y EDI88128LPS55LB		625
5962-8959809MUA	T	06/25/2014	1	MICROSS		Y MT5C1009EC-55L		625
5962-8959809MUA	T	06/25/2014	1	PYRAMID		Y P4C1023L-55L1MB		625
5962-8959809BXA	T	06/25/2014		(NONE)				625
5962-8959809MXA	T	06/25/2014	1	MERCURY		Y EDI88128LPS55CB		625
5962-8959809MXA	T	06/25/2014	1	MICROSS		Y MT5C1009CW-55L		625
5962-8959809MYA	T	06/25/2014	1	MERCURY		Y EDI88128LPS55NB		625
5962-8959809MYA	T	06/25/2014	1	MICROSS		Y MT5C1009SOJ-55L		625
5962-8959809BZA	T	06/25/2014		(NONE)				625
5962-8959809MZA	T	06/25/2014	1	MERCURY		Y EDI88128LPS55TB		625
5962-8959809MZA	T	06/25/2014	1	MICROSS		Y MT5C1009C-55L		625
5962-8959809MZA	T	06/25/2014	1	PYRAMID		Y P4C1023L-55C4MB		625
5962-8959810M7A	T	06/25/2014	1	MICROSS		Y MT5C1009DCJ-45L		625
5962-8959810M8A	T	06/25/2014	1	MERCURY		Y EDI88128LPS45ZB		625
5962-8959810M9A	T	06/25/2014		(NONE)				625
5962-8959810MMA	T	06/25/2014	1	MICROSS		Y MT5C1009ECA-45L		625
5962-8959810MNA	T	06/25/2014		(NONE)		L7C108-45 (GEN)		625
5962-8959810BTA	T	06/25/2014		(NONE)				625

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959810MTA	T	06/25/2014	1	MERCURY		Y	EDI88128LPS45FB	625
5962-8959810MTA	T	06/25/2014	1	MICROSS		Y	MT5C1009F-45L	625
5962-8959810BUA	T	06/25/2014		(NONE)				625
5962-8959810MUA	T	06/25/2014	1	MERCURY		Y	EDI88128LPS45LB	625
5962-8959810MUA	T	06/25/2014	1	MICROSS		Y	MT5C1009EC-45L	625
5962-8959810MUA	T	06/25/2014	1	PYRAMID		Y	P4C1023L-45L1MB	625
5962-8959810BXA	T	06/25/2014		(NONE)				625
5962-8959810MXA	T	06/25/2014	1	MERCURY		Y	EDI88128LPS45CB	625
5962-8959810MXA	T	06/25/2014		MICROSS		Y	MT5C1009CW-45L	625
5962-8959810MYA	T	06/25/2014	1	MERCURY		Y	EDI88128LPS45NB	625
5962-8959810MYA	T	06/25/2014	1	MICROSS		Y	MT5C1009SOJ-45L	625
5962-8959810BZA	T	06/25/2014		(NONE)				625
5962-8959810MZA	T	06/25/2014	1	MERCURY		Y	EDI88128LPS45TB	625
5962-8959810MZA	T	06/25/2014	1	MICROSS		Y	MT5C1009C-45L	625
5962-8959810MZA	T	06/25/2014	1	PYRAMID		Y	P4C1023L-45C4MB	625
5962-8959811M7A	T	06/25/2014	1	MICROSS		Y	MT5C1009DCJ-35L	625
5962-8959811M8A	T	06/25/2014	1	MERCURY		Y	EDI88128LPS35ZB	625
5962-8959811M9A	T	06/25/2014		(NONE)				625
5962-8959811MMA	T	06/25/2014	1	MICROSS		Y	MT5C1009ECA-35L	625
5962-8959811MNA	T	06/25/2014		(NONE)			L7C108-35 (GEN)	625
5962-8959811BTA	T	06/25/2014		(NONE)				625
5962-8959811MTA	T	06/25/2014	1	MERCURY		Y	EDI88128LPS35FB	625
5962-8959811MTA	T	06/25/2014	1	MICROSS		Y	MT5C1009F-35L	625
5962-8959811BUA	T	06/25/2014		(NONE)				625
5962-8959811MUA	T	06/25/2014	1	MERCURY		Y	EDI88128LPS35LB	625
5962-8959811MUA	T	06/25/2014	1	MICROSS		Y	MT5C1009EC-35L	625
5962-8959811MUA	T	06/25/2014	1	PYRAMID		Y	P4C1023L-35L1MB	625
5962-8959811BXA	T	06/25/2014		(NONE)				625
5962-8959811MXA	T	06/25/2014	1	MERCURY		Y	EDI88128LPS35CB	625
5962-8959811MXA	T	06/25/2014	1	MICROSS		Y	MT5C1009CW-35L	625
5962-8959811MYA	T	06/25/2014	1	MERCURY		Y	EDI88128LPS35NB	625
5962-8959811MYA	T	06/25/2014	1	MICROSS		Y	MT5C1009SOJ-35L	625
5962-8959811BZA	T	06/25/2014		(NONE)				625
5962-8959811MZA	T	06/25/2014	1	MERCURY		Y	EDI88128LPS35TB	625
5962-8959811MZA	T	06/25/2014	1	MICROSS		Y	MT5C1009C-35L	625
5962-8959811MZA	T	06/25/2014	1	PYRAMID		Y	P4C1023L-35C4MB	625
5962-8959812M7A	T	06/25/2014	1	MICROSS		Y	MT5C1009DCJ-25L	625
5962-8959812M8A	T	06/25/2014	1	MERCURY		Y	EDI88128LPS25ZB	625
5962-8959812M9A	T	06/25/2014		(NONE)				625
5962-8959812MMA	T	06/25/2014	1	MICROSS		Y	MT5C1009ECA-25L	625
5962-8959812MNA	T	06/25/2014		(NONE)			L7C108-25 (GEN)	625
5962-8959812BTA	T	06/25/2014		(NONE)				625
5962-8959812MTA	T	06/25/2014	1	MERCURY		Y	EDI88128LPS25FB	625
5962-8959812MTA	T	06/25/2014	1	MICROSS		Y	MT5C1009F-25L	625
5962-8959812MTA	T	06/25/2014	1	PYRAMID		Y	P4C1023-25FSMB	625
5962-8959812BUA	T	06/25/2014		(NONE)				625
5962-8959812MUA	T	06/25/2014	1	MERCURY		Y	EDI88128LPS25LB	625
5962-8959812MUA	T	06/25/2014	1	MICROSS		Y	MT5C1009EC-25L	625
5962-8959812MUA	T	06/25/2014	1	PYRAMID		Y	P4C1023L-25L1MB	625



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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959812BXA	T	06/25/2014		(NONE)				625
5962-8959812MXA	T	06/25/2014	1	MERCURY		Y EDI88128LPS25CB		625
5962-8959812MXA	T	06/25/2014	1	MICROSS		Y MT5C1009CW-25L		625
5962-8959812MYA	T	06/25/2014	1	MERCURY		Y EDI88128LPS25NB		625
5962-8959812MYA	T	06/25/2014	1	MICROSS		Y MT5C1009SOJ-25L		625
5962-8959812BZA	T	06/25/2014		(NONE)				625
5962-8959812MZA	T	06/25/2014	1	MERCURY		Y EDI88128LPS25TB		625
5962-8959812MZA	T	06/25/2014	1	MICROSS		Y MT5C1009C-25L		625
5962-8959812MZA	T	06/25/2014	1	PYRAMID		Y P4C1023L-25C4MB		625
5962-8959813M7A	T	06/25/2014	1	MICROSS		Y MT5C1008DCJ-120L		625
5962-8959813M9A	T	06/25/2014		(NONE)				625
5962-8959813MMA	T	06/25/2014	1	MERCURY		Y EDI88130LPS120L32B		625
5962-8959813MMA	T	06/25/2014	1	MICROSS		Y MT5C1008ECA-120L		625
5962-8959813MMA	T	06/25/2014	1	PYRAMID		Y P4C1024L-120LMB		625
5962-8959813MNA	T	06/25/2014		(NONE)		L7C109-120 (GEN)		625
5962-8959813BTA	T	06/25/2014		(NONE)				625
5962-8959813MTA	T	06/25/2014	1	MERCURY		Y EDI88130LPS120FB		625
5962-8959813MTA	T	06/25/2014	1	MICROSS		Y MT5C1008F-120L		625
5962-8959813MTA	T	06/25/2014	1	PYRAMID		Y P4C1024L-120FSMB		625
5962-8959813BUA	T	06/25/2014		(NONE)				625
5962-8959813MUA	T	06/25/2014	1	MERCURY		Y EDI88130LPS120LB		625
5962-8959813MUA	T	06/25/2014	1	MICROSS		Y MT5C1008EC-120L		625
5962-8959813MUA	T	06/25/2014	1	PYRAMID		Y P4C1024L-120L1MB		625
5962-8959813BXA	T	06/25/2014		(NONE)				625
5962-8959813MXA	T	06/25/2014	1	MERCURY		Y EDI88130LPS120CB		625
5962-8959813MXA	T	06/25/2014	1	MICROSS		Y MT5C1008CW-120L		625
5962-8959813MXA	T	06/25/2014	1	PYRAMID		Y P4C1024L-120C6MB		625
5962-8959813MYA	T	06/25/2014	1	MERCURY		Y EDI88130LPS120NB		625
5962-8959813MYA	T	06/25/2014	1	MICROSS		Y MT5C1008SOJ-120L		625
5962-8959813MYA	T	06/25/2014	1	PYRAMID		Y P4C1024L-120CJMB		625
5962-8959813BZA	T	06/25/2014		(NONE)				625
5962-8959813MZA	T	06/25/2014	1	MERCURY		Y EDI88130LPS120TB		625
5962-8959813MZA	T	06/25/2014	1	MICROSS		Y MT5C1008C-120L		625
5962-8959813MZA	T	06/25/2014	1	PYRAMID		Y P4C1024L-120C4MB		625
5962-8959814M7A	T	06/25/2014	1	MICROSS		Y MT5C1008DCJ-100L		625
5962-8959814M9A	T	06/25/2014		(NONE)				625
5962-8959814MMA	T	06/25/2014	1	MERCURY		Y EDI88130LPS100L32B		625
5962-8959814MMA	T	06/25/2014	1	MICROSS		Y MT5C1008ECA-100L		625
5962-8959814MMA	T	06/25/2014	1	PYRAMID		Y P4C1024L-100LMB		625
5962-8959814MNA	T	06/25/2014		(NONE)		L7C109-100 (GEN)		625
5962-8959814BTA	T	06/25/2014		(NONE)				625
5962-8959814MTA	T	06/25/2014	1	MERCURY		Y EDI88130LPS100FB		625
5962-8959814MTA	T	06/25/2014	2	MICROSS		Y MT5C1008F-100L		625
5962-8959814MTA	T	06/25/2014	1	PYRAMID		Y P4C1024L-100FSMB		625
5962-8959814BUA	T	06/25/2014		(NONE)				625
5962-8959814MUA	T	06/25/2014	1	MERCURY		Y EDI88130LPS100LB		625
5962-8959814MUA	T	06/25/2014	2	MICROSS		Y MT5C1008EC-100L		625
5962-8959814MUA	T	06/25/2014	1	PYRAMID		Y P4C1024L-100L1MB		625
5962-8959814BXA	T	06/25/2014		(NONE)				625

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959814MXA	T	06/25/2014	1	MERCURY		Y EDI88130LPS100CB		625
5962-8959814MXA	T	06/25/2014	2	MICROSS		Y MT5C1008CW-100L		625
5962-8959814MXA	T	06/25/2014	1	PYRAMID		Y P4C1024L-100C6MB		625
5962-8959814MYA	T	06/25/2014	1	MERCURY		Y EDI88130LPS100NB		625
5962-8959814MYA	T	06/25/2014	1	MICROSS		Y MT5C1008SOJ-100L		625
5962-8959814MYA	T	06/25/2014	1	PYRAMID		Y P4C1024L-100CJMB		625
5962-8959814BZA	T	06/25/2014		(NONE)				625
5962-8959814MZA	T	06/25/2014	1	MERCURY		Y EDI88130LPS100TB		625
5962-8959814MZA	T	06/25/2014	2	MICROSS		Y MT5C1008C-100L		625
5962-8959814MZA	T	06/25/2014	1	PYRAMID		Y P4C1024L-100C4MB		625
5962-8959815M7A	T	06/25/2014	1	MICROSS		Y MT5C1008DCJ-85L		625
5962-8959815M9A	T	06/25/2014		(NONE)				625
5962-8959815MMA	T	06/25/2014	1	MERCURY		Y EDI88130LPS85L32B		625
5962-8959815MMA	T	06/25/2014	1	MICROSS		Y MT5C1008ECA-85L		625
5962-8959815MMA	T	06/25/2014	1	PYRAMID		Y P4C1024L-85LMB		625
5962-8959815MNA	T	06/25/2014		(NONE)		L7C109-85 (GEN)		625
5962-8959815BTA	T	06/25/2014		(NONE)				625
5962-8959815MTA	T	06/25/2014	1	MERCURY		Y EDI88130LPS85FB		625
5962-8959815MTA	T	06/25/2014	2	MICROSS		Y MT5C1008F-85L		625
5962-8959815MTA	T	06/25/2014	1	PYRAMID		Y P4C1024L-85FSMB		625
5962-8959815BUA	T	06/25/2014		(NONE)				625
5962-8959815MUA	T	06/25/2014	1	MERCURY		Y EDI88130LPS85LB		625
5962-8959815MUA	T	06/25/2014	2	MICROSS		Y MT5C1008EC-85L		625
5962-8959815MUA	T	06/25/2014	1	PYRAMID		Y P4C1024L-85L1MB		625
5962-8959815BXA	T	06/25/2014		(NONE)				625
5962-8959815MXA	T	06/25/2014	1	MERCURY		Y EDI88130LPS85CB		625
5962-8959815MXA	T	06/25/2014	2	MICROSS		Y MT5C1008CW-85L		625
5962-8959815MXA	T	06/25/2014	1	PYRAMID		Y P4C1024L-85C6MB		625
5962-8959815MYA	T	06/25/2014	1	MERCURY		Y EDI88130LPS85NB		625
5962-8959815MYA	T	06/25/2014	1	MICROSS		Y MT5C1008SOJ-85L		625
5962-8959815MYA	T	06/25/2014	1	PYRAMID		Y P4C1024L-85CJMB		625
5962-8959815BZA	T	06/25/2014		(NONE)				625
5962-8959815MZA	T	06/25/2014	1	MERCURY		Y EDI88130LPS85TB		625
5962-8959815MZA	T	06/25/2014	2	MICROSS		Y MT5C1008C-85L		625
5962-8959815MZA	T	06/25/2014	1	PYRAMID		Y P4C1024L-85C4MB		625
5962-8959816M7A	T	06/25/2014	1	MICROSS		Y MT5C1008DCJ-70L		625
5962-8959816M9A	T	06/25/2014		(NONE)				625
5962-8959816MMA	T	06/25/2014	1	MERCURY		Y EDI88130LPS70L32B		625
5962-8959816MMA	T	06/25/2014	1	MICROSS		Y MT5C1008ECA-70L		625
5962-8959816MMA	T	06/25/2014	1	PYRAMID		Y P4C1024L-70LMB		625
5962-8959816MNA	T	06/25/2014		(NONE)		L7C109-70 (GEN)		625
5962-8959816BTA	T	06/25/2014		(NONE)				625
5962-8959816MTA	T	06/25/2014	1	MERCURY		Y EDI88130LPS70FB		625
5962-8959816MTA	T	06/25/2014	2	MICROSS		Y MT5C1008F-70L		625
5962-8959816MTA	T	06/25/2014	1	PYRAMID		Y P4C1024L-70FSMB		625
5962-8959816BUA	T	06/25/2014		(NONE)				625
5962-8959816MUA	T	06/25/2014	1	MERCURY		Y EDI88130LPS70LB		625
5962-8959816MUA	T	06/25/2014	2	MICROSS		Y MT5C1008EC-70L		625
5962-8959816MUA	T	06/25/2014	1	PYRAMID		Y P4C1024L-70L1MB		625

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## SECTION 1, MICROCIRCUITS

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959816BXA	T	06/25/2014		(NONE)				625
5962-8959816MXA	T	06/25/2014	1	MERCURY		Y EDI88130LPS70CB		625
5962-8959816MXA	T	06/25/2014	2	MICROSS		Y MT5C1008CW-70L		625
5962-8959816MXA	T	06/25/2014	1	PYRAMID		Y P4C1024L-70C6MB		625
5962-8959816MYA	T	06/25/2014	1	MERCURY		Y EDI88130LPS70NB		625
5962-8959816MYA	T	06/25/2014	1	MICROSS		Y MT5C1008SOJ-70L		625
5962-8959816MYA	T	06/25/2014	1	PYRAMID		Y P4C1024L-70CJMB		625
5962-8959816BZA	T	06/25/2014		(NONE)				625
5962-8959816MZA	T	06/25/2014	1	MERCURY		Y EDI88130LPS70TB		625
5962-8959816MZA	T	06/25/2014	2	MICROSS		Y MT5C1008C-70L		625
5962-8959816MZA	T	06/25/2014	1	PYRAMID		Y P4C1024L-70C4MB		625
5962-8959817M7A	T	06/25/2014	1	MICROSS		Y MT5C1008DCJ-55L		625
5962-8959817M9A	T	06/25/2014		(NONE)				625
5962-8959817MMA	T	06/25/2014	2	E2V		Y QP7C1009BL-55LMB		625
5962-8959817MMA	T	06/25/2014	1	MERCURY		Y EDI88130LPS55L32B		625
5962-8959817MMA	T	06/25/2014	1	MICROSS		Y MT5C1008ECA-55L		625
5962-8959817MMA	T	06/25/2014	1	PYRAMID		Y P4C1024L-55LMB		625
5962-8959817MNA	T	06/25/2014		(NONE)		L7C109-55 (GEN)		625
5962-8959817BTA	T	06/25/2014		(NONE)				625
5962-8959817MTA	T	06/25/2014	2	E2V		Y QP7C1009BL-55FMB		625
5962-8959817MTA	T	06/25/2014	1	MERCURY		Y EDI88130LPS55FB		625
5962-8959817MTA	T	06/25/2014	2	MICROSS		Y MT5C1008F-55L		625
5962-8959817MTA	T	06/25/2014	1	PYRAMID		Y P4C1024L-55FSMB		625
5962-8959817BUA	T	06/25/2014		(NONE)				625
5962-8959817MUA	T	06/25/2014	1	MERCURY		Y EDI88130LPS55LB		625
5962-8959817MUA	T	06/25/2014	2	MICROSS		Y MT5C1008EC-55L		625
5962-8959817MUA	T	06/25/2014	1	PYRAMID		Y P4C1024L-55L1MB		625
5962-8959817BXA	T	06/25/2014		(NONE)				625
5962-8959817MXA	T	06/25/2014	1	MERCURY		Y EDI88130LPS55CB		625
5962-8959817MXA	T	06/25/2014	2	MICROSS		Y MT5C1008CW-55L		625
5962-8959817MXA	T	06/25/2014	1	PYRAMID		Y P4C1024L-55C6MB		625
5962-8959817MYA	T	06/25/2014	1	MERCURY		Y EDI88130LPS55NB		625
5962-8959817MYA	T	06/25/2014	1	MICROSS		Y MT5C1008SOJ-55L		625
5962-8959817MYA	T	06/25/2014	1	PYRAMID		Y P4C1024L-55CJMB		625
5962-8959817BZA	T	06/25/2014		(NONE)				625
5962-8959817MZA	T	06/25/2014	2	E2V		Y QP7C1009BL-55DMB		625
5962-8959817MZA	T	06/25/2014	1	MERCURY		Y EDI88130LPS55TB		625
5962-8959817MZA	T	06/25/2014	2	MICROSS		Y MT5C1008C-55L		625
5962-8959817MZA	T	06/25/2014	1	PYRAMID		Y P4C1024L-55C4MB		625
5962-8959818M7A	T	06/25/2014	1	MICROSS		Y MT5C1008DCJ-45L		625
5962-8959818M9A	T	06/25/2014		(NONE)				625
5962-8959818MMA	T	06/25/2014	2	E2V		Y QP7C1009BL-45LMB		625
5962-8959818MMA	T	06/25/2014	1	MERCURY		Y EDI88130LPS45L32B		625
5962-8959818MMA	T	06/25/2014	1	MICROSS		Y MT5C1008ECA-45L		625
5962-8959818MMA	T	06/25/2014	1	PYRAMID		Y P4C1024L-45LMB		625
5962-8959818MNA	T	06/25/2014		(NONE)		L7C109-45 (GEN)		625
5962-8959818BTA	T	06/25/2014		(NONE)				625
5962-8959818MTA	T	06/25/2014	2	E2V		Y QP7C1009BL-45FMB		625
5962-8959818MTA	T	06/25/2014	1	MERCURY		Y EDI88130LPS45FB		625

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959818MTA	T	06/25/2014	2	MICROSS		Y	MT5C1008F-45L	625
5962-8959818MTA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-45FSMB	625
5962-8959818MTC	T	06/25/2014	2	ATMEL NANTES		Y	MMDJ-65608EV-45MQ	625
5962-8959818VTC	T	06/25/2014	2	ATMEL NANTES		Y	SMDJ-65608EV-45SV	625
5962-8959818BUA	T	06/25/2014		(NONE)				625
5962-8959818MUA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS45LB	625
5962-8959818MUA	T	06/25/2014	1	MICROSS		Y	MT5C1008EC-45L	625
5962-8959818MUA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-45L1MB	625
5962-8959818BXA	T	06/25/2014		(NONE)				625
5962-8959818MXA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS45CB	625
5962-8959818MXA	T	06/25/2014	2	MICROSS		Y	MT5C1008CW-45L	625
5962-8959818MXA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-45C6MB	625
5962-8959818MYA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS45NB	625
5962-8959818MYA	T	06/25/2014	1	MICROSS		Y	MT5C1008SOJ-45L	625
5962-8959818MYA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-45CJMB	625
5962-8959818BZA	T	06/25/2014		(NONE)				625
5962-8959818MZA	T	06/25/2014	2	E2V		Y	QP7C1009BL-45DMB	625
5962-8959818MZA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS45TB	625
5962-8959818MZA	T	06/25/2014	2	MICROSS		Y	MT5C1008C-45L	625
5962-8959818MZA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-45C4MB	625
5962-8959818MZC	T	06/25/2014	2	ATMEL NANTES		Y	MMC9-65608EV-45MQ	625
5962-8959818VZC	T	06/25/2014	2	ATMEL NANTES		Y	SMC9-65608EV-45SV	625
5962-8959819M7A	T	06/25/2014	1	MICROSS		Y	MT5C1008DCJ-35L	625
5962-8959819M9A	T	06/25/2014		(NONE)				625
5962-8959819MMA	T	06/25/2014	2	E2V		Y	QP7C1009BL-35LMB	625
5962-8959819MMA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS35L32B	625
5962-8959819MMA	T	06/25/2014	1	MICROSS		Y	MT5C1008ECA-35L	625
5962-8959819MMA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-35LMB	625
5962-8959819MNA	T	06/25/2014		(NONE)			L7C109-35 (GEN)	625
5962-8959819BTA	T	06/25/2014		(NONE)				625
5962-8959819MTA	T	06/25/2014	2	E2V		Y	QP7C1009BL-35FMB	625
5962-8959819MTA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS35FB	625
5962-8959819MTA	T	06/25/2014	2	MICROSS		Y	MT5C1008F-35L	625
5962-8959819MTA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-35FSMB	625
5962-8959819VTC	T	06/25/2014		(NONE)			65608-35 (GEN)	625
5962-8959819BUA	T	06/25/2014		(NONE)				625
5962-8959819MUA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS35LB	625
5962-8959819MUA	T	06/25/2014	2	MICROSS		Y	MT5C1008EC-35L	625
5962-8959819MUA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-35L1MB	625
5962-8959819BXA	T	06/25/2014		(NONE)				625
5962-8959819MXA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS35CB	625
5962-8959819MXA	T	06/25/2014	2	MICROSS		Y	MT5C1008CW-35L	625
5962-8959819MXA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-35C6MB	625
5962-8959819MYA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS35NB	625
5962-8959819MYA	T	06/25/2014	1	MICROSS		Y	MT5C1008SOJ-35L	625
5962-8959819MYA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-35CJMB	625
5962-8959819BZA	T	06/25/2014		(NONE)				625
5962-8959819MZA	T	06/25/2014	2	E2V		Y	QP7C1009BL-35DMB	625
5962-8959819MZA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS35TB	625

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959819MZA	T	06/25/2014	2	MICROSS		Y	MT5C1008C-35L	625
5962-8959819MZA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-35C4MB	625
5962-8959819VZC	T	06/25/2014		(NONE)			65608-35 (GEN)	625
5962-8959820M7A	T	06/25/2014	1	MICROSS		Y	MT5C1008DCJ-25L	625
5962-8959820M9A	T	06/25/2014		(NONE)				625
5962-8959820MMA	T	06/25/2014	2	E2V		Y	QP7C1009BL-25LMB	625
5962-8959820MMA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS25L32B	625
5962-8959820MMA	T	06/25/2014	1	MICROSS		Y	MT5C1008ECA-25L	625
5962-8959820MMA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-25LMB	625
5962-8959820MNA	T	06/25/2014		(NONE)			L7C109-25 (GEN)	625
5962-8959820BTA	T	06/25/2014		(NONE)				625
5962-8959820MTA	T	06/25/2014	2	E2V		Y	QP7C1009BL-25FMB	625
5962-8959820MTA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS25FB	625
5962-8959820MTA	T	06/25/2014	2	MICROSS		Y	MT5C1008F-25L	625
5962-8959820MTA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-25FSMB	625
5962-8959820BUA	T	06/25/2014		(NONE)				625
5962-8959820MUA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS25LB	625
5962-8959820MUA	T	06/25/2014	2	MICROSS		Y	MT5C1008EC-25L	625
5962-8959820MUA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-25L1MB	625
5962-8959820BXA	T	06/25/2014		(NONE)				625
5962-8959820MXA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS25CB	625
5962-8959820MXA	T	06/25/2014	2	MICROSS		Y	MT5C1008CW-25L	625
5962-8959820MXA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-25C6MB	625
5962-8959820MYA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS25NB	625
5962-8959820MYA	T	06/25/2014	1	MICROSS		Y	MT5C1008SOJ-25L	625
5962-8959820MYA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-25CJMB	625
5962-8959820BZA	T	06/25/2014		(NONE)				625
5962-8959820MZA	T	06/25/2014	2	E2V		Y	QP7C1009BL-25DMB	625
5962-8959820MZA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS25TB	625
5962-8959820MZA	T	06/25/2014	2	MICROSS		Y	MT5C1008C-25L	625
5962-8959820MZA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-25C4MB	625
5962-8959821M7A	T	06/25/2014	1	MICROSS		Y	MT5C1008DCJ-20L	625
5962-8959821M9A	T	06/25/2014		(NONE)				625
5962-8959821MMA	T	06/25/2014	2	E2V		Y	QP7C1009BL-20LMB	625
5962-8959821MMA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS20L32B	625
5962-8959821MMA	T	06/25/2014	1	MICROSS		Y	MT5C1008ECA-20L	625
5962-8959821MMA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-20LMB	625
5962-8959821MNA	T	06/25/2014		(NONE)			L7C109-20 (GEN)	625
5962-8959821MTA	T	06/25/2014	2	E2V		Y	QP7C1009BL-20FMB	625
5962-8959821MTA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS20FB	625
5962-8959821MTA	T	06/25/2014	2	MICROSS		Y	MT5C1008F-20L	625
5962-8959821MTA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-20FSMB	625
5962-8959821MUA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS20LB	625
5962-8959821MUA	T	06/25/2014	2	MICROSS		Y	MT5C1008EC-20L	625
5962-8959821MUA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-20L1MB	625
5962-8959821MXA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS20CB	625
5962-8959821MXA	T	06/25/2014	2	MICROSS		Y	MT5C1008CW-20L	625
5962-8959821MXA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-20C6MB	625
5962-8959821MYA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS20NB	625

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959821MYA	T	06/25/2014	1	MICROSS		Y	MT5C1008SOJ-20L	625
5962-8959821MYA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-20CJMB	625
5962-8959821MZA	T	06/25/2014	2	E2V		Y	QP7C1009BL-20DMB	625
5962-8959821MZA	T	06/25/2014	1	MERCURY		Y	EDI88130LPS20TB	625
5962-8959821MZA	T	06/25/2014	2	MICROSS		Y	MT5C1008C-20L	625
5962-8959821MZA	T	06/25/2014	1	PYRAMID		Y	P4C1024L-20C4MB	625
5962-8959822M7A	T	06/25/2014	1	MICROSS		Y	MT5C1009DCJ-120	625
5962-8959822M8A	T	06/25/2014	1	MERCURY		Y	EDI88128CS120ZB	625
5962-8959822M9A	T	06/25/2014		(NONE)				625
5962-8959822MMA	T	06/25/2014	1	MICROSS		Y	MT5C1009ECA-120	625
5962-8959822MNA	T	06/25/2014		(NONE)				625
5962-8959822BTA	T	06/25/2014		(NONE)				625
5962-8959822MTA	T	06/25/2014	1	MERCURY		Y	EDI88128CS120FB	625
5962-8959822MTA	T	06/25/2014	1	MICROSS		Y	MT5C1009F-120	625
5962-8959822BUA	T	06/25/2014		(NONE)				625
5962-8959822MUA	T	06/25/2014	1	MERCURY		Y	EDI88128CS120LB	625
5962-8959822MUA	T	06/25/2014	1	MICROSS		Y	MT5C1009EC-120	625
5962-8959822MUA	T	06/25/2014	1	PYRAMID		Y	P4C1023-120L1MB	625
5962-8959822BXA	T	06/25/2014		(NONE)				625
5962-8959822MXA	T	06/25/2014	1	MERCURY		Y	EDI88128CS120CB	625
5962-8959822MXA	T	06/25/2014	1	MICROSS		Y	MT5C1009CW-120	625
5962-8959822MYA	T	06/25/2014	1	MERCURY		Y	EDI88128CS120NB	625
5962-8959822MYA	T	06/25/2014	1	MICROSS		Y	MT5C1009SOJ-120	625
5962-8959822BZA	T	06/25/2014		(NONE)				625
5962-8959822MZA	T	06/25/2014	1	MERCURY		Y	EDI88128CS120TB	625
5962-8959822MZA	T	06/25/2014	1	MICROSS		Y	MT5C1009C-120	625
5962-8959822MZA	T	06/25/2014	1	PYRAMID		Y	P4C1023-120C4MB	625
5962-8959823M7A	T	06/25/2014	1	MICROSS		Y	MT5C1009DCJ-100	625
5962-8959823M8A	T	06/25/2014		MERCURY		Y	EDI88128CS100ZB	625
5962-8959823M9A	T	06/25/2014		(NONE)				625
5962-8959823MMA	T	06/25/2014	1	MICROSS		Y	MT5C1009ECA-100	625
5962-8959823MNA	T	06/25/2014		(NONE)				625
5962-8959823BTA	T	06/25/2014		(NONE)				625
5962-8959823MTA	T	06/25/2014	1	MERCURY		Y	EDI88130CS100FB	625
5962-8959823MTA	T	06/25/2014	1	MICROSS		Y	MT5C1009F-100	625
5962-8959823BUA	T	06/25/2014		(NONE)				625
5962-8959823MUA	T	06/25/2014	1	MERCURY		Y	EDI88128CS100LB	625
5962-8959823MUA	T	06/25/2014	1	MICROSS		Y	MT5C1009EC-100	625
5962-8959823MUA	T	06/25/2014	1	PYRAMID		Y	P4C1023-100L1MB	625
5962-8959823BXA	T	06/25/2014		(NONE)				625
5962-8959823MXA	T	06/25/2014	1	MERCURY		Y	EDI88128CS100CB	625
5962-8959823MXA	T	06/25/2014	1	MICROSS		Y	MT5C1009CW-100	625
5962-8959823MYA	T	06/25/2014	1	MERCURY		Y	EDI88128CS100NB	625
5962-8959823MYA	T	06/25/2014	1	MICROSS		Y	MT5C1009SOJ-100	625
5962-8959823BZA	T	06/25/2014		(NONE)				625
5962-8959823MZA	T	06/25/2014	1	MERCURY		Y	EDI88128CS100TB	625
5962-8959823MZA	T	06/25/2014	1	MICROSS		Y	MT5C1009C-100	625
5962-8959823MZA	T	06/25/2014	1	PYRAMID		Y	P4C1023-100C4MB	625
5962-8959824M7A	T	06/25/2014	1	MICROSS		Y	MT5C1009DCJ-85	625



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## SECTION 1, MICROCIRCUITS

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959824M8A	T	06/25/2014		MERCURY		Y	EDI88128CS85ZB	625
5962-8959824M9A	T	06/25/2014		(NONE)				625
5962-8959824MMA	T	06/25/2014	1	MICROSS		Y	MT5C1009ECA-85	625
5962-8959824MNA	T	06/25/2014		(NONE)				625
5962-8959824BTA	T	06/25/2014		(NONE)				625
5962-8959824MTA	T	06/25/2014	1	MERCURY		Y	EDI88128CS85FB	625
5962-8959824MTA	T	06/25/2014	1	MICROSS		Y	MT5C1009F-85	625
5962-8959824MTC	T	06/25/2014		(NONE)				625
5962-8959824BUA	T	06/25/2014		(NONE)				625
5962-8959824MUA	T	06/25/2014	1	MERCURY		Y	EDI88128CS85LB	625
5962-8959824MUA	T	06/25/2014	1	MICROSS		Y	MT5C1009EC-85	625
5962-8959824MUA	T	06/25/2014	1	PYRAMID		Y	P4C1023-85L1MB	625
5962-8959824BXA	T	06/25/2014		(NONE)				625
5962-8959824MXA	T	06/25/2014	1	MERCURY		Y	EDI88128CS85CB	625
5962-8959824MXA	T	06/25/2014	1	MICROSS		Y	MT5C1009CW-85	625
5962-8959824MYA	T	06/25/2014	1	MERCURY		Y	EDI88128CS85NB	625
5962-8959824MYA	T	06/25/2014	1	MICROSS		Y	MT5C1009SOJ-85	625
5962-8959824BZA	T	06/25/2014		(NONE)				625
5962-8959824MZA	T	06/25/2014	1	MERCURY		Y	EDI88128CS85TB	625
5962-8959824MZA	T	06/25/2014	1	MICROSS		Y	MT5C1009C-85	625
5962-8959824MZA	T	06/25/2014	1	PYRAMID		Y	P4C1023-85C4MB	625
5962-8959825M7A	T	06/25/2014	1	MICROSS		Y	MT5C1009DCJ-70	625
5962-8959825M8A	T	06/25/2014		MERCURY		Y	EDI88128CS70ZB	625
5962-8959825M9A	T	06/25/2014		(NONE)				625
5962-8959825MMA	T	06/25/2014	1	MICROSS		Y	MT5C1009ECA-70	625
5962-8959825MNA	T	06/25/2014		(NONE)				625
5962-8959825BTA	T	06/25/2014		(NONE)				625
5962-8959825MTA	T	06/25/2014	1	MERCURY		Y	EDI88128CS70FB	625
5962-8959825MTA	T	06/25/2014	1	MICROSS		Y	MT5C1009F-70	625
5962-8959825BUA	T	06/25/2014		(NONE)				625
5962-8959825MUA	T	06/25/2014	1	MERCURY		Y	EDI88128CS70LB	625
5962-8959825MUA	T	06/25/2014	1	MICROSS		Y	MT5C1009EC-70	625
5962-8959825MUA	T	06/25/2014	1	PYRAMID		Y	P4C1023-70L1MB	625
5962-8959825BXA	T	06/25/2014		(NONE)				625
5962-8959825MXA	T	06/25/2014	1	MERCURY		Y	EDI88128CS70CB	625
5962-8959825MXA	T	06/25/2014	1	MICROSS		Y	MT5C1009CW-70	625
5962-8959825MYA	T	06/25/2014	1	MERCURY		Y	EDI88128CS70NB	625
5962-8959825MYA	T	06/25/2014	1	MICROSS		Y	MT5C1009SOJ-70	625
5962-8959825BZA	T	06/25/2014		(NONE)				625
5962-8959825MZA	T	06/25/2014	1	MERCURY		Y	EDI88128CS70TB	625
5962-8959825MZA	T	06/25/2014	1	MICROSS		Y	MT5C1009C-70	625
5962-8959825MZA	T	06/25/2014	1	PYRAMID		Y	P4C1023-70C4MB	625
5962-8959826M7A	T	06/25/2014	1	MICROSS		Y	MT5C1009DCJ-55	625
5962-8959826M8A	T	06/25/2014	1	MERCURY		Y	EDI88128CS55ZB	625
5962-8959826M9A	T	06/25/2014		(NONE)				625
5962-8959826MMA	T	06/25/2014	1	MICROSS		Y	MT5C1009ECA-55	625
5962-8959826MNA	T	06/25/2014		(NONE)				625
5962-8959826BTA	T	06/25/2014		(NONE)				625
5962-8959826MTA	T	06/25/2014	1	MERCURY		Y	EDI88128CS55FB	625

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

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5962-8959826MTA	T	06/25/2014	1	MICROSS		Y	MT5C1009F-55	625
5962-8959826BUA	T	06/25/2014		(NONE)				625
5962-8959826MUA	T	06/25/2014	1	MERCURY		Y	EDI88128CS55LB	625
5962-8959826MUA	T	06/25/2014	1	MICROSS		Y	MT5C1009EC-55	625
5962-8959826MUA	T	06/25/2014	1	PYRAMID		Y	P4C1023-55L1MB	625
5962-8959826BXA	T	06/25/2014		(NONE)				625
5962-8959826MXA	T	06/25/2014	1	MERCURY		Y	EDI88128CS55CB	625
5962-8959826MXA	T	06/25/2014	1	MICROSS		Y	MT5C1009CW-55	625
5962-8959826MYA	T	06/25/2014	1	MERCURY		Y	EDI88128CS55NB	625
5962-8959826MYA	T	06/25/2014	1	MICROSS		Y	MT5C1009SOJ-55	625
5962-8959826BZA	T	06/25/2014		(NONE)				625
5962-8959826MZA	T	06/25/2014	1	MERCURY		Y	EDI88128CS55TB	625
5962-8959826MZA	T	06/25/2014	1	MICROSS		Y	MT5C1009C-55	625
5962-8959826MZA	T	06/25/2014	1	PYRAMID		Y	P4C1023-55C4MB	625
5962-8959827M7A	T	06/25/2014	1	MICROSS		Y	MT5C1009DCJ-45	625
5962-8959827M8A	T	06/25/2014		MERCURY		Y	EDI88128CS45ZB	625
5962-8959827M9A	T	06/25/2014		(NONE)				625
5962-8959827MMA	T	06/25/2014	1	MICROSS		Y	MT5C1009ECA-45	625
5962-8959827MNA	T	06/25/2014		(NONE)			L7C108-45 (GEN)	625
5962-8959827BTA	T	06/25/2014		(NONE)				625
5962-8959827MTA	T	06/25/2014	1	MERCURY		Y	EDI88128CS45FB	625
5962-8959827MTA	T	06/25/2014	1	MICROSS		Y	MT5C1009F-45	625
5962-8959827BUA	T	06/25/2014		(NONE)				625
5962-8959827MUA	T	06/25/2014	1	MERCURY		Y	EDI88128CS45LB	625
5962-8959827MUA	T	06/25/2014	1	MICROSS		Y	MT5C1009EC-45	625
5962-8959827MUA	T	06/25/2014	1	PYRAMID		Y	P4C1023-45L1MB	625
5962-8959827BXA	T	06/25/2014		(NONE)				625
5962-8959827MXA	T	06/25/2014	1	MERCURY		Y	EDI88128CS45CB	625
5962-8959827MXA	T	06/25/2014	1	MICROSS		Y	MT5C1009CW-45	625
5962-8959827MYA	T	06/25/2014	1	MERCURY		Y	EDI88128CS45NB	625
5962-8959827MYA	T	06/25/2014	1	MICROSS		Y	MT5C1009SOJ-45	625
5962-8959827BZA	T	06/25/2014		(NONE)				625
5962-8959827MZA	T	06/25/2014	1	MERCURY		Y	EDI88128CS45TB	625
5962-8959827MZA	T	06/25/2014	1	MICROSS		Y	MT5C1009C-45	625
5962-8959827MZA	T	06/25/2014	1	PYRAMID		Y	P4C1023-45C4MB	625
5962-8959828M7A	T	06/25/2014	1	MICROSS		Y	MT5C1009DCJ-35	625
5962-8959828M8A	T	06/25/2014	1	MERCURY		Y	EDI88128CS35ZB	625
5962-8959828M9A	T	06/25/2014		(NONE)				625
5962-8959828MMA	T	06/25/2014	1	MICROSS		Y	MT5C1009ECA-35	625
5962-8959828MNA	T	06/25/2014		(NONE)			L7C108-35 (GEN)	625
5962-8959828BTA	T	06/25/2014		(NONE)				625
5962-8959828MTA	T	06/25/2014	1	MERCURY		Y	EDI88128CS35FB	625
5962-8959828MTA	T	06/25/2014	1	MICROSS		Y	MT5C1009F-35	625
5962-8959828BUA	T	06/25/2014		(NONE)				625
5962-8959828MUA	T	06/25/2014	1	MERCURY		Y	EDI88128CS35LB	625
5962-8959828MUA	T	06/25/2014	1	MICROSS		Y	MT5C1009EC-35	625
5962-8959828MUA	T	06/25/2014	1	PYRAMID		Y	P4C1023-35L1MB	625
5962-8959828BXA	T	06/25/2014		(NONE)				625
5962-8959828MXA	T	06/25/2014	1	MERCURY		Y	EDI88128CS35CB	625

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959828MXA	T	06/25/2014	1	MICROSS		Y	MT5C1009CW-35	625
5962-8959828MYA	T	06/25/2014	1	MERCURY		Y	EDI88128CS35NB	625
5962-8959828MYA	T	06/25/2014	1	MICROSS		Y	MT5C1009SOJ-35	625
5962-8959828BZA	T	06/25/2014		(NONE)				625
5962-8959828MZA	T	06/25/2014	1	MERCURY		Y	EDI88128CS35TB	625
5962-8959828MZA	T	06/25/2014	1	MICROSS		Y	MT5C1009C-35	625
5962-8959828MZA	T	06/25/2014	1	PYRAMID		Y	P4C1023-35C4MB	625
5962-8959829M7A	T	06/25/2014	1	MICROSS		Y	MT5C1009DCJ-25	625
5962-8959829M8A	T	06/25/2014		MERCURY		Y	EDI88128CS25ZB	625
5962-8959829M9A	T	06/25/2014		(NONE)				625
5962-8959829MMA	T	06/25/2014	1	MICROSS		Y	MT5C1009ECA-25	625
5962-8959829MNA	T	06/25/2014		(NONE)			L7C108-25 (GEN)	625
5962-8959829BTA	T	06/25/2014		(NONE)				625
5962-8959829MTA	T	06/25/2014	1	MERCURY		Y	EDI88128CS25FB	625
5962-8959829MTA	T	06/25/2014	1	MICROSS		Y	MT5C1009F-25	625
5962-8959829BUA	T	06/25/2014		(NONE)				625
5962-8959829MUA	T	06/25/2014	1	MERCURY		Y	EDI88128CS25LB	625
5962-8959829MUA	T	06/25/2014	1	MICROSS		Y	MT5C1009EC-25	625
5962-8959829MUA	T	06/25/2014	1	PYRAMID		Y	P4C1023-25L1MB	625
5962-8959829BXA	T	06/25/2014		(NONE)				625
5962-8959829MXA	T	06/25/2014	1	MERCURY		Y	EDI88128CS25CB	625
5962-8959829MXA	T	06/25/2014	1	MICROSS		Y	MT5C1009CW-25	625
5962-8959829MYA	T	06/25/2014	1	MERCURY		Y	EDI88128CS25NB	625
5962-8959829MYA	T	06/25/2014	1	MICROSS		Y	MT5C1009SOJ-25	625
5962-8959829BZA	T	06/25/2014		(NONE)				625
5962-8959829MZA	T	06/25/2014	1	MERCURY		Y	EDI88128CS25TB	625
5962-8959829MZA	T	06/25/2014	1	MICROSS		Y	MT5C1009C-25	625
5962-8959829MZA	T	06/25/2014	1	PYRAMID		Y	P4C1023-25C4MB	625
5962-8959830M7A	T	06/25/2014	1	MICROSS		Y	MT5C1008DCJ-120	625
5962-8959830M9A	T	06/25/2014		(NONE)				625
5962-8959830MMA	T	06/25/2014	1	MERCURY		Y	EDI88130CS120L32B	625
5962-8959830MMA	T	06/25/2014	1	MICROSS		Y	MT5C1008ECA-120	625
5962-8959830MMA	T	06/25/2014	1	PYRAMID		Y	P4C1024-120LMB	625
5962-8959830MNA	T	06/25/2014		(NONE)				625
5962-8959830BTA	T	06/25/2014		(NONE)				625
5962-8959830MTA	T	06/25/2014	1	MERCURY		Y	EDI88130CS120FB	625
5962-8959830MTA	T	06/25/2014	2	MICROSS		Y	MT5C1008F-120	625
5962-8959830MTA	T	06/25/2014	1	PYRAMID		Y	P4C1024-120FSMB	625
5962-8959830BUA	T	06/25/2014		(NONE)				625
5962-8959830MUA	T	06/25/2014	1	MERCURY		Y	EDI88130CS120LB	625
5962-8959830MUA	T	06/25/2014	2	MICROSS		Y	MT5C1008EC-120	625
5962-8959830MUA	T	06/25/2014	1	PYRAMID		Y	P4C1024-120L1MB	625
5962-8959830BXA	T	06/25/2014		(NONE)				625
5962-8959830MXA	T	06/25/2014	1	MERCURY		Y	EDI88130CS120CB	625
5962-8959830MXA	T	06/25/2014	2	MICROSS		Y	MT5C1008CW-120	625
5962-8959830MXA	T	06/25/2014	1	PYRAMID		Y	P4C1024-120C6MB	625
5962-8959830MYA	T	06/25/2014	1	MERCURY		Y	EDI88130CS120NB	625
5962-8959830MYA	T	06/25/2014	1	MICROSS		Y	MT5C1008SOJ-120	625
5962-8959830MYA	T	06/25/2014	1	PYRAMID		Y	P4C1024-120CJMB	625

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959830BZA	T	06/25/2014		(NONE)				625
5962-8959830MZA	T	06/25/2014	1	MERCURY		Y EDI88130CS120TB		625
5962-8959830MZA	T	06/25/2014	2	MICROSS		Y MT5C1008C-120		625
5962-8959830MZA	T	06/25/2014	1	PYRAMID		Y P4C1024-120C4MB		625
5962-8959831M7A	T	06/25/2014	1	MICROSS		Y MT5C1008DCJ-100		625
5962-8959831M9A	T	06/25/2014		(NONE)				625
5962-8959831MMA	T	06/25/2014	1	MERCURY		Y EDI88130CS100L32B		625
5962-8959831MMA	T	06/25/2014	1	MICROSS		Y MT5C1008ECA-100		625
5962-8959831MMA	T	06/25/2014	1	PYRAMID		Y P4C1024-100LMB		625
5962-8959831MNA	T	06/25/2014		(NONE)				625
5962-8959831BTA	T	06/25/2014		(NONE)				625
5962-8959831MTA	T	06/25/2014	1	MERCURY		Y EDI88130CS100FB		625
5962-8959831MTA	T	06/25/2014	2	MICROSS		Y MT5C1008F-100		625
5962-8959831MTA	T	06/25/2014	1	PYRAMID		Y P4C1024-100FSMB		625
5962-8959831BUA	T	06/25/2014		(NONE)				625
5962-8959831MUA	T	06/25/2014	1	MERCURY		Y EDI88130CS100LB		625
5962-8959831MUA	T	06/25/2014	2	MICROSS		Y MT5C1008EC-100		625
5962-8959831MUA	T	06/25/2014	1	PYRAMID		Y P4C1024-100L1MB		625
5962-8959831BXA	T	06/25/2014		(NONE)				625
5962-8959831MXA	T	06/25/2014	1	MERCURY		Y EDI88130CS100CB		625
5962-8959831MXA	T	06/25/2014	2	MICROSS		Y MT5C1008CW-100		625
5962-8959831MXA	T	06/25/2014	1	PYRAMID		Y P4C1024-100C6MB		625
5962-8959831MYA	T	06/25/2014	1	MERCURY		Y EDI88130CS100NB		625
5962-8959831MYA	T	06/25/2014	1	MICROSS		Y MT5C1008SOJ-100		625
5962-8959831MYA	T	06/25/2014	1	PYRAMID		Y P4C1024-100CJMB		625
5962-8959831BZA	T	06/25/2014		(NONE)				625
5962-8959831MZA	T	06/25/2014	1	MERCURY		Y EDI88130CS100TB		625
5962-8959831MZA	T	06/25/2014	2	MICROSS		Y MT5C1008C-100		625
5962-8959831MZA	T	06/25/2014	1	PYRAMID		Y P4C1024-100C4MB		625
5962-8959832M7A	T	06/25/2014	1	MICROSS		Y MT5C1008DCJ-85		625
5962-8959832M9A	T	06/25/2014		(NONE)				625
5962-8959832MMA	T	06/25/2014	1	MERCURY		Y EDI88130CS85L32B		625
5962-8959832MMA	T	06/25/2014	1	MICROSS		Y MT5C1008ECA-85		625
5962-8959832MMA	T	06/25/2014	1	PYRAMID		Y P4C1024-85LMB		625
5962-8959832MNA	T	06/25/2014		(NONE)				625
5962-8959832BTA	T	06/25/2014		(NONE)				625
5962-8959832MTA	T	06/25/2014	1	MERCURY		Y EDI88130CS85FB		625
5962-8959832MTA	T	06/25/2014	2	MICROSS		Y MT5C1008F-85		625
5962-8959832MTA	T	06/25/2014	1	PYRAMID		Y P4C1024-85FSMB		625
5962-8959832BUA	T	06/25/2014		(NONE)				625
5962-8959832MUA	T	06/25/2014	1	MERCURY		Y EDI88130CS85LB		625
5962-8959832MUA	T	06/25/2014	2	MICROSS		Y MT5C1008EC-85		625
5962-8959832MUA	T	06/25/2014	1	PYRAMID		Y P4C1024-85L1MB		625
5962-8959832BXA	T	06/25/2014		(NONE)				625
5962-8959832MXA	T	06/25/2014	1	MERCURY		Y EDI88130CS85CB		625
5962-8959832MXA	T	06/25/2014	2	MICROSS		Y MT5C1008CW-85		625
5962-8959832MXA	T	06/25/2014	1	PYRAMID		Y P4C1024-85C6MB		625
5962-8959832MYA	T	06/25/2014	1	MERCURY		Y EDI88130CS85NB		625
5962-8959832MYA	T	06/25/2014	1	MICROSS		Y MT5C1008SOJ-85		625

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959832MYA	T	06/25/2014	1	PYRAMID		Y P4C1024-85CJMB		625
5962-8959832BZA	T	06/25/2014		(NONE)				625
5962-8959832MZA	T	06/25/2014	1	MERCURY		Y EDI88130CS85TB		625
5962-8959832MZA	T	06/25/2014	2	MICROSS		Y MT5C1008C-85		625
5962-8959832MZA	T	06/25/2014	1	PYRAMID		Y P4C1024-85C4MB		625
5962-8959833M7A	T	06/25/2014	1	MICROSS		Y MT5C1008DCJ-70		625
5962-8959833M9A	T	06/25/2014		(NONE)				625
5962-8959833MMA	T	06/25/2014	1	MERCURY		Y EDI88130CS70L32B		625
5962-8959833MMA	T	06/25/2014	1	MICROSS		Y MT5C1008ECA-70		625
5962-8959833MMA	T	06/25/2014	1	PYRAMID		Y P4C1024-70LMB		625
5962-8959833MNA	T	06/25/2014		(NONE)				625
5962-8959833BTA	T	06/25/2014		(NONE)				625
5962-8959833MTA	T	06/25/2014	1	MERCURY		Y EDI88130CS70FB		625
5962-8959833MTA	T	06/25/2014	2	MICROSS		Y MT5C1008F-70		625
5962-8959833MTA	T	06/25/2014	1	PYRAMID		Y P4C1024-70FSMB		625
5962-8959833BUA	T	06/25/2014		(NONE)				625
5962-8959833MUA	T	06/25/2014	1	MERCURY		Y EDI88130CS70LB		625
5962-8959833MUA	T	06/25/2014	2	MICROSS		Y MT5C1008EC-70		625
5962-8959833MUA	T	06/25/2014	1	PYRAMID		Y P4C1024-70L1MB		625
5962-8959833BXA	T	06/25/2014		(NONE)				625
5962-8959833MXA	T	06/25/2014	1	MERCURY		Y EDI88130CS70CB		625
5962-8959833MXA	T	06/25/2014	2	MICROSS		Y MT5C1008CW-70		625
5962-8959833MXA	T	06/25/2014	1	PYRAMID		Y P4C1024-70C6MB		625
5962-8959833MYA	T	06/25/2014	1	MERCURY		Y EDI88130CS70NB		625
5962-8959833MYA	T	06/25/2014	1	MICROSS		Y MT5C1008SOJ-70		625
5962-8959833MYA	T	06/25/2014	1	PYRAMID		Y P4C1024-70CJMB		625
5962-8959833BZA	T	06/25/2014		(NONE)				625
5962-8959833MZA	T	06/25/2014	1	MERCURY		Y EDI88130CS70TB		625
5962-8959833MZA	T	06/25/2014	2	MICROSS		Y MT5C1008C-70		625
5962-8959833MZA	T	06/25/2014	1	PYRAMID		Y P4C1024-70C4MB		625
5962-8959834M7A	T	06/25/2014	1	MICROSS		Y MT5C1008DCJ-55		625
5962-8959834M9A	T	06/25/2014		(NONE)				625
5962-8959834MMA	T	06/25/2014	2	E2V		Y QP7C1009B-55LMB		625
5962-8959834MMA	T	06/25/2014	1	MERCURY		Y EDI88130CS55L32B		625
5962-8959834MMA	T	06/25/2014	1	MICROSS		Y MT5C1008ECA-55		625
5962-8959834MMA	T	06/25/2014	1	PYRAMID		Y P4C1024-55LMB		625
5962-8959834MNA	T	06/25/2014		(NONE)				625
5962-8959834BTA	T	06/25/2014		(NONE)				625
5962-8959834MTA	T	06/25/2014	2	E2V		Y QP7C1009B-55FMB		625
5962-8959834MTA	T	06/25/2014	1	MERCURY		Y EDI88130CS55FB		625
5962-8959834MTA	T	06/25/2014	2	MICROSS		Y MT5C1008F-55		625
5962-8959834MTA	T	06/25/2014	1	PYRAMID		Y P4C1024-55FSMB		625
5962-8959834BUA	T	06/25/2014		(NONE)				625
5962-8959834MUA	T	06/25/2014	1	MERCURY		Y EDI88130CS55LB		625
5962-8959834MUA	T	06/25/2014	2	MICROSS		Y MT5C1008EC-55		625
5962-8959834MUA	T	06/25/2014	1	PYRAMID		Y P4C1024-55L1MB		625
5962-8959834BXA	T	06/25/2014		(NONE)				625
5962-8959834MXA	T	06/25/2014	1	MERCURY		Y EDI88130CS55CB		625
5962-8959834MXA	T	06/25/2014	2	MICROSS		Y MT5C1008CW-55		625

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959834MXA	T	06/25/2014	1	PYRAMID		Y P4C1024-55C6MB		625
5962-8959834MYA	T	06/25/2014	1	MERCURY		Y EDI88130CS55NB		625
5962-8959834MYA	T	06/25/2014	1	MICROSS		Y MT5C1008SOJ-55		625
5962-8959834MYA	T	06/25/2014	1	PYRAMID		Y P4C1024-55CJMB		625
5962-8959834BZA	T	06/25/2014		(NONE)				625
5962-8959834MZA	T	06/25/2014	2	E2V		Y QP7C1009B-55DMB		625
5962-8959834MZA	T	06/25/2014	1	MERCURY		Y EDI88130CS55TB		625
5962-8959834MZA	T	06/25/2014	2	MICROSS		Y MT5C1008C-55		625
5962-8959834MZA	T	06/25/2014	1	PYRAMID		Y P4C1024-55C4MB		625
5962-8959835M7A	T	06/25/2014	1	MICROSS		Y MT5C1008DCJ-45		625
5962-8959835M9A	T	06/25/2014		(NONE)				625
5962-8959835MMA	T	06/25/2014	2	E2V		Y QP7C1009B-45LMB		625
5962-8959835MMA	T	06/25/2014	1	MERCURY		Y EDI88130CS45L32B		625
5962-8959835MMA	T	06/25/2014	1	MICROSS		Y MT5C1008ECA-45		625
5962-8959835MMA	T	06/25/2014	1	PYRAMID		Y P4C1024-45LMB		625
5962-8959835MNA	T	06/25/2014		(NONE)		L7C109-45 (GEN)		625
5962-8959835BTA	T	06/25/2014		(NONE)				625
5962-8959835MTA	T	06/25/2014	2	E2V		Y QP7C1009B-45FMB		625
5962-8959835MTA	T	06/25/2014	1	MERCURY		Y EDI88130CS45FB		625
5962-8959835MTA	T	06/25/2014	2	MICROSS		Y MT5C1008F-45		625
5962-8959835MTA	T	06/25/2014	1	PYRAMID		Y P4C1024-45FSMB		625
5962-8959835VTC	T	06/25/2014		(NONE)		65608-45 (GEN)		625
5962-8959835BUA	T	06/25/2014		(NONE)				625
5962-8959835MUA	T	06/25/2014	1	MERCURY		Y EDI88130CS45LB		625
5962-8959835MUA	T	06/25/2014	2	MICROSS		Y MT5C1008EC-45		625
5962-8959835MUA	T	06/25/2014	1	PYRAMID		Y P4C1024-45L1MB		625
5962-8959835BXA	T	06/25/2014		(NONE)				625
5962-8959835MXA	T	06/25/2014	1	MERCURY		Y EDI88130CS45CB		625
5962-8959835MXA	T	06/25/2014	2	MICROSS		Y MT5C1008CW-45		625
5962-8959835MXA	T	06/25/2014	1	PYRAMID		Y P4C1024-45C6MB		625
5962-8959835MYA	T	06/25/2014	1	MERCURY		Y EDI88130CS45NB		625
5962-8959835MYA	T	06/25/2014	1	MICROSS		Y MT5C1008SOJ-45		625
5962-8959835MYA	T	06/25/2014	1	PYRAMID		Y P4C1024-45CJMB		625
5962-8959835BZA	T	06/25/2014		(NONE)				625
5962-8959835MZA	T	06/25/2014	2	E2V		Y QP7C1009B-45DMB		625
5962-8959835MZA	T	06/25/2014	1	MERCURY		Y EDI88130CS45TB		625
5962-8959835MZA	T	06/25/2014	2	MICROSS		Y MT5C1008C-45		625
5962-8959835MZA	T	06/25/2014	1	PYRAMID		Y P4C1024-45C4MB		625
5962-8959835VZC	T	06/25/2014		(NONE)		65608-45 (GEN)		625
5962-8959836M7A	T	06/25/2014	1	MICROSS		Y MT5C1008DCJ-35		625
5962-8959836M9A	T	06/25/2014		(NONE)				625
5962-8959836MMA	T	06/25/2014	2	E2V		Y QP7C1009B-35LMB		625
5962-8959836MMA	T	06/25/2014	1	MERCURY		Y EDI88130CS35L32B		625
5962-8959836MMA	T	06/25/2014	1	MICROSS		Y MT5C1008ECA-35		625
5962-8959836MMA	T	06/25/2014	1	PYRAMID		Y P4C1024-35LMB		625
5962-8959836MNA	T	06/25/2014		(NONE)		L7C109-35 (GEN)		625
5962-8959836BTA	T	06/25/2014		(NONE)				625
5962-8959836MTA	T	06/25/2014	2	E2V		Y QP7C1009B-35FMB		625
5962-8959836MTA	T	06/25/2014	1	MERCURY		Y EDI88130CS35FB		625



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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959836MTA	T	06/25/2014	2	MICROSS		Y	MT5C1008F-35	625
5962-8959836MTA	T	06/25/2014	1	PYRAMID		Y	P4C1024-35FSMB	625
5962-8959836VTC	T	06/25/2014		(NONE)			65608-35 (GEN)	625
5962-8959836BUA	T	06/25/2014		(NONE)				625
5962-8959836MUA	T	06/25/2014	1	MERCURY		Y	EDI88130CS35LB	625
5962-8959836MUA	T	06/25/2014	2	MICROSS		Y	MT5C1008EC-35	625
5962-8959836MUA	T	06/25/2014	1	PYRAMID		Y	P4C1024-35L1MB	625
5962-8959836BXA	T	06/25/2014		(NONE)				625
5962-8959836MXA	T	06/25/2014	1	MERCURY		Y	EDI88130CS35CB	625
5962-8959836MXA	T	06/25/2014	2	MICROSS		Y	MT5C1008CW-35	625
5962-8959836MXA	T	06/25/2014	1	PYRAMID		Y	P4C1024-35C6MB	625
5962-8959836MYA	T	06/25/2014	1	MERCURY		Y	EDI88130CS35NB	625
5962-8959836MYA	T	06/25/2014	1	MICROSS		Y	MT5C1008SOJ-35	625
5962-8959836MYA	T	06/25/2014	1	PYRAMID		Y	P4C1024-35CJMB	625
5962-8959836BZA	T	06/25/2014		(NONE)				625
5962-8959836MZA	T	06/25/2014	2	E2V		Y	QP7C1009B-35DMB	625
5962-8959836MZA	T	06/25/2014	1	MERCURY		Y	EDI88130CS35TB	625
5962-8959836MZA	T	06/25/2014	2	MICROSS		Y	MT5C1008C-35	625
5962-8959836MZA	T	06/25/2014	1	PYRAMID		Y	P4C1024-35C4MB	625
5962-8959836VZC	T	06/25/2014		(NONE)			65608-35 (GEN)	625
5962-8959837M7A	T	06/25/2014	1	MICROSS		Y	MT5C1008DCJ-25	625
5962-8959837M9A	T	06/25/2014		(NONE)				625
5962-8959837MMA	T	06/25/2014	2	E2V		Y	QP7C1009B-25LMB	625
5962-8959837MMA	T	06/25/2014	1	MERCURY		Y	EDI88130CS25L32B	625
5962-8959837MMA	T	06/25/2014	1	MICROSS		Y	MT5C1008ECA-25	625
5962-8959837MMA	T	06/25/2014	1	PYRAMID		Y	P4C1024-25LMB	625
5962-8959837MNA	T	06/25/2014		(NONE)	04/01/2000		7C109-25 (GEN)	625
5962-8959837BTA	T	06/25/2014		(NONE)				625
5962-8959837MTA	T	06/25/2014	2	E2V		Y	QP7C1009B-25FMB	625
5962-8959837MTA	T	06/25/2014	1	MERCURY		Y	EDI88130CS25FB	625
5962-8959837MTA	T	06/25/2014	2	MICROSS		Y	MT5C1008F-25	625
5962-8959837MTA	T	06/25/2014	1	PYRAMID		Y	P4C1024-25FSMB	625
5962-8959837BUA	T	06/25/2014		(NONE)				625
5962-8959837MUA	T	06/25/2014	1	MERCURY		Y	EDI88130CS25LB	625
5962-8959837MUA	T	06/25/2014	2	MICROSS		Y	MT5C1008EC-25	625
5962-8959837MUA	T	06/25/2014	1	PYRAMID		Y	P4C1024-25L1MB	625
5962-8959837BXA	T	06/25/2014		(NONE)				625
5962-8959837MXA	T	06/25/2014	1	MERCURY		Y	EDI88130CS25CB	625
5962-8959837MXA	T	06/25/2014	2	MICROSS		Y	MT5C1008CW-25	625
5962-8959837MXA	T	06/25/2014	1	PYRAMID		Y	P4C1024-25C6MB	625
5962-8959837MYA	T	06/25/2014	1	MERCURY		Y	EDI88130CS25NB	625
5962-8959837MYA	T	06/25/2014	1	MICROSS		Y	MT5C1008SOJ-25	625
5962-8959837MYA	T	06/25/2014	1	PYRAMID		Y	P4C1024-25CJMB	625
5962-8959837BZA	T	06/25/2014		(NONE)				625
5962-8959837MZA	T	06/25/2014	2	E2V		Y	QP7C1009B-25DMB	625
5962-8959837MZA	T	06/25/2014	1	MERCURY		Y	EDI88130CS25TB	625
5962-8959837MZA	T	06/25/2014	2	MICROSS		Y	MT5C1008C-25	625
5962-8959837MZA	T	06/25/2014	1	PYRAMID		Y	P4C1024-25C4MB	625
5962-8959838M7A	T	06/25/2014	1	MICROSS		Y	MT5C1008DCJ-20	625

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959838M9A	T	06/25/2014		(NONE)				625
5962-8959838MMA	T	06/25/2014	2	E2V		Y	QP7C1009B-20LMB	625
5962-8959838MMA	T	06/25/2014	1	MERCURY		Y	EDI88130CS20L32B	625
5962-8959838MMA	T	06/25/2014	1	MICROSS		Y	MT5C1008ECA-20	625
5962-8959838MMA	T	06/25/2014	1	PYRAMID		Y	P4C1024-20LMB	625
5962-8959838MNA	T	06/25/2014		(NONE)			L7C109-20 (GEN)	625
5962-8959838BTA	T	06/25/2014		(NONE)				625
5962-8959838MTA	T	06/25/2014	2	E2V		Y	QP7C1009B-20FMB	625
5962-8959838MTA	T	06/25/2014	1	MERCURY		Y	EDI88130CS20FB	625
5962-8959838MTA	T	06/25/2014	1	MICROSS		Y	MT5C1008F-20	625
5962-8959838MTA	T	06/25/2014	1	PYRAMID		Y	P4C1024-20FSMB	625
5962-8959838BUA	T	06/25/2014		(NONE)				625
5962-8959838MUA	T	06/25/2014	1	MERCURY		Y	EDI88130CS20LB	625
5962-8959838MUA	T	06/25/2014	1	MICROSS		Y	MT5C1008EC-20	625
5962-8959838MUA	T	06/25/2014	1	PYRAMID		Y	P4C1024-20L1MB	625
5962-8959838BXA	T	06/25/2014		(NONE)				625
5962-8959838MXA	T	06/25/2014	1	MERCURY		Y	EDI88130CS20CB	625
5962-8959838MXA	T	06/25/2014	1	MICROSS		Y	MT5C1008CW-20	625
5962-8959838MXA	T	06/25/2014	1	PYRAMID		Y	P4C1024-20C6MB	625
5962-8959838MYA	T	06/25/2014	1	MERCURY		Y	EDI88130CS20NB	625
5962-8959838MYA	T	06/25/2014	1	MICROSS		Y	MT5C1008SOJ-20	625
5962-8959838MYA	T	06/25/2014	1	PYRAMID		Y	P4C1024-20CJMB	625
5962-8959838BZA	T	06/25/2014		(NONE)				625
5962-8959838MZA	T	06/25/2014	2	E2V		Y	QP7C1009B-20DMB	625
5962-8959838MZA	T	06/25/2014	1	MERCURY		Y	EDI88130CS20TB	625
5962-8959838MZA	T	06/25/2014	1	MICROSS		Y	MT5C1008C-20	625
5962-8959838MZA	T	06/25/2014	1	PYRAMID		Y	P4C1024-20C4MB	625
5962-8959839M7A	T	06/25/2014	1	MICROSS		Y	MT5C1009DCJ-20	625
5962-8959839M8A	T	06/25/2014	1	MERCURY		Y	EDI88128CS20ZB	625
5962-8959839MMA	T	06/25/2014	1	MICROSS		Y	MT5C1009ECA-20	625
5962-8959839MNA	T	06/25/2014		(NONE)			L7C108-20 (GEN)	625
5962-8959839MTA	T	06/25/2014	1	MERCURY		Y	EDI88128CS20FB	625
5962-8959839MTA	T	06/25/2014	1	MICROSS		Y	MT5C1009F-20	625
5962-8959839MUA	T	06/25/2014	1	MERCURY		Y	EDI88128CS20LB	625
5962-8959839MUA	T	06/25/2014	1	MICROSS		Y	MT5C1009EC-20	625
5962-8959839MUA	T	06/25/2014	1	PYRAMID		Y	P4C1023-20L1MB	625
5962-8959839MXA	T	06/25/2014	1	MERCURY		Y	EDI88128CS20CB	625
5962-8959839MXA	T	06/25/2014	1	MICROSS		Y	MT5C1009CW-20	625
5962-8959839MYA	T	06/25/2014	1	MERCURY		Y	EDI88128CS20NB	625
5962-8959839MYA	T	06/25/2014	1	MICROSS		Y	MT5C1009SOJ-20	625
5962-8959839MZA	T	06/25/2014	1	MERCURY		Y	EDI88128CS20TB	625
5962-8959839MZA	T	06/25/2014	1	MICROSS		Y	MT5C1009C-20	625
5962-8959839MZA	T	06/25/2014	1	PYRAMID		Y	P4C1023-20C4MB	625
5962-8959840M7A	T	06/25/2014	1	MICROSS		Y	MT5C1009DCJ-20L	625
5962-8959840M8A	T	06/25/2014	1	MERCURY		Y	EDI88128LPS20ZB	625
5962-8959840MMA	T	06/25/2014	1	MICROSS		Y	MT5C1009ECA-20L	625
5962-8959840MNA	T	06/25/2014		(NONE)			L7C108-20 (GEN)	625
5962-8959840MTA	T	06/25/2014	1	MERCURY		Y	EDI88128LPS20FB	625
5962-8959840MTA	T	06/25/2014	1	MICROSS		Y	MT5C1009F-20L	625

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## SECTION 1, MICROCIRCUITS

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8959840MUA	T	06/25/2014	1	MERCURY		Y EDI88128LPS20LB		625
5962-8959840MUA	T	06/25/2014	1	MICROSS		Y MT5C1009EC-20L		625
5962-8959840MUA	T	06/25/2014	1	PYRAMID		Y P4C1023L-20L1MB		625
5962-8959840MXA	T	06/25/2014	1	MERCURY		Y EDI88128LPS20CB		625
5962-8959840MXA	T	06/25/2014	1	MICROSS		Y MT5C1009CW-20L		625
5962-8959840MYA	T	06/25/2014	1	MERCURY		Y EDI88128LPS20NB		625
5962-8959840MYA	T	06/25/2014	1	MICROSS		Y MT5C1009SOJ-20L		625
5962-8959840MZA	T	06/25/2014	1	MERCURY		Y EDI88128LPS20TB		625
5962-8959840MZA	T	06/25/2014	1	MICROSS		Y MT5C1009C-20L		625
5962-8959840MZA	T	06/25/2014	1	PYRAMID		Y P4C1023L-20C4MB		625
5962-8959841M7A	T	06/25/2014	1	MICROSS		Y MT5C1008DCJ-15		625
5962-8959841MMA	T	06/25/2014	1	MERCURY		Y EDI88130CS15L32B		625
5962-8959841MMA	T	06/25/2014	1	MICROSS		Y MT5C1008ECA-15		625
5962-8959841MTA	T	06/25/2014	2	E2V		Y QP7C1009B-15FMB		625
5962-8959841MTA	T	06/25/2014	1	MICROSS		Y MT5C1008F-15		625
5962-8959841MUA	T	06/25/2014	1	MICROSS		Y MT5C1008EC-15		625
5962-8959841MXA	T	06/25/2014	1	MICROSS		Y MT5C1008CW-15		625
5962-8959841MYA	T	06/25/2014	1	MICROSS		Y MT5C1008SOJ-15		625
5962-8959841MZA	T	06/25/2014	2	E2V		Y QP7C1009B-15DMB		625
5962-8959841MZA	T	06/25/2014	1	MERCURY		Y EDI88130CS15TB		625
5962-8959841MZA	T	06/25/2014	1	MICROSS		Y MT5C1008C-15		625
5962-8959842QUA	T	06/25/2014	1	PYRAMID		Y P4C1023L-70L1MB		625
5962-8959842MXA	T	06/25/2014	1	MERCURY		Y EDI88128LP70CB		625
5962-8959842MYA	T	06/25/2014	1	MERCURY		Y EDI88128LP70NB		625
5962-8959842QZA	T	06/25/2014	1	PYRAMID		Y P4C1023L-70C4MB		625
5962-8959843QUA	T	06/25/2014	1	PYRAMID		Y P4C1023-70L1MB		625
5962-8959843MXA	T	06/25/2014	1	MERCURY		Y EDI88128C70CB		625
5962-8959843MYA	T	06/25/2014	1	MERCURY		Y EDI88128C70NB		625
5962-8959843QZA	T	06/25/2014	1	PYRAMID		Y P4C1023-70C4MB		625
5962-8959844M7A	T	06/25/2014	1	MICROSS		Y MT5C1009DCJ-15		625
5962-8959844MMA	T	06/25/2014	1	MICROSS		Y MT5C1009ECA-15		625
5962-8959844MTA	T	06/25/2014	1	MICROSS		Y MT5C1009F-15		625
5962-8959844MUA	T	06/25/2014	1	MICROSS		Y MT5C1009EC-15		625
5962-8959844MXA	T	06/25/2014	1	MICROSS		Y MT5C1009CW-15		625
5962-8959844MYA	T	06/25/2014	1	MICROSS		Y MT5C1009SOJ-15		625
5962-8959844MZA	T	06/25/2014	1	MERCURY		Y EDI88128CS15TB		625
5962-8959844MZA	T	06/25/2014	1	MICROSS		Y MT5C1009C-15		625
5962-8959845MMA	T	06/25/2014	1	MERCURY		Y EDI88130CS12L32B		625
5962-8959845MZA	T	06/25/2014	1	MERCURY		Y EDI88130CS12TB		625
5962-8959846MZA	T	06/25/2014	1	MERCURY		Y EDI88128CS12TB		625
5962-8959847Q6A	T	06/25/2014		(NONE)		65608-30 (GEN)		625
5962-8959847V6A	T	06/25/2014	2	ATMEL NANTES		Y SM0-65608EV-30SV		625
5962-8959847QTC	T	06/25/2014	2	ATMEL NANTES		Y MMDJ-65608EV-30MQ		625
5962-8959847VTC	T	06/25/2014	2	ATMEL NANTES		Y SMDJ-65608EV-30SV		625
5962-8959847QZC	T	06/25/2014	2	ATMEL NANTES		Y MMC9-65608EV-30MQ		625
5962-8959847VZC	T	06/25/2014	2	ATMEL NANTES		Y SMC9-65608EV-30SV		625
5962-8959848M7A	T	06/25/2014		(NONE)		7C108-15 (GEN)		625
5962-8959848MTA	T	06/25/2014	1	MERCURY		Y EDI88128LPS15FB		625
5962-8959848MXA	T	06/25/2014		(NONE)		1128K8LC15 (GEN)		625

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5962-8959848MYA	T	06/25/2014		(NONE)			1128K8LC15 (GEN)	625
5962-8959848MZA	T	06/25/2014		(NONE)			7C108-15	625
5962-8959849QTC	T	06/25/2014	2	ATMEL NANTES		Y	AT65609EHV-DJ40MQ	625
5962-8959849VTC	T	06/25/2014	2	ATMEL NANTES		Y	AT65609EHV-DJ40SV	625
5962R8959849VTC	T	06/25/2014	2	ATMEL NANTES		Y	AT65609EHV-DJ40SR	625
5962-8959849QZC	T	06/25/2014	2	ATMEL NANTES		Y	AT65609EHV-C940MQ	625
5962-8959849VZC	T	06/25/2014	2	ATMEL NANTES		Y	AT65609EHV-C940SV	625
5962R8959849VZC	T	06/25/2014	2	ATMEL NANTES		Y	AT65609EHV-C940SR	625
5962-89599012A	D	03/23/2016	3	E2V		Y	54ACT251LMQB	272
5962-89599012A	D	03/23/2016	2	E2V		Y	EV54ACT251LMQB	272
5962-89599012A	D	03/23/2016	3	ROCHESTER		Y	54ACT251/Q2A	272
5962-8959901EA	D	03/23/2016	3	E2V		Y	54ACT251DMQB	272
5962-8959901EA	D	03/23/2016	2	E2V		Y	EV54ACT251DMQB	272
5962-8959901EA	D	03/23/2016	3	ROCHESTER		Y	54ACT251/QEA	272
5962-8959901FA	D	03/23/2016	3	E2V		Y	54ACT251FMQB	272
5962-8959901FA	D	03/23/2016	2	E2V		Y	EV54ACT251FMQB	272
5962-8959901FA	D	03/23/2016	3	ROCHESTER		Y	54ACT251/QFA	272
5962-89601012A	H	06/14/2017	2	E2V	5962-8960101M2A	Y	QP54ACT574LMQB	159
5962-89601012A	H	06/14/2017	3	E2V	5962-8960101M2A	Y	54ACT574LMQB	159
5962-89601012A	H	06/14/2017	3	ROCHESTER	5962-8960101M2A	Y	54ACT574/Q2A	159
5962-8960101B2A	H	06/14/2017	3	E2V		Y	JM54ACT574B2A	159
5962-8960101B2A	H	06/14/2017	2	E2V		Y	QP54ACT574B2A	159
5962-8960101B2A	H	06/14/2017	3	ROCHESTER		Y	54ACT574/B2A	159
5962-8960101M2A	H	06/14/2017	3	E2V		Y	54ACT574LMQB	159
5962-8960101M2A	H	06/14/2017	2	E2V		Y	QP54ACT574LMQB	159
5962-8960101M2A	H	06/14/2017	3	ROCHESTER		Y	54ACT574/M2A	159
5962-8960101S2A	H	06/14/2017		(NONE)			54ACT574 (GEN)	159
5962R8960101B2A	H	06/14/2017		(NONE)			54ACT574 (GEN)	159
5962R8960101S2A	H	06/14/2017		(NONE)			54ACT574 (GEN)	159
5962-8960101BRA	H	06/14/2017	2	E2V		Y	QP54ACT574BRA	159
5962-8960101BRA	H	06/14/2017	3	E2V		Y	JM54ACT574BRA	159
5962-8960101BRA	H	06/14/2017	3	ROCHESTER		Y	54ACT574/BRA	159
5962-8960101MRA	H	06/14/2017	3	E2V		Y	54ACT574DMQB	159
5962-8960101MRA	H	06/14/2017	2	E2V		Y	QP54ACT574DMQB	159
5962-8960101MRA	H	06/14/2017	3	ROCHESTER		Y	54ACT574/MRA	159
5962-8960101RA	H	06/14/2017	2	E2V	5962-8960101MRA	Y	QP54ACT574DMQB	159
5962-8960101RA	H	06/14/2017	3	E2V	5962-8960101MRA	Y	54ACT574DMQB	159
5962-8960101RA	H	06/14/2017	3	ROCHESTER	5962-8960101MRA	Y	54ACT574/QRA	159
5962-8960101SRA	H	06/14/2017		(NONE)			54ACT574 (GEN)	159
5962R8960101BRA	H	06/14/2017		(NONE)			54ACT574 (GEN)	159
5962R8960101SRA	H	06/14/2017		(NONE)			54ACT574 (GEN)	159
5962-8960101BSA	H	06/14/2017	3	E2V		Y	JM54ACT574BSA	159
5962-8960101BSA	H	06/14/2017	2	E2V		Y	QP54ACT574BSA	159
5962-8960101BSA	H	06/14/2017	3	ROCHESTER		Y	54ACT574/BSA	159
5962-8960101MSA	H	06/14/2017	3	E2V		Y	54ACT574FMQB	159
5962-8960101MSA	H	06/14/2017	2	E2V		Y	QP54ACT574FMQB	159
5962-8960101MSA	H	06/14/2017	3	ROCHESTER		Y	54ACT574/MSA	159
5962-8960101SA	H	06/14/2017	2	E2V	5962-8960101MSA	Y	QP54ACT574FMQB	159
5962-8960101SA	H	06/14/2017	3	E2V	5962-8960101MSA	Y	54ACT574FMQB	159

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5962-8960101SA	H	06/14/2017	3	ROCHESTER	5962-8960101MSA	Y	54ACT574/QSA	159
5962-8960101SSA	H	06/14/2017		(NONE)	03/05/2002		54ACT574 (GEN)	159
5962R8960101BSA	H	06/14/2017		(NONE)			54ACT574 (GEN)	159
5962R8960101SSA	H	06/14/2017		(NONE)	03/05/2002		54ACT574 (GEN)	159
5962R8960101SZA	H	06/14/2017		(NONE)			54ACT574 (GEN)	159
5962-8960102QXA	H	06/14/2017		(NONE)			54ACT574 (GEN)	159
5962-8960102VXA	H	06/14/2017		(NONE)			54ACT574 (GEN)	159
5962F8960102QXA	H	06/14/2017	2	STMICRO		Y	RHFACT574K02Q	159
5962F8960102QXC	H	06/14/2017	2	STMICRO		Y	RHFACT574K01Q	159
5962F8960102VXA	H	06/14/2017	2	STMICRO		Y	RHFACT574K02V	159
5962F8960102VXC	H	06/14/2017	2	STMICRO		Y	RHFACT574K01V	159
5962-89602012A	C	11/03/2016		(NONE)	11/28/2015		54ALS541 (GEN)	529
5962-8960201RA	C	11/03/2016	2	TI		Y	SNJ54ALS541J	529
5962-8960201SA	C	11/03/2016	2	TI		Y	SNJ54ALS541W	529
5962-89603012A	B	10/19/2011	3	TI		Y	SNJ54HC590AFK	304
5962-8960301EA	B	10/19/2011	3	TI		Y	SNJ54HC590AJ	304
5962-8960301FA	B	10/19/2011	3	TI		Y	SNJ54HC590AW	304
5962-8960401CA	D	04/04/2016	1	ROCHESTER			UHD432/883	512
5962-8960401DA	D	04/04/2016	1	ROCHESTER			UHC432/883	512
5962-8960402CA	D	04/04/2016	1	ROCHESTER			UHD432-1/883	512
5962-8960402DA	D	04/04/2016	1	ROCHESTER			UHC432-1/883	512
5962-8960403CA	D	04/04/2016	1	ROCHESTER			UHD532/883	512
5962-8960403DA	D	04/04/2016	1	ROCHESTER			UHC532/883	512
5962-8960901EA	B	04/19/2012	1	TI		Y	CD54HC4046AF3A	803
5962-8961001XA	H	11/19/2018	1C	LINEAR TECH.		Y	LT1009MH/883	785
5962-8961001XA	H	11/19/2018	1	MICROSS		Y	MTLT1009QH	785
5962R8961002V9A	H	11/19/2018	1C	LINEAR TECH.		Y	RH1009DICE	785
5962R8961002VHA	H	11/19/2018	1C	LINEAR TECH.		Y	RH1009MW	785
5962R8961002VXC	H	11/19/2018	1C	LINEAR TECH.		Y	RH1009MH	785
5962-89611012A	D	02/22/2018	1	TI		Y	UC1706L/883B	787
5962-8961101EA	D	02/22/2018	1	TI		Y	UC1706J/883B	787
5962-8961401MXA	H	03/01/2017	2	E2V			AT27C010L-30DMB	664
5962-8961401MXA	H	03/01/2017	1	E2V			WS27C010L-30DMB	664
5962-8961401XA	H	03/01/2017	2	E2V	5962-8961401MXA		AT27C010L-30DMB	664
5962-8961401MYA	H	03/01/2017	1	E2V			WS27C010L-30CMB	664
5962-8961401MYA	H	03/01/2017	2	E2V			AT27C010L-30LMB	664
5962-8961401MYC	H	03/01/2017	2	E2V			AT27C010L-30LMB	664
5962-8961401MYC	H	03/01/2017	1	E2V			WS27C010L-30CMB	664
5962-8961401YA	H	03/01/2017	2	E2V	5962-8961401MYA		AT27C010L-30LMB	664
5962-8961401MZA	H	03/01/2017		(NONE)				664
5962-8961402MXA	H	03/01/2017	2	E2V			AT27C010L-25DMB	664
5962-8961402MXA	H	03/01/2017	1	E2V			WS27C010L-25DMB	664
5962-8961402XA	H	03/01/2017	2	E2V	5962-8961402MXA		AT27C010L-25DMB	664
5962-8961402MYA	H	03/01/2017	1	E2V			WS27C010L-25CMB	664
5962-8961402MYA	H	03/01/2017	2	E2V			AT27C010L-25LMB	664
5962-8961402MYC	H	03/01/2017	2	E2V			AT27C010L-25LMB	664
5962-8961402MYC	H	03/01/2017	1	E2V			WS27C010L-25CMB	664
5962-8961402YA	H	03/01/2017	2	E2V	5962-8961402MYA		AT27C010L-25LMB	664
5962-8961402MZA	H	03/01/2017		(NONE)				664



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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-8961403MXA	H	03/01/2017	2	E2V			AT27C010L-20DMB	664
5962-8961403MXA	H	03/01/2017	1	E2V			WS27C010L-20DMB	664
5962-8961403QXA	H	03/01/2017		(NONE)			27C010A-20 (GEN)	664
5962-8961403XA	H	03/01/2017	2	E2V	5962-8961403MXA		AT27C010L-20DMB	664
5962-8961403MYA	H	03/01/2017	1	E2V			WS27C010L-20CMB	664
5962-8961403MYA	H	03/01/2017	2	E2V			AT27C010L-20LMB	664
5962-8961403MYC	H	03/01/2017	2	E2V			AT27C010L-20LMB	664
5962-8961403MYC	H	03/01/2017	1	E2V			WS27C010L-20CMB	664
5962-8961403QYA	H	03/01/2017		(NONE)			27C010A-20 (GEN)	664
5962-8961403YA	H	03/01/2017	2	E2V	5962-8961403MYA		AT27C010L-20LMB	664
5962-8961403MZA	H	03/01/2017		(NONE)				664
5962-8961404MXA	H	03/01/2017	2	E2V			AT27C010L-17DMB	664
5962-8961404MXA	H	03/01/2017	1	E2V			WS27C010L-17DMB	664
5962-8961404XA	H	03/01/2017	2	E2V	5962-8961404MXA		AT27C010L-17DMB	664
5962-8961404MYA	H	03/01/2017	2	E2V			AT27C010L-17LMB	664
5962-8961404MYA	H	03/01/2017	1	E2V			WS27C010L-17CMB	664
5962-8961404MYC	H	03/01/2017	2	E2V			AT27C010L-17LMB	664
5962-8961404MYC	H	03/01/2017	1	E2V			WS27C010L-17CMB	664
5962-8961404QYA	H	03/01/2017		(NONE)			27C010A-17 (GEN)	664
5962-8961404YA	H	03/01/2017	2	E2V	5962-8961404MYA		AT27C010L-17LMB	664
5962-8961404MZA	H	03/01/2017		(NONE)	10/27/1995		27CT010-17 (GEN)	664
5962-8961405MXA	H	03/01/2017	2	E2V			AT27C010L-15DMB	664
5962-8961405MXA	H	03/01/2017	1	E2V			WS27C010L-15DMB	664
5962-8961405QXA	H	03/01/2017		(NONE)			27C010A-15 (GEN)	664
5962-8961405XA	H	03/01/2017	2	E2V	5962-8961405MXA		AT27C010L-15DMB	664
5962-8961405MYA	H	03/01/2017	2	E2V			AT27C010L-15LMB	664
5962-8961405MYA	H	03/01/2017	1	E2V			WS27C010L-15CMB	664
5962-8961405MYC	H	03/01/2017	2	E2V			AT27C010L-15LMB	664
5962-8961405MYC	H	03/01/2017	1	E2V			WS27C010L-15CMB	664
5962-8961405QYA	H	03/01/2017		(NONE)			27C010A-15 (GEN)	664
5962-8961405YA	H	03/01/2017	2	E2V	5962-8961405MYA		AT27C010L-15LMB	664
5962-8961406MXA	H	03/01/2017	2	E2V			AT27C010L-12DMB	664
5962-8961406MXA	H	03/01/2017	1	E2V			WS27C010L-12DMB	664
5962-8961406QXA	H	03/01/2017		(NONE)			27C010A-12 (GEN)	664
5962-8961406XA	H	03/01/2017	2	E2V	5962-8961406MXA		AT27C010L-12DMB	664
5962-8961406MYA	H	03/01/2017	2	E2V			AT27C010L-12LMB	664
5962-8961406MYA	H	03/01/2017	1	E2V			WS27C010L-12CMB	664
5962-8961406MYC	H	03/01/2017	2	E2V			AT27C010L-12LMB	664
5962-8961406MYC	H	03/01/2017	1	E2V			WS27C010L-12CMB	664
5962-8961406QYA	H	03/01/2017		(NONE)			27C010A-12 (GEN)	664
5962-8961406YA	H	03/01/2017	2	E2V	5962-8961406MYA		AT27C010L-12LMB	664
5962-8961407MXA	H	03/01/2017	1	E2V			WS57C010F-90DMB	664
5962-8961407MYA	H	03/01/2017	1	E2V			WS57C010F-90CMB	664
5962-8961407MYC	H	03/01/2017	1	E2V			WS57C010F-90CMB	664
5962-8961408MXA	H	03/01/2017	1	E2V			WS57C010F-70DMB	664
5962-8961408MYA	H	03/01/2017	1	E2V			WS57C010F-70CMB	664
5962-8961408MYC	H	03/01/2017	1	E2V			WS57C010F-70CMB	664
5962-8961409MXA	H	03/01/2017	1	E2V			WS57C010F-55DMB	664
5962-8961409MYA	H	03/01/2017	1	E2V			WS57C010F-55CMB	664



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5962-8961409MYC	H	03/01/2017	1	E2V			WS57C010F-55CMB	664
5962-8961410MXA	H	03/01/2017	2	E2V			AT27C010L-15DMB	664
5962-8961410MYA	H	03/01/2017	2	E2V			AT27C010L-15LMB	664
5962-8961411MXA	H	03/01/2017	2	E2V			AT27C010L-12DMB	664
5962-8961411MYA	H	03/01/2017	2	E2V			AT27C010L-12LMB	664
5962-8961412MXA	H	03/01/2017	2	E2V			AT27C010L-90DMB	664
5962-8961412MYA	H	03/01/2017	2	E2V			AT27C010L-90LMB	664
5962-8961413MXA	H	03/01/2017	1	E2V			WS57C010F-70DMB	664
5962-8961413QXA	H	03/01/2017		(NONE)	05/30/1999		27H010-70 (GEN)	664
5962-8961413MYA	H	03/01/2017	1	E2V			WS57C010F-70CMB	664
5962-8961413MYC	H	03/01/2017	1	E2V			WS57C010F-70CMB	664
5962-8961413QYA	H	03/01/2017		(NONE)	05/30/1999		27H010-70 (GEN)	664
5962-8961414MXA	H	03/01/2017	1	E2V			WS57C010F-55DMB	664
5962-8961414QXA	H	03/01/2017		(NONE)	05/30/1999		27H010-55 (GEN)	664
5962-8961414MYA	H	03/01/2017	1	E2V			WS57C010F-55CMB	664
5962-8961414MYC	H	03/01/2017	1	E2V			WS57C010F-55CMB	664
5962-8961414QYA	H	03/01/2017		(NONE)	05/30/1999		27H010-55 (GEN)	664
5962-8961415MXA	H	03/01/2017	1	E2V			WS57C010F-45DMB	664
5962-8961415QXA	H	03/01/2017		(NONE)	05/30/1999		27H010-45 (GEN)	664
5962-8961415MYA	H	03/01/2017	1	E2V			WS57C010F-45CMB	664
5962-8961415MYC	H	03/01/2017	1	E2V			WS57C010F-45CMB	664
5962-8961415QYA	H	03/01/2017		(NONE)	05/30/1999		27H010-45 (GEN)	664
5962-8961416MXA	H	03/01/2017	1	E2V			WS57C010F-35DMB	664
5962-8961416QXA	H	03/01/2017		(NONE)	05/30/1999		27H010-35 (GEN)	664
5962-8961416MYA	H	03/01/2017	1	E2V			WS57C010F-35CMB	664
5962-8961416MYC	H	03/01/2017	1	E2V			WS57C010F-35CMB	664
5962-8961416QYA	H	03/01/2017		(NONE)	05/30/1999		27H010-35 (GEN)	664
5962-8961417QXA	H	03/01/2017		(NONE)			27C010A-20 (GEN)	664
5962-8961417QYA	H	03/01/2017	1	MICROSS		Y	AS27C010A-20ECAM	664
5962-8961418QYA	H	03/01/2017	1	MICROSS		Y	AS27C010A-17ECAM	664
5962-8961419QXA	H	03/01/2017		(NONE)			27C010A-15 (GEN)	664
5962-8961419QYA	H	03/01/2017	1	MICROSS		Y	AS27C010A-15ECAM	664
5962-8961420QXA	H	03/01/2017		(NONE)			27C010A-12 (GEN)	664
5962-8961420QYA	H	03/01/2017	1	MICROSS		Y	AS27C010A-12ECAM	664
5962-89615012A	G	02/26/2018	1	TI		Y	DS16F95E/883	590
5962F8961501V9A	G	02/26/2018	1	TI		Y	DS16F95 MDR	590
5962-8961501HA	G	02/26/2018		(NONE)	12/03/2008		DS16F95 (GEN)	590
5962-8961501VHA	G	02/26/2018		(NONE)	12/03/2008		DS16F95 (GEN)	590
5962F8961501QHA	G	02/26/2018		(NONE)	12/03/2008		DS16F95 (GEN)	590
5962F8961501VHA	G	02/26/2018	1	TI		Y	DS16F95WFQMLV	590
5962-8961501PA	G	02/26/2018	1	TI		Y	DS16F95J/883	590
5962-8961501VPA	G	02/26/2018		(NONE)	12/03/2008		DS16F95 (GEN)	590
5962F8961501QPA	G	02/26/2018		(NONE)	12/03/2008		DS16F95 (GEN)	590
5962F8961501VPA	G	02/26/2018		(NONE)	12/03/2008		DS16F95 (GEN)	590
5962-8961501QXA	G	02/26/2018		(NONE)	12/03/2008		DS16F95 (GEN)	590
5962-8961501VXA	G	02/26/2018		(NONE)	12/03/2008		DS16F95 (GEN)	590
5962F8961501QXA	G	02/26/2018		(NONE)	12/03/2008		DS16F95 (GEN)	590
5962F8961501VXA	G	02/26/2018		(NONE)	12/03/2008		DS16F95 (GEN)	590
5962-8961601VA	E	12/07/2018		(NONE)			ADC908A (GEN)	592

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5962-89616022A	E	12/07/2018		(NONE)			ADC908B (GEN)	592
5962-8961602VA	E	12/07/2018		(NONE)			ADC908B (GEN)	592
5962-89616032C	E	12/07/2018		(NONE)	04/15/2015		7574T (GEN)	592
5962-8961603VA	E	12/07/2018		(NONE)			7574T (GEN)	592
5962-89616042C	E	12/07/2018		(NONE)	04/15/2015		7574S (GEN)	592
5962-8961604VA	E	12/07/2018	1	MAXIM INTEG.			MX7574SQ/883B	592
5962-8961701LA	C	07/23/2018	1	ANALOG (2)		Y	AD767SD/883B	591
5962-89620012A	E	01/31/2011		(NONE)	12/10/2015		HA-5020 (GEN)	899
5962-8962001PA	E	01/31/2011		(NONE)	10/03/2004		HA-5020 (GEN)	899
5962-89621012A	F	11/07/2016		(NONE)			LM6161 (GEN)	701
5962-8962101HA	F	11/07/2016		(NONE)			LM6161 (GEN)	701
5962-8962101PA	F	11/07/2016		(NONE)			LM6161 (GEN)	701
5962-8962101VPA	F	11/07/2016		(NONE)			LM6161 (GEN)	701
5962-8962101VXA	F	11/07/2016		(NONE)	12/06/2005		LM6161 (GEN)	701
5962-8962101XA	F	11/07/2016		(NONE)	12/06/2005		LM6161 (GEN)	701
5962-8962201GA	C	06/15/2015	1	MICROSS		Y	MTLT1022AQH	703
5962-8962202GA	C	06/15/2015	1	MICROSS		Y	MTLT1022QH	703
5962-89623012A	A	02/22/2007		(NONE)			EL2003 (GEN)	899
5962-8962301GA	A	02/22/2007		(NONE)			EL2003 (GEN)	899
5962-8962301PA	A	02/22/2007		(NONE)			EL2003 (GEN)	899
5962-8962302PA	A	02/22/2007		(NONE)			EL2033 (GEN)	899
5962-89624012A	E	08/10/2010		(NONE)			LM6164 (GEN)	701
5962-8962401HA	E	08/10/2010		(NONE)			LM6164 (GEN)	701
5962-8962401PA	E	08/10/2010		(NONE)	12/06/2005		LM6164 (GEN)	701
5962-8962401VPA	E	08/10/2010		(NONE)			LM6164 (GEN)	701
5962-8962401VXA	E	08/10/2010		(NONE)			LM6164 (GEN)	701
5962-8962401XA	E	08/10/2010		(NONE)			LM6164 (GEN)	701
5962-89625012A	E	08/18/2010		(NONE)			LM6165 (GEN)	702
5962-8962501HA	E	08/18/2010		(NONE)			LM6165 (GEN)	702
5962-8962501PA	E	08/18/2010		(NONE)	12/06/2005		LM6165 (GEN)	702
5962-8962501VPA	E	08/18/2010		(NONE)	12/06/2005		LM6165 (GEN)	702
5962-8962501VXA	E	08/18/2010		(NONE)	12/03/2008		LM6165 (GEN)	702
5962-8962501XA	E	08/18/2010		(NONE)	12/03/2008		LM6165 (GEN)	702
5962-8962601XA	D	08/20/2018		MICROSEMI (1)		Y	SG7806AT/883B	782
5962-8962601YA	D	08/20/2018		MICROSEMI (1)		Y	SG7806AK/883B	782
5962-8962601ZA	D	08/20/2018		MICROSEMI (1)		Y	SG7806AR/883B	782
5962-89627012A	B	01/08/2008		(NONE)	03/30/2000		HA-5127 (GEN)	719
5962-8962701GC	B	01/08/2008		(NONE)			HA-5127 (GEN)	719
5962-8962701PA	B	01/08/2008		(NONE)	10/03/2004		HA-5127 (GEN)	719
5962-89627022A	B	01/08/2008		(NONE)	09/29/1995		HA-5137 (GEN)	755
5962-8962702GC	B	01/08/2008		(NONE)	09/29/1995		HA-5137 (GEN)	755
5962-8962702PA	B	01/08/2008		(NONE)	09/29/1995		HA-5137 (GEN)	755
5962-89627032A	B	01/08/2008		(NONE)	06/28/2002		HA-5147 (GEN)	755
5962-8962703GC	B	01/08/2008		(NONE)	12/24/2000		HA-5147 (GEN)	755
5962-8962703PA	B	01/08/2008		(NONE)	12/24/2000		HA-5147 (GEN)	755
5962-8962801UA	F	10/12/2017	1	MICROSEMI (1)		Y	SG7808AIG/883B	782
5962-8962801XA	F	10/12/2017	1	MICROSEMI (1)		Y	SG7808AT/883B	782
5962-8962801YA	F	10/12/2017	1	MICROSEMI (1)		Y	SG7808AK/883B	782
5962-8962801ZA	F	10/12/2017	1	MICROSEMI (1)		Y	SG7808AR/883B	782

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5962-89629013A	C	09/21/2018	1	ANALOG (3)		Y AD7569SE/883B		599
5962-8962901LA	C	09/21/2018		(NONE)		AD7569S (GEN)		599
5962-8962902LA	C	09/21/2018	1	ANALOG (3)		Y AD7569TQ/883B		599
5962-8963001EA	A	06/13/2001		(NONE)	12/01/2009	78C120 (GEN)		573
5962-89631012A	B	06/01/2010		(NONE)	09/29/1995	HA5111 (GEN)		721
5962-8963101GC	B	06/01/2010		(NONE)	09/29/1995	HA5111 (GEN)		721
5962-8963101PA	B	06/01/2010		(NONE)	09/29/1995	HA5111 (GEN)		721
5962-89632012A	B	06/07/2010		(NONE)	09/29/1995	HA5112 (GEN)		710
5962-8963201GC	B	06/07/2010		(NONE)	09/29/1995	HA5112 (GEN)		710
5962-8963201PA	B	06/07/2010		(NONE)		HA5112 (GEN)		710
5962-8963301XA	C	12/02/2009		(NONE)		HA5033 (GEN)		830
5962-89634012A	E	05/02/2018	1	ROCHESTER		Y HA4-5114/883		713
5962-8963401CA	E	05/02/2018	1	ROCHESTER		Y HA1-5114/883		713
5962-89635012A	C	04/11/2016	1	RENESAS		Y HA4-5101		701
5962-8963501GA	C	04/11/2016		(NONE)		HA5101 (GEN)		701
5962-8963501PA	C	04/11/2016	1	RENESAS		Y HA7-5101		701
5962-89636012A	E	05/04/2016	3	RENESAS		Y HA4-5002		821
5962-8963601GC	E	05/04/2016	3	RENESAS		Y HA2-5002		821
5962-8963601PA	E	05/04/2016	3	RENESAS		Y HA7-5002		821
5962-8963701CA	C	07/07/2016	1	ANALOG (2)		Y AD637SQ/883B		594
5962-89638012A	A	08/09/2010		(NONE)		TSC170 (GEN)		899
5962-8963801EA	A	08/09/2010		(NONE)		TSC170 (GEN)		899
5962-89638022A	A	08/09/2010		(NONE)		TSC171 (GEN)		899
5962-8963802EA	A	08/09/2010		(NONE)		TSC171 (GEN)		899
5962-8963901VA	A	02/18/2010		(NONE)		LM604 (GEN)		739
5962-89640012A	C	03/10/2011		(NONE)		AD840 (GEN)		755
5962-8964001CA	C	03/10/2011		(NONE)		AD840 (GEN)		755
5962-89641012A	F	09/13/2018	1	ANALOG (2)		Y AD841SE/883B		702
5962-8964101CA	F	09/13/2018		(NONE)	10/27/2012	AD841 (GEN)		702
5962-8964101XA	F	09/13/2018		(NONE)		AD841 (GEN)		702
5962-89642012A	E	06/18/2015		(NONE)	01/29/2015	AD842 (GEN)		755
5962-8964201CA	E	06/18/2015		(NONE)	01/29/2015	AD842 (GEN)		755
5962-8964201XA	E	06/18/2015		(NONE)	01/29/2015	AD842 (GEN)		755
5962-8964301XA	C	10/09/2018	1	ROCHESTER		Y HA2-2542/883		755
5962-8964301XC	C	10/09/2018	1	ROCHESTER		Y HA2-2542/883		755
5962-8964401V2A	E	09/21/2017		(NONE)	08/31/2011	AD844 (GEN)		755
5962R8964401V2A	E	09/21/2017		(NONE)	08/31/2011	AD844 (GEN)		755
5962-8964401PA	E	09/21/2017	1	ANALOG (2)		Y AD844SQ/883B		755
5962-8964401VPA	E	09/21/2017		(NONE)	04/01/2014	AD844S (GEN)		755
5962R8964401VPA	E	09/21/2017	1	ANALOG (4)		Y AD844SQ/QMLR		755
5962L8964402VPA	E	09/21/2017	1	ANALOG (4)		Y AD844SQ/QMLL		755
5962-8964501PA	D	09/17/2018	1	ANALOG (2)		Y AD845SQ/883B		719
5962-8964601PA	B	02/25/2008		(NONE)		AD846S (GEN)		701
5962-8964701PA	C	07/21/2015	1	ANALOG (2)		Y AD847SQ/883		702
5962-89648012A	B	05/05/2009		(NONE)	03/31/1995	HA2540 (GEN)		755
5962-8964801CA	B	05/05/2009		(NONE)	10/03/2004	HA-2540 (GEN)		755
5962-89648022A	B	05/05/2009		(NONE)	09/30/1993	EL-2040 (GEN)		755
5962-8964802CA	B	05/05/2009		(NONE)	09/30/1993	EL-2040 (GEN)		755
5962-89652012A		02/23/1990		(NONE)	09/01/1996	54FCT399 (GEN)		249

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5962-8965201EA		02/23/1990		(NONE)	09/01/1996		54FCT399 (GEN)	249
5962-8965201FA		02/23/1990		(NONE)	09/01/1996		54FCT399 (GEN)	249
5962-89652022A		02/23/1990		(NONE)	09/01/1996		54FCT399A (GEN)	249
5962-8965202EA		02/23/1990		(NONE)	09/01/1996		54FCT399A (GEN)	249
5962-8965202FA		02/23/1990		(NONE)	09/01/1996		54FCT399A (GEN)	249
5962-8965301LA	B	01/07/2009		(NONE)			BT102 (GEN)	591
5962-89654013A	D	11/14/2001		(NONE)	09/30/2000		AD9012S (GEN)	592
5962-8965401XA	D	11/14/2001		(NONE)	05/28/2005		AD9012S (GEN)	592
5962-89654023A	D	11/14/2001		(NONE)	09/30/2000		AD9012T (GEN)	592
5962-8965402XA	D	11/14/2001		(NONE)	05/28/2005		AD9012T (GEN)	592
5962-8965501LA	B	06/30/2004		(NONE)			AD7672TQ10 (GEN)	592
5962-8965502LA	B	06/30/2004		(NONE)			AD7672UQ10 (GEN)	592
5962-8965503LA	B	06/30/2004		(NONE)			AD7672TQ05 (GEN)	592
5962-8965504LA	B	06/30/2004		(NONE)			AD7672UQ05 (GEN)	592
5962-89656012A	B	05/12/2009		(NONE)			HA-5141 (GEN)	701
5962-8965601GA	B	05/12/2009		(NONE)			HA-5141 (GEN)	701
5962-8965601PA	B	05/12/2009		(NONE)			HA-5141 (GEN)	701
5962-89656022A	B	05/12/2009		(NONE)			HA-5142 (GEN)	710
5962-8965602GA	B	05/12/2009		(NONE)			HA-5142 (GEN)	710
5962-8965602PA	B	05/12/2009		(NONE)			HA-5142 (GEN)	710
5962-89656032A	B	05/12/2009		(NONE)			HA-5144 (GEN)	713
5962-8965603CA	B	05/12/2009		(NONE)			HA-5144 (GEN)	713
5962-8965701LA	D	02/19/2019		(NONE)			7547S (GEN)	591
5962-89657023A	D	02/19/2019	1	ANALOG (3)		Y	AD7547TE/883B	591
5962-8965702LA	D	02/19/2019		(NONE)	07/27/2015		7547T (GEN)	591
5962-8965703LA	D	02/19/2019		(NONE)			7547U (GEN)	591
5962-89658012A	B	04/10/2012	3	E2V		Y	54ACT534LMQB	159
5962-89658012A	B	04/10/2012	3	ROCHESTER		Y	54ACT534/Q2A	159
5962-8965801RA	B	04/10/2012	3	E2V		Y	54ACT534DMQB	159
5962-8965801RA	B	04/10/2012	3	ROCHESTER		Y	54ACT534/QRA	159
5962-8965801SA	B	04/10/2012	3	E2V		Y	54ACT534FMQB	159
5962-8965801SA	B	04/10/2012	3	ROCHESTER		Y	54ACT534/QSA	159
5962-89658023A	B	04/10/2012	1	ROCHESTER			54ACT11534/B3A	159
5962-8965802LA	B	04/10/2012	1	ROCHESTER			54ACT11534/BLA	159
5962-8965901XA		09/04/1990		(NONE)	11/30/1997		EL2004 (GEN)	899
5962-8965901XC		09/04/1990		(NONE)	11/30/1997		EL2004 (GEN)	899
5962-8965901YA		09/04/1990		(NONE)			EL2004 (GEN)	899
5962-89661013A	B	11/06/2017		(NONE)	05/10/1995		7C409A-15 (GEN)	670
5962-8966101XA	B	11/06/2017		(NONE)	05/31/1998		7C409A-15 (GEN)	670
5962-8966101YA	B	11/06/2017		(NONE)			7C409A-15 (GEN)	670
5962-89661023A	B	11/06/2017		(NONE)	05/10/1995		7C409A-25 (GEN)	670
5962-8966102XA	B	11/06/2017		(NONE)	05/31/1998		7C409A-25 (GEN)	670
5962-8966102YA	B	11/06/2017		(NONE)			7C409A-25 (GEN)	670
5962-89663012A	A	02/04/2010		(NONE)			54AS286 (GEN)	210
5962-8966301CA	A	02/04/2010		(NONE)			54AS286 (GEN)	210
5962-8966301DA	A	02/04/2010		(NONE)			54AS286 (GEN)	210
5962-89664013A	C	09/11/2015	2	E2V		Y	CY7C408A-15LMB	670
5962-8966401XA	C	09/11/2015	2	E2V		Y	CY7C408A-15DMB	670
5962-8966401YA	C	09/11/2015	2	E2V		Y	CY7C408A-15KMB	670

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5962-89664023A	C	09/11/2015	2	E2V		Y	CY7C408A-25LMB	670
5962-8966402XA	C	09/11/2015	2	E2V		Y	CY7C408A-25DMB	670
5962-8966402YA	C	09/11/2015	2	E2V		Y	CY7C408A-25KMB	670
5962-89665013A		11/30/1989		(NONE)	04/27/1998		54FCT824A (GEN)	229
5962-8966501KA		11/30/1989		(NONE)	04/27/1998		54FCT824A (GEN)	229
5962-8966501LA		11/30/1989		(NONE)	04/27/1998		54FCT824A (GEN)	229
5962-89665023A		11/30/1989		(NONE)	04/27/1998		54FCT824B (GEN)	229
5962-8966502KA		11/30/1989		(NONE)	04/27/1998		54FCT824B (GEN)	229
5962-8966502LA		11/30/1989		(NONE)	04/27/1998		54FCT824B (GEN)	229
5962-8966601UA	D	10/21/2015		(NONE)				670
5962-8966601XA	D	10/21/2015		(NONE)	10/29/2001		7200L120 (GEN)	670
5962-8966601YA	D	10/21/2015		(NONE)				670
5962-8966601ZA	D	10/21/2015		(NONE)				670
5962-8966602UA	D	10/21/2015		(NONE)				670
5962-8966602XA	D	10/21/2015		(NONE)	10/29/2001		7200L80 (GEN)	670
5962-8966602YA	D	10/21/2015		(NONE)				670
5962-8966602ZA	D	10/21/2015		(NONE)				670
5962-8966603UA	D	10/21/2015		(NONE)				670
5962-8966603XA	D	10/21/2015		(NONE)	10/29/2001		7200L65 (GEN)	670
5962-8966603YA	D	10/21/2015		(NONE)				670
5962-8966603ZA	D	10/21/2015		(NONE)				670
5962-8966604UA	D	10/21/2015		(NONE)				670
5962-8966604XA	D	10/21/2015		(NONE)	10/29/2001		7200L50 (GEN)	670
5962-8966604YA	D	10/21/2015		(NONE)				670
5962-8966604ZA	D	10/21/2015		(NONE)				670
5962-8966605UA	D	10/21/2015		(NONE)				670
5962-8966605XA	D	10/21/2015		(NONE)	10/29/2001		7200L40 (GEN)	670
5962-8966605YA	D	10/21/2015		(NONE)				670
5962-8966605ZA	D	10/21/2015		(NONE)				670
5962-8966606UA	D	10/21/2015		(NONE)				670
5962-8966606XA	D	10/21/2015	1	IDT		Y	IDT7200L30TDB	670
5962-8966606YA	D	10/21/2015		(NONE)				670
5962-8966606ZA	D	10/21/2015		(NONE)				670
5962-8966701PA	C	11/16/2017		(NONE)	01/07/2000		24C16 (GEN)	658
5962-89668013A	C	05/25/2018		(NONE)	11/28/2015		54AS867 (GEN)	304
5962-8966801KA	C	05/25/2018		(NONE)	11/28/2015		54AS867 (GEN)	304
5962-8966801LA	C	05/25/2018	1	TI			SNJ54AS867JT	304
5962-89669012A	C	01/03/2019	1	ANALOG (2)		Y	SW06BRC/883	183
5962-8966901EA	C	01/03/2019	1	ANALOG (2)		Y	SW06BQ/883	183
5962-89670013A	B	10/23/2007		(NONE)	04/16/2002		OP490A (GEN)	713
5962-8967001CA	B	10/23/2007		(NONE)	04/16/2002		OP490A (GEN)	713
5962-89671013A	C	04/17/2015		(NONE)			DAC8221A (GEN)	591
5962-8967101LA	C	04/17/2015	1	ANALOG (2)		Y	DAC8221AW	591
5962-8967201LA	A	07/25/2001		(NONE)	04/30/2003		DAC8222A (GEN)	591
5962-8967301CA	A	11/14/2008		(NONE)	04/14/2001		OP50A (GEN)	724
5962-8967302CA	A	11/14/2008		(NONE)	04/14/2001		OP50B (GEN)	724
5962-8967401QC	E	10/22/2018	2	XTREME		Y	5014-SD14B	592
5962-8967401XC	E	10/22/2018	2	XTREME		Y	5014-SE14B	592
5962-8967402QC	E	10/22/2018	2	XTREME		Y	5014-TD14B	592



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5962-8967402XC	E	10/22/2018	2	XTREME		Y 5014-TE14B		592
5962-8967601QC	E	10/26/2018	2	XTREME		Y 5016-SD16B		592
5962-8967601XC	E	10/26/2018	2	XTREME		Y 5016-SE16B		592
5962-8967602QC	E	10/26/2018	2	XTREME		Y 5016-TD16B		592
5962-8967602XC	E	10/26/2018	2	XTREME		Y 5016-TE16B		592
5962-89677012A	K	01/07/2016	1	TI		Y LT1014AMFKB		713
5962-8967701CA	K	01/07/2016	1	TI		Y LT1014AMJB		713
5962-8967701XA	K	01/07/2016		(NONE)		LT1014A (GEN)		713
5962-89677022A	K	01/07/2016	1	TI		Y LT1014MFKB		713
5962-8967702CA	K	01/07/2016	1	TI		Y LT1014MJB		713
5962-8967702DA	K	01/07/2016		(NONE)		LT1014 (GEN)		713
5962-8967702XA	K	01/07/2016		(NONE)		LT1014 (GEN)		713
5962R8967703VCA	K	01/07/2016		(NONE)		RH1014 (GEN)		713
5962R8967703VDA	K	01/07/2016	1C	LINEAR TECH.		Y RH1014MW		713
5962-8967801XA	A	08/03/2001		(NONE)	04/30/2003	DAC8408A (GEN)		591
5962-8967802XA	A	08/03/2001		(NONE)	04/30/2003	DAC8408B (GEN)		591
5962-8967901QC	D	11/19/2018	2	XTREME		Y 5012-TD12B		592
5962-8967901XC	D	11/19/2018	2	XTREME		Y 5012-TE12B		592
5962-89680012A	D	09/26/2017	1	TI		Y SNJ55ALS160FK		590
5962-8968001RA	D	09/26/2017	1	TI		Y SNJ55ALS160J		590
5962-8968001SA	D	09/26/2017	1	TI		Y SNJ55ALS160W		590
5962-89681012A	E	03/05/2018	1	TI		Y SNJ55ALS161FK		590
5962-8968101RA	E	03/05/2018	1	TI		Y SNJ55ALS161J		590
5962-8968101SA	E	03/05/2018		(NONE)	11/28/2015	55ALS161 (GEN)		590
5962-89682013A	C	06/23/2016	2	E2V		Y QP54AC646LMQB		590
5962-89682013A	C	06/23/2016	2	ROCHESTER		Y 54AC646/Q3A		590
5962R89682013A	C	06/23/2016		(NONE)		54AC646 (GEN)		590
5962-8968201KA	C	06/23/2016	2	E2V		Y QP54AC646FMQB		590
5962-8968201KA	C	06/23/2016	2	ROCHESTER		Y 54AC646/QKA		590
5962R8968201KA	C	06/23/2016		(NONE)		54AC646 (GEN)		590
5962-8968201LA	C	06/23/2016	2	E2V		Y QP54AC646SDMQB		590
5962-8968201LA	C	06/23/2016	2	ROCHESTER		Y 54AC646/QLA		590
5962R8968201LA	C	06/23/2016		(NONE)		54AC646 (GEN)		590
5962-8968301HXA	E	08/17/2017	1	INTER. RECT.2		Y AHE2805S/CH		594
5962-8968301HZA	E	08/17/2017	1	INTER. RECT.2		Y AHE2805SF/CH		594
5962-8968302HXA	E	08/17/2017	1	INTER. RECT.2		Y AHE2805S/CH-SLV		594
5962-8968302HZA	E	08/17/2017	1	INTER. RECT.2		Y AHE2805SF/CH-SLV		594
5962-8968303HXA	E	08/17/2017	1	INTER. RECT.2		Y AHE2805S/CH-MSTR		594
5962-8968303HZA	E	08/17/2017	1	INTER. RECT.2		Y AHE2805SF/CH-MSTR		594
5962-89684012A	B	03/18/2016		MICROSEMI (1)		Y SG2821L/883B		790
5962-8968401VA	B	03/18/2016		MICROSEMI (1)		Y SG2821J/883B		790
5962-89685012A	B	06/18/2015		MICROSEMI (1)		Y SG2823L/883B		790
5962-8968501VA	B	06/18/2015		MICROSEMI (1)		Y SG2823J/883B		790
5962-89686012A	B	06/25/2015		MICROSEMI (1)		Y SG2824L/883B		790
5962-8968601VA	B	06/25/2015		MICROSEMI (1)		Y SG2824J/883B		790
5962-89687013A	E	06/07/2018	3	TI		Y SNJ54ALS653FK		590
5962-8968701KA	E	06/07/2018		(NONE)	11/28/2015	54ALS653 (GEN)		590
5962-8968701LA	E	06/07/2018	3	TI		Y SNJ54ALS653JT		590
5962-89688012A	F	01/29/2019	3	E2V		Y 54ACT157LMQB		275

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5962-89688012A	F	01/29/2019	3B	E2V		Y	QP54ACT157LMQB	275
5962-89688012A	F	01/29/2019	3	ROCHESTER		Y	54ACT157/Q2A	275
5962R89688012A	F	01/29/2019		(NONE)			54ACT157 (GEN)	275
5962R8968801V2A	F	01/29/2019	3	ROCHESTER		Y	54ACT157/V2A-R	275
5962-8968801EA	F	01/29/2019	3	E2V		Y	54ACT157DMQB	275
5962-8968801EA	F	01/29/2019	3B	E2V		Y	QP54ACT157DMQB	275
5962-8968801EA	F	01/29/2019	3	ROCHESTER		Y	54ACT157/QEA	275
5962R8968801EA	F	01/29/2019		(NONE)			54ACT157 (GEN)	275
5962R8968801VEA	F	01/29/2019	3	ROCHESTER		Y	54ACT157/VEA-R	275
5962-8968801FA	F	01/29/2019	3	E2V		Y	54ACT157FMQB	275
5962-8968801FA	F	01/29/2019	3B	E2V		Y	QP54ACT157FMQB	275
5962-8968801FA	F	01/29/2019	3	ROCHESTER		Y	54ACT157/QFA	275
5962R8968801FA	F	01/29/2019		(NONE)			54ACT157 (GEN)	275
5962R8968801VFA	F	01/29/2019	3	ROCHESTER		Y	54ACT157/VFA-R	275
5962R8968801VZA	F	01/29/2019		(NONE)			54ACT157 (GEN)	275
5962F8968802EA	F	01/29/2019	2	STMICRO		Y	RHFACT157D04Q	275
5962F8968802EC	F	01/29/2019	2	STMICRO		Y	RHFACT157D03Q	275
5962F8968802VEA	F	01/29/2019	2	STMICRO		Y	RHFACT157D04V	275
5962F8968802VEC	F	01/29/2019	2	STMICRO		Y	RHFACT157D03V	275
5962-8968802VXA	F	01/29/2019		(NONE)			54ACT157 (GEN)	275
5962-8968802XA	F	01/29/2019		(NONE)			54ACT157 (GEN)	275
5962F8968802VXA	F	01/29/2019	2	STMICRO		Y	RHFACT157K02V	275
5962F8968802VXC	F	01/29/2019	2	STMICRO		Y	RHFACT157K01V	275
5962F8968802XA	F	01/29/2019	2	STMICRO		Y	RHFACT157K02Q	275
5962F8968802XC	F	01/29/2019	2	STMICRO		Y	RHFACT157K01Q	275
5962F8968802VYA	F	01/29/2019	2	STMICRO		Y	RHFACT157K04V	275
5962F8968802VYC	F	01/29/2019	2	STMICRO		Y	RHFACT157K03V	275
5962-89689012A	E	02/24/2016	3	E2V		Y	54ACT257LMQB	276
5962-89689012A	E	02/24/2016	2	E2V		Y	EV54ACT257LMQB	276
5962-89689012A	E	02/24/2016	3	ROCHESTER		Y	54ACT257/Q2A	276
5962-8968901V2A	E	02/24/2016		(NONE)			54ACT257 (GEN)	276
5962R89689012A	E	02/24/2016		(NONE)			54ACT257 (GEN)	276
5962R8968901V2A	E	02/24/2016		(NONE)			54ACT257 (GEN)	276
5962-8968901EA	E	02/24/2016	3	E2V		Y	54ACT257DMQB	276
5962-8968901EA	E	02/24/2016	2	E2V		Y	EV54ACT257DMQB	276
5962-8968901EA	E	02/24/2016	3	ROCHESTER		Y	54ACT257/QEA	276
5962-8968901VEA	E	02/24/2016		(NONE)			54ACT257 (GEN)	276
5962R8968901EA	E	02/24/2016		(NONE)			54ACT257 (GEN)	276
5962R8968901VEA	E	02/24/2016		(NONE)			54ACT257 (GEN)	276
5962-8968901FA	E	02/24/2016	3	E2V		Y	54ACT257FMQB	276
5962-8968901FA	E	02/24/2016	2	E2V		Y	EV54ACT257FMQB	276
5962-8968901FA	E	02/24/2016	3	ROCHESTER		Y	54ACT257/QFA	276
5962-8968901VFA	E	02/24/2016		(NONE)			54ACT257 (GEN)	276
5962R8968901FA	E	02/24/2016		(NONE)			54ACT257 (GEN)	276
5962R8968901VFA	E	02/24/2016		(NONE)			54ACT257 (GEN)	276
5962-8968902VXA	E	02/24/2016		(NONE)			54ACT257 (GEN)	276
5962-8968902XA	E	02/24/2016		(NONE)			54ACT257 (GEN)	276
5962-89690013A	B	06/10/2015	1	PYRAMID		Y	P4C116-25L28MB	616
5962-8969001JA	B	06/10/2015		(NONE)			6116A-25 (GEN)	616

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5962-8969001KA	B	06/10/2015	1	PYRAMID		Y P4C116-25FMB		616
5962-8969001LA	B	06/10/2015		IDT		Y IDT6116SA25TDB		616
5962-8969001LA	B	06/10/2015	1	PYRAMID		Y P4C116-25DMB		616
5962-8969001XA	B	06/10/2015		(NONE)	05/06/1997	6116SA25 (GEN)		616
5962-8969001YA	B	06/10/2015	1	PYRAMID		Y P4C116-25LMB		616
5962-8969001ZA	B	06/10/2015		(NONE)				616
5962-89690023A	B	06/10/2015	1	PYRAMID		Y P4C116-20L28MB		616
5962-8969002JA	B	06/10/2015		(NONE)		6116A-20 (GEN)		616
5962-8969002KA	B	06/10/2015	1	PYRAMID		Y P4C116-20FMB		616
5962-8969002LA	B	06/10/2015		IDT		Y IDT6116SA20TDB		616
5962-8969002LA	B	06/10/2015	1	PYRAMID		Y P4C116-20DMB		616
5962-8969002XA	B	06/10/2015		(NONE)	05/06/1997	6116SA20 (GEN)		616
5962-8969002YA	B	06/10/2015	1	PYRAMID		Y P4C116-20LMB		616
5962-8969002ZA	B	06/10/2015		(NONE)				616
5962-8969101TA	A	10/29/1990	1	PYRAMID	5962-3829414MTA	Y P4C164L-25FMB		620
5962-8969101UA	A	10/29/1990	1	PYRAMID	5962-3829428MUA	Y P4C164L-25LMB		620
5962-8969101XA	A	10/29/1990	1	PYRAMID	5962-3829414MXA	Y P4C164L-25DWMB		620
5962-8969101ZA	A	10/29/1990	1	PYRAMID	5962-3829414MZA	Y P4C164L-25CMB		620
5962-8969102NA	A	10/29/1990		(NONE)	5962-3829415MUA	5C6408-25 (GEN)		620
5962-8969102TA	A	10/29/1990	1	PYRAMID	5962-3829415MTA	Y P4C164-25FMB		620
5962-8969102UA	A	10/29/1990	1	PYRAMID	5962-3829429MUA	Y P4C164-25LMB		620
5962-8969102XA	A	10/29/1990	1	PYRAMID	5962-3829415MXA	Y P4C164-25DWMB		620
5962-8969102YA	A	10/29/1990		(NONE)	5962-3829415MYA	5C6408-25 (GEN)		620
5962-8969102ZA	A	10/29/1990	1	PYRAMID	5962-3829415MZA	Y P4C164-25CMB		620
5962-8969104NA	A	10/29/1990		(NONE)	5962-3829417MUA	5C6408-20 (GEN)		620
5962-8969104TA	A	10/29/1990	1	PYRAMID	5962-3829417MTA	Y P4C164-20FMB		620
5962-8969104UA	A	10/29/1990	1	PYRAMID	5962-3829430MUA	Y P4C164-20LMB		620
5962-8969104XA	A	10/29/1990	1	PYRAMID	5962-3829417MXA	Y P4C164-20DWMB		620
5962-8969104YA	A	10/29/1990		(NONE)	5962-3829417MYA	5C6408-20 (GEN)		620
5962-8969104ZA	A	10/29/1990	1	PYRAMID	5962-3829417MZA	Y P4C164-20CMB		620
5962-8969106NA	A	10/29/1990		(NONE)	5962-3829419MUA	5C6408-15 (GEN)		620
5962-8969106TA	A	10/29/1990	1	PYRAMID	5962-3829419MTA	Y P4C164-15FMB		620
5962-8969106UA	A	10/29/1990		(NONE)	5962-3829419MUA	7B185-15 (GEN)		620
5962-8969106XA	A	10/29/1990	1	PYRAMID	5962-3829419MXA	Y P4C164-15DWMB		620
5962-8969106YA	A	10/29/1990		(NONE)	5962-3829419MYA	5C6408-15 (GEN)		620
5962-8969106ZA	A	10/29/1990	1	PYRAMID	5962-3829419MZA	Y P4C164-15CMB		620
5962-8969201KA	B	06/10/2015	1	PYRAMID		Y P4C188L-25FMB		620
5962-8969201XA	B	06/10/2015	1	PYRAMID		Y P4C188L-25CMB		620
5962-8969201YA	B	06/10/2015	1	PYRAMID		Y P4C188L-25DMB		620
5962-8969201ZA	B	06/10/2015	1	PYRAMID		Y P4C188L-25LMB		620
5962-8969202KA	B	06/10/2015	1	PYRAMID		Y P4C188-25FMB		620
5962-8969202XA	B	06/10/2015	1	PYRAMID		Y P4C188-25CMB		620
5962-8969202YA	B	06/10/2015	1	PYRAMID		Y P4C188-25DMB		620
5962-8969202ZA	B	06/10/2015	1	PYRAMID		Y P4C188-25LMB		620
5962-8969203KA	B	06/10/2015	1	PYRAMID		Y P4C188L-20FMB		620
5962-8969203XA	B	06/10/2015	1	PYRAMID		Y P4C188L-20CMB		620
5962-8969203YA	B	06/10/2015	1	PYRAMID		Y P4C188L-20DMB		620
5962-8969203ZA	B	06/10/2015	1	PYRAMID		Y P4C188L-20LMB		620
5962-8969204KA	B	06/10/2015	1	PYRAMID		Y P4C188-20FMB		620

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## SECTION 1, MICROCIRCUITS

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5962-8969204XA	B	06/10/2015	1	PYRAMID		Y P4C188-20CMB		620
5962-8969204YA	B	06/10/2015	1	PYRAMID		Y P4C188-20DMB		620
5962-8969204ZA	B	06/10/2015	1	PYRAMID		Y P4C188-20LMB		620
5962-8969205KA	B	06/10/2015	1	PYRAMID		Y P4C188L-15FMB		620
5962-8969205XA	B	06/10/2015	1	PYRAMID		Y P4C188L-15CMB		620
5962-8969205YA	B	06/10/2015	1	PYRAMID		Y P4C188L-15DMB		620
5962-8969205ZA	B	06/10/2015	1	PYRAMID		Y P4C188L-15LMB		620
5962-8969206KA	B	06/10/2015	1	PYRAMID		Y P4C188-15FMB		620
5962-8969206XA	B	06/10/2015	1	PYRAMID		Y P4C188-15CMB		620
5962-8969206YA	B	06/10/2015	1	PYRAMID		Y P4C188-15DMB		620
5962-8969206ZA	B	06/10/2015	1	PYRAMID		Y P4C188-15LMB		620
5962-89693012A	E	02/29/2016	3	E2V		Y 54ACT175LMQB		159
5962-89693012A	E	02/29/2016	2	E2V		Y EV54ACT175LMQB		159
5962-89693012A	E	02/29/2016	3	ROCHESTER		Y 54ACT175/Q2A		159
5962-8969301V2A	E	02/29/2016		(NONE)		54ACT175 (GEN)		159
5962R89693012A	E	02/29/2016		(NONE)		54ACT175 (GEN)		159
5962R8969301V2A	E	02/29/2016		(NONE)		54ACT175 (GEN)		159
5962-8969301EA	E	02/29/2016	3	E2V		Y 54ACT175DMQB		159
5962-8969301EA	E	02/29/2016	2	E2V		Y EV54ACT175DMQB		159
5962-8969301EA	E	02/29/2016	3	ROCHESTER		Y 54ACT175/QEA		159
5962-8969301VEA	E	02/29/2016		(NONE)		54ACT175 (GEN)		159
5962R8969301EA	E	02/29/2016		(NONE)		54ACT175 (GEN)		159
5962R8969301VEA	E	02/29/2016		(NONE)		54ACT175 (GEN)		159
5962-8969301FA	E	02/29/2016	3	E2V		Y 54ACT175FMQB		159
5962-8969301FA	E	02/29/2016	2	E2V		Y EV54ACT175FMQB		159
5962-8969301FA	E	02/29/2016	3	ROCHESTER		Y 54ACT175/QFA		159
5962-8969301VF	E	02/29/2016		(NONE)		54ACT175 (GEN)		159
5962R8969301FA	E	02/29/2016		(NONE)		54ACT175 (GEN)		159
5962R8969301VF	E	02/29/2016		(NONE)		54ACT175 (GEN)		159
5962-8969401EA	D	10/22/2015		(NONE)		7C190-25 (GEN)		602
5962-8969401FA	D	10/22/2015		(NONE)	05/10/1995	7C190-25 (GEN)		602
5962-8969401XA	D	10/22/2015		(NONE)		7C190-25 (GEN)		602
5962-8969402EA	D	10/22/2015	1	SRI		Y GEM25402BEA		602
5962-8969402EC	D	10/22/2015	1	SRI		Y GEM25402BEC		602
5962-8969402FA	D	10/22/2015	1	SRI		Y GEM25402BFA		602
5962-8969402FC	D	10/22/2015	1	SRI		Y GEM25402BFC		602
5962-8969402XA	D	10/22/2015	1	SRI		Y GEM25402BXA		602
5962-8969402XC	D	10/22/2015	1	SRI		Y GEM25402BXC		602
5962-8969402YA	D	10/22/2015	1	SRI		Y GEM25402BYA		602
5962-8969402YC	D	10/22/2015	1	SRI		Y GEM25402BYC		602
5962-89695012A		04/09/1990		(NONE)	12/01/1993	54HC113 (GEN)		156
5962-8969501CA		04/09/1990		(NONE)	12/01/1993	54HC113 (GEN)		156
5962-8969601XA	E	04/01/2016	1	PYRAMID		Y P4C187-25CMB		620
5962-8969601ZA	E	04/01/2016	1	PYRAMID		Y P4C187-25LMB		620
5962-8969602XA	E	04/01/2016	1	PYRAMID		Y P4C187L-25CMB		620
5962-8969602ZA	E	04/01/2016	1	PYRAMID		Y P4C187L-25LMB		620
5962-8969603XA	E	04/01/2016	1	PYRAMID		P4C187-20CMB		620
5962-8969603ZA	E	04/01/2016	1	PYRAMID		P4C187-20LMB		620
5962-8969604XA	E	04/01/2016	1	PYRAMID		Y P4C187L-20CMB		620

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5962-8969604ZA	E	04/01/2016	1	PYRAMID		Y P4C187L-20LMB		620
5962-8969605XA	E	04/01/2016	1	PYRAMID		Y P4C187-15CMB		620
5962-8969605ZA	E	04/01/2016	1	PYRAMID		Y P4C187-15LMB		620
5962-8969606XA	E	04/01/2016	1	PYRAMID		Y P4C187L-15CMB		620
5962-8969606ZA	E	04/01/2016	1	PYRAMID		Y P4C187L-15LMB		620
5962-8969607XA	E	04/01/2016	1	PYRAMID		Y P4C187-25CMB		620
5962-8969607ZA	E	04/01/2016	1	PYRAMID		Y P4C187-25LMB		620
5962-8969608XA	E	04/01/2016	1	PYRAMID		Y P4C187-20CMB		620
5962-8969608ZA	E	04/01/2016	1	PYRAMID		Y P4C187-20LMB		620
5962-8969609XA	E	04/01/2016	1	PYRAMID		Y P4C187-12CMB		620
5962-8969609ZA	E	04/01/2016	1	PYRAMID		Y P4C187-12LMB		620
5962-8969610XA	E	04/01/2016	1	PYRAMID		Y P4C187L-12CMB		620
5962-8969610ZA	E	04/01/2016	1	PYRAMID		Y P4C187L-12LMB		620
5962-89697013A	D	02/08/2019	1	ANALOG (3)		Y AD7846SE/883B		591
5962-8969701XA	D	02/08/2019	1	ANALOG (3)		Y AD7846SD/883B		591
5962-8969801LA	C	12/14/2018	1	ANALOG (3)		Y AD7579SQ/883B		592
5962-8969802LA	C	12/14/2018		(NONE)		AD7580 (GEN)		592
5962-8970001EA	B	01/19/2012	1	TI		Y CD54HCT123F3A		166
5962-8970101EA	C	02/21/2013	1	TI		Y CD54HCT175F3A		159
5962-8970201EA	C	06/28/2017	1	TI		Y CD54HCT112F3A		152
5962-8970301CA	C	03/25/2013	1	TI		Y CD54HCT27F3A		122
5962-8970401CA	C	03/25/2013	1	TI		Y CD54HCT164F3A		226
5962-8970501EA	C	06/28/2017	1	TI		Y CD54HCT257F3A		276
5962-8970701EA		08/01/1989		(NONE)		54HCT162 (GEN)		301
5962-8970801EA	C	07/27/2017	1	TI		Y CD54HCT258F3A		276
5962-8970901CA	B	01/19/2012	1	TI		Y CD54HCT11F3A		112
5962-89710013A	D	11/02/2016	3A	ANALOG (3)		Y ADG526ATE/883B		195
5962-8971001XA	D	11/02/2016	3A	ANALOG (3)		Y ADG526ATQ/883B		195
5962-89710023A	D	11/02/2016	3A	ANALOG (3)		Y ADG527ATE/883B		193
5962-8971002XA	D	11/02/2016		(NONE)	01/29/2015	ADG527A (GEN)		193
5962-89711013A	B	02/27/2006		(NONE)		TMC2023V (GEN)		399
5962-8971101JA	B	02/27/2006		(NONE)		TMC2023V (GEN)		399
5962-8971101LA	B	02/27/2006		(NONE)		TMC2023V (GEN)		399
5962-89711023A	B	02/27/2006		(NONE)		TMC2023V1 (GEN)		399
5962-8971102JA	B	02/27/2006		(NONE)		TMC2023V1 (GEN)		399
5962-8971102LA	B	02/27/2006		(NONE)		TMC2023V1 (GEN)		399
5962-89711033A	B	02/27/2006		(NONE)		TMC2023V2 (GEN)		399
5962-8971103JA	B	02/27/2006		(NONE)		TMC2023V2 (GEN)		399
5962-8971103LA	B	02/27/2006		(NONE)		TMC2023V2 (GEN)		399
5962-89711043A	B	02/27/2006		(NONE)		TMC2023V3 (GEN)		399
5962-8971104JA	B	02/27/2006		(NONE)		TMC2023V3 (GEN)		399
5962-8971104LA	B	02/27/2006		(NONE)		TMC2023V3 (GEN)		399
5962-8971201UA	C	11/05/2015	3	E2V		Y CY7C162A-45LMB		620
5962-8971201UA	C	11/05/2015	1	PYRAMID		Y P4C1982-45LMB		620
5962-8971201XA	C	11/05/2015	3	E2V		Y CY7C162A-45DMB		620
5962-8971201XA	C	11/05/2015	1	PYRAMID		Y P4C1982-45CMB		620
5962-8971201YA	C	11/05/2015	3	E2V		Y CY7C162A-45KMB		620
5962-8971201YA	C	11/05/2015	1	PYRAMID		Y P4C1982-45FMB		620
5962-8971201ZA	C	11/05/2015	3	E2V		Y CY7C162A-45LMB		620



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5962-8971201ZA	C	11/05/2015	1	PYRAMID		Y P4C1982-45LMB		620
5962-8971202UA	C	11/05/2015	3	E2V		Y CY7C162A-35LMB		620
5962-8971202UA	C	11/05/2015	1	PYRAMID		Y P4C1982-35LMB		620
5962-8971202XA	C	11/05/2015	3	E2V		Y CY7C162A-35DMB		620
5962-8971202XA	C	11/05/2015	1	PYRAMID		Y P4C1982-35CMB		620
5962-8971202YA	C	11/05/2015	3	E2V		Y CY7C162A-35KMB		620
5962-8971202YA	C	11/05/2015	1	PYRAMID		Y P4C1982-35FMB		620
5962-8971202ZA	C	11/05/2015	3	E2V		Y CY7C162A-35LMB		620
5962-8971202ZA	C	11/05/2015	1	PYRAMID		Y P4C1982-35LMB		620
5962-8971203UA	C	11/05/2015	3	E2V		Y CY7C162A-25LMB		620
5962-8971203UA	C	11/05/2015	1	PYRAMID		Y P4C1982-25LMB		620
5962-8971203XA	C	11/05/2015	3	E2V		Y CY7C162A-25DMB		620
5962-8971203XA	C	11/05/2015	1	PYRAMID		Y P4C1982-25CMB		620
5962-8971203YA	C	11/05/2015	3	E2V		Y CY7C162A-25KMB		620
5962-8971203YA	C	11/05/2015	1	PYRAMID		Y P4C1982-25FMB		620
5962-8971203ZA	C	11/05/2015	3	E2V		Y CY7C162A-25LMB		620
5962-8971203ZA	C	11/05/2015	1	PYRAMID		Y P4C1982-25LMB		620
5962-8971204UA	C	11/05/2015	3	E2V		Y CY7C162A-20LMB		620
5962-8971204UA	C	11/05/2015	1	PYRAMID		Y P4C1982-20LMB		620
5962-8971204XA	C	11/05/2015	3	E2V		Y CY7C162A-20DMB		620
5962-8971204XA	C	11/05/2015	1	PYRAMID		Y P4C1982-20CMB		620
5962-8971204YA	C	11/05/2015	3	E2V		Y CY7C162A-20KMB		620
5962-8971204YA	C	11/05/2015	1	PYRAMID		Y P4C1982-20FMB		620
5962-8971204ZA	C	11/05/2015	3	E2V		Y CY7C162A-20LMB		620
5962-8971204ZA	C	11/05/2015	1	PYRAMID		Y P4C1982-20LMB		620
5962-8971301Q8A	H	09/19/2016		(NONE)		3042-50 (GEN)		431
5962-8971301M9C	H	09/19/2016		(NONE)	01/15/2000	3042-50 (GEN)		431
5962-8971301MMC	H	09/19/2016		(NONE)	01/15/2000	3042-50 (GEN)		431
5962-8971301MNC	H	09/19/2016		(NONE)	01/15/2000	3042-50 (GEN)		431
5962-8971301QTA	H	09/19/2016		(NONE)		3042-50 (GEN)		431
5962-8971301QUA	H	09/19/2016		(NONE)		3042-50 (GEN)		431
5962-8971301MXC	H	09/19/2016		(NONE)	01/15/2000	3042-50 (GEN)		431
5962-8971301XC	H	09/19/2016		(NONE)	01/15/2000	3042-50 (GEN)		431
5962-8971301MYC	H	09/19/2016		(NONE)	01/15/2000	3042-50 (GEN)		431
5962-8971301YC	H	09/19/2016		(NONE)	01/15/2000	3042-50 (GEN)		431
5962-8971301MZC	H	09/19/2016		(NONE)	01/15/2000	3042-50 (GEN)		431
5962-8971301QZA	H	09/19/2016		(NONE)		3042-50 (GEN)		431
5962-8971301ZC	H	09/19/2016		(NONE)	01/15/2000	3042-50 (GEN)		431
5962-8971302Q8A	H	09/19/2016		(NONE)		3042-70 (GEN)		431
5962-8971302M9C	H	09/19/2016		(NONE)	01/15/2000	3042-70 (GEN)		431
5962-8971302MMC	H	09/19/2016		(NONE)	01/15/2000	3042-70 (GEN)		431
5962-8971302MNC	H	09/19/2016		(NONE)	01/15/2000	3042-70 (GEN)		431
5962-8971302QTA	H	09/19/2016		(NONE)		3042-70 (GEN)		431
5962-8971302QUA	H	09/19/2016		(NONE)		3042-70 (GEN)		431
5962-8971302MXC	H	09/19/2016		(NONE)	01/15/2000	3042-70 (GEN)		431
5962-8971302XC	H	09/19/2016		(NONE)	01/15/2000	3042-70 (GEN)		431
5962-8971302MYC	H	09/19/2016		(NONE)	01/15/2000	3042-70 (GEN)		431
5962-8971302YC	H	09/19/2016		(NONE)	01/15/2000	3042-70 (GEN)		431
5962-8971302MZC	H	09/19/2016		(NONE)	01/15/2000	3042-70 (GEN)		431

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5962-8971302QZA	H	09/19/2016		(NONE)			3042-70 (GEN)	431
5962-8971302ZC	H	09/19/2016		(NONE)	01/15/2000		3042-70 (GEN)	431
5962-8971303Q8A	H	09/19/2016		(NONE)			3042-100 (GEN)	431
5962-8971303M9C	H	09/19/2016		(NONE)	12/31/2012		3042-100 (GEN)	431
5962-8971303MMC	H	09/19/2016		(NONE)	12/31/2012		3042-100 (GEN)	431
5962-8971303MNC	H	09/19/2016		(NONE)	12/31/2012		3042-100 (GEN)	431
5962-8971303QTA	H	09/19/2016		(NONE)			3042-100 (GEN)	431
5962-8971303QUA	H	09/19/2016		(NONE)			3042-100 (GEN)	431
5962-8971303MXC	H	09/19/2016		(NONE)	12/31/2012		3042-100 (GEN)	431
5962-8971303MYC	H	09/19/2016		(NONE)	12/31/2012		X042-100 (GEN)	431
5962-8971303MZC	H	09/19/2016		(NONE)	12/31/2012		3042-100 (GEN)	431
5962-8971303QZA	H	09/19/2016		(NONE)			3042-100 (GEN)	431
5962-8971304Q8A	H	09/19/2016		(NONE)			3042-125 (GEN)	431
5962-8971304QTA	H	09/19/2016		(NONE)			3042-125 (GEN)	431
5962-8971304QUA	H	09/19/2016		(NONE)			3042-125 (GEN)	431
5962-8971304QZA	H	09/19/2016		(NONE)			3042-125 (GEN)	431
5962-8971501XC	B	09/18/1998		(NONE)	12/31/1995		TMC2301 (GEN)	399
5962-8971501YA	B	09/18/1998		(NONE)	12/31/1995		TMC2301 (GEN)	399
5962-8971502XC	B	09/18/1998		(NONE)	12/31/1995		TMC2301 (GEN)	399
5962-8971502YA	B	09/18/1998		(NONE)	12/31/1995		TMC2301 (GEN)	399
5962-8971503XA	B	09/18/1998		(NONE)			LF2301-55 (GEN)	399
5962-8971503YA	B	09/18/1998		(NONE)	04/01/2000		LF2301-55 (GEN)	399
5962-8971601MQC	B	04/15/1996		(NONE)			LPR520 (GEN)	249
5962-8971601MXC	B	04/15/1996		(NONE)			LPR520 (GEN)	249
5962-8971602MQC	B	04/15/1996		(NONE)			LPR520 (GEN)	249
5962-8971602MXC	B	04/15/1996		(NONE)			LPR520 (GEN)	249
5962-8971603MQC	B	04/15/1996		(NONE)			LPR520 (GEN)	249
5962-8971603MXC	B	04/15/1996		(NONE)			LPR520 (GEN)	249
5962-8971604MQC	B	04/15/1996		(NONE)			LPR521 (GEN)	249
5962-8971604MXC	B	04/15/1996		(NONE)			LPR521 (GEN)	249
5962-8971605MQC	B	04/15/1996		(NONE)			LPR521 (GEN)	249
5962-8971605MXC	B	04/15/1996		(NONE)			LPR521 (GEN)	249
5962-8971606MQC	B	04/15/1996		(NONE)			LPR521 (GEN)	249
5962-8971606MXC	B	04/15/1996		(NONE)			LPR521 (GEN)	249
5962-8971701MXA	A	10/29/1992		(NONE)	04/01/2000		LSH32-50 (GEN)	232
5962-8971701MYA	A	10/29/1992		(NONE)			LSH32-50 (GEN)	232
5962-8971702MXA	A	10/29/1992		(NONE)			LSH32-40 (GEN)	232
5962-8971702MYA	A	10/29/1992		(NONE)			LSH32-40 (GEN)	232
5962-8971801XA	E	08/02/2018	1	SPECTRUM (2)		Y	MN3020MXA	591
5962-8971801XC	E	08/02/2018	1	SPECTRUM (2)		Y	MN3020MXC	591
5962-89721012A	C	02/03/2010		(NONE)			HA-2529 (GEN)	702
5962-8972101GC	C	02/03/2010		(NONE)	10/03/2004		HA-2529 (GEN)	702
5962-8972101PA	C	02/03/2010		(NONE)			HA-2529 (GEN)	702
5962-89722013A	A	02/10/2010		(NONE)			54F30245 (GEN)	590
5962-8972201KA	A	02/10/2010		(NONE)			54F30245 (GEN)	590
5962-8972201LA	A	02/10/2010		(NONE)			54F30245 (GEN)	590
5962-89723012A	A	08/06/2007		(NONE)	06/01/1997		54F259 (GEN)	341
5962-8972301EA	A	08/06/2007		(NONE)	06/01/1997		54F259 (GEN)	341
5962-8972301FA	A	08/06/2007		(NONE)	06/01/1997		54F259 (GEN)	341

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-89724012A	C	06/15/2016	1	E2V		Y 54F574LMQB		159
5962-8972401RA	C	06/15/2016	1	E2V		Y 54F574DMQB		159
5962-8972401SA	C	06/15/2016	1	E2V		Y 54F574FMQB		159
5962-8972501XA	A	03/29/1995		(NONE)	12/24/1997	82510 (GEN)		420
5962-89725023A	A	03/29/1995		(NONE)	12/24/1997	82510 (GEN)		420
5962-8972601MMA	D	03/22/2006		(NONE)		80C451 (GEN)		420
5962-8972601MUA	D	03/22/2006		(NONE)		80C451 (GEN)		420
5962-8972601UA	D	03/22/2006		(NONE)	5962-8972601MUA	80C451 (GEN)		420
5962-8972601MXA	D	03/22/2006		(NONE)		80C451 (GEN)		420
5962-8972601XA	D	03/22/2006		(NONE)	5962-8972601MXA	80C451 (GEN)		420
5962-8972602MMA	D	03/22/2006		(NONE)		83C451 (GEN)		420
5962-8972602MUA	D	03/22/2006		(NONE)		83C451 (GEN)		420
5962-8972602UA	D	03/22/2006		(NONE)	5962-8972602MUA	83C451 (GEN)		420
5962-8972602MXA	D	03/22/2006		(NONE)		83C451 (GEN)		420
5962-8972602XA	D	03/22/2006		(NONE)	5962-8972602MXA	83C451 (GEN)		420
5962-89728012A	D	09/17/2018		(NONE)	04/30/2003	AD588S (GEN)		785
5962-8972801EA	D	09/17/2018		(NONE)	04/30/2003	AD588S (GEN)		785
5962-89728022A	D	09/17/2018	1	ANALOG (2)		Y AD588TE/883B		785
5962-8972802EA	D	09/17/2018		(NONE)	04/30/2003	AD588T (GEN)		785
5962-89729012A	F	07/30/2014	3	E2V		Y 54AC158LMQB		275
5962-8972901V2A	F	07/30/2014		(NONE)		54AC158 (GEN)		275
5962R8972901Q2A	F	07/30/2014		(NONE)		54AC158 (GEN)		275
5962R8972901V2A	F	07/30/2014		(NONE)		54AC158 (GEN)		275
5962-8972901EA	F	07/30/2014	3	E2V		Y 54AC158DMQB		275
5962-8972901VEA	F	07/30/2014		(NONE)		54AC158 (GEN)		275
5962R8972901QEA	F	07/30/2014		(NONE)		54AC158 (GEN)		275
5962R8972901VEA	F	07/30/2014		(NONE)		54AC158 (GEN)		275
5962-8972901FA	F	07/30/2014	3	E2V		Y 54AC158FMQB		275
5962-8972901VFA	F	07/30/2014		(NONE)		54AC158 (GEN)		275
5962R8972901QFA	F	07/30/2014		(NONE)		54AC158 (GEN)		275
5962R8972901VFA	F	07/30/2014		(NONE)		54AC158 (GEN)		275
5962-8972901VXA	F	07/30/2014		(NONE)		54AC158 (GEN)		275
5962-8972901XA	F	07/30/2014		(NONE)		54AC158 (GEN)		275
5962-89730013A	E	07/12/2017	1	E2V		Y IDT54FCT543LB		590
5962-89730013A	E	07/12/2017	1B	PYRAMID		Y PF54FCT543LMB		590
5962-8973001KA	E	07/12/2017	1	E2V		Y IDT54FCT543EB		590
5962-8973001KA	E	07/12/2017	1B	PYRAMID		Y PF54FCT543CMB		590
5962-8973001LA	E	07/12/2017	1	E2V		Y IDT54FCT543DB		590
5962-8973001LA	E	07/12/2017	1B	PYRAMID		Y PF54FCT543FSMB		590
5962-89730023A	E	07/12/2017	1	E2V		Y IDT54FCT543ALB		590
5962-89730023A	E	07/12/2017	1B	PYRAMID		Y PF54FCT543ALMB		590
5962-8973002KA	E	07/12/2017	1	E2V		Y IDT54FCT543AEB		590
5962-8973002KA	E	07/12/2017	1B	PYRAMID		Y PF54FCT543ACMB		590
5962-8973002LA	E	07/12/2017	1	E2V		Y IDT54FCT543ADB		590
5962-8973002LA	E	07/12/2017	1B	PYRAMID		Y PF54FCT543AFSMB		590
5962-89731013A	A	09/09/2014	0	SRI		Y GEM43601Q3A		590
5962-89731013C	A	09/09/2014	0	SRI		Y GEM43601Q3C		590
5962-8973101KA	A	09/09/2014	0	SRI		Y GEM43601QKA		590
5962-8973101KC	A	09/09/2014	0	SRI		Y GEM43601QKC		590

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5962-8973101LA	A	09/09/2014	0	SRI		Y GEM43601QLA		590
5962-8973101LC	A	09/09/2014	0	SRI		Y GEM43601QLC		590
5962-89731023A	A	09/09/2014	0	SRI		Y GEM43602Q3A		590
5962-89731023C	A	09/09/2014	0	SRI		Y GEM43602Q3C		590
5962-8973102KA	A	09/09/2014	0	SRI		Y GEM43602QKA		590
5962-8973102KC	A	09/09/2014	0	SRI		Y GEM43602QKC		590
5962-8973102LA	A	09/09/2014	0	SRI		Y GEM43602QLA		590
5962-8973102LC	A	09/09/2014	0	SRI		Y GEM43602QLC		590
5962-89732012A	A	07/25/2017	1B	PYRAMID		Y P54PCT241LMB		529
5962-8973201RA	A	07/25/2017	1B	PYRAMID		Y P54PCT241CMB		529
5962-8973201SA	A	07/25/2017	1B	PYRAMID		Y P54PCT241FSMB		529
5962-89732022A	A	07/25/2017	1B	PYRAMID		Y P54PCT241ALMB		529
5962-8973202RA	A	07/25/2017	1B	PYRAMID		Y P54PCT241ACMB		529
5962-8973202SA	A	07/25/2017	1B	PYRAMID		Y P54PCT241AFSMB		529
5962-89733012A	B	09/13/1992		(NONE)		54FCT191 (GEN)		304
5962-8973301EA	B	09/13/1992		(NONE)		54FCT191 (GEN)		304
5962-8973301FA	B	09/13/1992		(NONE)		54FCT191 (GEN)		304
5962-89733022A	B	09/13/1992		(NONE)		54FCT191A (GEN)		304
5962-8973302EA	B	09/13/1992		(NONE)		54FCT191A (GEN)		304
5962-8973302FA	B	09/13/1992		(NONE)		54FCT191A (GEN)		304
5962-89733032A	B	09/13/1992		(NONE)	09/01/1996	54FCT191 (GEN)		304
5962-8973303EA	B	09/13/1992		(NONE)	09/01/1996	54FCT191 (GEN)		304
5962-8973303FA	B	09/13/1992		(NONE)	09/01/1996	54FCT191 (GEN)		304
5962-89733042A	B	09/13/1992		(NONE)	09/01/1996	54FCT191A (GEN)		304
5962-8973304EA	B	09/13/1992		(NONE)	09/01/1996	54FCT191A (GEN)		304
5962-8973304FA	B	09/13/1992		(NONE)	09/01/1996	54FCT191A (GEN)		304
5962-89734012A	H	08/15/2018	3	E2V		Y 54ACTQ04LMQB		143
5962-89734012A	H	08/15/2018	3	TI		Y SNJ54ACT04FK		143
5962-8973401V2A	H	08/15/2018		(NONE)	12/03/2008	54ACT04 (GEN)		143
5962-8973401CA	H	08/15/2018	3	E2V		Y 54ACTQ04DMQB		143
5962-8973401CA	H	08/15/2018	3	TI		Y SNJ54ACT04J		143
5962-8973401VCA	H	08/15/2018	3	TI		Y SNV54ACT04J		143
5962-8973401DA	H	08/15/2018	3	E2V		Y 54ACTQ04FMQB		143
5962-8973401DA	H	08/15/2018	3	TI		Y SNJ54ACT04W		143
5962-8973401VDA	H	08/15/2018	3	TI		Y SNV54ACT04W		143
5962-89734022A	H	08/15/2018	1	ROCHESTER		Y 54ACT11004/B2A		143
5962-8973402RA	H	08/15/2018	1	ROCHESTER		Y 54ACT11004/BRA		143
5962F8973403V9A	H	08/15/2018	2	STMICRO		Y ACT04DIE2V		143
5962F8973403CA	H	08/15/2018	2	STMICRO		Y RHFACT04D04Q		143
5962F8973403CC	H	08/15/2018	2	STMICRO		Y RHFACT04D03Q		143
5962F8973403VCA	H	08/15/2018	2	STMICRO		Y RHFACT04D04V		143
5962F8973403VCC	H	08/15/2018	2	STMICRO		Y RHFACT04D03V		143
5962-8973403VXA	H	08/15/2018		(NONE)		54ACT04 (GEN)		143
5962-8973403XA	H	08/15/2018		(NONE)		54ACT04 (GEN)		143
5962F8973403VXA	H	08/15/2018	2	STMICRO		Y RHFACT04K02V		143
5962F8973403VXC	H	08/15/2018	2	STMICRO		Y RHFACT04K01V		143
5962F8973403XA	H	08/15/2018	2	STMICRO		Y RHFACT04K02Q		143
5962F8973403XC	H	08/15/2018	2	STMICRO		Y RHFACT04K01Q		143
5962F8973403VYA	H	08/15/2018	2	STMICRO		Y RHFACT04K04V		143

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5962F8973403VYC	H	08/15/2018	2	STMICRO		Y RHFAC04K03V		143
5962-89735012A	F	11/14/2013	1	E2V		Y 54ACTQ273LMQB		159
5962-89735012A	F	11/14/2013	1C	E2V		Y QP54ACTQ273LMQB		159
5962-8973501V2A	F	11/14/2013		(NONE)		54ACTQ273 (GEN)		159
5962R89735012A	F	11/14/2013		(NONE)		54ACTQ273 (GEN)		159
5962R8973501V2A	F	11/14/2013		(NONE)		54ACTQ273 (GEN)		159
5962-8973501RA	F	11/14/2013	1	E2V		Y 54ACTQ273DMQB		159
5962-8973501RA	F	11/14/2013	1C	E2V		Y QP54ACTQ273DMQB		159
5962-8973501VRA	F	11/14/2013		(NONE)		54ACTQ273 (GEN)		159
5962R8973501RA	F	11/14/2013		(NONE)		54ACTQ273 (GEN)		159
5962R8973501VRA	F	11/14/2013		(NONE)		54ACTQ273 (GEN)		159
5962-8973501SA	F	11/14/2013	1	E2V		Y 54ACTQ273FMQB		159
5962-8973501SA	F	11/14/2013	1C	E2V		Y QP54ACTQ273FMQB		159
5962-8973501VSA	F	11/14/2013		(NONE)		54ACTQ273 (GEN)		159
5962R8973501SA	F	11/14/2013		(NONE)		54ACTQ273 (GEN)		159
5962R8973501VSA	F	11/14/2013		(NONE)		54ACTQ273 (GEN)		159
5962-89736012A	G	11/21/2018	3	E2V		Y 54ACTQ32LMQB		125
5962-89736012A	G	11/21/2018	2	E2V		Y QP54ACTQ32LMQB		125
5962-89736012A	G	11/21/2018	3	ROCHESTER		Y 54ACTQ32/Q2A		125
5962R8973601V2A	G	11/21/2018	3	ROCHESTER		Y 54ACTQ32/V2A-R		125
5962-8973601CA	G	11/21/2018	3	E2V		Y 54ACTQ32DMQB		125
5962-8973601CA	G	11/21/2018	2	E2V		Y QP54ACTQ32DMQB		125
5962-8973601CA	G	11/21/2018	3	ROCHESTER		Y 54ACTQ32/QCA		125
5962R8973601VCA	G	11/21/2018	3	ROCHESTER		Y 54ACTQ32/VCA-R		125
5962-8973601DA	G	11/21/2018	3	E2V		Y 54ACTQ32FMQB		125
5962-8973601DA	G	11/21/2018	2	E2V		Y QP54ACTQ32FMQB		125
5962-8973601DA	G	11/21/2018	3	ROCHESTER		Y 54ACTQ32/QDA		125
5962R8973601VDA	G	11/21/2018	3	ROCHESTER		Y 54ACTQ32/VDA-R		125
5962-89736022A	G	11/21/2018		(NONE)	09/15/1995	54ACT11032 (GEN)		125
5962-8973602EA	G	11/21/2018		(NONE)	09/15/1995	54ACT11032 (GEN)		125
5962F8973603V9A	G	11/21/2018	2	STMICRO		Y ACT32DIE2V		125
5962F8973603CA	G	11/21/2018	2	STMICRO		Y RHFAC032D04Q		125
5962F8973603CC	G	11/21/2018	2	STMICRO		Y RHFAC032D03Q		125
5962F8973603VCA	G	11/21/2018	2	STMICRO		Y RHFAC032D04V		125
5962F8973603VCC	G	11/21/2018	2	STMICRO		Y RHFAC032D03V		125
5962-8973603VXA	G	11/21/2018		(NONE)		54ACT32 (GEN)		125
5962-8973603XA	G	11/21/2018		(NONE)		54ACT32 (GEN)		125
5962F8973603VXA	G	11/21/2018	2	STMICRO		Y RHFAC032K02V		125
5962F8973603VXC	G	11/21/2018	2	STMICRO		Y RHFAC032K01V		125
5962F8973603XA	G	11/21/2018	2	STMICRO		Y RHFAC032K02Q		125
5962F8973603XC	G	11/21/2018	2	STMICRO		Y RHFAC032K01Q		125
5962F8973603VYA	G	11/21/2018	2	STMICRO		Y RHFAC032K04V		125
5962F8973603VYC	G	11/21/2018	2	STMICRO		Y RHFAC032K03V		125
5962-8974001RA	C	03/25/2013	1	TI		Y CD54HCT640F3A		590
5962-8974101EA		01/10/1990		(NONE)		54HCT597 (GEN)		228
5962-8974201RA	B	05/16/2013	1	TI		Y CD54HCT574F3A		159
5962-8974301EA	C	05/23/2017	1	TI		Y CD54HCT174F3A		159
5962-89745012A	B	01/19/2012	2	TI		Y SNJ54HCT238FK		282
5962-8974501EA	B	01/19/2012	2	TI		Y SNJ54HCT238J		282



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5962-8974601CA	C	05/23/2017	1	TI		Y	CD54HCT30F3A	106
5962-89747012A	D	01/27/2016	1	TI		Y	SNJ54HCT04FK	143
5962-8974701CA	D	01/27/2016	1	TI		Y	SNJ54HCT04J	143
5962-8974701VCA	D	01/27/2016	1	TI		Y	SNV54HCT04J	143
5962-8974701VDA	D	01/27/2016	1	TI		Y	SNV54HCT04W	143
5962-89748012A	C	06/14/2018	1	LANSDALE		Y	SL54LS642/B2A	590
5962-89748012C	C	06/14/2018	1	LANSDALE		Y	SL54LS642/B2C	590
5962-8974801RA	C	06/14/2018	1	LANSDALE		Y	SL54LS642/BRA	590
5962-8974801SA	C	06/14/2018	1	LANSDALE		Y	SL54LS642/BSA	590
5962-89749012A	D	11/28/2018	3	E2V		Y	54AC191LMQB	304
5962-8974901EA	D	11/28/2018	3	E2V		Y	54AC191DMQB	304
5962-8974901FA	D	11/28/2018	3	E2V		Y	54AC191FMQB	304
5962F8974902V9A	D	11/28/2018	2	STMICRO		Y	AC191DIE2V	304
5962F8974902EA	D	11/28/2018	2	STMICRO		Y	RHFAC191D04Q	304
5962F8974902EC	D	11/28/2018	2	STMICRO		Y	RHFAC191D03Q	304
5962F8974902VEA	D	11/28/2018	2	STMICRO		Y	RHFAC191D04V	304
5962F8974902VEC	D	11/28/2018	2	STMICRO		Y	RHFAC191D03V	304
5962-8974902VXA	D	11/28/2018		(NONE)			54AC191 (GEN)	304
5962-8974902XA	D	11/28/2018		(NONE)			54AC191 (GEN)	304
5962F8974902VXA	D	11/28/2018	2	STMICRO		Y	RHFAC191K02V	304
5962F8974902VXC	D	11/28/2018	2	STMICRO		Y	RHFAC191K01V	304
5962F8974902XA	D	11/28/2018	2	STMICRO		Y	RHFAC191K02Q	304
5962F8974902XC	D	11/28/2018	2	STMICRO		Y	RHFAC191K01Q	304
5962F8974902VYA	D	11/28/2018	2	STMICRO		Y	RHFAC191K04V	304
5962F8974902VYC	D	11/28/2018	2	STMICRO		Y	RHFAC191K03V	304
5962-8975101CA	C	01/19/2012	1	TI		Y	CD54HCT02F3A	120
5962-89754013A	D	07/05/2018	1	E2V		Y	54F646LMQB	590
5962-89754013A	D	07/05/2018	1	ROCHESTER		Y	54F646/Q3A	590
5962-8975401KA	D	07/05/2018	1	E2V		Y	54F646FMQB	590
5962-8975401KA	D	07/05/2018	1	ROCHESTER		Y	54F646/QKA	590
5962-8975401LA	D	07/05/2018	1	E2V		Y	54F646SDMQB	590
5962-8975401LA	D	07/05/2018	1	ROCHESTER		Y	54F646/QLA	590
5962-89754023A	D	07/05/2018	1	ROCHESTER		Y	54F648/B3A	590
5962-8975402KA	D	07/05/2018	1	ROCHESTER		Y	54F648/BKA	590
5962-8975402LA	D	07/05/2018	1	ROCHESTER		Y	54F648/BLA	590
5962-89755013A	E	12/15/2015	1	E2V			AT22V10L-25NM/883	431
5962-8975501KA	E	12/15/2015		(NONE)	03/30/1994		22V10L (GEN)	431
5962-8975501LA	E	12/15/2015	1	E2V			AT22V10L-25GM/883	431
5962-89755023A	E	12/15/2015	1	E2V			AT22V10L-30NM/883	431
5962-8975502KA	E	12/15/2015		(NONE)	03/30/1994		22V10L (GEN)	431
5962-8975502LA	E	12/15/2015	1	E2V			AT22V10L-30GM/883	431
5962-89755033A	E	12/15/2015	1	E2V			AT22V10L-40NM/883	431
5962-8975503KA	E	12/15/2015		(NONE)	03/30/1994		C22V10L (GEN)	431
5962-8975503LA	E	12/15/2015	1	E2V			AT22V10L-40GM/883	431
5962-89755043A	E	12/15/2015	1	E2V			AT22V10L-20NM/883	431
5962-8975504KA	E	12/15/2015		(NONE)	03/30/1994		22V10L (GEN)	431
5962-8975504LA	E	12/15/2015	1	E2V			AT22V10L-20GM/883	431
5962-89756012A	B	11/20/2007		(NONE)			54LS598 (GEN)	224
5962-8975601RA	B	11/20/2007		(NONE)	12/31/2001		54LS598 (GEN)	224

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5962-8975601SA	B	11/20/2007		(NONE)			54LS598 (GEN)	224
5962-89757013A	D	07/05/2018	2	TI			SNJ54AS885FK	209
5962-8975701KA	D	07/05/2018		(NONE)	11/28/2015		54AS885 (GEN)	209
5962-8975701LA	D	07/05/2018	2	TI			SNJ54AS885JT	209
5962-89758013A		03/16/1992		(NONE)			54FCT843A (GEN)	342
5962-8975801KA		03/16/1992		(NONE)			54FCT843A (GEN)	342
5962-8975801LA		03/16/1992		(NONE)			54FCT843A (GEN)	342
5962-89758023A		03/16/1992		(NONE)			54FCT843B (GEN)	342
5962-8975802KA		03/16/1992		(NONE)			54FCT843B (GEN)	342
5962-8975802LA		03/16/1992		(NONE)			54FCT843B (GEN)	342
5962-89758033A		03/16/1992		(NONE)			54FCT843C (GEN)	342
5962-8975803KA		03/16/1992		(NONE)			54FCT843C (GEN)	342
5962-8975803LA		03/16/1992		(NONE)			54FCT843C (GEN)	342
5962-8976001MXA	B	10/03/2013		(NONE)	01/06/2017		DG538A (GEN)	192
5962-89763012A	C	10/21/2016		(NONE)	08/30/2006		DG403A (GEN)	186
5962-8976301M2A	C	10/21/2016		(NONE)	08/30/2006		DG403A (GEN)	186
5962-8976301M2C	C	10/21/2016	1	MAXIM INTEG.			DG403AZ/883B	186
5962-8976301EA	C	10/21/2016		(NONE)	08/30/2006		DG403A (GEN)	186
5962-8976301MEA	C	10/21/2016	1	MAXIM INTEG.			DG403AK/883B	186
5962-8976401MXA	C	03/10/2016	2	IDT		Y	IDT7134SA70CB	618
5962-8976401MYA	C	03/10/2016	2	IDT		Y	IDT7134SA70L48B	618
5962-8976401MZA	C	03/10/2016		(NONE)			7134SA-70 (GEN)	618
5962-8976402MXA	C	03/10/2016	2	IDT		Y	IDT7134LA70CB	618
5962-8976402MYA	C	03/10/2016	2	IDT		Y	IDT7134LA70L48B	618
5962-8976402MZA	C	03/10/2016		(NONE)			7134LA-70 (GEN)	618
5962-8976403MXA	C	03/10/2016	2	IDT		Y	IDT7134SA55CB	618
5962-8976403MYA	C	03/10/2016	2	IDT		Y	IDT7134SA55L48B	618
5962-8976403MZA	C	03/10/2016		(NONE)			7134SA-55 (GEN)	618
5962-8976404MXA	C	03/10/2016	2	IDT		Y	IDT7134LA55CB	618
5962-8976404MYA	C	03/10/2016	2	IDT		Y	IDT7134LA55L48B	618
5962-8976404MZA	C	03/10/2016		(NONE)			7134LA-55 (GEN)	618
5962-8976405MXA	C	03/10/2016	2	IDT		Y	IDT7134SA45CB	618
5962-8976405MYA	C	03/10/2016	2	IDT		Y	IDT7134SA45L48B	618
5962-8976405MZA	C	03/10/2016		(NONE)			7134SA-45 (GEN)	618
5962-8976406MXA	C	03/10/2016	2	IDT		Y	IDT7134LA45CB	618
5962-8976406MYA	C	03/10/2016	2	IDT		Y	IDT7134LA45L48B	618
5962-8976406MZA	C	03/10/2016		(NONE)			7134LA-45 (GEN)	618
5962-8976407MXA	C	03/10/2016	2	IDT		Y	IDT7134SA35CB	618
5962-8976407MYA	C	03/10/2016	2	IDT		Y	IDT7134SA35L48B	618
5962-8976407MZA	C	03/10/2016		(NONE)			7134SA-35FB	618
5962-8976408MXA	C	03/10/2016	2	IDT		Y	IDT7134LA35CB	618
5962-8976408MYA	C	03/10/2016	2	IDT		Y	IDT7134LA35L48B	618
5962-8976408MZA	C	03/10/2016	3	IDT		Y	IDT7134LA35FB	618
5962-8976501EA	E	05/16/2013	1	TI		Y	CD54HC283F3A	202
5962-8976501FA	E	05/16/2013		(NONE)			54HC283 (GEN)	202
5962-8976501VFA	E	05/16/2013		(NONE)			54HC283 (GEN)	202
5962-8976501VXA	E	05/16/2013		(NONE)			54HC283 (GEN)	202
5962-8976501XA	E	05/16/2013		(NONE)			54HC283 (GEN)	202
5962-89766012A	D	10/13/2016	2	E2V		Y	54FCT541LMQB	529

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5962-89766012A	D	10/13/2016	1	E2V		Y	IDT54FCT541LB	529
5962-89766012A	D	10/13/2016	1	PYRAMID		Y	P54FCT541LMB	529
5962-8976601RA	D	10/13/2016	2	E2V		Y	54FCT541DMQB	529
5962-8976601RA	D	10/13/2016	1	E2V		Y	IDT54FCT541DB	529
5962-8976601RA	D	10/13/2016	1	PYRAMID		Y	P54FCT541CMB	529
5962-8976601SA	D	10/13/2016	2	E2V		Y	54FCT541FMQB	529
5962-8976601SA	D	10/13/2016	1	E2V		Y	IDT54FCT541EB	529
5962-8976601SA	D	10/13/2016	1	PYRAMID		Y	P54FCT541FSMB	529
5962-89766022A	D	10/13/2016	1	E2V		Y	IDT54FCT541ALB	529
5962-89766022A	D	10/13/2016	1	PYRAMID		Y	P54FCT541ALMB	529
5962-8976602RA	D	10/13/2016	1	E2V		Y	IDT54FCT541ADB	529
5962-8976602RA	D	10/13/2016	1	PYRAMID		Y	P54FCT541ACMB	529
5962-8976602SA	D	10/13/2016	1	E2V		Y	IDT54FCT541AEB	529
5962-8976602SA	D	10/13/2016	1	PYRAMID		Y	P54FCT541AFSMB	529
5962-89767012A	D	06/28/2017	2	E2V		Y	54FCT540LMQB	529
5962-89767012A	D	06/28/2017	1B	PYRAMID		Y	PF54FCT540LMB	529
5962-8976701RA	D	06/28/2017	2	E2V		Y	54FCT540DMQB	529
5962-8976701RA	D	06/28/2017	1B	PYRAMID		Y	PF54FCT540CMB	529
5962-8976701SA	D	06/28/2017	2	E2V		Y	54FCT540FMQB	529
5962-8976701SA	D	06/28/2017	1B	PYRAMID		Y	PF54FCT540FSMB	529
5962-89767022A	D	06/28/2017	1B	PYRAMID		Y	PF54FCT540ALMB	529
5962-8976702RA	D	06/28/2017	1B	PYRAMID		Y	PF54FCT540ACMB	529
5962-8976702SA	D	06/28/2017	1B	PYRAMID		Y	PF54FCT540AFSMB	529
5962-8976901RA	C	05/23/2016	1	TI		Y	CD54HCT377F3A	159
5962-8977101EA	C	05/23/2017	1	TI		Y	CD54HCT4060F3A	305
5962-8977201MZA		08/04/1992		(NONE)	04/30/1996		8397BH (GEN)	420
5962-89775012A	A	04/14/2009		(NONE)			EP2015 (GEN)	790
5962-8977501CA	A	04/14/2009		(NONE)			EP2015 (GEN)	790
5962-89775022A	A	04/14/2009		(NONE)			EP2015A (GEN)	790
5962-8977502CA	A	04/14/2009		(NONE)			EP2015A (GEN)	790
5962-89776012A	B	03/14/2007		(NONE)			EN2016 (GEN)	790
5962-8977601CA	B	03/14/2007		(NONE)			EN2016 (GEN)	790
5962-89776022A	B	03/14/2007		(NONE)			EN2016A (GEN)	790
5962-8977602CA	B	03/14/2007		(NONE)			EN2016A (GEN)	790
5962-89777013A	C	04/09/2007		(NONE)	06/30/1995		7684T (GEN)	592
5962-8977701XA	C	04/09/2007		(NONE)	12/30/1995		7684T (GEN)	592
5962-89777023A	C	04/09/2007		(NONE)	06/30/1995		7684S (GEN)	592
5962-8977702XA	C	04/09/2007		(NONE)	12/30/1995		7684S (GEN)	592
5962-89777033A	C	04/09/2007		(NONE)	06/30/1995		7684AT (GEN)	592
5962-8977703XA	C	04/09/2007		(NONE)	12/30/1995		7684AT (GEN)	592
5962-89777043A	C	04/09/2007		(NONE)	06/30/1995		7684AS (GEN)	592
5962-8977704XA	C	04/09/2007		(NONE)	12/30/1995		7684AS (GEN)	592
5962-8977705LA	C	04/09/2007		(NONE)	12/30/1995		7690AT (GEN)	592
5962-8977706LA	C	04/09/2007		(NONE)	12/30/1995		7690AS (GEN)	592
5962-89778012A	A	12/05/2006		(NONE)	09/30/1995		1648 (GEN)	815
5962-8977801CA	A	12/05/2006		(NONE)	09/30/1995		1648 (GEN)	815
5962-8977801DA	A	12/05/2006		(NONE)	09/30/1995		1648 (GEN)	815
5962-8978001PA	A	06/07/2010		(NONE)	09/30/1995		3523 (GEN)	899
5962-8978201CA	A	03/01/2007		(NONE)	03/30/2001		LTC1052 (GEN)	738

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5962-8978201GA	A	03/01/2007		(NONE)	03/30/2001		LTC1052 (GEN)	738
5962-8978201PA	A	03/01/2007		(NONE)	03/30/2001		LTC1052 (GEN)	738
5962-89783012A	B	06/07/2011		(NONE)	04/16/2002		OP290A (GEN)	710
5962-8978301PA	B	06/07/2011		(NONE)	04/16/2002		OP290A (GEN)	710
5962-8978501PA	M	07/07/2017	3	AVAGO		Y	HCPL-5731#200	460
5962-8978501PC	M	07/07/2017	3	AVAGO		Y	HCPL-5731	460
5962-8978501XA	M	07/07/2017		(NONE)			66071 (GEN)	460
5962-8978501YA	M	07/07/2017	3	AVAGO		Y	HCPL-5731#100	460
5962-8978501YC	M	07/07/2017	3	AVAGO		Y	HCPL-5731#100	460
5962-8978501ZA	M	07/07/2017	3	AVAGO		Y	HCPL-5731#300	460
5962-89785022A	M	07/07/2017	2	AVAGO		Y	HCPL-6731	460
5962-8978503KPA	M	07/07/2017	3	AVAGO		Y	HCPL-573K#200	460
5962-8978503KPC	M	07/07/2017	3	AVAGO		Y	HCPL-573K	460
5962-8978503KYA	M	07/07/2017	3	AVAGO		Y	HCPL-573K#100	460
5962-8978503KYC	M	07/07/2017	3	AVAGO		Y	HCPL-573K#100	460
5962-8978503KZA	M	07/07/2017	3	AVAGO		Y	HCPL-573K#300	460
5962-8978504K2A	M	07/07/2017	3	AVAGO		Y	HCPL-673K	460
5962-8978505KXA	M	07/07/2017		(NONE)			66071 (GEN)	460
5962-89785062C	M	07/07/2017		(NONE)			66124 (GEN)	460
5962-8978701MEA	A	01/08/2002		(NONE)	03/08/2005		9627 (GEN)	570
5962-89790013A	B	07/13/2016	1	PYRAMID		Y	P4C1682L-20LMB	616
5962-8979001KA	B	07/13/2016	1	PYRAMID		Y	P4C1682L-20FSMB	616
5962-8979001LA	B	07/13/2016	1	PYRAMID		Y	P4C1682L-20CMB	616
5962-89790023A	B	07/13/2016	1	PYRAMID		Y	P4C1682-20LMB	616
5962-8979002KA	B	07/13/2016	1	PYRAMID		Y	P4C1682-20FSMB	616
5962-8979002LA	B	07/13/2016	1	PYRAMID		Y	P4C1682-20CMB	616
5962-89790033A	B	07/13/2016	1	PYRAMID		Y	P4C1682L-15LMB	616
5962-8979003KA	B	07/13/2016	1	PYRAMID		Y	P4C1682L-15FSMB	616
5962-8979003LA	B	07/13/2016	1	PYRAMID		Y	P4C1682L-15CMB	616
5962-89790043A	B	07/13/2016	1	PYRAMID		Y	P4C1682-15LMB	616
5962-8979004KA	B	07/13/2016	1	PYRAMID		Y	P4C1682-15FSMB	616
5962-8979004LA	B	07/13/2016	1	PYRAMID		Y	P4C1682-15CMB	616
5962-8979101QXA	D	12/20/2017		(NONE)			54ACT02 (GEN)	120
5962-8979101VXA	D	12/20/2017		(NONE)			54ACT02 (GEN)	120
5962F8979101QXA	D	12/20/2017	2	STMICRO		Y	RHFACT02K02Q	120
5962F8979101QXC	D	12/20/2017	2	STMICRO		Y	RHFACT02K01Q	120
5962F8979101VXA	D	12/20/2017	2	STMICRO		Y	RHFACT02K02V	120
5962F8979101VXC	D	12/20/2017	2	STMICRO		Y	RHFACT02K01V	120
5962-89793012A	D	04/25/2013	3A	ROCHESTER		Y	54ACT520/B2A	209
5962-8979301RA	D	04/25/2013	3A	ROCHESTER		Y	54ACT520/BRA	209
5962-8979301SA	D	04/25/2013	3A	ROCHESTER		Y	54ACT520/BSA	209
5962-89793022A	D	04/25/2013	3	E2V		Y	54ACT521LMQB	209
5962-89793022A	D	04/25/2013	3	ROCHESTER		Y	54ACT521/Q2A	209
5962-8979302RA	D	04/25/2013	3	E2V		Y	54ACT521DMQB	209
5962-8979302RA	D	04/25/2013	3	ROCHESTER		Y	54ACT521/QRA	209
5962-8979302SA	D	04/25/2013	3	E2V		Y	54ACT521FMQB	209
5962-8979302SA	D	04/25/2013	3	ROCHESTER		Y	54ACT521/QSA	209
5962-89793032A	D	04/25/2013		(NONE)	09/15/1995		54ACT11520 (GEN)	209
5962-8979303RA	D	04/25/2013		(NONE)	09/15/1995		54ACT11520 (GEN)	209

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5962-89793042A	D	04/25/2013	1	ROCHESTER			54ACT11521/B2A	209
5962-8979304RA	D	04/25/2013	1	ROCHESTER			54ACT11521/BRA	209
5962-8979501QXA	D	12/10/2013		(NONE)			54ACT541 (GEN)	529
5962-8979501VXA	D	12/10/2013		(NONE)			54ACT541 (GEN)	529
5962F8979502V9A	D	12/10/2013	2	STMICRO		Y	ACT541DIE2V	529
5962F8979502QRA	D	12/10/2013	2	STMICRO		Y	RHFACT541D04Q	529
5962F8979502QRC	D	12/10/2013	2	STMICRO		Y	RHFACT541D03Q	529
5962F8979502VRA	D	12/10/2013	2	STMICRO		Y	RHFACT541D04V	529
5962F8979502VRC	D	12/10/2013	2	STMICRO		Y	RHFACT541D03V	529
5962-8979502QXA	D	12/10/2013		(NONE)			54ACT541 (GEN)	529
5962-8979502VXA	D	12/10/2013		(NONE)			54ACT541 (GEN)	529
5962F8979502QXA	D	12/10/2013	2	STMICRO		Y	RHFACT541K02Q	529
5962F8979502QXC	D	12/10/2013	2	STMICRO		Y	RHFACT541K01Q	529
5962F8979502VXA	D	12/10/2013	2	STMICRO		Y	RHFACT541K02V	529
5962F8979502VXC	D	12/10/2013	2	STMICRO		Y	RHFACT541K01V	529
5962-8979801XC	K	06/20/2018		(NONE)	11/30/2001		BUS-65142 (GEN)	590
5962-8979801YA	K	06/20/2018		(NONE)	11/30/2001		BUS-65144 (GEN)	590
5962-8979802XA	K	06/20/2018		(NONE)	11/30/2001		BUS-65143 (GEN)	590
5962-8979802YA	K	06/20/2018		(NONE)	11/30/2001		BUS-65145 (GEN)	590
5962-8979803XA	K	06/20/2018	1	AEROFLEX		Y	CT2542-001-2	590
5962-8979803XC	K	06/20/2018	1	AEROFLEX		Y	CT2542-001-1	590
5962-8979803YA	K	06/20/2018	1	AEROFLEX		Y	CT2542-201-2	590
5962-8979803YC	K	06/20/2018	1	AEROFLEX		Y	CT2542-201-1	590
5962-8979804XA	K	06/20/2018	1	AEROFLEX		Y	CT2543-001-2	590
5962-8979804XC	K	06/20/2018	1	AEROFLEX		Y	CT2543-001-1	590
5962-8979804YA	K	06/20/2018	1	AEROFLEX		Y	CT2543-201-2	590
5962-8979804YC	K	06/20/2018	1	AEROFLEX		Y	CT2543-201-2	590
5962-8979805TA	K	06/20/2018		(NONE)			BU-65142 (GEN)	590
5962-8979805ZA	K	06/20/2018		(NONE)			BU-65142 (GEN)	590
5962-8979806TA	K	06/20/2018		(NONE)			BU-65142 (GEN)	590
5962-8979806ZA	K	06/20/2018		(NONE)			BU-65142 (GEN)	590
5962-8979807TA	K	06/20/2018		(NONE)			BU-65142 (GEN)	590
5962-8979807ZA	K	06/20/2018		(NONE)			BU-65142 (GEN)	590
5962-8979808TA	K	06/20/2018	1	DDC		Y	BU-63705D1-140	590
5962-8979808TA	K	06/20/2018	1	DDC		Y	BU-63705D1-150	590
5962-8979808TC	K	06/20/2018	1	DDC		Y	BU-63705D1-110	590
5962-8979808TC	K	06/20/2018	1	DDC		Y	BU-63705D1-130	590
5962-8979808ZA	K	06/20/2018	1	DDC		Y	BU-63705F1-140	590
5962-8979808ZA	K	06/20/2018	1	DDC		Y	BU-63705F1-150	590
5962-8979808ZC	K	06/20/2018	1	DDC		Y	BU-63705F1-110	590
5962-8979808ZC	K	06/20/2018	1	DDC		Y	BU-63705F1-130	590
5962-8979809TA	K	06/20/2018	1	DDC		Y	BU-63705D2-140	590
5962-8979809TA	K	06/20/2018	1	DDC		Y	BU-63705D2-150	590
5962-8979809TC	K	06/20/2018	1	DDC		Y	BU-63705D2-130	590
5962-8979809TC	K	06/20/2018	1	DDC		Y	BU-63705D2-110	590
5962-8979809ZA	K	06/20/2018	1	DDC		Y	BU-63705F2-140	590
5962-8979809ZA	K	06/20/2018	1	DDC		Y	BU-63705F2-150	590
5962-8979809ZC	K	06/20/2018	1	DDC		Y	BU-63705F2-110	590
5962-8979809ZC	K	06/20/2018	1	DDC		Y	BU-63705F2-130	590



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5962-8979810TA	K	06/20/2018	1	DDC		Y BU-63705D3-140		590
5962-8979810TA	K	06/20/2018	1	DDC		Y BU-63705D3-150		590
5962-8979810TC	K	06/20/2018	1	DDC		Y BU-63705D3-110		590
5962-8979810TC	K	06/20/2018	1	DDC		Y BU-63705D3-130		590
5962-8979810ZA	K	06/20/2018	1	DDC		Y BU-63705F3-150		590
5962-8979810ZA	K	06/20/2018	1	DDC		Y BU-63705F3-140		590
5962-8979810ZC	K	06/20/2018	1	DDC		Y BU-63705F3-110		590
5962-8979810ZC	K	06/20/2018	1	DDC		Y BU-63705F3-130		590
5962-8979901XA	D	08/02/2018	1	API		Y FC155391		590
5962-8979901XC	D	08/02/2018	1	API		Y FC155391		590
5962-8979902XA	D	08/02/2018	1	API		Y FC155392		590
5962-8979902XC	D	08/02/2018	1	API		Y FC155392		590
5962-89801012A	F	09/20/2018		ANALOG (2)		Y OP11ARC		713
5962-8980101V2A	F	09/20/2018		(NONE)		OP11A (GEN)		713
5962-8980101CA	F	09/20/2018		ANALOG (2)		Y OP11AY		713
5962-8980101VCA	F	09/20/2018	1	ANALOG (4)		Y OP11AY/QMLV		713
5962-8980101VDA	F	09/20/2018	1	ANALOG (4)		Y OP11AM/QMLV		713
5962-89801022A	F	09/20/2018		(NONE)	04/14/2001	OP11B (GEN)		713
5962-8980102CA	F	09/20/2018		(NONE)		OP11B (GEN)		713
5962-89801032A	F	09/20/2018		(NONE)		OP11A (GEN)		713
5962-8980103CA	F	09/20/2018		(NONE)		OP11A (GEN)		713
5962-8980201XA	C	04/06/2017		(NONE)		LT1031-BM (GEN)		785
5962-8980202XA	C	04/06/2017	1C	LINEAR TECH.		Y LT1031-CMH/883		785
5962-8980203XA	C	04/06/2017		(NONE)		LT1031-DM (GEN)		785
5962-8980301XA	A	02/03/2009		(NONE)	06/30/1996	SL523AC (GEN)		800
5962-89804012A	D	05/02/2008		(NONE)		OP44A (GEN)		702
5962-8980401GA	D	05/02/2008		(NONE)		OP44A (GEN)		702
5962-8980401PA	D	05/02/2008		(NONE)		OP44A (GEN)		702
5962-89805012A	B	11/01/2013	1	ANALOG (2)		Y AD536ASE/883B		594
5962-8980501CA	B	11/01/2013	1	ANALOG (2)		Y AD536ASD/883B		594
5962-8980501IA	B	11/01/2013	1	ANALOG (2)		Y AD536ASH/883B		594
5962-89807012A	D	07/09/2018	1	ANALOG (2)		Y AD630SE/883		804
5962-8980701RA	D	07/09/2018	1	ANALOG (2)		Y AD630SD/883		804
5962-8980801JA	C	01/17/2014		(NONE)		AD568SQ (GEN)		591
5962-8980801LA	C	01/17/2014	1	ANALOG (2)		Y AD568SQ/883B		591
5962-89808023A	C	01/17/2014		(NONE)	04/14/2001	AD568SE (GEN)		591
5962-89809012A	E	10/21/2018	1	ANALOG (2)		Y AD539SE/883B		810
5962-8980901EA	E	10/21/2018	1	ANALOG (2)		Y AD539SD/883B		810
5962-8981001PA	J	07/07/2017	2	AVAGO		Y HCPL-5701#200		460
5962-8981001PC	J	07/07/2017	2	AVAGO		Y HCPL-5701		460
5962-8981001XA	J	07/07/2017	2	AVAGO		Y HCPL-5701#300		460
5962-8981001YA	J	07/07/2017	2	AVAGO		Y HCPL-5701#100		460
5962-8981001YC	J	07/07/2017	2	AVAGO		Y HCPL-5701#100		460
5962-8981002KPA	J	07/07/2017	2	AVAGO		Y HCPL-570K#200		460
5962-8981002KPC	J	07/07/2017	2	AVAGO		Y HCPL-570K		460
5962-8981002KXA	J	07/07/2017	2	AVAGO		Y HCPL-570K#300		460
5962-8981002KYA	J	07/07/2017	2	AVAGO		Y HCPL-570K#100		460
5962-8981002KYC	J	07/07/2017	2	AVAGO		Y HCPL-570K#100		460
5962-89813013A	E	06/24/2014		(NONE)		1437 (GEN)		755

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

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5962-8981301GA	E	06/24/2014		(NONE)			MSK437B (GEN)	755
5962-8981301GC	E	06/24/2014	1	ANAREN		Y	MSK437B	755
5962-8981302GC	E	06/24/2014	1	ANAREN		Y	MSK438B	755
5962-89815013A	C	08/19/2015	1	E2V		Y	QP7C245A-35QMB	658
5962-89815013A	C	08/19/2015	2	E2V		Y	CY7C245A-35QMB	658
5962-89815013A	C	08/19/2015	1	E2V			WS57C45-35ZMB	658
5962-89815013C	C	08/19/2015	1	E2V			WS57C45-35ZMB	658
5962-8981501KA	C	08/19/2015	1	E2V		Y	QP7C245A-35TMB	658
5962-8981501KA	C	08/19/2015	2	E2V		Y	CY7C245A-35TMB	658
5962-8981501KA	C	08/19/2015	1	E2V			WS57C45-35HMB	658
5962-8981501LA	C	08/19/2015	1	E2V		Y	QP7C245A-35WMB	658
5962-8981501LA	C	08/19/2015	2	E2V		Y	CY7C245A-35WMB	658
5962-8981501LA	C	08/19/2015	1	E2V			WS57C45-35KMB	658
5962-89815023A	C	08/19/2015	1	E2V		Y	QP7C245A-25QMB	658
5962-89815023A	C	08/19/2015	2	E2V		Y	CY7C245A-25QMB	658
5962-89815023A	C	08/19/2015	1	E2V			WS57C45-25ZMB	658
5962-89815023C	C	08/19/2015	1	E2V			WS57C45-25ZMB	658
5962-8981502KA	C	08/19/2015	1	E2V		Y	QP7C245A-25TMB	658
5962-8981502KA	C	08/19/2015	2	E2V		Y	CY7C245A-25TMB	658
5962-8981502KA	C	08/19/2015	1	E2V			WS57C45-25HMB	658
5962-8981502LA	C	08/19/2015	2	E2V		Y	CY7C245A-25WMB	658
5962-8981502LA	C	08/19/2015	1	E2V		Y	QP7C245A-25WMB	658
5962-8981502LA	C	08/19/2015	1	E2V			WS57C45-25KMB	658
5962-89815033A	C	08/19/2015	2	E2V		Y	CY7C245A-18QMB	658
5962-89815033A	C	08/19/2015	1	E2V		Y	QP7C245A-18QMB	658
5962-8981503KA	C	08/19/2015	1	E2V		Y	QP7C245A-18TMB	658
5962-8981503KA	C	08/19/2015	2	E2V		Y	CY7C245A-18TMB	658
5962-8981503LA	C	08/19/2015	2	E2V		Y	CY7C245A-18WMB	658
5962-8981503LA	C	08/19/2015	1	E2V		Y	QP7C245A-18WMB	658
5962-8981701XA	D	08/24/2015	2	E2V		Y	CY7C271-55WMB	662
5962-8981701XA	D	08/24/2015	1	E2V		Y	QP7C271-55WMB	662
5962-8981701YA	D	08/24/2015	1	E2V		Y	QP7C271-55TMB	662
5962-8981701ZA	D	08/24/2015	2	E2V		Y	CY7C271-55QMB	662
5962-8981701ZA	D	08/24/2015	1	E2V		Y	QP7C271-55QMB	662
5962-8981702XA	D	08/24/2015	1	E2V		Y	QP7C271-45WMB	662
5962-8981702XA	D	08/24/2015	2	E2V		Y	CY7C271-45WMB	662
5962-8981702YA	D	08/24/2015	1	E2V		Y	QP7C271-45TMB	662
5962-8981702ZA	D	08/24/2015	1	E2V		Y	QP7C271-45QMB	662
5962-8981702ZA	D	08/24/2015	2	E2V		Y	CY7C271-45QMB	662
5962-8981703XA	D	08/24/2015	2	E2V		Y	CY7C271-35WMB	662
5962-8981703XA	D	08/24/2015	1	E2V		Y	QP7C271-35WMB	662
5962-8981703YA	D	08/24/2015	1	E2V		Y	QP7C271-35TMB	662
5962-8981703ZA	D	08/24/2015	2	E2V		Y	CY7C271-35QMB	662
5962-8981703ZA	D	08/24/2015	1	E2V		Y	QP7C271-35QMB	662
5962-8981704UA	D	08/24/2015	2	E2V		Y	CY7C274-55WMB	662
5962-8981704ZA	D	08/24/2015	2	E2V		Y	CY7C274-55QMB	662
5962-8981705UA	D	08/24/2015	2	E2V		Y	CY7C274-45WMB	662
5962-8981705ZA	D	08/24/2015	2	E2V		Y	CY7C274-45QMB	662
5962-8981706UA	D	08/24/2015	2	E2V		Y	CY7C274-35WMB	662

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5962-8981706ZA	D	08/24/2015	2	E2V		Y CY7C274-35QMB		662
5962-8982101GA	C	03/09/2018	1	E2V		Y QP1634/BGA		583
5962-8982101GA	C	03/09/2018	1B	ROCHESTER		Y DS1634H/883		583
5962-8982101PA	C	03/09/2018	1	E2V		Y QP1634/BPA		583
5962-8982101PA	C	03/09/2018	1B	ROCHESTER		Y DS1634J-8/883		583
5962-8982301MTC	J	11/18/2015		(NONE)	01/15/2000		3090-50 (GEN)	431
5962-8982301MUA	J	11/18/2015		(NONE)			3090-50 (GEN)	431
5962-8982301MXC	J	11/18/2015		(NONE)	01/15/2000		3090-50 (GEN)	431
5962-8982301QXA	J	11/18/2015		(NONE)			3090-50 (GEN)	431
5962-8982301XC	J	11/18/2015		(NONE)	01/15/2000		3090-50 (GEN)	431
5962-8982301MYA	J	11/18/2015		(NONE)			3090-50 (GEN)	431
5962-8982301YA	J	11/18/2015		(NONE)	5962-8982301MYA		3090-50 (GEN)	431
5962-8982301MZC	J	11/18/2015		(NONE)	01/15/2000		3090-50 (GEN)	431
5962-8982301QZA	J	11/18/2015		(NONE)			3090-50 (GEN)	431
5962-8982301ZC	J	11/18/2015		(NONE)	01/15/2000		3090-50 (GEN)	431
5962-8982302MTC	J	11/18/2015		(NONE)	01/15/2000		3090-70 (GEN)	431
5962-8982302MUA	J	11/18/2015		(NONE)			3090-70 (GEN)	431
5962-8982302MXC	J	11/18/2015		(NONE)	01/15/2000		3090-70 (GEN)	431
5962-8982302QXA	J	11/18/2015		(NONE)			3090-70 (GEN)	431
5962-8982302XC	J	11/18/2015		(NONE)	01/15/2000		3090-70 (GEN)	431
5962-8982302MYA	J	11/18/2015		(NONE)			3090-70 (GEN)	431
5962-8982302YA	J	11/18/2015		(NONE)	5962-8982302MYA		3090-70 (GEN)	431
5962-8982302MZC	J	11/18/2015		(NONE)	01/15/2000		3090-70 (GEN)	431
5962-8982302QZA	J	11/18/2015		(NONE)			3090-70 (GEN)	431
5962-8982302ZC	J	11/18/2015		(NONE)	01/15/2000		3090-70 (GEN)	431
5962-8982303MTC	J	11/18/2015		(NONE)	12/31/2012		3090-100 (GEN)	431
5962-8982303MXC	J	11/18/2015		(NONE)	12/31/2012		3090-100 (GEN)	431
5962-8982303QXA	J	11/18/2015		(NONE)			3090-100 (GEN)	431
5962-8982303MZC	J	11/18/2015		(NONE)			3090-100 (GEN)	431
5962-8982303QZA	J	11/18/2015		(NONE)			3090-100 (GEN)	431
5962-8982304QXA	J	11/18/2015		(NONE)			3090-125 (GEN)	431
5962-8982304QZA	J	11/18/2015		(NONE)			3090-125 (GEN)	431
5962-8982401PA	E	10/23/2018	1	ANALOG (2)		Y AD586SQ/883B		785
5962-8982402PA	E	10/23/2018	1	ANALOG (2)		Y AD586TQ/883B		785
5962-8982501PA	C	07/25/2018		(NONE)	04/30/2003		AD587S (GEN)	785
5962-8982502PA	C	07/25/2018	1	ANALOG (2)		Y AD587TQ/883B		785
5962-8982503PA	C	07/25/2018	1	ANALOG (2)		Y AD587UQ/883B		785
5962-8982601XA	G	02/17/2015	1	DDC		Y BUS-63127II		590
5962-8982601XC	G	02/17/2015	1	DDC		Y BUS-63127II		590
5962-8982601YA	G	02/17/2015	1	DDC		Y BUS-63128II		590
5962-8982601YC	G	02/17/2015	1	DDC		Y BUS-63128II		590
5962-8982602XA	G	02/17/2015	1	AEROFLEX		Y ARX3419		590
5962-8982602XC	G	02/17/2015	1	AEROFLEX		Y ARX3419		590
5962-8982602YA	G	02/17/2015	1	AEROFLEX		Y ARX3419FP		590
5962-8982602YC	G	02/17/2015	1	AEROFLEX		Y ARX3419FP		590
5962-8982603XA	G	02/17/2015		(NONE)			NHI-1502 (GEN)	590
5962-8982603YA	G	02/17/2015		(NONE)			NHI-1502 (GEN)	590
5962-8982604XA	G	02/17/2015		(NONE)			NHI-1523 (GEN)	590
5962-8982604YA	G	02/17/2015		(NONE)			NHI-1523 (GEN)	590

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5962-8982605XA	G	02/17/2015	1	API		Y FC1553721		590
5962-8982605XC	G	02/17/2015	1	API		Y FC1553721		590
5962-8982605YA	G	02/17/2015	1	API		Y FC1553721FP		590
5962-8982605YC	G	02/17/2015	1	API		Y FC1553721FP		590
5962-8982606XA	G	02/17/2015		(NONE)		CT1589 (GEN)		590
5962-8982606YA	G	02/17/2015		(NONE)		CT1589 (GEN)		590
5962-8982607XA	G	02/17/2015	1	API		Y FC1553722		590
5962-8982607XC	G	02/17/2015	1	API		Y FC1553722		590
5962-8982607YA	G	02/17/2015	1	API		Y FC1553722FP		590
5962-8982607YC	G	02/17/2015	1	API		Y FC1553722FP		590
5962-8982608XA	G	02/17/2015	1	API		Y FC1553726		590
5962-8982608XC	G	02/17/2015	1	API		Y FC1553726		590
5962-8982608YA	G	02/17/2015	1	API		Y FC1553726FP		590
5962-8982608YC	G	02/17/2015	1	API		Y FC1553726FP		590
5962-8982609UA	G	02/17/2015	1	AEROFLEX		Y ACT3433-001-2		590
5962-8982609UC	G	02/17/2015	1	AEROFLEX		Y ACT3433-001-1		590
5962-8982609ZA	G	02/17/2015	1	AEROFLEX		Y ACT3433-201-2		590
5962-8982609ZC	G	02/17/2015	1	AEROFLEX		Y ACT3433-201-1		590
5962-8982610XA	G	02/17/2015		(NONE)		NHI-1522 (GEN)		590
5962-8982610YA	G	02/17/2015		(NONE)		NHI-1522 (GEN)		590
5962-8982801EA	B	03/02/2009		(NONE)		TDC1044 (GEN)		592
5962-8983001RA	D	04/25/2007		(NONE)		LTC1090 (GEN)		433
5962-8983002RA	D	04/25/2007		(NONE)	03/30/2001	LTC1290B (GEN)		433
5962-8983003RA	D	04/25/2007		(NONE)	03/30/2001	LTC1290C (GEN)		433
5962-8983004RA	D	04/25/2007		(NONE)	03/30/2001	LTC1290D (GEN)		433
5962-89839012A	G	10/15/2014	2	E2V		16V8D-30LR/883		431
5962-8983901RA	G	10/15/2014	2	E2V		16V8D-30LD/883		431
5962-89839022A	G	10/15/2014	2	E2V		16V8D-20LR/883		431
5962-8983902RA	G	10/15/2014	2	E2V		16V8D-20LD/883		431
5962-8983902SA	G	10/15/2014		(NONE)		16V8 (GEN)		431
5962-89839032A	G	10/15/2014	2	E2V		16V8D-15LR/883		431
5962-8983903RA	G	10/15/2014	2	E2V		16V8D-15LD/883		431
5962-8983903SA	G	10/15/2014		(NONE)		16V8 (GEN)		431
5962-89839042A	G	10/15/2014	2	E2V		Y PALCE16V8-10LMB		431
5962-89839042A	G	10/15/2014	2	E2V		16V8D-10LR/883		431
5962-8983904RA	G	10/15/2014	2	E2V		Y PALCE16V8-10DMB		431
5962-8983904RA	G	10/15/2014	2	E2V		16V8D-10LD/883		431
5962-89839052A	G	10/15/2014		(NONE)		16V8 (GEN)		431
5962-8983905RA	G	10/15/2014		(NONE)		16V8 (GEN)		431
5962-89839062A	G	10/15/2014		(NONE)		16V8 (GEN)		431
5962-8983906RA	G	10/15/2014		(NONE)		16V8 (GEN)		431
5962-89839072A	G	10/15/2014	2	E2V		16V8D-7LR/883		431
5962-8983907RA	G	10/15/2014	2	E2V		16V8D-7LD/883		431
5962-89839082A	G	10/15/2014		(NONE)		16V8L-25 (GEN)		431
5962-8983908RA	G	10/15/2014		(NONE)		16V8L-25 (GEN)		431
5962-89839092A	G	10/15/2014	2	E2V		Y PALCE16V8-15LMB		431
5962-8983909RA	G	10/15/2014	2	E2V		Y PALCE16V8-15DMB		431
5962-89839102A	G	10/15/2014		(NONE)		16V8L-15 (GEN)		431
5962-8983910RA	G	10/15/2014		(NONE)		16V8L-15 (GEN)		431

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## PART I, Listed By SMD PIN

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5962-89839112A	G	10/15/2014	2	E2V		Y	PALCE16V8-10LMB	431
5962-8983911RA	G	10/15/2014	2	E2V		Y	PALCE16V8-10DMB	431
5962-89839122A	G	10/15/2014		(NONE)			16V8L-25 (GEN)	431
5962-8983912RA	G	10/15/2014		(NONE)			16V8L-25 (GEN)	431
5962-89839132A	G	10/15/2014	2	E2V		Y	PALCE16V8-15LMB	431
5962-8983913RA	G	10/15/2014	2	E2V		Y	PALCE16V8-15DMB	431
5962-89839142A	G	10/15/2014		(NONE)			16V8L-15 (GEN)	431
5962-8983914RA	G	10/15/2014		(NONE)			16V8L-15 (GEN)	431
5962-89840013A	F	04/12/2018	2	E2V			20V8B-30LR/883	431
5962-8984001LA	F	04/12/2018	2	E2V			20V8B-30LD/883	431
5962-89840023A	F	04/12/2018	2	E2V			20V8B-20LR/883	431
5962-8984002LA	F	04/12/2018	2	E2V			20V8B-20LD/883	431
5962-89840033A	F	04/12/2018	2	E2V			20V8B-15LR/883	431
5962-8984003LA	F	04/12/2018	2	E2V			20V8B-15LD/883	431
5962-89840043A	F	04/12/2018		(NONE)	11/19/2007		20V8B-10 (GEN)	431
5962-8984004LA	F	04/12/2018		(NONE)	10/08/2010		20V8B-10 (GEN)	431
5962-89841013A	M	09/21/2017	3	E2V		Y	PALC22V10D-30LMB	431
5962-89841013A	M	09/21/2017	3	E2V		Y	PALCE22V10-30LMB	431
5962-89841013A	M	09/21/2017	2	E2V			22V10D-30LR/883	431
5962-8984101KA	M	09/21/2017	3	E2V		Y	PALCE22V10-30KMB	431
5962-8984101KA	M	09/21/2017	3	E2V		Y	PALC22V10D-30KMB	431
5962-8984101KA	M	09/21/2017	1	E2V		Y	QPC22V10-30/BKA	431
5962-8984101LA	M	09/21/2017	3	E2V		Y	PALC22V10D-30DMB	431
5962-8984101LA	M	09/21/2017	3	E2V		Y	PALCE22V10-30DMB	431
5962-8984101LA	M	09/21/2017	2	E2V			22V10D-30LD/883	431
5962-89841023A	M	09/21/2017	3	E2V		Y	PALCE22V10-20LMB	431
5962-89841023A	M	09/21/2017	3	E2V		Y	PALC22V10D-20LMB	431
5962-89841023A	M	09/21/2017	2	E2V			22V10D-20LR/883	431
5962-8984102KA	M	09/21/2017	1	E2V		Y	QPC22V10-20/BKA	431
5962-8984102KA	M	09/21/2017	3	E2V		Y	PALCE22V10-20KMB	431
5962-8984102KA	M	09/21/2017	3	E2V		Y	PALC22V10D-20KMB	431
5962-8984102LA	M	09/21/2017	3	E2V		Y	PALC22V10D-20DMB	431
5962-8984102LA	M	09/21/2017	3	E2V		Y	PALCE22V10-20DMB	431
5962-8984102LA	M	09/21/2017	2	E2V			22V10D-20LD/883	431
5962-89841033A	M	09/21/2017	2	ATMEL			ATF22V10B-15NM/883	431
5962-89841033A	M	09/21/2017	3	E2V		Y	PALCE22V10-15LMB	431
5962-89841033A	M	09/21/2017	3	E2V		Y	PALC22V10D-15LMB	431
5962-89841033A	M	09/21/2017	2	E2V			22V10D-15LR/883	431
5962-8984103KA	M	09/21/2017	3	E2V		Y	PALCE22V10-15KMB	431
5962-8984103KA	M	09/21/2017	3	E2V		Y	PALC22V10D-15KMB	431
5962-8984103KA	M	09/21/2017	1	E2V		Y	QPC22V10-15/BKA	431
5962-8984103LA	M	09/21/2017	2	ATMEL			ATF22V10B-15GM/883	431
5962-8984103LA	M	09/21/2017	3	E2V		Y	PALCE22V10-15DMB	431
5962-8984103LA	M	09/21/2017	3	E2V		Y	PALC22V10D-15DMB	431
5962-8984103LA	M	09/21/2017	2	E2V			22V10D-15LD/883	431
5962-8984103LC	M	09/21/2017	2	DPA			DPA22V10-15LC	431
5962-89841043A	M	09/21/2017	3	E2V		Y	PALCE22V10-25LMB	431
5962-89841043A	M	09/21/2017	3	E2V		Y	PALC22V10D-25LMB	431
5962-89841043A	M	09/21/2017	2	E2V			22V10D-25LR/883	431



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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

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5962-8984104KA	M	09/21/2017	3	E2V		Y	PALC22V10D-25KMB	431
5962-8984104KA	M	09/21/2017	3	E2V		Y	PALCE22V10-25KMB	431
5962-8984104KA	M	09/21/2017	1	E2V		Y	QPC22V10-25/BKA	431
5962-8984104LA	M	09/21/2017	3	E2V		Y	PALC22V10D-25DMB	431
5962-8984104LA	M	09/21/2017	3	E2V		Y	PALCE22V10-25DMB	431
5962-8984104LA	M	09/21/2017	2	E2V			22V10D-25LD/883	431
5962-89841053A	M	09/21/2017	3	E2V		Y	PALCE22V10-15LMB	431
5962-89841053A	M	09/21/2017	3	E2V		Y	PALC22V10D-15LMB	431
5962-8984105KA	M	09/21/2017	3	E2V		Y	PALC22V10D-15KMB	431
5962-8984105KA	M	09/21/2017	3	E2V		Y	PALCE22V10-15KMB	431
5962-8984105KA	M	09/21/2017	1	E2V		Y	QPC22V10-15/BKA	431
5962-8984105LA	M	09/21/2017	3	E2V		Y	PALC22V10D-15DMB	431
5962-8984105LA	M	09/21/2017	3	E2V		Y	PALCE22V10-15DMB	431
5962-89841063A	M	09/21/2017	2	ATMEL			ATF22V10B-10NM/883	431
5962-89841063A	M	09/21/2017	3	E2V		Y	PALCE22V10-10LMB	431
5962-89841063A	M	09/21/2017	3	E2V		Y	PALC22V10D-10LMB	431
5962-89841063A	M	09/21/2017	2	E2V			22V10D-10LR/883	431
5962-8984106KA	M	09/21/2017	3	E2V		Y	QPC22V10-10/BKA	431
5962-8984106KA	M	09/21/2017	3	E2V		Y	PALCE22V10-10KMB	431
5962-8984106KA	M	09/21/2017	3	E2V		Y	PALC22V10D-10KMB	431
5962-8984106LA	M	09/21/2017	2	ATMEL			ATF22V10B-10GM/883	431
5962-8984106LA	M	09/21/2017	3	E2V		Y	PALCE22V10-10DMB	431
5962-8984106LA	M	09/21/2017	3	E2V		Y	PALC22V10D-10DMB	431
5962-8984106LA	M	09/21/2017	2	E2V			22V10D-10LD/883	431
5962-89841073A	M	09/21/2017		(NONE)			22V10-30 (GEN)	431
5962-8984107KA	M	09/21/2017		(NONE)			22V10-30 (GEN)	431
5962-8984107LA	M	09/21/2017		(NONE)			22V10-30 (GEN)	431
5962-89841083A	M	09/21/2017		(NONE)			22V10-20 (GEN)	431
5962-8984108KA	M	09/21/2017		(NONE)			22V10-20 (GEN)	431
5962-8984108LA	M	09/21/2017		(NONE)			22V10-20 (GEN)	431
5962-89841093A	M	09/21/2017		(NONE)			22V10-15 (GEN)	431
5962-8984109KA	M	09/21/2017		(NONE)			22V10-15 (GEN)	431
5962-8984109LA	M	09/21/2017		(NONE)			22V10-15 (GEN)	431
5962-89841103A	M	09/21/2017		(NONE)			22V10-25 (GEN)	431
5962-8984110KA	M	09/21/2017		(NONE)			22V10-25 (GEN)	431
5962-8984110LA	M	09/21/2017		(NONE)			22V10-25 (GEN)	431
5962-89841113A	M	09/21/2017		(NONE)			22V10-15 (GEN)	431
5962-8984111KA	M	09/21/2017		(NONE)			22V10-15 (GEN)	431
5962-8984111LA	M	09/21/2017		(NONE)			22V10-15 (GEN)	431
5962-89841123A	M	09/21/2017		(NONE)			22V10-10 (GEN)	431
5962-8984112KA	M	09/21/2017		(NONE)			22V10-10 (GEN)	431
5962-8984112LA	M	09/21/2017		(NONE)			22V10-10 (GEN)	431
5962-89841133A	M	09/21/2017		(NONE)	02/29/2000		22V10-25 (GEN)	431
5962-8984113LA	M	09/21/2017		(NONE)	02/29/2000		22V10-25 (GEN)	431
5962-89841143A	M	09/21/2017		(NONE)	02/29/2000		22V10-20 (GEN)	431
5962-8984114LA	M	09/21/2017		(NONE)	02/29/2000		22V10-20 (GEN)	431
5962-89841153A	M	09/21/2017	1C	ATMEL			ATF22V10C-15NM/883	431
5962-8984115LA	M	09/21/2017	1C	ATMEL			ATF22V10C-15GM/883	431
5962-89841163A	M	09/21/2017	2	ATMEL			ATF22V10C-10NM/883	431

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5962-8984116LA	M	09/21/2017	2	ATMEL			ATF22V10C-10GM/883	431
5962-8984201GA	D	08/20/2018	1	ROCHESTER		Y	ICL8211MTY/883B	899
5962-8984201GC	D	08/20/2018	1	ROCHESTER		Y	ICL8211MTY/883B	899
5962-8984202GC	D	08/20/2018		(NONE)	12/24/2000		ICL8212 (GEN)	899
5962-8984301CA	B	02/23/2012	1	TI		Y	CD54HCT10F3A	102
5962-8984401CA	C	05/23/2017	1	TI		Y	CD54HCT86F3A	140
5962-8984501CA	E	06/29/2015	2	TI		Y	CD54HCT132F3A	109
5962-89845022A	E	06/29/2015	2	TI		Y	SNJ54HC132FK	109
5962-8984502CA	E	06/29/2015	2	TI		Y	SNJ54HC132J	109
5962-8984502VCA	E	06/29/2015	2	TI		Y	SNV54HC132J	109
5962-8984502DA	E	06/29/2015	2	TI		Y	SNJ54HC132W	109
5962-8984502VDA	E	06/29/2015	2	TI		Y	SNV54HC132W	109
5962-8984502VXA	E	06/29/2015		(NONE)			54HC132 (GEN)	109
5962-8984502XA	E	06/29/2015		(NONE)			54HC132 (GEN)	109
5962-89847012A	E	03/25/2015	3	E2V		Y	54ACT241LMQB	529
5962-89847012A	E	03/25/2015	3	ROCHESTER		Y	54ACT241/Q2A	529
5962-89847012A	E	03/25/2015	2	TI		Y	SNJ54ACT241FK	529
5962-8984701V2A	E	03/25/2015		(NONE)	12/03/2008		54ACT241 (GEN)	529
5962-8984701RA	E	03/25/2015	3	E2V		Y	54ACT241DMQB	529
5962-8984701RA	E	03/25/2015	3	ROCHESTER		Y	54ACT241/QRA	529
5962-8984701RA	E	03/25/2015	2	TI		Y	SNJ54ACT241J	529
5962-8984701VRA	E	03/25/2015		(NONE)	12/03/2008		54ACT241 (GEN)	529
5962-8984701SA	E	03/25/2015	3	E2V		Y	54ACT241FMQB	529
5962-8984701SA	E	03/25/2015	3	ROCHESTER		Y	54ACT241/QSA	529
5962-8984701SA	E	03/25/2015	2	TI		Y	SNJ54ACT241W	529
5962-8984701VSA	E	03/25/2015		(NONE)	12/03/2008		54ACT241 (GEN)	529
5962-8984701VZA	E	03/25/2015		(NONE)			54ACT241 (GEN)	529
5962-89847023A	E	03/25/2015	1	ROCHESTER		Y	54ACT11241/B3A	529
5962-8984702LA	E	03/25/2015	1	ROCHESTER		Y	54ACT11241/BLA	529
5962-8984901RA	C	10/25/2016	1	TI		Y	CD54HCT534F3A	159
5962-8985201EA	B	03/25/2013	1	TI		Y	CD54HCT259F3A	341
5962-8985501M3A	C	03/06/2018		(NONE)			7C331-40 (GEN)	431
5962-8985501MXA	C	03/06/2018		(NONE)			7C331-40 (GEN)	431
5962-8985501MYA	C	03/06/2018		(NONE)			7C331-40 (GEN)	431
5962-8985501MZA	C	03/06/2018		(NONE)			7C331-40 (GEN)	431
5962-8985502M3A	C	03/06/2018		(NONE)			7C331-30 (GEN)	431
5962-8985502MXA	C	03/06/2018		(NONE)			7C331-30 (GEN)	431
5962-8985502MYA	C	03/06/2018		(NONE)			7C331-30 (GEN)	431
5962-8985502MZA	C	03/06/2018		(NONE)			7C331-30 (GEN)	431
5962-8985503M3A	C	03/06/2018		(NONE)			7C331-25 (GEN)	431
5962-8985503MXA	C	03/06/2018		(NONE)	04/10/2001		7C331-25 (GEN)	431
5962-8985503MYA	C	03/06/2018		(NONE)			7C331-25 (GEN)	431
5962-8985503MZA	C	03/06/2018		(NONE)			7C331-25 (GEN)	431
5962-89856012A	C	11/26/2007		(NONE)	09/30/1995		10H509 (GEN)	149
5962-8985601EA	C	11/26/2007		(NONE)	09/30/1995		10H509 (GEN)	149
5962-8985601FA	C	11/26/2007		(NONE)	09/30/1995		10H509 (GEN)	149
5962-89857012A	A	12/06/2007		(NONE)	06/01/1997		54F367 (GEN)	522
5962-8985701EA	A	12/06/2007		(NONE)	06/01/1997		54F367 (GEN)	522
5962-8985701FA	A	12/06/2007		(NONE)	06/01/1997		54F367 (GEN)	522

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5962-8985801XA	D	02/22/2006		(NONE)	09/27/2002		CLC206A (GEN)	755
5962-8986201XA	A	05/01/2006		(NONE)	09/01/2000		HS9378 (GEN)	591
5962-8986202XA	A	05/01/2006		(NONE)	09/01/2000		HS9378 (GEN)	591
5962-8986301UA	B	04/20/2015	3	E2V		Y	CY7C421-80KMB	670
5962-8986301XA	B	04/20/2015	3	E2V		Y	CY7C420-80DMB	670
5962-8986301YA	B	04/20/2015	3	E2V		Y	CY7C421-80DMB	670
5962-8986301ZA	B	04/20/2015	3	E2V		Y	CY7C421-80LMB	670
5962-8986302UA	B	04/20/2015	3	E2V		Y	CY7C421-65KMB	670
5962-8986302XA	B	04/20/2015	3	E2V		Y	CY7C420-65DMB	670
5962-8986302YA	B	04/20/2015	3	E2V		Y	CY7C421-65DMB	670
5962-8986302ZA	B	04/20/2015	3	E2V		Y	CY7C421-65LMB	670
5962-8986303UA	B	04/20/2015	3	E2V		Y	CY7C421-50KMB	670
5962-8986303XA	B	04/20/2015	3	E2V		Y	CY7C420-50DMB	670
5962-8986303YA	B	04/20/2015	3	E2V		Y	CY7C421-50DMB	670
5962-8986303YA	B	04/20/2015		IDT		Y	IDT7201SA50TDB	670
5962-8986303ZA	B	04/20/2015	3	E2V		Y	CY7C421-50LMB	670
5962-8986304UA	B	04/20/2015	3	E2V		Y	CY7C421-40KMB	670
5962-8986304XA	B	04/20/2015	3	E2V		Y	CY7C420-40DMB	670
5962-8986304YA	B	04/20/2015	3	E2V		Y	CY7C421-40DMB	670
5962-8986304ZA	B	04/20/2015	3	E2V		Y	CY7C421-40LMB	670
5962-8986305UA	B	04/20/2015	3	E2V		Y	CY7C421-30KMB	670
5962-8986305XA	B	04/20/2015	3	E2V		Y	CY7C420-30DMB	670
5962-8986305YA	B	04/20/2015	3	E2V		Y	CY7C421-30DMB	670
5962-8986305YA	B	04/20/2015		IDT		Y	IDT7201SA30TDB	670
5962-8986305ZA	B	04/20/2015	3	E2V		Y	CY7C421-30LMB	670
5962-8986306UA	B	04/20/2015	3	E2V		Y	CY7C421-25KMB	670
5962-8986306XA	B	04/20/2015	3	E2V		Y	CY7C420-25DMB	670
5962-8986306YA	B	04/20/2015	3	E2V		Y	CY7C421-25DMB	670
5962-8986306ZA	B	04/20/2015	3	E2V		Y	CY7C421-25LMB	670
5962-8986701CA	B	05/02/2007		(NONE)	07/01/1994		UH507 (GEN)	500
5962-8986801QYA	C	07/20/2018		(NONE)			IP138A (GEN)	780
5962-8987001TA	D	07/03/2017	3	MICROSEMI (1)		Y	SG7908AG/883B	783
5962-8987001UA	D	07/03/2017	3	MICROSEMI (1)		Y	SG7908AIG/883B	783
5962-8987001XA	D	07/03/2017	3	MICROSEMI (1)		Y	SG7908AT/883B	783
5962-8987001YA	D	07/03/2017	3	MICROSEMI (1)		Y	SG7908AK/883B	783
5962-8987001ZA	D	07/03/2017	3	MICROSEMI (1)		Y	SG7908AR/883B	783
5962-8987101GA	C	07/15/2010		(NONE)	04/14/2001		CMP01 (GEN)	770
5962-8987101PA	C	07/15/2010		(NONE)	04/14/2001		CMP01 (GEN)	770
5962-8987301YA	A	08/16/2012		(NONE)			LT1003 (GEN)	782
5962-8987501CA	B	11/04/2010		(NONE)			1595 (GEN)	810
5962-8987601EA	C	06/03/2015	2	MICROSEMI (1)		Y	SG2023J/883B	790
5962-8987601FA	C	06/03/2015	2	MICROSEMI (1)		Y	SG2023F/883B	790
5962-89877012C	D	11/17/2016	1	MAXIM INTEG.			MAX232MLP/883B	590
5962-8987701EA	D	11/17/2016	1	MAXIM INTEG.			MAX232MJE/883B	590
5962-8987701XA	D	11/17/2016		(NONE)			232 (GEN)	590
5962-8987702RA	D	11/17/2016		(NONE)			MAX230 (GEN)	590
5962-8987703CA	D	11/17/2016		(NONE)	07/10/2015		MAX231 (GEN)	590
5962-8987704EA	D	11/17/2016		(NONE)	07/10/2015		MAX234 (GEN)	590
5962-8987705JA	D	11/17/2016		(NONE)			MAX236 (GEN)	590

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5962-8987706JA	D	11/17/2016		(NONE)			MAX237 (GEN)	590
5962-8987707JA	D	11/17/2016		(NONE)			MAX238 (GEN)	590
5962-8987708JA	D	11/17/2016		(NONE)			MAX239 (GEN)	590
5962-8987801EA	D	06/11/2018	1	MICROSEMI (1)		Y	SG1548J/883B	899
5962-89880012A	E	06/18/2018		(NONE)	12/31/2002		HA-2522 (GEN)	702
5962-8988001GC	E	06/18/2018		(NONE)	07/02/2004		HA-2522 (GEN)	702
5962-8988001PA	E	06/18/2018		(NONE)	12/24/2000		HA-2522 (GEN)	702
5962-89880022A	E	06/18/2018		(NONE)			HA 2520 (GEN)	702
5962-8988002GC	E	06/18/2018	1	RENESAS		Y	HA2-2520/883	702
5962-8988002PA	E	06/18/2018		(NONE)	10/05/2004		HA-2520 (GEN)	702
5962-8988201CA	C	12/20/2006		(NONE)			78C30 (GEN)	564
5962-8988201DA	C	12/20/2006		(NONE)			78C30 (GEN)	564
5962-8988301XA	D	07/15/2016	1	PYRAMID		Y	P4C163-55CMB	629
5962-8988301YA	D	07/15/2016		(NONE)	03/31/1995		8908CA55 (GEN)	629
5962-8988301ZA	D	07/15/2016	1	PYRAMID		Y	P4C163-55LMB	629
5962-8988302XA	D	07/15/2016	1	PYRAMID		Y	P4C163-45CMB	629
5962-8988302YA	D	07/15/2016		(NONE)	03/31/1995		8908CA45 (GEN)	629
5962-8988302ZA	D	07/15/2016	1	PYRAMID		Y	P4C163-45LMB	629
5962-8988303XA	D	07/15/2016	1	PYRAMID		Y	P4C163-35CMB	629
5962-8988303YA	D	07/15/2016		(NONE)	03/31/1995		8908CA35 (GEN)	629
5962-8988303ZA	D	07/15/2016	1	PYRAMID		Y	P4C163-35LMB	629
5962-8988304XA	D	07/15/2016	1	PYRAMID		Y	P4C163-35CMB	629
5962-8988304ZA	D	07/15/2016	1	PYRAMID		Y	P4C163-35LMB	629
5962-89889013A	C	08/14/2007		(NONE)			54ALS870 (GEN)	627
5962-8988901KA	C	08/14/2007		(NONE)			54ALS870 (GEN)	627
5962-8988901LA	C	08/14/2007		(NONE)			54ALS870 (GEN)	627
5962-8989001CA	C	09/23/2015	1	TI		Y	CD54HCT393F3A	305
5962-8989101LA	C	12/14/2015	1	PYRAMID		Y	P4C198AL-25DMB	620
5962-8989101XA	C	12/14/2015	1	PYRAMID		Y	P4C198AL-25LMB	620
5962-8989102LA	C	12/14/2015	1	PYRAMID		Y	P4C198A-25DMB	620
5962-8989102XA	C	12/14/2015	1	PYRAMID		Y	P4C198A-25LMB	620
5962-8989103LA	C	12/14/2015	1	PYRAMID		Y	P4C198AL-20DMB	620
5962-8989103XA	C	12/14/2015	1	PYRAMID		Y	P4C198AL-20LMB	620
5962-8989104LA	C	12/14/2015	1	PYRAMID		Y	P4C198A-20DMB	620
5962-8989104XA	C	12/14/2015	1	PYRAMID		Y	P4C198A-20LMB	620
5962-8989105LA	C	12/14/2015	1	PYRAMID		Y	P4C198AL-15DMB	620
5962-8989105XA	C	12/14/2015	1	PYRAMID		Y	P4C198AL-15LMB	620
5962-8989106LA	C	12/14/2015	1	PYRAMID		Y	P4C198A-15DMB	620
5962-8989106XA	C	12/14/2015	1	PYRAMID		Y	P4C198A-15LMB	620
5962-8989201KA	C	05/23/2016	1	PYRAMID		Y	P4C198L-25FMB	620
5962-8989201LA	C	05/23/2016	1	PYRAMID		Y	P4C198L-25DMB	620
5962-8989201XA	C	05/23/2016	1	PYRAMID		Y	P4C198L-25LMB	620
5962-8989201YA	C	05/23/2016	1	PYRAMID		Y	P4C198L-25L1MB	620
5962-8989202KA	C	05/23/2016	1	PYRAMID		Y	P4C198-25FMB	620
5962-8989202LA	C	05/23/2016	1	PYRAMID		Y	P4C198-25DMB	620
5962-8989202XA	C	05/23/2016	1	PYRAMID		Y	P4C198-25LMB	620
5962-8989202YA	C	05/23/2016	1	PYRAMID		Y	P4C198-25L1MB	620
5962-8989203KA	C	05/23/2016	1	PYRAMID		Y	P4C198L-20FMB	620
5962-8989203LA	C	05/23/2016	1	PYRAMID		Y	P4C198L-20DMB	620

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5962-8989203XA	C	05/23/2016	1	PYRAMID		Y P4C198L-20LMB		620
5962-8989203YA	C	05/23/2016	1	PYRAMID		Y P4C198L-20L1MB		620
5962-8989204KA	C	05/23/2016	1	PYRAMID		Y P4C198-20FMB		620
5962-8989204LA	C	05/23/2016	1	PYRAMID		Y P4C198-20DMB		620
5962-8989204XA	C	05/23/2016	1	PYRAMID		Y P4C198-20LMB		620
5962-8989204YA	C	05/23/2016	1	PYRAMID		Y P4C198-20L1MB		620
5962-8989205KA	C	05/23/2016	1	PYRAMID		Y P4C198L-15FMB		620
5962-8989205LA	C	05/23/2016	1	PYRAMID		Y P4C198L-15DMB		620
5962-8989205XA	C	05/23/2016	1	PYRAMID		Y P4C198L-15LMB		620
5962-8989205YA	C	05/23/2016	1	PYRAMID		Y P4C198L-15L1MB		620
5962-8989206KA	C	05/23/2016	1	PYRAMID		Y P4C198-15FMB		620
5962-8989206LA	C	05/23/2016	1	PYRAMID		Y P4C198-15DMB		620
5962-8989206XA	C	05/23/2016	1	PYRAMID		Y P4C198-15LMB		620
5962-8989206YA	C	05/23/2016	1	PYRAMID		Y P4C198-15L1MB		620
5962-89896012A	C	06/20/2007		(NONE)		OP90A (GEN)		701
5962-8989601PA	C	06/20/2007		(NONE)	04/16/2002	OP90A (GEN)		701
5962-8989701CA	D	08/24/2015	1	MICROSS		Y MTLT1058AQD		713
5962-8989701XA	D	08/24/2015		(NONE)	12/31/2001	LT1058A (GEN)		713
5962-8989702CA	D	08/24/2015	1	MICROSS		Y MTLT1058QD		713
5962-8989702XA	D	08/24/2015		(NONE)	12/31/2001	LT1058 (GEN)		713
5962-89899012A	B	12/04/2008		(NONE)		UC1838A (GEN)		899
5962-8989901EA	B	12/04/2008		(NONE)		UC1838A (GEN)		899
5962-89900013A	A	01/26/2009		(NONE)		AD9000 (GEN)		592
5962-8990001EA	A	01/26/2009		(NONE)		AD9000 (GEN)		592
5962-8990401CA	C	05/23/2011		(NONE)		CMP404A (GEN)		776
5962-8990402CA	C	05/23/2011		(NONE)	04/14/2001	CMP404B (GEN)		776
5962-8990403CA	C	05/23/2011		(NONE)	04/16/2002	CMP04B (GEN)		776
5962-89905012A	J	06/20/2018	1	TI		Y UC1823L/883B		787
5962-8990501EA	J	06/20/2018	1	TI		Y UC1823J/883B		787
5962-89905022A	J	06/20/2018	1	TI		Y UC1823AL/883B		787
5962-8990502EA	J	06/20/2018	1	TI		Y UC1823AJ/883B		787
5962-8990502VEA	J	06/20/2018	1	TI		Y UC1823AJQMLV		787
5962-89905032A	J	06/20/2018		(NONE)	12/31/2001	1823B (GEN)		787
5962-8990503EA	J	06/20/2018		(NONE)	12/31/2001	1823B (GEN)		787
5962-8990801XA	M	03/12/2014	1	DDC		Y SDC-14565-144		594
5962-8990801XC	M	03/12/2014	1	DDC		Y SDC-14565-114		594
5962-8990801YC	M	03/12/2014		(NONE)		SDC-14565-629 (GEN)		594
5962-8990801ZC	M	03/12/2014		(NONE)		SDC-14565-621 (GEN)		594
5962-8990802XA	M	03/12/2014	1	DDC		Y SDC-14565-145		594
5962-8990802XC	M	03/12/2014	1	DDC		Y SDC-14565-115		594
5962-8990802YC	M	03/12/2014		(NONE)		SDC-14565-630 (GEN)		594
5962-8990802ZC	M	03/12/2014		(NONE)		SDC-14565-622 (GEN)		594
5962-8990803XC	M	03/12/2014	1	DDC		Y SDC-14565-616		594
5962-8990803ZC	M	03/12/2014		(NONE)		SDC-14565-616 (GEN)		594
5962-8990804XA	M	03/12/2014	1	DDC		Y SDC-14566-145		594
5962-8990804XC	M	03/12/2014	1	DDC		Y SDC-14566-115		594
5962-8990804YC	M	03/12/2014		(NONE)		SDC-14566-609 (GEN)		594
5962-8990804ZC	M	03/12/2014		(NONE)		SDC-14566-608 (GEN)		594
5962-8990805XC	M	03/12/2014		(NONE)		SDC-14565-618 (GEN)		594

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5962-8990805ZC	M	03/12/2014		(NONE)			SDC-14565-618 (GEN)	594
5962-8990806XC	M	03/12/2014		(NONE)			HRD1066-341H (GEN)	594
5962-8990807XC	M	03/12/2014		(NONE)			HRD1066-341V (GEN)	594
5962-8990808XC	M	03/12/2014		(NONE)			HRD1066-381H (GEN)	594
5962-8990809XC	M	03/12/2014	1	DDC		Y	SDC-14565-602	594
5962-8990809ZC	M	03/12/2014		(NONE)			SDC-14565-602 (GEN)	594
5962-8990810XC	M	03/12/2014	1	DDC		Y	SDC-14565-603	594
5962-8990810ZC	M	03/12/2014		(NONE)			SDC-14565-603 (GEN)	594
5962-8990811XA	M	03/12/2014	1	DDC		Y	SDC-14565-142	594
5962-8990811XC	M	03/12/2014	1	DDC		Y	SDC-14565-112	594
5962-8990812XA	M	03/12/2014	1	DDC		Y	SDC-14566-142	594
5962-8990812XC	M	03/12/2014	1	DDC		Y	SDC-14566-112	594
5962-8990813XA	M	03/12/2014	1	DDC		Y	SDC-14566-144	594
5962-8990813XC	M	03/12/2014	1	DDC		Y	SDC-14566-114	594
5962-8991001XA	D	03/01/2006		(NONE)	09/27/2002		CLC200A (GEN)	702
5962-8991101XA	C	06/06/2000		(NONE)	09/27/2002		CLC220A (GEN)	701
5962-89915012A	D	05/08/2017	1	MICROSEMI (1)		Y	SG7818AL/883B	782
5962-8991501UA	D	05/08/2017	1	MICROSEMI (1)		Y	SG7818AIG/883B	782
5962-8991501XA	D	05/08/2017	1	MICROSEMI (1)		Y	SG7818AT/883B	782
5962-8991501YA	D	05/08/2017	1	MICROSEMI (1)		Y	SG7818AK/883B	782
5962-8991501ZA	D	05/08/2017	1	MICROSEMI (1)		Y	SG7818AR/883B	782
5962-89920012A	D	07/17/2018	1	ROCHESTER		Y	UC1840L/883	787
5962-8992001VA	D	07/17/2018	1	ROCHESTER		Y	UC1840J/883	787
5962-89920022A	D	07/17/2018		(NONE)	12/31/2001		UC1841 (GEN)	787
5962-8992002VA	D	07/17/2018		(NONE)	12/31/2001		UC1841 (GEN)	787
5962-8992101XA	B	09/15/2009		(NONE)	09/02/2003		LM129A (GEN)	785
5962-8992102XA	B	09/15/2009		(NONE)	03/30/2001		LM129B (GEN)	785
5962-8992103XA	B	09/15/2009		(NONE)	03/30/2001		LM129C (GEN)	785
5962-89925012A	C	07/05/2018	1	LANSDALE		Y	SL54LS378/B2A	159
5962-89925012A	C	07/05/2018	1	TI		Y	SNJ54LS378FK	159
5962-89925012C	C	07/05/2018	1	LANSDALE		Y	SL54LS378/B2C	159
5962-8992501EA	C	07/05/2018	1	LANSDALE		Y	SL54LS378/BEA	159
5962-8992501EA	C	07/05/2018	1	TI		Y	SNJ54LS378J	159
5962-8992501FA	C	07/05/2018		(NONE)	11/28/2015		54LS378 (GEN)	159
5962-8992501FA	C	07/05/2018	1	LANSDALE		Y	SL54LS378/BFA	159
5962-8992801XA	B	07/02/2007		(NONE)	02/29/2000		TLC34058-110 (GEN)	591
5962-8992901VXA	C	08/14/2018	3	ANALOG (4)		Y	AD589TH/QMLV	785
5962-8993001MIA	F	08/17/2018	1C	E2V		Y	LM126H/883	784
5962-89932012A	H	06/22/2017	1	ANALOG (2)		Y	DAC08XRC/883C	591
5962R8993201V2A	H	06/22/2017	1	ANALOG (4)		Y	DAC08XRC/QMLR	591
5962R8993201VEA	H	06/22/2017	1	ANALOG (4)		Y	DAC08XQ/QMLR	591
5962R8993201VFA	H	06/22/2017	1	ANALOG (4)		Y	DAC08XF/QMLR	591
5962R8993202V2A	H	06/22/2017	1	ANALOG (4)		Y	DAC08ARC/QMLR	591
5962R8993202VEA	H	06/22/2017	1	ANALOG (4)		Y	DAC08AQ/QMLR	591
5962R8993202VFA	H	06/22/2017	1	ANALOG (4)		Y	DAC08AF/QMLR	591
5962L8993203VFA	H	06/22/2017	1	ANALOG (4)		Y	DAC08AF/QMLL	591
5962-8993301GA	C	08/22/2018	1	MICROSS		Y	MTLT1006QH	701
5962-8993301PA	C	08/22/2018	1	MICROSS		Y	MTLT1006QD8	701
5962-8993302GA	C	08/22/2018	1	MICROSS		Y	MTLT1006AQH	701



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5962-8993302PA	C	08/22/2018	1	MICROSS		Y	MTLT1006AQD8	701
5962-8993501XA	C	05/23/2016	1	PYRAMID		Y	P4C1282-45CMB	623
5962-8993501YA	C	05/23/2016	1	PYRAMID		Y	P4C1282-45LMB	623
5962-8993501ZA	C	05/23/2016		(NONE)	03/05/1996		7C192-45 (GEN)	623
5962-8993502XA	C	05/23/2016	1	PYRAMID		Y	P4C1282-35CMB	623
5962-8993502YA	C	05/23/2016	1	PYRAMID		Y	P4C1282-35LMB	623
5962-8993502ZA	C	05/23/2016		(NONE)			7C192-35 (GEN)	623
5962-8993503XA	C	05/23/2016	1	PYRAMID		Y	P4C1282-25CMB	623
5962-8993503YA	C	05/23/2016	1	PYRAMID		Y	P4C1282-25LMB	623
5962-8993503ZA	C	05/23/2016		(NONE)	03/05/1996		7C192-25 (GEN)	623
5962-8994001HXA	C	04/10/2018		(NONE)			AD346S (GEN)	818
5962-8994002HXA	C	04/10/2018	1	SPECTRUM (2)		Y	MN346MXA	818
5962-8994002HXC	C	04/10/2018	1	SPECTRUM (2)		Y	MN346MXC	818
5962-8994201QA	C	12/18/2017		(NONE)			72103L120 (GEN)	670
5962-8994201XA	C	12/18/2017		(NONE)			72103L120 (GEN)	670
5962-8994202QA	C	12/18/2017		(NONE)			72103L80 (GEN)	670
5962-8994202XA	C	12/18/2017		(NONE)			72103L80 (GEN)	670
5962-8994203QA	C	12/18/2017		(NONE)			72103L65 (GEN)	670
5962-8994203XA	C	12/18/2017		(NONE)			72103L65 (GEN)	670
5962-8994204QA	C	12/18/2017		(NONE)	11/27/1996		72103L50 (GEN)	670
5962-8994204XA	C	12/18/2017		(NONE)			72103L50 (GEN)	670
5962-8994205QA	C	12/18/2017		(NONE)	11/27/1996		72103L40 (GEN)	670
5962-8994205XA	C	12/18/2017		(NONE)			72103L40 (GEN)	670
5962-8994301QA	C	01/10/2018		(NONE)			72104L120 (GEN)	670
5962-8994301XA	C	01/10/2018		(NONE)			72104L120 (GEN)	670
5962-8994302QA	C	01/10/2018		(NONE)			72104L80 (GEN)	670
5962-8994302XA	C	01/10/2018		(NONE)			72104L80 (GEN)	670
5962-8994303QA	C	01/10/2018		(NONE)			72104L65 (GEN)	670
5962-8994303XA	C	01/10/2018		(NONE)			72104L65 (GEN)	670
5962-8994304QA	C	01/10/2018		(NONE)	11/27/1996		72104L50 (GEN)	670
5962-8994304XA	C	01/10/2018		(NONE)			72104L50 (GEN)	670
5962-8994305QA	C	01/10/2018		(NONE)	11/27/1996		72104L40 (GEN)	670
5962-89944012A	C	09/01/2016	1	ROCHESTER			54LS248/B2A	291
5962-8994401EA	C	09/01/2016	1	ROCHESTER			54LS248/BEA	291
5962-89945013A	C	08/08/2016	2	TI		Y	SNJ54ALS996FK	341
5962-8994501KA	C	08/08/2016		(NONE)	11/28/2015		54ALS996 (GEN)	341
5962-8994501LA	C	08/08/2016	2	TI		Y	SNJ54ALS996JT	341
5962-89946012A	B	05/17/2012		(NONE)	05/31/1994		54HC190 (GEN)	301
5962-8994601EA	B	05/17/2012	1	TI		Y	CD54HC190F3A	301
5962-8994701MEA	B	09/19/2011	1	TI		Y	CD54HCT4040F3A	305
5962-8994801Q9A	H	10/20/2016		(NONE)			3020-50 (GEN)	431
5962-8994801MMC	H	10/20/2016		(NONE)	01/15/2000		3020-50 (GEN)	431
5962-8994801MNC	H	10/20/2016		(NONE)	01/15/2000		3020-50 (GEN)	431
5962-8994801MTC	H	10/20/2016		(NONE)	01/15/2000		3020-50 (GEN)	431
5962-8994801QUA	H	10/20/2016		(NONE)			3020-50 (GEN)	431
5962-8994801MXC	H	10/20/2016		(NONE)	01/15/2000		3020-50 (GEN)	431
5962-8994801XC	H	10/20/2016		(NONE)	01/15/2000		3020-50 (GEN)	431
5962-8994801MYC	H	10/20/2016		(NONE)	01/15/2000		3020-50 (GEN)	431
5962-8994801YC	H	10/20/2016		(NONE)	01/15/2000		3020-50 (GEN)	431

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5962-8994801MZA	H	10/20/2016		(NONE)			3020-50 (GEN)	431
5962-8994801QZA	H	10/20/2016		(NONE)			3020-50 (GEN)	431
5962-8994802Q9A	H	10/20/2016		(NONE)			3020-70 (GEN)	431
5962-8994802MMC	H	10/20/2016		(NONE)	01/15/2000		3020-70 (GEN)	431
5962-8994802MNC	H	10/20/2016		(NONE)	01/15/2000		3020-70 (GEN)	431
5962-8994802MTC	H	10/20/2016		(NONE)	01/15/2000		3020-70 (GEN)	431
5962-8994802QUA	H	10/20/2016		(NONE)			3020-70 (GEN)	431
5962-8994802MXC	H	10/20/2016		(NONE)	01/15/2000		3020-70 (GEN)	431
5962-8994802XC	H	10/20/2016		(NONE)	01/15/2000		3020-70 (GEN)	431
5962-8994802MYC	H	10/20/2016		(NONE)	01/15/2000		3020-70 (GEN)	431
5962-8994802YC	H	10/20/2016		(NONE)	01/15/2000		3020-70 (GEN)	431
5962-8994802MZA	H	10/20/2016		(NONE)			3020-70 (GEN)	431
5962-8994802QZA	H	10/20/2016		(NONE)			3020-70 (GEN)	431
5962-8994803Q9A	H	10/20/2016		(NONE)			3020-100 (GEN)	431
5962-8994803MMC	H	10/20/2016		(NONE)	12/31/2012		3020-100 (GEN)	431
5962-8994803MNC	H	10/20/2016		(NONE)	12/31/2012		3020-100 (GEN)	431
5962-8994803MTC	H	10/20/2016		(NONE)			3020-100 (GEN)	431
5962-8994803QUA	H	10/20/2016		(NONE)			3020-100 (GEN)	431
5962-8994803MXC	H	10/20/2016		(NONE)	12/31/2012		3020-100 (GEN)	431
5962-8994803MYC	H	10/20/2016		(NONE)			3020-100 (GEN)	431
5962-8994803QZA	H	10/20/2016		(NONE)			3020-100 (GEN)	431
5962-8994804Q9A	H	10/20/2016		(NONE)			3020-125 (GEN)	431
5962-8994804QUA	H	10/20/2016		(NONE)			3020-125 (GEN)	431
5962-8994804QZA	H	10/20/2016		(NONE)			3020-125 (GEN)	431
5962-8995001B2A	C	02/29/2016	3	E2V		Y	JM54ACT112B2A	156
5962-8995001B2A	C	02/29/2016	1C	E2V		Y	EV54ACT112B2A	156
5962-8995001M2A	C	02/29/2016	3	E2V		Y	54ACT112LMQB	156
5962-8995001M2A	C	02/29/2016	1C	E2V		Y	EV54ACT112LMQB	156
5962-8995001S2A	C	02/29/2016		(NONE)	12/06/2005		54ACT112 (GEN)	156
5962-8995001BEA	C	02/29/2016	3	E2V		Y	JM54ACT112BEA	156
5962-8995001BEA	C	02/29/2016	1C	E2V		Y	EV54ACT112BEA	156
5962-8995001MEA	C	02/29/2016	3	E2V		Y	54ACT112DMQB	156
5962-8995001MEA	C	02/29/2016	1C	E2V		Y	EV54ACT112DMQB	156
5962-8995001SEA	C	02/29/2016		(NONE)	12/06/2005		54ACT112 (GEN)	156
5962-8995001BFA	C	02/29/2016	3	E2V		Y	JM54ACT112BFA	156
5962-8995001BFA	C	02/29/2016	1C	E2V		Y	EV54ACT112BFA	156
5962-8995001MFA	C	02/29/2016	3	E2V		Y	54ACT112FMQB	156
5962-8995001MFA	C	02/29/2016	1C	E2V		Y	EV54ACT112FMQB	156
5962-8995001SFA	C	02/29/2016		(NONE)	12/06/2005		54ACT112 (GEN)	156
5962-8995101VA	B	01/19/2018		(NONE)				608
5962-8995102VA	B	01/19/2018		(NONE)				608
5962-8995103VA	B	01/19/2018		(NONE)				608
5962-8995301EA	B	04/25/2013	1	TI		Y	CD54HC4015F3A	226
5962-8995401EA	B	03/25/2013	1	TI		Y	CD54HC4520F3A	319
5962-89956013A	D	06/24/2016		(NONE)	11/28/2015		54ALS646 (GEN)	590
5962-8995601KA	D	06/24/2016	3	TI		Y	SNJ54ALS646W	590
5962-8995601LA	D	06/24/2016	3	TI		Y	SNJ54ALS646JT	590
5962-89957012A	E	05/10/2016	1	TI		Y	UC1637L/883	899
5962-8995701VSA	E	05/10/2016	1C	TI		Y	UC1637W-SP	899

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5962-8995701VA	E	05/10/2016	1	TI		Y	UC1637J/883	899
5962-8995901XA	D	06/24/2009		(NONE)	04/01/2000		L4C381-45 (GEN)	205
5962-8995901YA	D	06/24/2009		(NONE)			L4C381-45 (GEN)	205
5962-8995901ZC	D	06/24/2009		(NONE)			L4C381-45 (GEN)	205
5962-8995902YA	D	06/24/2009		(NONE)			L4C381-30 (GEN)	205
5962-8995902ZA	D	06/24/2009		(NONE)			L4C381-30 (GEN)	205
5962-8995903YA	D	06/24/2009		(NONE)	04/01/2000		L4C381-25 (GEN)	205
5962-8995903ZA	D	06/24/2009		(NONE)	04/01/2000		L4C381-25 (GEN)	205
5962-89961012A	C	08/11/2015		(NONE)	01/06/2017		DG405 (GEN)	188
5962-8996101EA	C	08/11/2015		(NONE)	01/06/2017		DG405 (GEN)	188
5962-8996101EA	C	08/11/2015	1	MAXIM INTEG.			DG405AK/883B	188
5962-8996701M3A	B	08/24/2015	3	E2V		Y	CY7C265-60LMB	660
5962-8996701MXA	B	08/24/2015	3	E2V		Y	CY7C265-60DMB	660
5962-8996701MYA	B	08/24/2015	3	E2V		Y	CY7C265-60KMB	660
5962-8996702M3A	B	08/24/2015	3	E2V		Y	CY7C265-50LMB	660
5962-8996702MXA	B	08/24/2015	3	E2V		Y	CY7C265-50DMB	660
5962-8996702MYA	B	08/24/2015	3	E2V		Y	CY7C265-50KMB	660
5962-8996703M3A	B	08/24/2015	3	E2V		Y	CY7C265-25LMB	660
5962-8996703MXA	B	08/24/2015	3	E2V		Y	CY7C265-25DMB	660
5962-8996703MYA	B	08/24/2015	3	E2V		Y	CY7C265-25KMB	660
5962-8996704M3A	B	08/24/2015	3	E2V		Y	CY7C265-18LMB	660
5962-8996704MXA	B	08/24/2015	3	E2V		Y	CY7C265-18DMB	660
5962-8996704MYA	B	08/24/2015	3	E2V		Y	CY7C265-18KMB	660
5962-89969012A	B	10/15/2008		(NONE)	09/30/1995		35074 (GEN)	713
5962-8996901CA	B	10/15/2008		(NONE)	09/30/1995		35074 (GEN)	713
5962-89969022A	B	10/15/2008		(NONE)	09/30/1995		35074A (GEN)	713
5962-8996902CA	B	10/15/2008		(NONE)	09/30/1995		35074A (GEN)	713
5962-89970012A	H	08/23/2018	1	ROCHESTER		Y	CLC400A/B2A	755
5962-8997001PA	H	08/23/2018	1	ROCHESTER		Y	CLC400A/BPA	755
5962-8997101MQA		05/22/1992		(NONE)	10/15/1995		8744H10 (GEN)	599
5962-8997201HXA	D	06/16/2009		(NONE)			MSK-1902B-0 (GEN)	760
5962-8997201HXC	D	06/16/2009		(NONE)			MSK-1902B-0 (GEN)	760
5962-8997202HXA	D	06/16/2009		(NONE)			MSK-1902B-2 (GEN)	760
5962-8997202HXC	D	06/16/2009		(NONE)			MSK-1902B-2 (GEN)	760
5962-89973012A	J	11/23/2015	1	ROCHESTER		Y	CLC401A/B2A	755
5962-8997301PA	J	11/23/2015	1	ROCHESTER		Y	CLC401A/BPA	755
5962-8997302PA	J	11/23/2015		(NONE)			EL2171 (GEN)	755
5962-89974012A	D	06/12/2007		(NONE)	06/03/2003		CLC501 (GEN)	702
5962-8997401PA	D	06/12/2007		(NONE)	06/03/2003		CLC501 (GEN)	702
5962-8997501PA	E	11/25/2015	1	ROCHESTER		Y	CLC110ABPA	755
5962-8997502PA	E	11/25/2015		(NONE)	09/30/1993		EL2072 (GEN)	755
5962-8997601GA	B	12/11/2006		(NONE)	03/30/2001		LT1055A (GEN)	703
5962-8997602GA	B	12/11/2006		(NONE)	03/30/2001		LT1056A (GEN)	703
5962-8997603GA	B	12/11/2006		(NONE)	03/30/2001		LT1055 (GEN)	703
5962-8997604GA	B	12/11/2006		(NONE)	03/30/2001		LT1056 (GEN)	703
5962-8997901XA	B	09/06/2006		(NONE)	09/01/2000		SP1078B (GEN)	592
5962-8998101MA	H	01/09/2017	1	MICROSS		Y	MTLT1086QU	780
5962-8998101TA	H	01/09/2017		(NONE)			OM1860 (GEN)	780
5962-8998101UA	H	01/09/2017	1	MICROSS		Y	MTLT1086QP	780

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5962-8998101XA	H	01/09/2017	1	MICROSS		Y	MTLT1086QK	780
5962-8998101YA	H	01/09/2017	1	MICROSS		Y	MTLT1086QH	780
5962-8998101ZA	H	01/09/2017	1	MICROSS		Y	MTLT1086QZ	780
5962R8998102V9A	H	01/09/2017	1C	LINEAR TECH.		Y	RH1086BHK	789
5962R8998102VYA	H	01/09/2017	1C	LINEAR TECH.		Y	RH1086MH	789
5962R8998103V9A	H	01/09/2017	1C	LINEAR TECH.		Y	RH1086BKK	789
5962R8998103VXA	H	01/09/2017		(NONE)			RH1086 (GEN)	789
5962-8998201YA	B	06/14/2004		(NONE)			80C196KB (GEN)	420
5962-8998201ZA	B	06/14/2004		(NONE)			80C196KB (GEN)	420
5962-8998202YA	B	06/14/2004		(NONE)			80C196KB-12 (GEN)	420
5962-8998202ZA	B	06/14/2004		(NONE)			80C196KB-12 (GEN)	420
5962-8998601HXA	D	12/06/2011	1	DDC		Y	DSC-11520-142	594
5962-8998601HXC	D	12/06/2011	1	DDC		Y	DSC-11520-112	594
5962-8998602HXA	D	12/06/2011	1	DDC		Y	DSC-11520-143	594
5962-8998602HXC	D	12/06/2011	1	DDC		Y	DSC-11520-113	594
5962-8998603HXA	D	12/06/2011	1	DDC		Y	DSC-11520-144	594
5962-8998603HXC	D	12/06/2011	1	DDC		Y	DSC-11520-114	594
5962-8998604HXA	D	12/06/2011	1	DDC		Y	DSC-11520-145	594
5962-8998604HXC	D	12/06/2011	1	DDC		Y	DSC-11520-115	594
5962-89989012A		07/31/1990		(NONE)			54HC623 (GEN)	590
5962-8998901RA		07/31/1990		(NONE)			54HC623 (GEN)	590
5962-8999001EA	C	08/29/2017	1	TI		Y	CD54HC297F3A	805
5962-9049701HXA	C	07/15/2014	1	SPECTRUM (2)		Y	MN5140MXA	592
5962-9049701HXC	C	07/15/2014	1	SPECTRUM (2)		Y	MN5140MXC	592
5962-9049702HXA	C	07/15/2014	1	SPECTRUM (2)		Y	MN5141MXA	592
5962-9049702HXC	C	07/15/2014	1	SPECTRUM (2)		Y	MN5141MXC	592
5962-9049703HXA	C	07/15/2014	1	SPECTRUM (2)		Y	MN5142MXA	592
5962-9049703HXC	C	07/15/2014	1	SPECTRUM (2)		Y	MN5142MXC	592
5962-9049704HXA	C	07/15/2014	1	SPECTRUM (2)		Y	MN5143MXA	592
5962-9049704HXC	C	07/15/2014	1	SPECTRUM (2)		Y	MN5143MXC	592
5962-9050001HXC	C	10/20/2014	1	ANAREN		Y	MSK1461B	739
5962-9050101Q2A	B	03/25/2013	2	TI		Y	SNJ54HC166FK	228
5962-9050101QEA	B	03/25/2013	2	TI		Y	CD54HC166F3A	228
5962-9050101QEA	B	03/25/2013	2	TI		Y	SNJ54HC166J	228
5962-9050101VEA	B	03/25/2013	2	TI		Y	SNV54HC166J	228
5962-90502013A	A	02/18/2010		(NONE)	09/01/1997		54F198 (GEN)	228
5962-9050201KA	A	02/18/2010		(NONE)	09/01/1997		54F198 (GEN)	228
5962-9050201LA	A	02/18/2010		(NONE)	09/01/1997		54F198 (GEN)	228
5962-90503012A	D	06/17/2016	1	TI		Y	SNJ54LS396FK	226
5962-9050301EA	D	06/17/2016		(NONE)	07/15/2005		54LS396 (GEN)	226
5962-9050401MXC	C	05/19/1997		(NONE)			L64230-12 (GEN)	399
5962-9050401MYA	C	05/19/1997		(NONE)	04/01/2000		L64230-75 (GEN)	399
5962-9050402MXC	C	05/19/1997		(NONE)			L64230-16 (GEN)	399
5962-9050402MYA	C	05/19/1997		(NONE)	04/01/2000		L64230-60 (GEN)	399
5962-9050501MEA	C	06/28/2017	1	TI		Y	CD54HCT153F3A	273
5962-90506012A	C	07/23/2018		(NONE)	12/31/2001		54F623 (GEN)	590
5962-9050601RA	C	07/23/2018		(NONE)	12/31/2001		54F623 (GEN)	590
5962-9050601SA	C	07/23/2018		TI		Y	SNJ54F623W	590
5962-90506022A	C	07/23/2018		(NONE)	06/01/2001		54F621 (GEN)	590

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5962-9050602RA	C	07/23/2018		(NONE)	06/01/2001		54F621 (GEN)	590
5962-9050602SA	C	07/23/2018		(NONE)	06/01/2001		54F621 (GEN)	590
5962-9050701XA	A	07/18/2000		(NONE)	03/30/2001		LM134 (GEN)	899
5962-9050702XA	A	07/18/2000		(NONE)	03/30/2001		LM134-3 (GEN)	899
5962-9050703XA	A	07/18/2000		(NONE)	03/30/2001		LM134-6 (GEN)	899
5962-9050801M3A	D	05/03/2004		(NONE)			AD9002S (GEN)	592
5962-9050801MXA	D	05/03/2004		(NONE)			AD9002S (GEN)	592
5962-9050802M3A	D	05/03/2004		(NONE)			AD9002T (GEN)	592
5962-9050802MXA	D	05/03/2004		(NONE)			AD9002T (GEN)	592
5962-90509012A	A	08/16/2011		(NONE)	09/30/1993		EL2002A (GEN)	899
5962-9050901PA	A	08/16/2011		(NONE)	09/30/1993		EL2002A (GEN)	899
5962-90509022A	A	08/16/2011		(NONE)	09/30/1993		EL2002 (GEN)	899
5962-9050902PA	A	08/16/2011		(NONE)	09/30/1993		EL2002 (GEN)	899
5962-9051001XA	A	11/01/2006		(NONE)	09/30/1995		68HC11A0 (GEN)	420
5962-9051001YC	A	11/01/2006		(NONE)	09/30/1995		68HC11A0 (GEN)	420
5962-9051002XA	A	11/01/2006		(NONE)			68HC11A1 (GEN)	420
5962-9051002YA	A	11/01/2006		(NONE)			68HC11A1 (GEN)	420
5962-9051201MQA		12/07/1992		(NONE)	06/15/1996		8748H (GEN)	410
5962-90513013A		04/27/1990		(NONE)			29833A (GEN)	590
5962-9051301KA		04/27/1990		(NONE)			29833A (GEN)	590
5962-9051301LA		04/27/1990		(NONE)			29833A (GEN)	590
5962-90513023A		04/27/1990		(NONE)			29853A (GEN)	590
5962-9051302KA		04/27/1990		(NONE)			29853A (GEN)	590
5962-9051302LA		04/27/1990		(NONE)			29853A (GEN)	590
5962-90513033A		04/27/1990		(NONE)			29855A (GEN)	590
5962-9051303KA		04/27/1990		(NONE)			29855A (GEN)	590
5962-9051303LA		04/27/1990		(NONE)			29855A (GEN)	590
5962-9051401M2A	B	03/26/2012	3	TI		Y	SNJ54BCT245FK	590
5962-9051401MRA	B	03/26/2012	3	TI		Y	SNJ54BCT245J	590
5962-9051401MSA	B	03/26/2012	3	TI		Y	SNJ54BCT245W	590
5962-90515013A	D	09/12/2014		(NONE)			29C818 (GEN)	249
5962-9051501LA	D	09/12/2014		(NONE)			29C818-30 (GEN)	249
5962-9051501XA	D	09/12/2014		(NONE)			29C818-30 (GEN)	249
5962-9051601M2A	C	02/21/2013	3	TI		Y	SNJ54BCT374FK	159
5962-9051601MRA	C	02/21/2013	3	TI		Y	SNJ54BCT374J	159
5962-9051601MSA	C	02/21/2013	3	TI		Y	SNJ54BCT374W	159
5962-9051801MEA	B	11/05/2014		(NONE)	12/10/2015		HD-4702 (GEN)	399
5962-9051901XA	C	04/07/2016		(NONE)			LT1029A (GEN)	785
5962-9051902XA	C	04/07/2016	1	MICROSS		Y	MTLT1029QH	785
5962-9052001XA	A	01/06/2011		(NONE)	06/30/1996		SL560AC (GEN)	760
5962-9052101XA	A	08/03/2011		(NONE)	06/30/1996		SL532AC (GEN)	755
5962-9052201GA	C	01/09/2015	1	E2V		Y	QP1632/GA	581
5962-9052201GA	C	01/09/2015	1B	ROCHESTER		Y	DS1632H/883	581
5962-9052201GC	C	01/09/2015	1	E2V		Y	QP1632/GC	581
5962-9052201PA	C	01/09/2015	1	E2V		Y	QP1632/PA	581
5962-9052201PA	C	01/09/2015	1B	ROCHESTER		Y	DS1632J-8/883	581
5962-9052201PA	C	01/09/2015	3	SRI		Y	GEM34301QPA	581
5962-9052201PC	C	01/09/2015	3	SRI		Y	GEM34301QPC	581
5962-9052201XA	C	01/09/2015	1	E2V		Y	QP1632/XA	581



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5962-9052201XA	C	01/09/2015	3	SRI		Y GEM34301QXA		581
5962-9052201XC	C	01/09/2015	1	E2V		Y QP1632/XC		581
5962-9052201XC	C	01/09/2015	3	SRI		Y GEM34301QXC		581
5962-90523013A	D	10/21/2016	2	TI		Y SNJ54ALS648FK		590
5962-9052301KA	D	10/21/2016	2	TI		Y SNJ54ALS648W		590
5962-9052301LA	D	10/21/2016	2	TI		Y SNJ54ALS648JT		590
5962-9052401MEA	B	01/19/2012	1	TI		Y CD54HCT251F3A		272
5962-9052501MQA	D	06/27/2016	1	RENESAS		Y HD1-6402R		590
5962-9052502MQA	D	06/27/2016	1	RENESAS		Y HD1-6402B		590
5962-9052601MUA	P	07/17/2018		(NONE)		320C30 (GEN)		432
5962-9052601MXA	P	07/17/2018		(NONE)		320C30 (GEN)		432
5962-9052601MYA	P	07/17/2018		(NONE)		320C30 (GEN)		432
5962-9052601MZA	P	07/17/2018		(NONE)		320C30 (GEN)		432
5962-9052602MUA	P	07/17/2018		(NONE)		320C30 (GEN)		432
5962-9052602MXA	P	07/17/2018		(NONE)		320C30 (GEN)		432
5962-9052602MYA	P	07/17/2018		(NONE)		320C30 (GEN)		432
5962-9052602MZA	P	07/17/2018		(NONE)		320C30 (GEN)		432
5962-9052603QMC	P	07/17/2018		(NONE)	05/01/1998	320C30 (GEN)		432
5962-9052603QTC	P	07/17/2018		(NONE)	05/01/1998	320C30 (GEN)		432
5962-9052603MUA	P	07/17/2018		(NONE)	05/01/1998	320C30 (GEN)		432
5962-9052603MXA	P	07/17/2018		(NONE)	05/01/1998	320C30 (GEN)		432
5962-9052604Q9A	P	07/17/2018		(NONE)	04/30/2001	320C30 (GEN)		432
5962-9052604Q9B	P	07/17/2018		(NONE)	04/30/2001	320C30 (GEN)		432
5962-9052604MUA	P	07/17/2018		(NONE)	10/12/2017	320C30 (GEN)		432
5962-9052604MXA	P	07/17/2018		(NONE)	10/12/2017	320C30 (GEN)		432
5962-9052605Q9A	P	07/17/2018		(NONE)		320C30 (GEN)		432
5962-9052605Q9B	P	07/17/2018		(NONE)		320C30 (GEN)		432
5962-9052605MUA	P	07/17/2018		(NONE)	10/12/2017	320C30 (GEN)		432
5962-9052605MXA	P	07/17/2018		(NONE)	07/10/2018	320C30 (GEN)		432
5962-9052605QXC	P	07/17/2018		(NONE)	07/10/2018	320C30 (GEN)		432
5962-9052701M3A	A	01/26/2006		(NONE)		7968-125V (GEN)		599
5962-9052701MXA	A	01/26/2006		(NONE)	08/02/1996	7968-125V (GEN)		599
5962-9052701QXA	A	01/26/2006		(NONE)		7968-125V (GEN)		599
5962-9052801M3A	C	01/26/2006		(NONE)		7969-125V (GEN)		590
5962-9052801Q7A	C	01/26/2006		(NONE)		7969-125V (GEN)		590
5962-9052801MXA	C	01/26/2006		(NONE)	08/02/1996	7969-125V (GEN)		590
5962-9052801QXA	C	01/26/2006		(NONE)		7969-125V (GEN)		590
5962-90535012A	A	10/27/2000		(NONE)		OP64A (GEN)		702
5962-9053501GA	A	10/27/2000		(NONE)		OP64A (GEN)		702
5962-9053501PA	A	10/27/2000		(NONE)		OP64A (GEN)		702
5962-90536012A	B	06/14/2007		(NONE)	10/15/2003	OP260A (GEN)		710
5962-9053601GA	B	06/14/2007		(NONE)	10/15/2003	OP260A (GEN)		710
5962-9053601PA	B	06/14/2007		(NONE)	10/15/2003	OP260A (GEN)		710
5962-9053701VCA	E	08/09/2016	1	ANALOG (4)		Y AD534TD/QMLV		899
5962-9053701VIA	E	08/09/2016	1	ANALOG (4)		Y AD534TH/QMLV		899
5962-90538012A	E	09/02/2015	1	TI		Y UC1611L/883B		791
5962-9053801V2A	E	09/02/2015	1	TI		Y UC1611LQMLV		791
5962-9053801PA	E	09/02/2015	1	TI		Y UC1611J/883B		791
5962-9053801VPA	E	09/02/2015	1	TI		Y UC1611JQMLV		791



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5962-90541012A	C	07/23/2018	1	ROCHESTER		Y 54LS183/B2A		204
5962-9054101CA	C	07/23/2018	1	ROCHESTER		Y 54LS183/BCA		204
5962-9054101DA	C	07/23/2018	1	ROCHESTER		Y 54LS183/BDA		204
5962-9054301MQA	D	09/07/2006		(NONE)	03/25/2001	82C37A-5 (GEN)		423
5962-9054301MXA	D	09/07/2006		(NONE)		82C37A-5 (GEN)		423
5962-9054302MQA	D	09/07/2006	1	RENESAS		Y MD82C37A		423
5962-9054302MXA	D	09/07/2006		(NONE)	03/25/2001	82C37A (GEN)		423
5962-9054303MQA	D	09/07/2006		(NONE)	03/25/2001	82C37A-12 (GEN)		423
5962-9054303MXA	D	09/07/2006		(NONE)		82C37A-12 (GEN)		423
5962-9054304MQA	D	09/07/2006		(NONE)		82C237 (GEN)		423
5962-9054304MXA	D	09/07/2006		(NONE)		82C237 (GEN)		423
5962-9054305MQA	D	09/07/2006		(NONE)		82C237-12 (GEN)		423
5962-9054305MXA	D	09/07/2006		(NONE)	03/25/2001	82C237-12 (GEN)		423
5962-9054401MXA	A	10/07/2003		(NONE)		HPC16003 (GEN)		420
5962-9054401MYC	A	10/07/2003		(NONE)		HPC16003 (GEN)		420
5962-9054402MXA	A	10/07/2003		(NONE)		HPC16083 (GEN)		420
5962-9054402MYC	A	10/07/2003		(NONE)		HPC16083 (GEN)		420
5962-9054501RA	A	02/05/2009		(NONE)	03/30/2001	LTC1045MJ/883		599
5962-9054801MQA	A	02/10/1995		(NONE)		L5380 (GEN)		420
5962-9054801MXA	A	02/10/1995		(NONE)		L5380 (GEN)		420
5962-9054802MXA	A	02/10/1995		(NONE)		L53C80 (GEN)		420
5962-9054802MYA	A	02/10/1995		(NONE)		L53C80 (GEN)		420
5962-9054901MQA	C	07/17/2008		(NONE)	12/10/2015	HD-15531 (GEN)		441
5962-9054902MQA	C	07/17/2008		(NONE)		HD-15531B (GEN)		441
5962-9055101XA	G	03/12/2014	1	DDC		Y SDC-14567-141		594
5962-9055101XC	G	03/12/2014	1	DDC		Y SDC-14567-111		594
5962-9055101YA	G	03/12/2014		(NONE)		SDC-14567 (GEN)		594
5962-9055102XA	G	03/12/2014	1	DDC		Y SDC-14567-142		594
5962-9055102XC	G	03/12/2014	1	DDC		Y SDC-14567-112		594
5962-9055102YA	G	03/12/2014		(NONE)		SDC-14567 (GEN)		594
5962-9055103XA	G	03/12/2014	1	DDC		Y SDC-14567-144		594
5962-9055103XC	G	03/12/2014	1	DDC		Y SDC-14567-114		594
5962-9055103YA	G	03/12/2014		(NONE)		SDC-14567 (GEN)		594
5962-9055104XA	G	03/12/2014	1	DDC		Y SDC-14567-145		594
5962-9055104XC	G	03/12/2014	1	DDC		Y SDC-14567-115		594
5962-9055104YA	G	03/12/2014		(NONE)		SDC-14567 (GEN)		594
5962-9055105XA	G	03/12/2014	1	DDC		Y SDC-14569-141		594
5962-9055105XC	G	03/12/2014	1	DDC		Y SDC-14569-111		594
5962-9055105YA	G	03/12/2014		(NONE)		SDC-14569 (GEN)		594
5962-9055106XA	G	03/12/2014	1	DDC		Y SDC-14569-142		594
5962-9055106XC	G	03/12/2014	1	DDC		Y SDC-14569-112		594
5962-9055106YA	G	03/12/2014		(NONE)		SDC-14569 (GEN)		594
5962-9055107XA	G	03/12/2014	1	DDC		Y SDC-14569-144		594
5962-9055107XC	G	03/12/2014	1	DDC		Y SDC-14569-114		594
5962-9055107YA	G	03/12/2014		(NONE)		SDC-14569 (GEN)		594
5962-9055108XA	G	03/12/2014	1	DDC		Y SDC-14569-145		594
5962-9055108XC	G	03/12/2014	1	DDC		Y SDC-14569-115		594
5962-9055108YA	G	03/12/2014		(NONE)		SDC-14569 (GEN)		594
5962-9055301EA	C	03/18/2017	1	TI		Y CD54HC40103F3A		304

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5962-9055401XA	D	02/13/2006		(NONE)			HSDC-8915A (GEN)	711
5962-9055401YA	D	02/13/2006		(NONE)			XDC14507-628 (GEN)	711
5962-9055402XA	D	02/13/2006		(NONE)			HSDC-8915 (GEN)	711
5962-9055402YA	D	02/13/2006		(NONE)			XDC14507-627 (GEN)	711
5962-90555013A	C	12/17/2014	2	E2V		Y	PLDC20RA10-35LMB	431
5962-9055501KA	C	12/17/2014	2	E2V		Y	PLDC20RA10-35KMB	431
5962-9055501LA	C	12/17/2014	2	E2V		Y	PLDC20RA10-35DMB	431
5962-9055501XA	C	12/17/2014		(NONE)			CG1690BA (GEN)	431
5962-90555023A	C	12/17/2014	2	E2V		Y	PLDC20RA10-25LMB	431
5962-9055502KA	C	12/17/2014	2	E2V		Y	PLDC20RA10-25KMB	431
5962-9055502LA	C	12/17/2014	2	E2V		Y	PLDC20RA10-25DMB	431
5962-9055502XA	C	12/17/2014		(NONE)			CG1690AA (GEN)	431
5962-90555033A	C	12/17/2014	2	E2V		Y	PLDC20RA10-20LMB	431
5962-9055503KA	C	12/17/2014	2	E2V		Y	PLDC20RA10-20KMB	431
5962-9055503LA	C	12/17/2014	2	E2V		Y	PLDC20RA10-20DMB	431
5962-9055503XA	C	12/17/2014		(NONE)			CG1690CA (GEN)	431
5962-9055701EA	D	05/25/2016	1	TI		Y	CD14538BF3A	166
5962-9055702EA	D	05/25/2016		(NONE)	09/30/1995		14538B (GEN)	166
5962-9056101M2A	B	12/02/2009		(NONE)	09/30/1995		10565 (GEN)	345
5962-9056101MEA	B	12/02/2009		(NONE)	09/30/1995		10565 (GEN)	345
5962-9056101MFA	B	12/02/2009		(NONE)	09/30/1995		10565 (GEN)	345
5962-90562013A	C	07/23/2018		TI			SNJ54AS250AFK	270
5962-9056201KA	C	07/23/2018		TI			SNJ54AS250AW	270
5962-9056201LA	C	07/23/2018		TI			SNJ54AS250AJT	270
5962-90563012A	C	04/07/2014	3	TI			SNJ54AS756FK	519
5962-9056301RA	C	04/07/2014	3	TI			SNJ54AS756J	519
5962-9056301SA	C	04/07/2014	3	TI			SNJ54AS756W	519
5962-9056401MA	F	06/09/2015	3	E2V		Y	87C51RB/BMA	420
5962-9056401TA	F	06/09/2015		(NONE)	04/15/1996		87C51-12 (GEN)	420
5962-9056401UA	F	06/09/2015		(NONE)	12/24/1997		87C51-12 (GEN)	420
5962-9056401XA	F	06/09/2015	3	E2V		Y	87C51RB/BQA	420
5962-9056401ZA	F	06/09/2015		(NONE)	04/15/1996		87C51-12 (GEN)	420
5962-9056402MA	F	06/09/2015	3	E2V		Y	87C51RB-16/BMA	420
5962-9056402TA	F	06/09/2015		(NONE)	04/15/1996		87C51-16 (GEN)	420
5962-9056402UA	F	06/09/2015		(NONE)	12/24/1997		87C51-16 (GEN)	420
5962-9056402XA	F	06/09/2015	3	E2V		Y	87C51RB-16/BQA	420
5962-9056402ZA	F	06/09/2015		(NONE)	04/15/1996		87C51-16 (GEN)	420
5962-9056403MA	F	06/09/2015		(NONE)			87C654 (GEN)	420
5962-9056403XA	F	06/09/2015		(NONE)			87C654 (GEN)	420
5962-9056404MA	F	06/09/2015		(NONE)			87C654-16 (GEN)	420
5962-9056404XA	F	06/09/2015		(NONE)			87C654-16 (GEN)	420
5962-9056405MA	F	06/09/2015		(NONE)			87C654OT (GEN)	420
5962-9056405XA	F	06/09/2015		(NONE)			87C654OT (GEN)	420
5962-9056406MA	F	06/09/2015		(NONE)	09/01/1997		87C654-16 (GEN)	420
5962-9056406XA	F	06/09/2015		(NONE)	09/01/1997		87C654-16 (GEN)	420
5962-90565012A	B	11/05/2007		(NONE)			54F3037 (GEN)	500
5962-9056501EA	B	11/05/2007		(NONE)	09/01/1997		54F3037 (GEN)	500
5962-9056501FA	B	11/05/2007		(NONE)			54F3037 (GEN)	500
5962-9056701MPA	A	04/22/2010		(NONE)	12/31/2000		SP8804 (GEN)	219

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5962-9056801CA	C	06/16/2011		(NONE)	03/30/2001		OP-237A (GEN)	710
5962-9056802CA	C	06/16/2011		(NONE)	03/30/2001		OP-237C (GEN)	710
5962-90569012A	A	07/05/2001		(NONE)	08/30/2006		DG401A (GEN)	181
5962-9056901EA	A	07/05/2001		(NONE)	08/30/2006		DG401A (GEN)	181
5962-9057001HXA	D	10/03/2013	0	DATEL		Y	DAC-88/883	591
5962-9057001HXA	D	10/03/2013	1	SPECTRUM (2)		Y	MN3860MXA	591
5962-9057001HXC	D	10/03/2013	0	DATEL		Y	DAC-88/883	591
5962-9057001HXC	D	10/03/2013	1	SPECTRUM (2)		Y	MN3860MXC	591
5962-9057101HXA	A	03/20/2006		(NONE)			MN7130 (GEN)	818
5962-9057301LA	B	03/13/2018		(NONE)			10E301 (GEN)	431
5962-9057301XA	B	03/13/2018		(NONE)			10E301 (GEN)	431
5962-9057302LA	B	03/13/2018		(NONE)			10E302 (GEN)	431
5962-9057302XA	B	03/13/2018		(NONE)			10E302 (GEN)	431
5962-9057401EA		09/20/1990		(NONE)			54HCT40102 (GEN)	301
5962-9057701MEA	A	12/06/2007		(NONE)	06/30/1996		SP8720 (GEN)	319
5962-90582012A	B	04/15/2014		E2V		Y	54F191LMQB	304
5962-90582012A	B	04/15/2014	1	ROCHESTER		Y	54F191/Q2A	304
5962-9058201EA	B	04/15/2014		E2V		Y	54F191DMQB	304
5962-9058201EA	B	04/15/2014	1	ROCHESTER		Y	54F191/QEA	304
5962-9058201FA	B	04/15/2014		E2V		Y	54F191FMQB	304
5962-9058201FA	B	04/15/2014	1	ROCHESTER		Y	54F191/QFA	304
5962-90585013A	B	02/24/2010		(NONE)			54F432 (GEN)	342
5962-9058501KA	B	02/24/2010		(NONE)			54F432 (GEN)	342
5962-9058501LA	B	02/24/2010		(NONE)			54F432 (GEN)	342
5962-9058801M2A	A	12/12/2007		(NONE)	09/30/1995		10H750 (GEN)	549
5962-9058801MEA	A	12/12/2007		(NONE)	09/30/1995		10H750 (GEN)	549
5962-9058801MFA	A	12/12/2007		(NONE)	09/30/1995		10H750 (GEN)	549
5962-9059001B2A	C	06/26/2008	3	E2V		Y	54AC05B2A	143
5962-9059001B2A	C	06/26/2008	3	ROCHESTER		Y	54AC05/B2A	143
5962-9059001M2A	C	06/26/2008	3	E2V		Y	54AC05LMQB	143
5962-9059001M2A	C	06/26/2008	3	ROCHESTER		Y	54AC05/Q2A	143
5962-9059001S2A	C	06/26/2008		(NONE)			54AC05 (GEN)	143
5962R9059001B2A	C	06/26/2008		(NONE)			54AC05 (GEN)	143
5962R9059001S2A	C	06/26/2008		(NONE)			54AC05 (GEN)	143
5962-9059001BCA	C	06/26/2008	3	E2V		Y	54AC05BCA	143
5962-9059001BCA	C	06/26/2008	3	ROCHESTER		Y	54AC05/BCA	143
5962-9059001MCA	C	06/26/2008	3	E2V		Y	54AC05DMQB	143
5962-9059001MCA	C	06/26/2008	3	ROCHESTER		Y	54AC05/QCA	143
5962-9059001SCA	C	06/26/2008		(NONE)			54AC05 (GEN)	143
5962R9059001BCA	C	06/26/2008		(NONE)			54AC05 (GEN)	143
5962R9059001SCA	C	06/26/2008		(NONE)			54AC05 (GEN)	143
5962-9059001BDA	C	06/26/2008	3	E2V		Y	54AC05BDA	143
5962-9059001BDA	C	06/26/2008	3	ROCHESTER		Y	54AC05/BDA	143
5962-9059001MDA	C	06/26/2008	3	E2V		Y	54AC05FMQB	143
5962-9059001MDA	C	06/26/2008	3	ROCHESTER		Y	54AC05/QDA	143
5962-9059001SDA	C	06/26/2008		(NONE)			54AC05 (GEN)	143
5962R9059001BDA	C	06/26/2008		(NONE)			54AC05 (GEN)	143
5962R9059001SDA	C	06/26/2008		(NONE)			54AC05 (GEN)	143
5962R9059001SZA	C	06/26/2008		(NONE)			54AC05 (GEN)	143

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5962-9059301M2A	A	11/14/2007		(NONE)		54F402 (GEN)		219
5962-9059301MEA	A	11/14/2007		(NONE)		54F402 (GEN)		219
5962-9059301MFA	A	11/14/2007		(NONE)		54F402 (GEN)		219
5962-9059401UA	C	07/13/2016	1	PYRAMID		Y P4C1981-45LMB		620
5962-9059401XA	C	07/13/2016	1	PYRAMID		Y P4C1981-45CMB		620
5962-9059401YA	C	07/13/2016	1	PYRAMID		Y P4C1981-45FMB		620
5962-9059401ZA	C	07/13/2016	1	PYRAMID		Y P4C1981-45LMB		620
5962-9059402UA	C	07/13/2016	1	PYRAMID		Y P4C1981-35LMB		620
5962-9059402XA	C	07/13/2016	1	PYRAMID		Y P4C1981-35CMB		620
5962-9059402YA	C	07/13/2016	1	PYRAMID		Y P4C1981-35FMB		620
5962-9059402ZA	C	07/13/2016	1	PYRAMID		Y P4C1981-35LMB		620
5962-9059403UA	C	07/13/2016	1	PYRAMID		Y P4C1981-25LMB		620
5962-9059403XA	C	07/13/2016	1	PYRAMID		Y P4C1981-25CMB		620
5962-9059403YA	C	07/13/2016	1	PYRAMID		Y P4C1981-25FMB		620
5962-9059403ZA	C	07/13/2016	1	PYRAMID		Y P4C1981-25LMB		620
5962-9059404UA	C	07/13/2016	1	PYRAMID		Y P4C1981-20LMB		620
5962-9059404XA	C	07/13/2016	1	PYRAMID		Y P4C1981-20CMB		620
5962-9059404YA	C	07/13/2016	1	PYRAMID		Y P4C1981-20FMB		620
5962-9059404ZA	C	07/13/2016	1	PYRAMID		Y P4C1981-20LMB		620
5962-9059501GA	E	04/07/2016	1	MICROSS		Y MTLT1019AQH-10		782
5962-9059502GA	E	04/07/2016	1	MICROSS		Y MTLT1019AQH-5		785
5962-9059503GA	E	04/07/2016	1	MICROSS		Y MTLT1019AQH-4.5		785
5962-9059504GA	E	04/07/2016	1	MICROSS		Y MTLT1019AQH-2.5		785
5962-9059505GA	E	04/07/2016	1	MICROSS		Y MTLT1019QH-10		785
5962-9059506GA	E	04/07/2016	1	MICROSS		Y MTLT1019QH-5		785
5962-9059507GA	E	04/07/2016	1	MICROSS		Y MTLT1019QH-4.5		785
5962-9059508GA	E	04/07/2016	1	MICROSS		Y MTLT1019QH-2.5		785
5962-90596013A	A	08/02/2007		(NONE)		TDC1012 (GEN)		591
5962-9059601JA	A	08/02/2007		(NONE)		TDC1012 (GEN)		591
5962-90596023A	A	08/02/2007		(NONE)		TDC1012 (GEN)		591
5962-9059602JA	A	08/02/2007		(NONE)		TDC1012 (GEN)		591
5962-9059701MEA		04/25/1991		(NONE)	06/01/2001	54HCT4017 (GEN)		319
5962-9060001PA	G	12/09/2015	1	ROCHESTER		Y CLC410A/BPA		755
5962-9060201MRA	A	07/18/2001		(NONE)		DG534 (GEN)		199
5962-90603012A	D	03/15/2017		(NONE)		REF43B (GEN)		785
5962-9060301GA	D	03/15/2017		(NONE)		REF43B (GEN)		785
5962-9060301PA	D	03/15/2017		(NONE)		REF43B (GEN)		785
5962R9060302VPA	D	03/15/2017	1	ANALOG (4)		Y REF43AZ/QMLR		785
5962R9060303VHA	D	03/15/2017	1	ANALOG (4)		Y REF43AL/QMLR		785
5962L9060304VHA	D	03/15/2017	1	ANALOG (4)		Y REF43AL/QMLL		785
5962-90604012A	C	06/10/2008		(NONE)		TLC274 (GEN)		713
5962-9060401CA	C	06/10/2008		(NONE)		TLC274 (GEN)		713
5962-9060401DA	C	06/10/2008		(NONE)		TLC274 (GEN)		713
5962-90604022A	C	06/10/2008		(NONE)		TLC279 (GEN)		713
5962-9060402CA	C	06/10/2008		(NONE)		TLC279 (GEN)		713
5962-9060402DA	C	06/10/2008		(NONE)		TLC279 (GEN)		713
5962-90604032A	C	06/10/2008		(NONE)		TLC27M4 (GEN)		713
5962-9060403CA	C	06/10/2008		(NONE)		TLC27M4 (GEN)		713
5962-9060403DA	C	06/10/2008		(NONE)		TLC27M4 (GEN)		713

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5962-90604042A	C	06/10/2008		(NONE)			TLC27M9 (GEN)	713
5962-9060404CA	C	06/10/2008		(NONE)			TLC27M9 (GEN)	713
5962-9060404DA	C	06/10/2008		(NONE)			TLC27M9 (GEN)	713
5962-90604052A	C	06/10/2008		(NONE)			TLC27L4 (GEN)	713
5962-9060405CA	C	06/10/2008		(NONE)			TLC27L4 (GEN)	713
5962-9060405DA	C	06/10/2008		(NONE)			TLC27L4 (GEN)	713
5962-90604062A	C	06/10/2008		(NONE)			TLC27L9 (GEN)	713
5962-9060406CA	C	06/10/2008		(NONE)			TLC27L9 (GEN)	713
5962-9060406DA	C	06/10/2008		(NONE)			TLC27L9 (GEN)	713
5962-90606012A	C	01/12/2015		(NONE)			54F113 (GEN)	156
5962-9060601CA	C	01/12/2015		(NONE)			54F113 (GEN)	156
5962-9060601DA	C	01/12/2015		(NONE)			54F113 (GEN)	156
5962-90606022A	C	01/12/2015	1	E2V		Y	54F112/2A	156
5962-9060602EA	C	01/12/2015	1	E2V		Y	54F112/EA	156
5962-9060602FA	C	01/12/2015	1	E2V		Y	54F112/FA	156
5962-9061101XA	C	05/13/2015	1	E2V		Y	CY7C344-35WMB	431
5962-9061101YA	C	05/13/2015	1	E2V		Y	CY7C344-35HMB	431
5962-9061102XA	C	05/13/2015	1	E2V		Y	CY7C344-25WMB	431
5962-9061102YA	C	05/13/2015	1	E2V		Y	CY7C344-25HMB	431
5962-90613012A	A	04/03/2012	1	SRI		Y	GEM22601Q2A	282
5962-90613012C	A	04/03/2012	1	SRI		Y	GEM22601Q2C	282
5962-9061301EA	A	04/03/2012	1	SRI		Y	GEM22601QEA	282
5962-9061301EC	A	04/03/2012	1	SRI		Y	GEM22601QEC	282
5962-9061301FA	A	04/03/2012	1	SRI		Y	GEM22601QFA	282
5962-9061301FC	A	04/03/2012	1	SRI		Y	GEM22601QFC	282
5962-9061601LA	C	08/22/2018	3	TI		Y	SNJ54ALS29821JT	164
5962-9061701MNA	D	02/22/2017		(NONE)			MT4C4256 (GEN)	625
5962-9061701MRA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-15JDM	625
5962-9061701MTA	D	02/22/2017		(NONE)			MT4C4256 (GEN)	625
5962-9061701MUA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-15HKM	625
5962-9061701MXA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-15HJM	625
5962-9061701MYA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-15FQM	625
5962-9061701MZA	D	02/22/2017		(NONE)				625
5962-9061702MNA	D	02/22/2017		(NONE)			MT4C4256 (GEN)	625
5962-9061702MRA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-12JDM	625
5962-9061702MTA	D	02/22/2017		(NONE)			MT4C4256 (GEN)	625
5962-9061702MUA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-12HKM	625
5962-9061702MXA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-12HJM	625
5962-9061702MYA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-12FQM	625
5962-9061702MZA	D	02/22/2017		(NONE)				625
5962-9061703MNA	D	02/22/2017		(NONE)			MT4C4256 (GEN)	625
5962-9061703MRA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-10JDM	625
5962-9061703MTA	D	02/22/2017		(NONE)			MT4C4256 (GEN)	625
5962-9061703MUA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-10HKM	625
5962-9061703MXA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-10HJM	625
5962-9061703MYA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-10FQM	625
5962-9061703MZA	D	02/22/2017		(NONE)				625
5962-9061704MNA	D	02/22/2017		(NONE)			MT4C4256 (GEN)	625
5962-9061704MRA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-80JDM	625



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5962-9061704MTA	D	02/22/2017		(NONE)			MT4C4256 (GEN)	625
5962-9061704MUA	D	02/22/2017	3	MICROSS		Y	SJM44C256-80HKM	625
5962-9061704MXA	D	02/22/2017	3	MICROSS		Y	SJM44C256-80HJM	625
5962-9061704MYA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-80FQM	625
5962-9061704MZA	D	02/22/2017		(NONE)			44C256-80 (GEN)	625
5962-9061705MNA	D	02/22/2017		(NONE)			MT4C4256 (GEN)	625
5962-9061705MRA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-70JDM	625
5962-9061705MTA	D	02/22/2017		(NONE)			MT4C4256 (GEN)	625
5962-9061705MUA	D	02/22/2017	3	MICROSS		Y	SJM44C256-70HKM	625
5962-9061705MXA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-70HJM	625
5962-9061705MYA	D	02/22/2017	3	MICROSS		Y	SMJ44C256-70FQM	625
5962-9061705MZA	D	02/22/2017		(NONE)				625
5962-9061706MNA	D	02/22/2017		(NONE)			4C4256-15	625
5962-9061706MRA	D	02/22/2017		(NONE)			4C4256-15	625
5962-9061706MYA	D	02/22/2017		(NONE)			4C4256-15	625
5962-9061707MNA	D	02/22/2017		(NONE)			4C4256-12	625
5962-9061707MRA	D	02/22/2017		(NONE)			4C4256-12	625
5962-9061707MYA	D	02/22/2017		(NONE)			4C4256-12	625
5962-9061708MNA	D	02/22/2017		(NONE)			4C4256-10	625
5962-9061708MRA	D	02/22/2017		(NONE)			4C4256-10	625
5962-9061708MYA	D	02/22/2017		(NONE)			4C4256-10	625
5962-9061709MNA	D	02/22/2017	1	MICROSS		Y	AS4C4256F-80/883C	625
5962-9061709MRA	D	02/22/2017	1	MICROSS		Y	AS4C4256C-80/883C	625
5962-9061709MYA	D	02/22/2017	1	MICROSS		Y	AS4C4256EC-80/883C	625
5962-9061710MNA	D	02/22/2017	1	MICROSS		Y	AS4C4256F-70883C	625
5962-9061710MRA	D	02/22/2017	1	MICROSS		Y	AS4C4256C-70883C	625
5962-9061710MYA	D	02/22/2017	1	MICROSS		Y	AS4C4256EC-70883C	625
5962-9061801MEA	A	12/12/2007		(NONE)	06/30/1996		SP8647 (GEN)	319
5962-9062001MUA	B	10/23/2015	2	E2V		Y	CY7C132-55FMB	616
5962-9062001MYA	B	10/23/2015	2	E2V		Y	CY7C132-55DMB	616
5962-9062001MZA	B	10/23/2015	2	E2V		Y	CY7C132-55LMB	616
5962-9062002MUA	B	10/23/2015	2	E2V		Y	CY7C132-45FMB	616
5962-9062002MYA	B	10/23/2015	2	E2V		Y	CY7C132-45DMB	616
5962-9062002MZA	B	10/23/2015	2	E2V		Y	CY7C132-45LMB	616
5962-9062003MUA	B	10/23/2015	2	E2V		Y	CY7C132-35FMB	616
5962-9062003MYA	B	10/23/2015	2	E2V		Y	CY7C132-35DMB	616
5962-9062003MZA	B	10/23/2015	2	E2V		Y	CY7C132-35LMB	616
5962-9062004MUA	B	10/23/2015		(NONE)			7C142 (GEN)	616
5962-9062004MYA	B	10/23/2015		(NONE)	05/31/1998		7C142-55 (GEN)	616
5962-9062004MZA	B	10/23/2015		(NONE)			7C142 (GEN)	616
5962-9062005MUA	B	10/23/2015		(NONE)			7C142 (GEN)	616
5962-9062005MYA	B	10/23/2015		(NONE)	05/31/1998		7C142-45 (GEN)	616
5962-9062005MZA	B	10/23/2015		(NONE)			7C142 (GEN)	616
5962-9062006MUA	B	10/23/2015		(NONE)			7C142 (GEN)	616
5962-9062006MYA	B	10/23/2015		(NONE)	05/31/1998		7C142-35 (GEN)	616
5962-9062006MZA	B	10/23/2015		(NONE)			7C142 (GEN)	616
5962-9062007MXA	B	10/23/2015	2	E2V		Y	CY7C136-55LMB	616
5962-9062008MXA	B	10/23/2015	2	E2V		Y	CY7C136-45LMB	616
5962-9062009MXA	B	10/23/2015	2	E2V		Y	CY7C136-35LMB	616



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5962-9062010MXA	B	10/23/2015		(NONE)			7C146-55 (GEN)	616
5962-9062011MXA	B	10/23/2015		(NONE)			7C146-45 (GEN)	616
5962-9062012MXA	B	10/23/2015		(NONE)			7C146-35 (GEN)	616
5962-9062201MMA	E	11/16/2015		(NONE)			MT4C1004-12 (GEN)	629
5962-9062201MNA	E	11/16/2015		(NONE)			MT4C1004-12 (GEN)	629
5962-9062201MTA	E	11/16/2015		(NONE)			MT4C1004-12 (GEN)	629
5962-9062201MUA	E	11/16/2015		(NONE)			MT4C1004-12 (GEN)	629
5962-9062201MVA	E	11/16/2015	1	MICROSS		Y	MT4C1004JCN-12	629
5962-9062201MXA	E	11/16/2015		(NONE)	11/01/1997		44100-12HR (GEN)	629
5962-9062201MYA	E	11/16/2015		(NONE)			MT4C1004-12 (GEN)	629
5962-9062201MZA	E	11/16/2015		(NONE)				629
5962-9062202MMA	E	11/16/2015		(NONE)			MT4C1004-10 (GEN)	629
5962-9062202MNA	E	11/16/2015		(NONE)			MT4C1004-10 (GEN)	629
5962-9062202MTA	E	11/16/2015		(NONE)			MT4C1004-10 (GEN)	629
5962-9062202MUA	E	11/16/2015		(NONE)			MT4C1004-10 (GEN)	629
5962-9062202MVA	E	11/16/2015	1	MICROSS		Y	MT4C1004JCN-10	629
5962-9062202MXA	E	11/16/2015		(NONE)	11/01/1997		44100-10HR (GEN)	629
5962-9062202MYA	E	11/16/2015		(NONE)			MT4C1004J-10 (GEN)	629
5962-9062202MZA	E	11/16/2015		(NONE)				629
5962-9062203MMA	E	11/16/2015		(NONE)			MT4C1004-8	629
5962-9062203MNA	E	11/16/2015		(NONE)			MT4C1004-8	629
5962-9062203MTA	E	11/16/2015		(NONE)			MT4C1004-8	629
5962-9062203MUA	E	11/16/2015		(NONE)			MT4C1004-8	629
5962-9062203MVA	E	11/16/2015	1	MICROSS		Y	MT4C1004JCN-8	629
5962-9062203MXA	E	11/16/2015		(NONE)	11/01/1997		44100-80HR (GEN)	629
5962-9062203MYA	E	11/16/2015		(NONE)			MT4C1004-8	629
5962-9062203MZA	E	11/16/2015		(NONE)				629
5962-9062501M2A	C	03/28/2017	3	TI		Y	SNJ54BCT244FK	529
5962-9062501MRA	C	03/28/2017	3	TI		Y	SNJ54BCT244J	529
5962-9062501MSA	C	03/28/2017	3	TI		Y	SNJ54BCT244W	529
5962-9062701GA	E	11/03/2016	1	MICROSS		Y	MTLT1011AQH	779
5962-9062701PA	E	11/03/2016	1	MICROSS		Y	MTLT1011AQD8	779
5962-9062702GA	E	11/03/2016	1	MICROSS		Y	MTLT1011QH	779
5962-9062702PA	E	11/03/2016	1	MICROSS		Y	MTLT1011QD8	779
5962-90628012A	C	08/02/2017	1	ROCHESTER		Y	55ALS056/B2A	590
5962-9062801RA	C	08/02/2017	1	ROCHESTER		Y	55ALS056/BRA	590
5962-9062801SA	C	08/02/2017	1	ROCHESTER		Y	55ALS056/BSA	590
5962-90629012A	C	08/10/2017	1	ROCHESTER		Y	55ALS057/B2A	590
5962-9062901RA	C	08/10/2017	1	ROCHESTER		Y	55ALS057/BRA	590
5962-9062901SA	C	08/10/2017	1	ROCHESTER		Y	55ALS057/BSA	590
5962-9063001HXA	A	08/14/2006		(NONE)	09/01/2000		SP9760 (GEN)	818
5962-9063101HXA		02/10/1992		(NONE)	09/01/2000		SP9588 (GEN)	592
5962-9063201M3A	C	09/13/2018	1	ANALOG (3)		Y	AD7870TE/883B	592
5962-9063201MLA	C	09/13/2018	1	ANALOG (3)		Y	AD7870TQ/883B	592
5962-9063301MCA	B	11/06/2013	1	ANALOG (2)		Y	AD713SQ/883B	713
5962-9063302MCA	B	11/06/2013		(NONE)			AD713T (GEN)	713
5962-9063401HXA	B	04/23/2004		(NONE)			DAC-02200II (GEN)	591
5962-9063501M2A	B	08/01/2012		(NONE)			ADG528A (GEN)	193
5962-9063501MVA	B	08/01/2012		(NONE)	12/21/2013		ADG528A (GEN)	193

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5962-9063502M2A	B	08/01/2012		(NONE)	12/21/2013		ADG529A (GEN)	192
5962-9063502MVA	B	08/01/2012		(NONE)	12/21/2013		ADG529A (GEN)	192
5962-9063601HXA	C	07/15/2014	1	AEROFLEX		Y	CT1820-001-2	399
5962-9063601HXC	C	07/15/2014	1	AEROFLEX		Y	CT1820-001-1	399
5962-9063601HYA	C	07/15/2014	1	AEROFLEX		Y	CT1820-201-2	399
5962-9063601HYC	C	07/15/2014	1	AEROFLEX		Y	CT1820-201-1	399
5962-9063602HXA	C	07/15/2014	1	AEROFLEX		Y	CT1820-2-001-2	399
5962-9063602HXC	C	07/15/2014	1	AEROFLEX		Y	CT1820-2-001-1	399
5962-9063602HYA	C	07/15/2014	1	AEROFLEX		Y	CT1820-2-201-2	399
5962-9063602HYC	C	07/15/2014	1	AEROFLEX		Y	CT1820-2-201-1	399
5962-9063603HXA	C	07/15/2014		(NONE)			ARX2410 (GEN)	399
5962-9063604HXA	C	07/15/2014		(NONE)			ARX3410 (GEN)	399
5962-9063801HXA	F	02/18/2015	1	APEX		Y	PA07M/883	724
5962-9063901M3A	A	01/04/2008		(NONE)	06/01/1997		54F543 (GEN)	590
5962-9063901MKA	A	01/04/2008		(NONE)	09/01/1997		54F543 (GEN)	590
5962-9063901MLA	A	01/04/2008		(NONE)	06/01/1997		54F543 (GEN)	590
5962-9064001CA	E	05/25/2016	1	TI		Y	CD4016BF3A	199
5962-9064002CA	E	05/25/2016		(NONE)			14016B (GEN)	199
5962-9064201Q2A	B	08/08/2007		(NONE)	09/15/1995		TLC1541 (GEN)	592
5962-9064201QRA	B	08/08/2007		(NONE)	09/15/1995		TLC1541 (GEN)	592
5962-9064202Q2A	B	08/08/2007		(NONE)	06/30/2004		TLC1542 (GEN)	592
5962-9064202QRA	B	08/08/2007		(NONE)	06/30/2004		TLC1542 (GEN)	592
5962-9064401MRA	A	01/23/1996		(NONE)	09/01/1997		605 (GEN)	899
5962-9064401MXA	A	01/23/1996		(NONE)	09/01/1997		605 (GEN)	899
5962-9064401NYA	A	01/23/1996		(NONE)			605 (GEN)	899
5962-9064402NYA	A	01/23/1996		(NONE)			605 (GEN)	899
5962-90649012A	C	06/21/2010		(NONE)			LTC1064-4 (GEN)	805
5962-9064901CA	C	06/21/2010		(NONE)	03/30/2001		LTC1064-4 (GEN)	805
5962-9064901XA	C	06/21/2010		(NONE)	03/30/2001		LTC1064-4 (GEN)	805
5962-90650012A	D	10/24/2017		(NONE)	12/31/2001		UC1835 (GEN)	899
5962-9065001PA	D	10/24/2017		(NONE)	12/31/2001		UC1835 (GEN)	899
5962-90650022A	D	10/24/2017	1	TI		Y	UC1836L/883BC	899
5962-9065002PA	D	10/24/2017	1	TI		Y	UC1836J/883BC	899
5962-9065101MCA	B	02/23/2012	1	TI		Y	CD54HCT126F3A	520
5962-9065201MEA	B	02/23/2012	1	TI		Y	CD54HCT151F3A	272
5962-9065401MEA	B	04/19/2012	1	TI		Y	CD54HCT4051F3A	193
5962-9065601MQA		11/04/1991		(NONE)	12/24/1997		80C28710 (GEN)	409
5962-9065701MXC	C	01/29/2015	1	E2V			Z16C3010GMB	420
5962-90658013A	B	05/21/2015	1	E2V			WS57C43C-70-CMB	659
5962-90658013C	B	05/21/2015	1	E2V			WS57C43C-70-CMB	659
5962-9065801JA	B	05/21/2015	1	E2V			WS57C43C-70-DMB	659
5962-9065801JC	B	05/21/2015	1	E2V			WS57C43C-70-DMB	659
5962-9065801KA	B	05/21/2015	1	E2V			WS57C43C-70-FMB	659
5962-9065801KC	B	05/21/2015	1	E2V			WS57C43C-70-FMB	659
5962-9065801LA	B	05/21/2015	1	E2V			WS57C43C-70-TMB	659
5962-9065801LC	B	05/21/2015	1	E2V			WS57C43C-70-TMB	659
5962-90658023A	B	05/21/2015	1	E2V			WS57C43C-55-CMB	659
5962-90658023C	B	05/21/2015	1	E2V			WS57C43C-55-CMB	659
5962-9065802JA	B	05/21/2015	1	E2V			WS57C43C-55-DMB	659

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5962-9065802JC	B	05/21/2015	1	E2V			WS57C43C-55-DMB	659
5962-9065802KA	B	05/21/2015	1	E2V			WS57C43C-55-FMB	659
5962-9065802KC	B	05/21/2015	1	E2V			WS57C43C-55-FMB	659
5962-9065802LA	B	05/21/2015	1	E2V			WS57C43C-55-TMB	659
5962-9065802LC	B	05/21/2015	1	E2V			WS57C43C-55-TMB	659
5962-90658033A	B	05/21/2015	1	E2V			WS57C43C-45-CMB	659
5962-90658033C	B	05/21/2015	1	E2V			WS57C43C-45-CMB	659
5962-9065803JA	B	05/21/2015	1	E2V			WS57C43C-45-DMB	659
5962-9065803JC	B	05/21/2015	1	E2V			WS57C43C-45-DMB	659
5962-9065803KA	B	05/21/2015	1	E2V			WS57C43C-45-FMB	659
5962-9065803KC	B	05/21/2015	1	E2V			WS57C43C-45-FMB	659
5962-9065803LA	B	05/21/2015	1	E2V			WS57C43C-45-TMB	659
5962-9065803LC	B	05/21/2015	1	E2V			WS57C43C-45-TMB	659
5962-90658043A	B	05/21/2015	1	E2V			WS57C43C-35-CMB	659
5962-90658043C	B	05/21/2015	1	E2V			WS57C43C-35-CMB	659
5962-9065804JA	B	05/21/2015	1	E2V			WS57C43C-35-DMB	659
5962-9065804JC	B	05/21/2015	1	E2V			WS57C43C-35-DMB	659
5962-9065804KA	B	05/21/2015	1	E2V			WS57C43C-35-FMB	659
5962-9065804KC	B	05/21/2015	1	E2V			WS57C43C-35-FMB	659
5962-9065804LA	B	05/21/2015	1	E2V			WS57C43C-35-TMB	659
5962-9065804LC	B	05/21/2015	1	E2V			WS57C43C-35-TMB	659
5962-9065901HXA	G	01/21/2014	1	APEX		Y PA12M/883		724
5962-9065901HXA	G	01/21/2014	1	MICROPAC		Y MIOP42109/883		724
5962-9065901HXC	G	01/21/2014	1	MICROPAC		Y MIOP42109/883		724
5962-9066101MPA	A	04/27/2010		(NONE)	12/31/2000	SP8802 (GEN)		309
5962-9066401MXA	B	01/22/2018	1	PYRAMID		Y P4C1281-45CMB		623
5962-9066401MYA	B	01/22/2018		(NONE)		7C191-45 (GEN)		623
5962-9066401MZA	B	01/22/2018	1	PYRAMID		Y P4C1281-45LMB		623
5962-9066402MXA	B	01/22/2018	1	PYRAMID		Y P4C1281-35CMB		623
5962-9066402MYA	B	01/22/2018		(NONE)		7C191-35 (GEN)		623
5962-9066402MZA	B	01/22/2018	1	PYRAMID		Y P4C1281-35LMB		623
5962-9066403MXA	B	01/22/2018	1	PYRAMID		Y P4C1281-25CMB		623
5962-9066403MYA	B	01/22/2018		(NONE)		7C191-25 (GEN)		623
5962-9066403MZA	B	01/22/2018	1	PYRAMID		Y P4C1281-25LMB		623
5962-9066501M2A	B	08/01/2012		(NONE)	11/28/2015	54ALS137A (GEN)		282
5962-9066501MEa	B	08/01/2012		(NONE)	11/28/2015	54ALS137A (GEN)		282
5962-9066501MFA	B	08/01/2012		(NONE)	11/28/2015	54ALS137A (GEN)		282
5962-9066601HXA	A	01/12/1994		(NONE)		AD9005B (GEN)		592
5962-9066901M2A		04/07/1992		(NONE)	09/01/1996	54FCT193 (GEN)		304
5962-9066901MEa		04/07/1992		(NONE)	09/01/1996	54FCT193 (GEN)		304
5962-9066901MFA		04/07/1992		(NONE)	09/01/1996	54FCT193 (GEN)		304
5962-9066902M2A		04/07/1992		(NONE)	09/01/1996	54FCT193A (GEN)		304
5962-9066902MEa		04/07/1992		(NONE)	09/01/1996	54FCT193A (GEN)		304
5962-9066902MFA		04/07/1992		(NONE)	09/01/1996	54FCT193A (GEN)		304
5962-9067101MRA	C	12/05/2013	1	ANALOG (2)		Y AD598SD/883B		899
5962-9067501M3A	D	08/22/2018	3	TI		SNJ54ALS29823FK		164
5962-9067501MKA	D	08/22/2018	3	TI		SNJ54ALS29823W		164
5962-9067501MLA	D	08/22/2018		(NONE)	11/28/2015	54ALS29823 (GEN)		164
5962-9067502M3A	D	08/22/2018		(NONE)		54ALS29824 (GEN)		164

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9067502MKA	D	08/22/2018		(NONE)			54ALS29824 (GEN)	164
5962-9067502MLA	D	08/22/2018		(NONE)			54ALS29824 (GEN)	164
5962-9067801MXC	A	08/03/2005		(NONE)	04/01/2011		80C286-10 (GEN)	403
5962-9067801MYA	A	08/03/2005		(NONE)	12/24/1997		80C286-10 (GEN)	403
5962-9067802MXC	A	08/03/2005		(NONE)	02/11/2011		80C286-12 (GEN)	403
5962-9067901HXA	E	12/06/2011	1	APEX		Y	PA02M/883	724
5962-9068601QCA	B	04/27/2015	1	TI		Y	CD54ACT05F3A	143
5962-9068701Q2A	D	04/08/2011	2	TI		Y	SNJ54ACT86FK	140
5962-9068701QCA	D	04/08/2011	2	TI		Y	SNJ54ACT86J	140
5962-9068701QDA	D	04/08/2011	2	TI		Y	SNJ54ACT86W	140
5962F9068702VCA	D	04/08/2011	2	STMICRO		Y	RHFACT86D04V	140
5962F9068702VCC	D	04/08/2011	2	STMICRO		Y	RHFACT86D03V	140
5962-9068702QXA	D	04/08/2011		(NONE)			54ACT86 (GEN)	140
5962-9068702VXA	D	04/08/2011		(NONE)			54ACT86 (GEN)	140
5962F9068702QXA	D	04/08/2011	2	STMICRO		Y	RHFACT86K02Q	140
5962F9068702QXC	D	04/08/2011	2	STMICRO		Y	RHFACT86K01Q	140
5962F9068702VXA	D	04/08/2011	2	STMICRO		Y	RHFACT86K02V	140
5962F9068702VXC	D	04/08/2011	2	STMICRO		Y	RHFACT86K01V	140
5962-9068901MEA	A	07/18/2001		(NONE)	08/30/2006		DG189A (GEN)	186
5962-9069201MXA	C	10/29/1996		(NONE)	12/24/1997		87C196KC (GEN)	420
5962-9069201MYA	C	10/29/1996		(NONE)	12/24/1997		87C196KC (GEN)	420
5962-9069202QXA	C	10/29/1996		(NONE)	12/24/1997		87C196KD (GEN)	420
5962-9069202QYA	C	10/29/1996		(NONE)	12/24/1997		87C196KD (GEN)	420
5962-9069203QXA	C	10/29/1996		(NONE)	12/24/1997		87C196KD (GEN)	420
5962-9069203QYA	C	10/29/1996		(NONE)	12/24/1997		87C196KD (GEN)	420
5962-9069204QXA	C	10/29/1996		(NONE)	12/24/1997		87C196KC (GEN)	420
5962-9069204QYA	C	10/29/1996		(NONE)	12/24/1997		87C196KC (GEN)	420
5962-9069301MCA	C	08/30/2000		(NONE)	03/30/2001		LTC1064-1 (GEN)	805
5962-9069302MCA	C	08/30/2000		(NONE)	03/30/2001		LTC1064-1A (GEN)	805
5962-9069501M3A	A	03/04/2010		(NONE)			54ALS29825 (GEN)	421
5962-9069501MKA	A	03/04/2010		(NONE)			54ALS29825 (GEN)	421
5962-9069501MLA	A	03/04/2010		(NONE)			54ALS29825 (GEN)	421
5962-9069601MKA	B	02/12/2018		(NONE)			7C123 (GEN)	608
5962-9069601MLA	B	02/12/2018		(NONE)			7C123-15 (GEN)	608
5962-9069601MXA	B	02/12/2018		(NONE)			7C123 (GEN)	608
5962-9069602MKA	B	02/12/2018		(NONE)			7C123 (GEN)	608
5962-9069602MLA	B	02/12/2018		(NONE)			7C123-12 (GEN)	608
5962-9069602MXA	B	02/12/2018		(NONE)			7C123 (GEN)	608
5962-9069603MKA	B	02/12/2018		(NONE)			7C123 (GEN)	608
5962-9069603MLA	B	02/12/2018		(NONE)			7C123-10 (GEN)	608
5962-9069603MXA	B	02/12/2018		(NONE)			7C123 (GEN)	608
5962-9070101MEA	B	02/23/2012	1	TI		Y	CD54HCT109F3A	152
5962-9070201MEA	B	02/23/2012	1	TI		Y	CD54HCT157F3A	275
5962-9070301MEA	B	02/23/2012	1	TI		Y	CD54HCT158F3A	275
5962-9070401QXA		05/15/1990		(NONE)			WEDSP-16 (GEN)	432
5962-9070501MEA		04/30/1991		(NONE)			54HCT160 (GEN)	300
5962-9070601MEA	C	03/28/2017	1	TI		Y	CD54HCT367F3A	590
5962-9070701HXA	G	02/14/2006		(NONE)			SDC14500-635 (GEN)	594
5962-9070701HYA	G	02/14/2006		(NONE)			HSDC-8917II-1A (GEN)	594

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5962-9070702HXA	G	02/14/2006		(NONE)			SDC14500-636 (GEN)	594
5962-9070702HYA	G	02/14/2006		(NONE)			HSDC-8917II-1 (GEN)	594
5962-9070703HXA	G	02/14/2006		(NONE)			SDC14502-605 (GEN)	594
5962-9070703HYA	G	02/14/2006		(NONE)			HSDC-8919II-1A (GEN)	594
5962-9070704HXA	G	02/14/2006		(NONE)			SDC14502-606 (GEN)	594
5962-9070704HYA	G	02/14/2006		(NONE)			HSDC-8919II-1 (GEN)	594
5962-9070705HXC	G	02/14/2006		(NONE)			1024-C672H/2 (GEN)	594
5962-9070706HXC	G	02/14/2006		(NONE)			1024-C673H/2 (GEN)	594
5962-9070707HXC	G	02/14/2006		(NONE)			1024-C674H/2 (GEN)	594
5962-9070708HXC	G	02/14/2006		(NONE)			1024-C675H/2 (GEN)	594
5962-9070801XA	A	09/25/1996		(NONE)			TMC2208 (GEN)	208
5962-9071001M3A	A	03/04/2010		(NONE)			54ALS29842 (GEN)	342
5962-9071001MKA	A	03/04/2010		(NONE)			54ALS29842 (GEN)	342
5962-9071001MLA	A	03/04/2010		(NONE)			54ALS29842 (GEN)	342
5962-9071101M2C	B	08/01/2016	1	MAXIM INTEG.			MAX691MLP/883B	429
5962-9071101MEA	B	08/01/2016	1	MAXIM INTEG.			MAX691MJE/883B	429
5962-9071102M2C	B	08/01/2016	1	MAXIM INTEG.			MAX693MLP/883B	429
5962-9071102MEA	B	08/01/2016	1	MAXIM INTEG.			MAX693MJE/883B	429
5962-9071103MEA	B	08/01/2016	1	MAXIM INTEG.			MAX695MJE/883B	429
5962-9071201M2C	E	10/03/2016		(NONE)			MAX690 (GEN)	429
5962-9071201MHA	E	10/03/2016		(NONE)			MAX690 (GEN)	429
5962-9071201MPA	E	10/03/2016	1	MAXIM INTEG.			MAX690MJA/883B	429
5962-9071201MXC	E	10/03/2016		(NONE)	05/18/2010		MAX690 (GEN)	429
5962-9071202M2C	E	10/03/2016	1	MAXIM INTEG.			MAX692MLP/883B	429
5962-9071202MHA	E	10/03/2016		(NONE)			MAX692 (GEN)	429
5962-9071202MPA	E	10/03/2016	1	MAXIM INTEG.			MAX692MJA/883B	429
5962-9071202MXC	E	10/03/2016		(NONE)	05/18/2010		MAX692 (GEN)	429
5962-9071203M2C	E	10/03/2016	1	MAXIM INTEG.			MAX694MLP/883B	429
5962-9071203MHA	E	10/03/2016		(NONE)			MAX694 (GEN)	429
5962-9071203MPA	E	10/03/2016	1	MAXIM INTEG.			MAX694MJA/883B	429
5962-9071203MXC	E	10/03/2016		(NONE)	05/18/2010		MAX694 (GEN)	429
5962-9071501MUA	D	05/14/2018	3	E2V		Y	CY7C433-120DMB	670
5962-9071501MXA	D	05/14/2018	3	E2V		Y	CY7C432-120DMB	670
5962-9071501MYA	D	05/14/2018	3	E2V		Y	CY7C433-120KMB	670
5962-9071501MZA	D	05/14/2018	3	E2V		Y	CY7C433-120LMB	670
5962-9071502MUA	D	05/14/2018	3	E2V		Y	CY7C433-80DMB	670
5962-9071502MXA	D	05/14/2018	3	E2V		Y	CY7C432-80DMB	670
5962-9071502MYA	D	05/14/2018	3	E2V		Y	CY7C433-80KMB	670
5962-9071502MZA	D	05/14/2018	3	E2V		Y	CY7C433-80LMB	670
5962-9071503MUA	D	05/14/2018	3	E2V		Y	CY7C433-65DMB	670
5962-9071503MXA	D	05/14/2018	3	E2V		Y	CY7C432-65DMB	670
5962-9071503MYA	D	05/14/2018	3	E2V		Y	CY7C433-65KMB	670
5962-9071503MZA	D	05/14/2018	3	E2V		Y	CY7C433-65LMB	670
5962-9071504MUA	D	05/14/2018	3	E2V		Y	CY7C433-50DMB	670
5962-9071504MXA	D	05/14/2018	3	E2V		Y	CY7C432-50DMB	670
5962-9071504MYA	D	05/14/2018	3	E2V		Y	CY7C433-50KMB	670
5962-9071504MZA	D	05/14/2018	3	E2V		Y	CY7C433-50LMB	670
5962-9071505MUA	D	05/14/2018	3	E2V		Y	CY7C433-40DMB	670
5962-9071505MXA	D	05/14/2018	3	E2V		Y	CY7C432-40DMB	670



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5962-9071505MYA	D	05/14/2018	3	E2V		Y CY7C433-40KMB		670
5962-9071505MZA	D	05/14/2018	3	E2V		Y CY7C433-40LMB		670
5962-9071506MUA	D	05/14/2018	3	E2V		Y CY7C433-30DMB		670
5962-9071506MXA	D	05/14/2018	3	E2V		Y CY7C432-30DMB		670
5962-9071506MYA	D	05/14/2018	3	E2V		Y CY7C433-30KMB		670
5962-9071506MZA	D	05/14/2018	3	E2V		Y CY7C433-30LMB		670
5962-9071507MUA	D	05/14/2018	3	E2V		Y CY7C433-20DMB		670
5962-9071507MXA	D	05/14/2018	3	E2V		Y CY7C432-20DMB		670
5962-9071507MYA	D	05/14/2018	3	E2V		Y CY7C433-20KMB		670
5962-9071507MZA	D	05/14/2018	3	E2V		Y CY7C433-20LMB		670
5962-9071901MXA	B	11/07/2006		(NONE)		EF4442 (GEN)		579
5962-9072001M3A	B	11/10/2009		(NONE)		54ALS29843 (GEN)		342
5962-9072001MKA	B	11/10/2009		(NONE)		54ALS29843 (GEN)		342
5962-9072001MLA	B	11/10/2009		(NONE)		54ALS29843 (GEN)		342
5962-9072301HXA	E	12/06/2011	1	APEX		Y PA08M/883		724
5962-9072701MXA	A	11/04/1993		(NONE)		34010-40 (GEN)		439
5962-9072701MYA	A	11/04/1993		(NONE)		34010-40 (GEN)		439
5962-9072702MXA	A	11/04/1993		(NONE)	10/31/2002	34010-50 (GEN)		439
5962-9072702MYA	A	11/04/1993		(NONE)		34010-50 (GEN)		439
5962-9073001HXA	C	04/02/2009		(NONE)		MN376 (GEN)		818
5962-9073001HYC	C	04/02/2009		(NONE)	04/14/2001	HTC-0300A (GEN)		818
5962-9073101M2C	F	12/08/2016	1	MAXIM INTEG.		DG411AZ/883B		183
5962-9073101MEA	F	12/08/2016	1	MAXIM INTEG.		DG411AK/883B		183
5962-9073101MEA	F	12/08/2016	2	RENESAS		Y DG411AK/883		183
5962-9073101MFA	F	12/08/2016		(NONE)		DG411A (GEN)		183
5962-9073101MXC	F	12/08/2016		(NONE)	05/18/2010	DG411A (GEN)		183
5962-9073102M2C	F	12/08/2016	1	MAXIM INTEG.		DG412AZ/883B		183
5962-9073102MEA	F	12/08/2016	1	MAXIM INTEG.		DG412AK/883B		183
5962-9073102MFA	F	12/08/2016		(NONE)		DG412A (GEN)		183
5962-9073102MXC	F	12/08/2016		(NONE)	05/18/2010	DG412A (GEN)		183
5962-9073103M2C	F	12/08/2016	1	MAXIM INTEG.		DG413AZ/883B		183
5962-9073103MEA	F	12/08/2016	1	MAXIM INTEG.		DG413AK/883B		183
5962-9073103MFA	F	12/08/2016		(NONE)		DG413A (GEN)		183
5962-9073103MXC	F	12/08/2016		(NONE)	05/18/2010	DG413A (GEN)		183
5962-9073201MPA	A	08/03/2010		(NONE)		602A (GEN)		801
5962-9073601HXA	B	10/20/2014	1	APEX		Y PA84M/883		719
5962-9073701MHA	F	04/06/2018		(NONE)		DG417 (GEN)		180
5962-9073701MPA	F	04/06/2018	1	MAXIM INTEG.		DG417AK/883B		180
5962-9073701MXC	F	04/06/2018		(NONE)	05/18/2010	DG417A (GEN)		180
5962-9073702MHA	F	04/06/2018		(NONE)		DG418 (GEN)		180
5962-9073702MPA	F	04/06/2018		(NONE)		DG418A (GEN)		180
5962-9073702MXC	F	04/06/2018		(NONE)	05/18/2010	DG418A (GEN)		180
5962-9073703MHA	F	04/06/2018		(NONE)		DG419 (GEN)		185
5962-9073703MPA	F	04/06/2018	1	MAXIM INTEG.		DG419AK/883B		185
5962-9073703MXC	F	04/06/2018		(NONE)	05/18/2010	DG419A (GEN)		185
5962-9073704MPA	F	04/06/2018		(NONE)	01/06/2017	DG417B (GEN)		180
5962-9073705MPA	F	04/06/2018		(NONE)	01/06/2017	DG418B (GEN)		180
5962-9073706MPA	F	04/06/2018		(NONE)	01/06/2017	DG419B (GEN)		185
5962-9073901MXA	D	08/21/2000		(NONE)		LT1083-5 (GEN)		782

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9073902MXA	D	08/21/2000		(NONE)	03/30/2001		LT1084-5 (GEN)	782
5962-9073903MXA	D	08/21/2000		(NONE)	03/30/2001		LT1085-5 (GEN)	782
5962-9073904MXA	D	08/21/2000		(NONE)	03/30/2001		LT1086-5 (GEN)	782
5962-9073905MXA	D	08/21/2000		(NONE)	03/30/2001		LT1084-12 (GEN)	782
5962-9073906MXA	D	08/21/2000		(NONE)	03/30/2001		LT1085-12 (GEN)	782
5962-9074101M2A	C	02/21/2013	1	TI		Y	SNJ54BCT2244FK	529
5962-9074101MRA	C	02/21/2013	1	TI		Y	SNJ54BCT2244J	529
5962-9074101MSA	C	02/21/2013		(NONE)	11/28/2015		54BCT2244 (GEN)	529
5962-9074201M2A	C	01/26/2017	3	TI		Y	SNJ54BCT240FK	529
5962-9074201MRA	C	01/26/2017	3	TI		Y	SNJ54BCT240J	529
5962-9074201MSA	C	01/26/2017	3	TI		Y	SNJ54BCT240W	529
5962-9074301M2A	B	04/19/2012		(NONE)	11/28/2015		54BCT241 (GEN)	529
5962-9074301MRA	B	04/19/2012		(NONE)	11/28/2015		54BCT241 (GEN)	529
5962-9074301MSA	B	04/19/2012		(NONE)	11/28/2015		54BCT241 (GEN)	529
5962-9074401M3A	C	02/14/2013	3	TI		Y	SNJ54BCT2827AFK	584
5962-9074401MKA	C	02/14/2013		(NONE)	11/28/2015		54BCT2827A (GEN)	584
5962-9074401MLA	C	02/14/2013	3	TI		Y	SNJ54BCT2827AJT	584
5962-9074501M3A	C	06/16/2015		(NONE)	05/01/1998		54BCT2828A (GEN)	584
5962-9074501MKA	C	06/16/2015		(NONE)	05/01/1998		54BCT2828A (GEN)	584
5962-9074501MLA	C	06/16/2015		(NONE)	05/01/1998		54BCT2828A (GEN)	584
5962-9074502Q3A	C	06/16/2015	1C	SRI		Y	GEM38202Q3A	584
5962-9074502Q3C	C	06/16/2015	1C	SRI		Y	GEM38202Q3C	584
5962-9074502QKA	C	06/16/2015	1C	SRI		Y	GEM38202QKA	584
5962-9074502QKC	C	06/16/2015	1C	SRI		Y	GEM38202QKC	584
5962-9074502QLA	C	06/16/2015	1C	SRI		Y	GEM38202QLA	584
5962-9074502QLC	C	06/16/2015	1C	SRI		Y	GEM38202QLC	584
5962-9074601M2A	C	02/14/2013	3	TI		Y	SNJ54BCT373FK	341
5962-9074601MRA	C	02/14/2013	3	TI		Y	SNJ54BCT373J	341
5962-9074601MSA	C	02/14/2013		(NONE)	11/28/2015		54BCT373 (GEN)	341
5962-9074701M2A	B	08/18/1995		(NONE)	09/15/1995		54BCT534 (GEN)	159
5962-9074701MRA	B	08/18/1995		(NONE)	09/15/1995		54BCT534 (GEN)	159
5962-9074701MSA	B	08/18/1995		(NONE)	09/15/1995		54BCT534 (GEN)	159
5962-9074801M2A	C	01/26/2017		(NONE)	11/28/2015		54BCT540 (GEN)	529
5962-9074801MRA	C	01/26/2017	3	TI		Y	SNJ54BCT540J	529
5962-9074801MSA	C	01/26/2017	3	TI		Y	SNJ54BCT540W	529
5962-9074901M2A	C	01/26/2017	3	TI		Y	SNJ54BCT541FK	529
5962-9074901MRA	C	01/26/2017	3	TI		Y	SNJ54BCT541J	529
5962-9074901MSA	C	01/26/2017		(NONE)	11/28/2015		54BCT541 (GEN)	529
5962-9075001M2A	C	02/23/2017	3	TI		Y	SNJ54BCT620AFK	590
5962-9075001MRA	C	02/23/2017	3	TI		Y	SNJ54BCT620AJ	590
5962-9075001MSA	C	02/23/2017		(NONE)	11/28/2015		54BCT620A (GEN)	590
5962-9075201M2A	C	02/23/2017	3	TI		Y	SNJ54BCT640FK	590
5962-9075201MRA	C	02/23/2017	3	TI		Y	SNJ54BCT640J	590
5962-9075201MSA	C	02/23/2017	3	TI		Y	SNJ54BCT640W	590
5962-9075401M3A	C	03/15/2018		(NONE)			7C331-40 (GEN)	431
5962-9075401MXA	C	03/15/2018		(NONE)			7C331-40 (GEN)	431
5962-9075401MYA	C	03/15/2018		(NONE)			7C331-40 (GEN)	431
5962-9075401MZA	C	03/15/2018		(NONE)			7C331-40 (GEN)	431
5962-9075402M3A	C	03/15/2018		(NONE)			7C331-30 (GEN)	431

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5962-9075402MXA	C	03/15/2018		(NONE)		7C331-30 (GEN)		431
5962-9075402MYA	C	03/15/2018		(NONE)		7C331-30 (GEN)		431
5962-9075402MZA	C	03/15/2018		(NONE)		7C331-30 (GEN)		431
5962-9075403M3A	C	03/15/2018		(NONE)		7C331-25 (GEN)		431
5962-9075403MXA	C	03/15/2018		(NONE)		7C331-25 (GEN)		431
5962-9075403MYA	C	03/15/2018		(NONE)		7C331-25 (GEN)		431
5962-9075403MZA	C	03/15/2018		(NONE)		7C331-25 (GEN)		431
5962-9075701MPA	B	06/01/2010		(NONE)	09/30/1995	35063 (GEN)		594
5962-9075801MEA	C	02/23/2017	1	TI		Y CD54HCT75F3A		340
5962-9076001HXA	C	12/09/2011	1	DDC		Y DSC-10510-143		594
5962-9076001HXC	C	12/09/2011	1	DDC		Y DSC-10510-113		594
5962-9076002HXA	C	12/09/2011	1	DDC		Y DSC-10510-144		594
5962-9076002HXC	C	12/09/2011	1	DDC		Y DSC-10510-114		594
5962-9076401MEA	B	03/19/2013		(NONE)	01/06/2017	DG541 (GEN)		183
5962-9076501M2A	F	02/08/2018	1	TI		Y DS96F172ME/883		569
5962-9076501MEA	F	02/08/2018	1	TI		Y DS96F172MJ/883		569
5962-9076501VEA	F	02/08/2018		(NONE)	12/03/2008	96F172 (GEN)		569
5962-9076501MFA	F	02/08/2018		(NONE)		96F172 (GEN)		569
5962-9076502M2A	F	02/08/2018	1	TI		Y DS96F174ME/883		569
5962-9076502MEA	F	02/08/2018	1	TI		Y DS96F174MJ/883		569
5962-9076502VEA	F	02/08/2018	1	TI		Y DS96F174MJ-QMLV		569
5962-9076502MFA	F	02/08/2018		(NONE)	12/01/2009	96F174 (GEN)		569
5962-9076503Q2A	F	02/08/2018	2	TI		Y SNJ55LBC172FK		569
5962-9076503QEA	F	02/08/2018	2	TI		Y SNJ55LBC172J		569
5962-9076503QFA	F	02/08/2018	2	TI		Y SNJ55LBC172W		569
5962-9076504Q2A	F	02/08/2018	2	TI		Y SNJ55LBC174FK		569
5962-9076504QEA	F	02/08/2018	2	TI		Y SNJ55LBC174J		569
5962-9076504QFA	F	02/08/2018	2	TI		Y SNJ55LBC174W		569
5962-9076601M2A	F	02/07/2019	1	TI		Y DS96F175ME/883		575
5962-9076601MEA	F	02/07/2019		(NONE)	12/01/2009	96F175 (GEN)		575
5962-9076601VEA	F	02/07/2019	1	TI		Y DS96F175MJ-QMLV		575
5962-9076601MFA	F	02/07/2019		(NONE)	12/03/2008	96F175 (GEN)		575
5962-9076602M2A	F	02/07/2019	1	TI		Y DS96F173ME/883		575
5962-9076602MEA	F	02/07/2019	1	TI		Y DS96F173MJ/883		575
5962-9076602VEA	F	02/07/2019		(NONE)	12/03/2008	96F173 (GEN)		575
5962-9076602MFA	F	02/07/2019		(NONE)	12/03/2008	96F173 (GEN)		575
5962-9076603Q2A	F	02/07/2019	3	TI		Y SNJ55LBC175FK		575
5962-9076603QEA	F	02/07/2019	3	TI		Y SNJ55LBC175J		575
5962-9076603QFA	F	02/07/2019	3	TI		Y SNJ55LBC175W		575
5962-9076604Q2A	F	02/07/2019	3	TI		Y SNJ55LBC173FK		575
5962-9076604QEA	F	02/07/2019	3	TI		Y SNJ55LBC173J		575
5962-9076604QFA	F	02/07/2019	3	TI		Y SNJ55LBC173W		575
5962-9077201Q2A	D	11/17/2011	2	TI		Y SNJ54ACT11FK		112
5962-9077201QCA	D	11/17/2011		(NONE)	11/28/2015	54ACT11 (GEN)		112
5962-9077201QDA	D	11/17/2011	2	TI		Y SNJ54ACT11W		112
5962-9077202QXA	D	11/17/2011		(NONE)		54ACT11 (GEN)		112
5962-9077202VXA	D	11/17/2011		(NONE)		54ACT11 (GEN)		112
5962F9077202QXA	D	11/17/2011	2	STMICRO		Y RHFACT11K02Q		112
5962F9077202QXC	D	11/17/2011	2	STMICRO		Y RHFACT11K01Q		112

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5962F9077202VXA	D	11/17/2011	2	STMICRO		Y RHFAC11K02V		112
5962F9077202VXC	D	11/17/2011	2	STMICRO		Y RHFAC11K01V		112
5962-9078001M3A	D	08/16/2018		(NONE)	11/28/2015	54AS821A (GEN)		599
5962-9078001MKA	D	08/16/2018		(NONE)	11/28/2015	54AS821A (GEN)		599
5962-9078001MLA	D	08/16/2018	3	TI		Y SNJ54AS821AJT		599
5962-9078002M3A	D	08/16/2018	1	ROCHESTER		54AS822/B3A		599
5962-9078002MKA	D	08/16/2018	1	ROCHESTER		54AS822/BKA		599
5962-9078002MLA	D	08/16/2018	1	ROCHESTER		54AS822/BLA		599
5962-9078003M3A	D	08/16/2018	3	TI		Y SNJ54AS825AFK		599
5962-9078003MKA	D	08/16/2018		(NONE)	11/28/2015	54AS825A (GEN)		599
5962-9078003MLA	D	08/16/2018		(NONE)	11/28/2015	54AS825A (GEN)		599
5962-9078004M3A	D	08/16/2018	1	ROCHESTER		54AS826/B3A		599
5962-9078004MKA	D	08/16/2018	1	ROCHESTER		54AS826/BKA		599
5962-9078004MLA	D	08/16/2018	1	ROCHESTER		54AS826/BLA		599
5962-9078101M2A	B	07/24/2006		(NONE)	06/01/1997	54F125 (GEN)		520
5962-9078101MCA	B	07/24/2006		(NONE)		54F125 (GEN)		520
5962-9078101MDA	B	07/24/2006		(NONE)	06/01/1997	54F125 (GEN)		520
5962-9078501MLA	B	12/15/2016	2	ANALOG (3)		Y AD7247ATQ/QML		591
5962-9078502MLA	B	12/15/2016	2	ANALOG (3)		Y AD7237ATQ/QML		591
5962-9079201MXA	A	04/08/2008		(NONE)	06/30/1996	SL521 (GEN)		800
5962-9079501HXA	C	06/16/2009		(NONE)	09/01/2000	HS9576S (GEN)		592
5962-9079502HXA	C	06/16/2009		(NONE)	09/01/2000	HS9576T (GEN)		592
5962-9079503HXA	C	06/16/2009		(NONE)	09/01/2000	HS9576S (GEN)		592
5962-9079504HXA	C	06/16/2009		(NONE)	09/01/2000	HS9576T (GEN)		592
5962-9079701HXA	A	04/10/2006		(NONE)		MN7140 (GEN)		433
5962-9079801MLA		04/21/1992		(NONE)		54FCT480 (GEN)		210
5962-9079802MLA		04/21/1992		(NONE)		54FCT480A (GEN)		210
5962-9079803MLA		04/21/1992		(NONE)		54FCT480 (GEN)		210
5962-9079901MQA	A	10/25/2013		(NONE)	06/30/1995	EP910-30 (GEN)		431
5962-9079902MQA	A	10/25/2013		(NONE)	06/30/1995	EP910-25 (GEN)		431
5962-9079903MQA	A	10/25/2013		(NONE)	06/30/1995	EP910-20 (GEN)		431
5962-9080001MEA	C	09/07/2018		E2V		Y DM54LS502J/883		249
5962-9080001MFA	C	09/07/2018		E2V		Y DM54LS502W/883		249
5962-9080301M3A	E	04/02/2018	1B	E2V		Y QP7C261-55LMB		660
5962-9080301M3A	E	04/02/2018	1	E2V		WS57C49C-55ZMB		660
5962-9080301M3C	E	04/02/2018	1	E2V		WS57C49C-55ZMB		660
5962-9080301MKA	E	04/02/2018	1B	E2V		Y QP7C261-55KMB		660
5962-9080301MKA	E	04/02/2018	1	E2V		WS57C49C-55HMB		660
5962-9080301MLA	E	04/02/2018	1B	E2V		Y QP7C261-55DMB		660
5962-9080301MLA	E	04/02/2018	1	E2V		WS57C49C-55KMB		660
5962-9080302M3A	E	04/02/2018	1B	E2V		Y QP7C261-45LMB		660
5962-9080302M3A	E	04/02/2018	1	E2V		WS57C49C-45ZMB		660
5962-9080302M3C	E	04/02/2018	1	E2V		WS57C49C-45ZMB		660
5962-9080302MKA	E	04/02/2018	1B	E2V		Y QP7C261-45KMB		660
5962-9080302MKA	E	04/02/2018	1	E2V		WS57C49C-45HMB		660
5962-9080302MLA	E	04/02/2018	1B	E2V		Y QP7C261-45DMB		660
5962-9080302MLA	E	04/02/2018	1	E2V		WS57C49C-45KMB		660
5962-9080303M3A	E	04/02/2018	1B	E2V		Y QP7C261-35LMB		660
5962-9080303M3A	E	04/02/2018	1	E2V		WS57C49C-35ZMB		660

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5962-9080303M3C	E	04/02/2018	1	E2V			WS57C49C-35ZMB	660
5962-9080303MKA	E	04/02/2018	1B	E2V		Y	QP7C261-35KMB	660
5962-9080303MKA	E	04/02/2018	1	E2V			WS57C49C-35HMB	660
5962-9080303MLA	E	04/02/2018	2	E2V		Y	CY7C261-35DMB	660
5962-9080303MLA	E	04/02/2018	1	E2V			WS57C49C-35KMB	660
5962-9080303MLA	E	04/02/2018	1B	E2V		Y	QP7C261-35DMB	660
5962-9080304M3A	E	04/02/2018	1B	E2V		Y	QP7C261-25LMB	660
5962-9080304M3A	E	04/02/2018	2	E2V		Y	CY7C261-25LMB	660
5962-9080304MKA	E	04/02/2018	1B	E2V		Y	QP7C261-25KMB	660
5962-9080304MKA	E	04/02/2018	2	E2V		Y	CY7C261-25KMB	660
5962-9080304MLA	E	04/02/2018	1B	E2V		Y	QP7C261-25DMB	660
5962-9080305M3A	E	04/02/2018	1B	E2V		Y	QP7C263-55LMB	660
5962-9080305M3A	E	04/02/2018	1	E2V			WS57C49C-55ZMB	660
5962-9080305M3C	E	04/02/2018	1	E2V			WS57C49C-55ZMB	660
5962-9080305MJA	E	04/02/2018	1B	E2V		Y	QP7C264-55DMB	660
5962-9080305MJA	E	04/02/2018	1	E2V			WS57C49C-55YMB	660
5962-9080305MKA	E	04/02/2018	1B	E2V		Y	QP7C263-55KMB	660
5962-9080305MKA	E	04/02/2018	1	E2V			WS57C49C-55HMB	660
5962-9080305MLA	E	04/02/2018	1B	E2V		Y	QP7C263-55DMB	660
5962-9080305MLA	E	04/02/2018	1	E2V			WS57C49C-55KMB	660
5962-9080306M3A	E	04/02/2018	1B	E2V		Y	QP7C263-45LMB	660
5962-9080306M3A	E	04/02/2018	1	E2V			WS57C49C-45ZMB	660
5962-9080306M3C	E	04/02/2018	1	E2V			WS57C49C-45ZMB	660
5962-9080306MJA	E	04/02/2018	1B	E2V		Y	QP7C264-45DMB	660
5962-9080306MJA	E	04/02/2018	1	E2V			WS57C49C-45YMB	660
5962-9080306MKA	E	04/02/2018	1B	E2V		Y	QP7C263-45KMB	660
5962-9080306MKA	E	04/02/2018	2	E2V		Y	CY7C263-45KMB	660
5962-9080306MKA	E	04/02/2018	1	E2V			WS57C49C-45HMB	660
5962-9080306MLA	E	04/02/2018	1B	E2V		Y	QP7C263-45DMB	660
5962-9080306MLA	E	04/02/2018	1	E2V			WS57C49C-45KMB	660
5962-9080307M3A	E	04/02/2018	1B	E2V		Y	QP7C263-35LMB	660
5962-9080307M3A	E	04/02/2018	1	E2V			WS57C49C-35ZMB	660
5962-9080307M3C	E	04/02/2018	1	E2V			WS57C49C-35ZMB	660
5962-9080307MJA	E	04/02/2018	1B	E2V		Y	QP7C264-35DMB	660
5962-9080307MJA	E	04/02/2018	1	E2V			WS57C49C-35YMB	660
5962-9080307MKA	E	04/02/2018	1B	E2V		Y	QP7C263-35KMB	660
5962-9080307MKA	E	04/02/2018	1	E2V			WS57C49C-35HMB	660
5962-9080307MLA	E	04/02/2018	1B	E2V		Y	QP7C263-35DMB	660
5962-9080307MLA	E	04/02/2018	1	E2V			WS57C49C-35KMB	660
5962-9080308M3A	E	04/02/2018	1B	E2V		Y	QP7C263-25LMB	660
5962-9080308M3A	E	04/02/2018	2	E2V		Y	CY7C263-25LMB	660
5962-9080308MJA	E	04/02/2018	1B	E2V		Y	QP7C264-25DMB	660
5962-9080308MJA	E	04/02/2018	2	E2V		Y	CY7C264-25DMB	660
5962-9080308MKA	E	04/02/2018	1B	E2V		Y	QP7C263-25KMB	660
5962-9080308MKA	E	04/02/2018	2	E2V		Y	CY7C263-25KMB	660
5962-9080308MLA	E	04/02/2018	1B	E2V		Y	QP7C263-25DMB	660
5962-9080308MLA	E	04/02/2018	2	E2V		Y	CY7C263-25DMB	660
5962-9080701M2A	F	11/02/2015	1	TI		Y	TLE2061MFKB	701
5962-9080701MGA	F	11/02/2015		(NONE)			TLE2061M (GEN)	701



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5962-9080701MHA	F	11/02/2015		(NONE)	11/28/2015		TLE2061M (GEN)	701
5962-9080701MPA	F	11/02/2015	1	TI		Y	TLE2061MJGB	701
5962-9080702Q2A	F	11/02/2015	1	TI		Y	TLE2061AMFKB	701
5962-9080702QHA	F	11/02/2015		(NONE)	11/28/2015		TLE2061AM (GEN)	701
5962-9080702QPA	F	11/02/2015	1	TI		Y	TLE2061AMJGB	701
5962-9080703QPA	F	11/02/2015	1	TI		Y	TLE2061BMJGB	701
5962-9080801M2A	E	01/11/2016		(NONE)	11/28/2015		TLE2062M (GEN)	710
5962-9080801MGA	E	01/11/2016		(NONE)			TLE2062M (GEN)	710
5962-9080801MHA	E	01/11/2016		(NONE)	11/28/2015		TLE2062M (GEN)	710
5962-9080801MPA	E	01/11/2016	1	TI		Y	TLE2062MJGB	710
5962-9080802Q2A	E	01/11/2016		(NONE)	11/28/2015		TLE2062AM (GEN)	710
5962-9080802QHA	E	01/11/2016		(NONE)	11/28/2015		TLE2062AM (GEN)	710
5962-9080802QPA	E	01/11/2016		(NONE)	11/28/2015		TLE2062AM (GEN)	710
5962-9080803QPA	E	01/11/2016	1	TI		Y	TLE2062BMJGB	710
5962-9080901M2A	G	09/10/2018	1	TI		Y	TLE2064MFKB	713
5962-9080901BCA	G	09/10/2018		(NONE)			TLE2064M (GEN)	713
5962-9080901MCA	G	09/10/2018	1	TI		Y	TLE2064MJB	713
5962-9080901MDA	G	09/10/2018		(NONE)	11/28/2015		TLE2064M (GEN)	713
5962-9080902M2A	G	09/10/2018	1	TI		Y	TLE2064AMFKB	713
5962-9080902MCA	G	09/10/2018		(NONE)	11/28/2015		TLE2064AM (GEN)	713
5962-9080902MDA	G	09/10/2018	1	TI		Y	TLE2064AMWB	713
5962-9080903Q2A	G	09/10/2018	1	TI		Y	TLE2064BMFKB	739
5962-9080903QCA	G	09/10/2018	1	TI		Y	TLE2064BMJB	739
5962-9081101MGC	G	09/20/2018		(NONE)	05/18/2010		MAX8211 (GEN)	899
5962-9081101MHA	G	09/20/2018		(NONE)			MAX8211 (GEN)	899
5962-9081101MPA	G	09/20/2018	1	MAXIM INTEG.			MAX8211MJA/883B	899
5962-9081101MXC	G	09/20/2018		(NONE)	05/18/2010		MAX8211 (GEN)	899
5962-9081102MGC	G	09/20/2018		(NONE)	05/18/2010		MAX8212 (GEN)	899
5962-9081102MHA	G	09/20/2018		(NONE)			MAX8212 (GEN)	899
5962-9081102MPA	G	09/20/2018		(NONE)	07/10/2015		MAX8212 (GEN)	899
5962-9081102MXC	G	09/20/2018		(NONE)	05/18/2010		MAX8212 (GEN)	899
5962-9081201MGA	D	03/13/2003		(NONE)	12/02/2003		LM6121 (GEN)	899
5962-9081201MPA	D	03/13/2003		(NONE)	12/02/2003		LM6121 (GEN)	899
5962-9081301MXA	C	07/17/2007		(NONE)	05/31/1994		55563A (GEN)	599
5962-9081302MXA	C	07/17/2007		(NONE)	05/31/1994		55564A (GEN)	599
5962-9081501MGA	B	11/13/2001		(NONE)	03/04/2003		LM6125 (GEN)	899
5962-9081701MGA	D	12/12/2013		(NONE)			LT1057A (GEN)	710
5962-9081701MPA	D	12/12/2013	1	MICROSS		Y	MTLT1057AQD8	710
5962-9081701MXA	D	12/12/2013	1	MICROSS		Y	MTLT1057AQH	710
5962-9081702MGA	D	12/12/2013		(NONE)			LT1057 (GEN)	710
5962-9081702MPA	D	12/12/2013	1	MICROSS		Y	MTLT1057QD8	710
5962-9081702MXA	D	12/12/2013	1	MICROSS		Y	MTLT1057QH	710
5962-9081801M2A	B	07/15/2010		(NONE)			EL2030 (GEN)	899
5962-9081801MCA	B	07/15/2010		(NONE)			EL2030 (GEN)	899
5962-9081802MPA	B	07/15/2010		(NONE)	09/09/1999		LM6181 (GEN)	899
5962-9082001HXA	J	02/06/2013	1	DDC		Y	SD-14531-145	594
5962-9082001HXC	J	02/06/2013	1	DDC		Y	SD-14531-115	594
5962-9082002HXA	J	02/06/2013		(NONE)			SDC14531-631 (GEN)	594
5962-9082002HXC	J	02/06/2013		(NONE)			SDC14531-631 (GEN)	594

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5962-9082003HXC	J	02/06/2013		(NONE)			1006148 (GEN)	594
5962-9082004HXC	J	02/06/2013		(NONE)			1006148A (GEN)	594
5962-9082005HXC	J	02/06/2013		(NONE)			1056775 (GEN)	594
5962-9082006HXA	J	02/06/2013	1	DDC		Y	SD-14531D1-144	594
5962-9082006HXC	J	02/06/2013	1	DDC		Y	SD-14531D1-114	594
5962-9082007HXA	J	02/06/2013	1	DDC		Y	SD-14531D1-142	594
5962-9082007HXC	J	02/06/2013	1	DDC		Y	SD-14531D1-112	594
5962-9082501MYA	C	08/29/2000		(NONE)			LT1070 (GEN)	786
5962-9082502MYA	C	08/29/2000		(NONE)			LT1071 (GEN)	786
5962-9082503MPA	C	08/29/2000		(NONE)	03/30/2001		LT1072 (GEN)	786
5962-9082503MYA	C	08/29/2000		(NONE)			LT1072 (GEN)	786
5962-9082504MYA	C	08/29/2000		(NONE)			LT1070HV (GEN)	786
5962-9082505MYA	C	08/29/2000		(NONE)			LT1071HV (GEN)	786
5962-9082506MYA	C	08/29/2000		(NONE)			LT1072HV (GEN)	786
5962-9082801HXA	F	06/21/2018	1	APEX		Y	PA10M/883	724
5962-9082801HXA	F	06/21/2018	1	MICROPAC		Y	MIOP42115/883	724
5962-9082801HXC	F	06/21/2018	1	MICROPAC		Y	MIOP42115/883	724
5962-9082901HTA	D	02/19/2015	1	API		Y	FC155371FP	590
5962-9082901HTC	D	02/19/2015	1	API		Y	FC155371FP	590
5962-9082901HXA	D	02/19/2015	1	API		Y	FC155371	590
5962-9082901HXC	D	02/19/2015	1	API		Y	FC155371	590
5962-9082901HYA	D	02/19/2015	1	API		Y	FC155371SSW	590
5962-9082901HYC	D	02/19/2015	1	API		Y	FC155371SSW	590
5962-9082902HXA	D	02/19/2015	1	API		Y	FC155372	590
5962-9082902HXC	D	02/19/2015	1	API		Y	FC155372	590
5962-9082903HUA	D	02/19/2015	1	AEROFLEX		Y	ARX3420	590
5962-9082903HUC	D	02/19/2015	1	AEROFLEX		Y	ARX3420	590
5962-9082904HUA	D	02/19/2015	1	AEROFLEX		Y	ARX3424	590
5962-9082904HUC	D	02/19/2015	1	AEROFLEX		Y	ARX3424	590
5962-9082905HTA	D	02/19/2015		(NONE)			NHI-1531 (GEN)	590
5962-9082905HYA	D	02/19/2015		(NONE)			NHI-1531 (GEN)	590
5962-9082906HTA	D	02/19/2015		(NONE)			NHI-1545 (GEN)	590
5962-9082906HYA	D	02/19/2015		(NONE)			NHI-1545 (GEN)	590
5962-9082907HTA	D	02/19/2015		(NONE)			CT1589M (GEN)	590
5962-9082907HXA	D	02/19/2015		(NONE)			CT1589M (GEN)	590
5962-9082907HYA	D	02/19/2015		(NONE)			CT1589M (GEN)	590
5962-9082908HTA	D	02/19/2015		(NONE)			CT1589MI (GEN)	590
5962-9082908HXA	D	02/19/2015		(NONE)			CT1589MI (GEN)	590
5962-9082908HYA	D	02/19/2015		(NONE)			CT1589MIP (GEN)	590
5962-9083101M3A	B	07/22/2015		(NONE)			7C269-60 (GEN)	660
5962-9083101MXA	B	07/22/2015		(NONE)			7C269-60 (GEN)	660
5962-9083101MYA	B	07/22/2015		(NONE)			7C269-60 (GEN)	660
5962-9083102M3A	B	07/22/2015		(NONE)			7C269-50 (GEN)	660
5962-9083102MXA	B	07/22/2015		(NONE)			7C269-50 (GEN)	660
5962-9083102MYA	B	07/22/2015		(NONE)			7C269-50 (GEN)	660
5962-9083103M3A	B	07/22/2015		(NONE)			7C269-25 (GEN)	660
5962-9083103MXA	B	07/22/2015		(NONE)			7C269-25 (GEN)	660
5962-9083103MYA	B	07/22/2015		(NONE)			7C269-25 (GEN)	660
5962-9083104M3A	B	07/22/2015		(NONE)			7C269-18 (GEN)	660

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5962-9083104MXA	B	07/22/2015		(NONE)			7C269-18 (GEN)	660
5962-9083104MYA	B	07/22/2015		(NONE)			7C269-18 (GEN)	660
5962-9083301HXA		07/02/1991		(NONE)			CLC201A (GEN)	755
5962-9083501HXA	D	06/03/2003		(NONE)	09/27/2002		CLC205A (GEN)	755
5962-9083601HXA		09/18/1991		(NONE)			CLC221A (GEN)	755
5962-9083801HXA	F	04/02/2015		(NONE)			MSK2541-1B (GEN)	710
5962-9083801HXC	F	04/02/2015	1	ANAREN		Y	MSK2541-1B	710
5962-9083801HYA	F	04/02/2015		(NONE)	12/31/2006		OM2541S (GEN)	710
5962-9083802HXA	F	04/02/2015		(NONE)	12/31/2006		OM2541S (GEN)	710
5962-9083803HXC	F	04/02/2015	1	ANAREN		Y	MSK2541B	710
5962-9084101MCA	D	03/23/2015	1	MICROSS		Y	MTLT1020QD	789
5962-9084201MGA	D	10/07/2014	1	MICROSS		Y	MTLT1012QH	701
5962-9084201MPA	D	10/07/2014	1	MICROSS		Y	MTLT1012QD8	701
5962-9084202MGA	D	10/07/2014	1	MICROSS		Y	MTLT1012AQH	701
5962-9084202MPA	D	10/07/2014	1	MICROSS		Y	MTLT1012AQD8	701
5962-9084501M2A	B	03/03/2003		(NONE)	09/15/1995		TLC548 (GEN)	592
5962-9084501MPA	B	03/03/2003		(NONE)	09/15/1995		TLC548 (GEN)	592
5962-9084502M2A	B	03/03/2003		(NONE)	09/15/1995		TLC549 (GEN)	592
5962-9084502MPA	B	03/03/2003		(NONE)	09/15/1995		TLC549 (GEN)	592
5962-9084701MMA	H	06/13/2017		(NONE)			MT4C4001-12 (GEN)	629
5962-9084701MNA	H	06/13/2017		(NONE)			MT4C4001-12 (GEN)	629
5962-9084701MRA	H	06/13/2017	2	MICROSS		Y	MT4C4001JCN-12	629
5962-9084701MTA	H	06/13/2017	2	MICROSS		Y	MT4C4001JECN-12	629
5962-9084701MUA	H	06/13/2017	2	MICROSS		Y	MT4C4001JC-12	629
5962-9084701MUA	H	06/13/2017	2	MICROSS		Y	SMJ44400-12JDM	629
5962-9084701MXA	H	06/13/2017	2	MICROSS		Y	SMJ44400-12HRM	629
5962-9084701MYA	H	06/13/2017		(NONE)			MT4C4001-12 (GEN)	629
5962-9084701MZA	H	06/13/2017		(NONE)				629
5962-9084702MMA	H	06/13/2017		(NONE)			MT4C4001-10 (GEN)	629
5962-9084702MNA	H	06/13/2017		(NONE)			MT4C4001-10 (GEN)	629
5962-9084702MRA	H	06/13/2017	2	MICROSS		Y	MT4C4001JCN-10	629
5962-9084702MTA	H	06/13/2017	2	MICROSS		Y	MT4C4001JECN-10	629
5962-9084702MUA	H	06/13/2017	2	MICROSS		Y	MT4C4001JC-10	629
5962-9084702MUA	H	06/13/2017	2	MICROSS		Y	SMJ44400-10JDM	629
5962-9084702MXA	H	06/13/2017	2	MICROSS		Y	SMJ44400-10HRM	629
5962-9084702MYA	H	06/13/2017		(NONE)			MT4C4001-10 (GEN)	629
5962-9084702MZA	H	06/13/2017		(NONE)				629
5962-9084703MMA	H	06/13/2017		(NONE)			MT4C4001-8 (GEN)	629
5962-9084703MNA	H	06/13/2017		(NONE)			MT4C4001-8 (GEN)	629
5962-9084703MRA	H	06/13/2017	2	MICROSS		Y	MT4C4001JCN-8	629
5962-9084703MTA	H	06/13/2017	2	MICROSS		Y	MT4C4001JECN-8	629
5962-9084703MUA	H	06/13/2017	2	MICROSS		Y	SMJ44400-80JDM	629
5962-9084703MUA	H	06/13/2017	2	MICROSS		Y	MT4C4001JC-8	629
5962-9084703MXA	H	06/13/2017	2	MICROSS		Y	SMJ44400-80HRM	629
5962-9084703MYA	H	06/13/2017		(NONE)			MT4C4001-8 (GEN)	629
5962-9084703MZA	H	06/13/2017		(NONE)				629
5962-9084801MEA	C	02/23/2017	1	TI		Y	CD54HCT193F3A	304
5962-9084901MCA		04/24/1991		(NONE)			54HCT107 (GEN)	156
5962-9085401HPA	K	07/10/2017	1	AVAGO		Y	HCPL-5501#200	460

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5962-9085401HPC	K	07/10/2017	1	AVAGO		Y	HCPL-5501	460
5962-9085401KPA	K	07/10/2017	1	AVAGO		Y	HCPL-550K#200	460
5962-9085401KPC	K	07/10/2017	1	AVAGO		Y	HCPL-550K	460
5962-9085401HXA	K	07/10/2017	1	AVAGO		Y	HCPL-5501#300	460
5962-9085401KXA	K	07/10/2017	1	AVAGO		Y	HCPL-550K#300	460
5962-9085401HYA	K	07/10/2017	1	AVAGO		Y	HCPL-5501#100	460
5962-9085401HYC	K	07/10/2017	1	AVAGO		Y	HCPL-5501#100	460
5962-9085401KYA	K	07/10/2017	1	AVAGO		Y	HCPL-550K#100	460
5962-9085401KYC	K	07/10/2017	1	AVAGO		Y	HCPL-550K#100	460
5962-9085501HPA	F	07/11/2017	1	AVAGO		Y	HCPL-5601#200	460
5962-9085501HPC	F	07/11/2017	1	AVAGO		Y	HCPL-5601	460
5962-9085501KPA	F	07/11/2017	1	AVAGO		Y	HCPL-560K#200	460
5962-9085501KPC	F	07/11/2017	1	AVAGO		Y	HCPL-560K	460
5962-9085501HXA	F	07/11/2017	1	AVAGO		Y	HCPL-5601#300	460
5962-9085501KXA	F	07/11/2017	1	AVAGO		Y	HCPL-560K#300	460
5962-9085501HYA	F	07/11/2017	1	AVAGO		Y	HCPL-5601#100	460
5962-9085501HYC	F	07/11/2017	1	AVAGO		Y	HCPL-5601#100	460
5962-9085501KYA	F	07/11/2017	1	AVAGO		Y	HCPL-560K#100	460
5962-9085501KYC	F	07/11/2017	1	AVAGO		Y	HCPL-560K#100	460
5962-9085801MQA	B	02/16/2018		(NONE)				625
5962-9085802MQA	B	02/16/2018		(NONE)				625
5962-9085803MQA	B	02/16/2018		(NONE)				625
5962-9085804MQA	B	02/16/2018		(NONE)				625
5962-9085805MQA	B	02/16/2018		(NONE)				625
5962-9085806MQA	B	02/16/2018		(NONE)				625
5962-9085807MQA	B	02/16/2018		(NONE)				625
5962-9085808MQA	B	02/16/2018		(NONE)				625
5962-9086101Q2A	B	06/14/2010		(NONE)	09/15/1995		TL031 (GEN)	703
5962-9086101QPA	B	06/14/2010		(NONE)	09/15/1995		TL031 (GEN)	703
5962-9086102Q2A	B	06/14/2010		(NONE)	05/01/1998		TL032 (GEN)	703
5962-9086102QPA	B	06/14/2010		(NONE)	05/01/1998		TL032 (GEN)	703
5962-9086103Q2A	B	06/14/2010		(NONE)	05/01/1998		TL034 (GEN)	703
5962-9086103QCA	B	06/14/2010		(NONE)	05/01/1998		TL034 (GEN)	703
5962-9086201MGA	A	08/16/2011		(NONE)			LM759 (GEN)	724
5962-9086301M3A	C	05/07/2002		(NONE)	09/15/1995		TLC32040 (GEN)	899
5962-9086301MXA	C	05/07/2002		(NONE)	09/15/1995		TLC32040 (GEN)	899
5962-9086302M3A	C	05/07/2002		(NONE)	05/01/2003		TLC32044 (GEN)	899
5962-9086302MXA	C	05/07/2002		(NONE)	05/01/2003		TLC32044 (GEN)	899
5962-9086303M3A	C	05/07/2002		(NONE)	10/31/2002		TLC32046M (GEN)	899
5962-9086303MXA	C	05/07/2002		(NONE)	10/31/2002		TLC32046M (GEN)	899
5962-9086401MUA	A	10/25/1993		(NONE)	06/29/2001		68C901-4 (GEN)	429
5962-9086401MXA	A	10/25/1993		(NONE)	06/29/2001		68C901-4 (GEN)	429
5962-9086401MYA	A	10/25/1993		(NONE)	06/29/2001		68C901-4 (GEN)	429
5962-9086401MZA	A	10/25/1993		(NONE)	06/29/2001		68C901-4 (GEN)	429
5962-9086402MUA	A	10/25/1993		(NONE)	06/29/2001		68C901-5 (GEN)	429
5962-9086402MXA	A	10/25/1993		(NONE)	06/29/2001		68C901-5 (GEN)	429
5962-9086402MYA	A	10/25/1993		(NONE)	06/29/2001		68C901-5 (GEN)	429
5962-9086402MZA	A	10/25/1993		(NONE)	06/29/2001		68C901-5 (GEN)	429
5962-9086403MUA	A	10/25/1993		(NONE)	06/29/2001		68C901-8 (GEN)	429

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5962-9086403MXA	A	10/25/1993		(NONE)	06/29/2001	68C901-8 (GEN)		429
5962-9086403MYA	A	10/25/1993		(NONE)	06/29/2001	68C901-8 (GEN)		429
5962-9086403MZA	A	10/25/1993		(NONE)	06/29/2001	68C901-8 (GEN)		429
5962-9086801MPA	D	04/08/2008		(NONE)		AD9617S (GEN)		701
5962-9086801MXC	D	04/08/2008		(NONE)		AD9617S (GEN)		701
5962-9086802MPA	D	04/08/2008		(NONE)		AD9617T (GEN)		701
5962-9086802MXC	D	04/08/2008		(NONE)		AD9617T (GEN)		701
5962-9086803MPA	D	04/08/2008		(NONE)		AD9618S (GEN)		701
5962-9086803MXC	D	04/08/2008		(NONE)		AD9618S (GEN)		701
5962-9086804MPA	D	04/08/2008		(NONE)		AD9618T (GEN)		701
5962-9086804MXC	D	04/08/2008		(NONE)		AD9618T (GEN)		701
5962-9086901MUC	D	11/20/2015		(NONE)	03/31/2001	28C512-25 (GEN)		662
5962-9086901MXA	D	11/20/2015		(NONE)	12/17/2009	28C512 (GEN)		662
5962-9086901MYA	D	11/20/2015		(NONE)	12/17/2009	28C512 (GEN)		662
5962-9086901MZC	D	11/20/2015		(NONE)	03/31/2001	28C512-25 (GEN)		662
5962-9086902MUC	D	11/20/2015		(NONE)	03/31/2001	28C512-25 (GEN)		662
5962-9086902MXA	D	11/20/2015		(NONE)	12/15/1999	28C512-25 (GEN)		662
5962-9086902MYA	D	11/20/2015		(NONE)	12/17/2009	28C512 (GEN)		662
5962-9086902MZC	D	11/20/2015		(NONE)	03/31/2001	28C512-25 (GEN)		662
5962-9086903MUC	D	11/20/2015		(NONE)		28C512-20 (GEN)		662
5962-9086903MXA	D	11/20/2015		(NONE)	12/30/2009	28C512 (GEN)		662
5962-9086903MYA	D	11/20/2015		(NONE)	03/31/2001	28C512-20 (GEN)		662
5962-9086903MZC	D	11/20/2015		(NONE)	03/31/2001	28C512-20 (GEN)		662
5962-9086904MUC	D	11/20/2015		(NONE)	03/31/2001	28C512-20 (GEN)		662
5962-9086904MXA	D	11/20/2015		(NONE)	12/15/1999	28C512-20 (GEN)		662
5962-9086904MYA	D	11/20/2015		(NONE)	03/31/2001	28C512-20 (GEN)		662
5962-9086904MZC	D	11/20/2015		(NONE)	03/31/2001	28C512-20 (GEN)		662
5962-9086905MUC	D	11/20/2015		(NONE)	03/31/2001	28C512-15 (GEN)		662
5962-9086905MXA	D	11/20/2015		(NONE)	12/17/2009	28C512 (GEN)		662
5962-9086905MYA	D	11/20/2015		(NONE)	03/31/2001	28C512-15 (GEN)		662
5962-9086905MZC	D	11/20/2015		(NONE)	03/31/2001	28C512-15 (GEN)		662
5962-9086906MUC	D	11/20/2015		(NONE)	03/31/2001	28C512-15 (GEN)		662
5962-9086906MXA	D	11/20/2015		(NONE)	12/17/2009	28C512 (GEN)		662
5962-9086906MYA	D	11/20/2015		(NONE)	12/17/2009	28C512 (GEN)		662
5962-9086906MZC	D	11/20/2015		(NONE)	03/31/2001	28C512-15 (GEN)		662
5962-9086907MUC	D	11/20/2015		(NONE)	03/31/2001	28C512-12 (GEN)		662
5962-9086907MXA	D	11/20/2015		(NONE)	12/17/2009	28C512 (GEN)		662
5962-9086907MYA	D	11/20/2015		(NONE)	03/31/2001	28C512-12 (GEN)		662
5962-9086907MZC	D	11/20/2015		(NONE)	03/31/2001	28C512-12 (GEN)		662
5962-9086908MUC	D	11/20/2015		(NONE)	03/31/2001	28C512-12 (GEN)		662
5962-9086908MXA	D	11/20/2015		(NONE)	03/31/2001	28C512-12 (GEN)		662
5962-9086908MYA	D	11/20/2015		(NONE)	12/17/2009	28C512 (GEN)		662
5962-9086908MZC	D	11/20/2015		(NONE)	03/31/2001	28C512-12 (GEN)		662
5962-9086909MYA	D	11/20/2015		(NONE)	03/31/2001	28C513-25 (GEN)		662
5962-9086910MYA	D	11/20/2015		(NONE)	03/31/2001	28C513-25 (GEN)		662
5962-9086911MYA	D	11/20/2015		(NONE)	03/31/2001	28C513-20 (GEN)		662
5962-9086912MYA	D	11/20/2015		(NONE)	03/31/2001	28C513-20 (GEN)		662
5962-9086913MYA	D	11/20/2015		(NONE)	03/31/2001	28C513-15 (GEN)		662
5962-9086914MYA	D	11/20/2015		(NONE)	03/31/2001	28C513-15 (GEN)		662

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5962-9086915MYA	D	11/20/2015		(NONE)			28C513-12 (GEN)	662
5962-9086916MYA	D	11/20/2015		(NONE)	03/31/2001		28C513-12 (GEN)	662
5962-9087001M3A	C	03/28/2017	3	TI		Y	SNJ54BCT543FK	590
5962-9087001MKA	C	03/28/2017	3	TI	09/26/2018	Y	SNJ54BCT543W	590
5962-9087001MLA	C	03/28/2017	3	TI	09/26/2018	Y	SNJ54BCT543JT	590
5962-9087801MCA	A	03/16/2009		(NONE)			AH5010J (GEN)	183
5962-9087901MVA	B	06/14/2010		(NONE)	09/01/1997		5521 (GEN)	899
5962-9088001MEA	A	08/10/2007		(NONE)			AH5012 (GEN)	183
5962-9088101M2A	F	09/17/2018	1	TI		Y	TLE2021MFKB	702
5962-9088101MGA	F	09/17/2018		(NONE)			TLE2021 (GEN)	702
5962-9088101MPA	F	09/17/2018	1	TI		Y	TLE2021MJGB	702
5962-9088102M2A	F	09/17/2018	1	TI		Y	TLE2022MFKB	710
5962-9088102MGA	F	09/17/2018		(NONE)			TLE2022 (GEN)	710
5962-9088102BPA	F	09/17/2018		(NONE)			TLE2022 (GEN)	710
5962-9088102MPA	F	09/17/2018	1	TI		Y	TLE2022MJGB	710
5962-9088103M2A	F	09/17/2018	1	TI		Y	TLE2024MFKB	713
5962-9088103BCA	F	09/17/2018		(NONE)			TLE2024 (GEN)	713
5962-9088103MCA	F	09/17/2018	1	TI		Y	TLE2024MJB	713
5962-9088104Q2A	F	09/17/2018	1	TI		Y	TLE2021AMFKB	702
5962-9088104QPA	F	09/17/2018	1	TI		Y	TLE2021AMJGB	702
5962-9088105Q2A	F	09/17/2018	1	TI		Y	TLE2022AMFKB	710
5962-9088105QPA	F	09/17/2018	1	TI		Y	TLE2022AMJGB	710
5962-9088106Q2A	F	09/17/2018	1	TI		Y	TLE2024AMFKB	713
5962-9088106QCA	F	09/17/2018	1	TI		Y	TLE2024AMJB	713
5962-9088107Q2A	F	09/17/2018	1	TI		Y	TLE2021BMFKB	702
5962-9088107QPA	F	09/17/2018	1	TI		Y	TLE2021BMJGB	702
5962-9088108Q2A	F	09/17/2018	1	TI		Y	TLE2022BMFKB	710
5962-9088108QPA	F	09/17/2018	1	TI		Y	TLE2022BMJGB	710
5962-9088109Q2A	F	09/17/2018	1	TI		Y	TLE2024BMFKB	713
5962-9088109QCA	F	09/17/2018	1	TI		Y	TLE2024BMJB	713
5962-9088201M2A	E	08/23/2017	3	TI		Y	TLC2201MFKB	700
5962-9088201MGA	E	08/23/2017		(NONE)			TLC2201M (GEN)	700
5962-9088201MPA	E	08/23/2017	3	TI		Y	TLC2201MJGB	700
5962-9088202M2A	E	08/23/2017	3	TI		Y	TLC2202MFKB	710
5962-9088202MGA	E	08/23/2017		(NONE)			TLC2202M (GEN)	710
5962-9088202MPA	E	08/23/2017	3	TI		Y	TLC2202MJGB	710
5962-9088203Q2A	E	08/23/2017		(NONE)	11/28/2015		TLC2201AM (GEN)	710
5962-9088203V2A	E	08/23/2017	3	TI		Y	TLC2201AMFKB-QMLV	710
5962-9088203QPA	E	08/23/2017	3	TI		Y	TLC2201AMJGB	710
5962-9088204Q2A	E	08/23/2017	3	TI		Y	TLC2202AMFKB	710
5962-9088204QPA	E	08/23/2017	3	TI		Y	TLC2202AMJGB	710
5962-9088301QEA	D	10/03/2011		(NONE)			LM2940-8 (GEN)	782
5962-9088301MYA	D	10/03/2011		(NONE)	09/09/1999		LM2940-8 (GEN)	782
5962-9088401QEA	H	05/02/2008		(NONE)	12/03/2008		LM2940-12 (GEN)	782
5962-9088401MMA	H	05/02/2008		(NONE)			LM2940-12 (GEN)	782
5962-9088401MNA	H	05/02/2008		(NONE)			LM2940-12 (GEN)	782
5962-9088401MUA	H	05/02/2008		(NONE)			LM2940-12 (GEN)	782
5962-9088401QXA	H	05/02/2008		(NONE)	12/03/2008		LM2940-12 (GEN)	782
5962-9088401MYA	H	05/02/2008		(NONE)	09/09/1999		LM2940-12 (GEN)	782



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5962-9088501QEA	G	04/15/2009		(NONE)	12/03/2008		LM2940-15 (GEN)	782
5962-9088501MMA	G	04/15/2009		(NONE)			OM2940-15 (GEN)	782
5962-9088501MNA	G	04/15/2009		(NONE)			LM2940-15 (GEN)	782
5962-9088501MUA	G	04/15/2009		(NONE)			LM2940-15 (GEN)	782
5962-9088501QXA	G	04/15/2009		(NONE)	12/03/2008		LM2940-15 (GEN)	782
5962-9088501MYA	G	04/15/2009		(NONE)	12/07/1999		LM2940-15 (GEN)	782
5962-9088801M2A		05/21/1993		(NONE)			HD-6409 (GEN)	441
5962-9088801MRA		05/21/1993		RENESAS		Y	HD1-6409/883	441
5962-9088901M2A	D	05/27/2014	2	TI		Y	SNJ54BCT126AFK	520
5962-9088901MCA	D	05/27/2014	2	TI		Y	SNJ54BCT126AJ	520
5962-9088901MDA	D	05/27/2014	2	TI		Y	SNJ54BCT126AW	520
5962-9089101M2A	A	01/29/2002		(NONE)			DG601A (GEN)	183
5962-9089101MEA	A	01/29/2002		(NONE)			DG601A (GEN)	183
5962-9089401MEA	B	11/15/2006		(NONE)	05/14/2011		AD526 (GEN)	751
5962-9089501M2A	F	10/03/2011		(NONE)	11/28/2015		TLC2652M (GEN)	701
5962-9089501MCA	F	10/03/2011		(NONE)	11/28/2015		TLC2652M (GEN)	701
5962-9089501MGA	F	10/03/2011		(NONE)			TLC2652M (GEN)	701
5962-9089501BPA	F	10/03/2011		(NONE)			TLC2652M (GEN)	701
5962-9089501MPA	F	10/03/2011	3	TI		Y	TLC2652MJGB	701
5962-9089502M2A	F	10/03/2011		(NONE)	11/28/2015		TLC2654M (GEN)	701
5962-9089502MCA	F	10/03/2011		(NONE)	11/28/2015		TLC2654M (GEN)	701
5962-9089502MGA	F	10/03/2011		(NONE)			TLC2654M (GEN)	701
5962-9089502BPA	F	10/03/2011		(NONE)			TLC2654M (GEN)	701
5962-9089502MPA	F	10/03/2011		(NONE)			TLC2654M (GEN)	701
5962-9089503M2A	F	10/03/2011		(NONE)	11/28/2015		TLC2652AM (GEN)	701
5962-9089503MCA	F	10/03/2011	3	TI		Y	TLC2652AMJB	701
5962-9089503MGA	F	10/03/2011		(NONE)			TLC2652AM (GEN)	701
5962-9089503MPA	F	10/03/2011	3	TI		Y	TLC2652AMJGB	701
5962-9089504Q2A	F	10/03/2011	3	TI		Y	TLC2654AMFKB	701
5962-9089504QCA	F	10/03/2011		(NONE)	11/28/2015		TLC2654AM (GEN)	701
5962-9089504QPA	F	10/03/2011	1	TI		Y	TLC2654AMJGB	701
5962-9089601M2A	G	05/12/2016	2	TI		Y	TLE2027MFKB	701
5962-9089601MGA	G	05/12/2016		(NONE)			TLE2027M (GEN)	701
5962-9089601BPA	G	05/12/2016		(NONE)			TLE2027M (GEN)	701
5962-9089601MPA	G	05/12/2016	2	TI		Y	TLE2027MJGB	701
5962-9089602M2A	G	05/12/2016		(NONE)	06/30/2000		TLE2037M (GEN)	701
5962-9089602MGA	G	05/12/2016		(NONE)			TLE2037M (GEN)	701
5962-9089602MPA	G	05/12/2016		(NONE)	06/30/2000		TLE2037M (GEN)	701
5962-9089603Q2A	G	05/12/2016	2	TI		Y	TLE2027AMFKB	701
5962-9089603QPA	G	05/12/2016	2	TI		Y	TLE2027AMJGB	701
5962-9089604QPA	G	05/12/2016		(NONE)	06/30/2000		TLE2037AM (GEN)	701
5962-9089901MTA	E	07/27/2015		(NONE)	04/15/1996		28F010 (GEN)	669
5962-9089901MUA	E	07/27/2015		(NONE)	12/24/1997		28F010 (GEN)	669
5962-9089901QUA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-25HKM	669
5962-9089901MXA	E	07/27/2015		(NONE)	12/24/1997		28F010 (GEN)	669
5962-9089901QXA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-25JDDM	669
5962-9089901MYA	E	07/27/2015		(NONE)	12/24/1997		28F010 (GEN)	669
5962-9089901QYA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-25FEM	669
5962-9089901MZA	E	07/27/2015		(NONE)			28F010 (GEN)	669

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5962-9089902MTA	E	07/27/2015		(NONE)	04/15/1996		28F010 (GEN)	669
5962-9089902MUA	E	07/27/2015		(NONE)	12/24/1997		28F010 (GEN)	669
5962-9089902QUA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-20HKM	669
5962-9089902MXA	E	07/27/2015		(NONE)	12/24/1997		28F010 (GEN)	669
5962-9089902QXA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-20JDDM	669
5962-9089902MYA	E	07/27/2015		(NONE)	12/24/1997		28F010 (GEN)	669
5962-9089902QYA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-20FEM	669
5962-9089902MZA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089903MTA	E	07/27/2015		(NONE)	04/15/1996		28F010 (GEN)	669
5962-9089903MUA	E	07/27/2015		(NONE)	12/24/1997		28F010 (GEN)	669
5962-9089903QUA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-15HKM	669
5962-9089903MXA	E	07/27/2015		(NONE)	12/24/1997		28F010 (GEN)	669
5962-9089903QXA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-15JDDM	669
5962-9089903MYA	E	07/27/2015		(NONE)	12/24/1997		28F010 (GEN)	669
5962-9089903QYA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-15FEM	669
5962-9089903MZA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089904MTA	E	07/27/2015		(NONE)	04/15/1996		28F010 (GEN)	669
5962-9089904MUA	E	07/27/2015		(NONE)	12/24/1997		28F010 (GEN)	669
5962-9089904QUA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-12HKM	669
5962-9089904MXA	E	07/27/2015		(NONE)	12/24/1997		28F010 (GEN)	669
5962-9089904QXA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-12JDDM	669
5962-9089904MYA	E	07/27/2015		(NONE)	12/24/1997		28F010 (GEN)	669
5962-9089904QYA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-12FEM	669
5962-9089904MZA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089905MTA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089905MUA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089905QUA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-25HKM	669
5962-9089905MXA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089905QXA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-25JDDM	669
5962-9089905MYA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089905QYA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-25FEM	669
5962-9089905MZA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089906MTA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089906MUA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089906QUA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-20HKM	669
5962-9089906MXA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089906QXA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-20JDDM	669
5962-9089906MYA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089906QYA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-20FEM	669
5962-9089906MZA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089907MTA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089907MUA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089907QUA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-15HKM	669
5962-9089907MXA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089907QXA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-15JDDM	669
5962-9089907MYA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089907QYA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-15FEM	669
5962-9089907MZA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089908MTA	E	07/27/2015		(NONE)			28F010 (GEN)	669

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5962-9089908MUA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089908QUA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-12HKM	669
5962-9089908MXA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089908QXA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-12JDDM	669
5962-9089908MYA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089908QYA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-12FEM	669
5962-9089908MZA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089909MTA	E	07/27/2015		(NONE)	04/15/1996		28F010 (GEN)	669
5962-9089909MUA	E	07/27/2015		(NONE)	12/24/1997		28F010 (GEN)	669
5962-9089909MXA	E	07/27/2015		(NONE)	12/24/1997		28F010 (GEN)	669
5962-9089909MYA	E	07/27/2015		(NONE)	12/24/1997		28F010 (GEN)	669
5962-9089909MZA	E	07/27/2015		(NONE)			28F010 (GEN)	669
5962-9089910QUA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-25HKM	669
5962-9089910MXA	E	07/27/2015		(NONE)			28F010A (GEN)	669
5962-9089910QXA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-25JDDM	669
5962-9089910MYA	E	07/27/2015		(NONE)			28F010A (GEN)	669
5962-9089910QYA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-25FEM	669
5962-9089911QUA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-20HKM	669
5962-9089911MXA	E	07/27/2015		(NONE)			28F010A (GEN)	669
5962-9089911QXA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-20JDDM	669
5962-9089911MYA	E	07/27/2015		(NONE)			28F010A (GEN)	669
5962-9089911QYA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-20FEM	669
5962-9089912QUA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-15HKM	669
5962-9089912MXA	E	07/27/2015		(NONE)			28F010A (GEN)	669
5962-9089912QXA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-15JDDM	669
5962-9089912MYA	E	07/27/2015		(NONE)			28F010A (GEN)	669
5962-9089912QYA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-15FEM	669
5962-9089913QUA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-12HKM	669
5962-9089913MXA	E	07/27/2015		(NONE)			28F010A (GEN)	669
5962-9089913QXA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-12JDDM	669
5962-9089913MYA	E	07/27/2015		(NONE)			28F010A (GEN)	669
5962-9089913QYA	E	07/27/2015	3	MICROSS		Y	SMJ28F010B-12FEM	669
5962-9090101M3A		10/26/1992	1B	PYRAMID		Y	P29FCT52ALMB	590
5962-9090101MKA		10/26/1992	1B	PYRAMID		Y	P29FCT52AFSMB	590
5962-9090101MLA		10/26/1992	1B	PYRAMID		Y	P29FCT52ACMB	590
5962-9090102M3A		10/26/1992	1B	PYRAMID		Y	P29FCT52BLMB	590
5962-9090102MKA		10/26/1992	1B	PYRAMID		Y	P29FCT52BFSMB	590
5962-9090102MLA		10/26/1992	1B	PYRAMID		Y	P29FCT52BCMB	590
5962-9090103M3A		10/26/1992	1B	PYRAMID		Y	P29FCT52CLMB	590
5962-9090103MKA		10/26/1992	1B	PYRAMID		Y	P29FCT52CFSMB	590
5962-9090103MLA		10/26/1992	1B	PYRAMID		Y	P29FCT52CCMB	590
5962-9090201HXC	C	06/21/2018	1	ANAREN		Y	MSK332B-12	899
5962-9090202HXC	C	06/21/2018	1	ANAREN		Y	MSK332B-15	899
5962-9090501M2A	B	01/16/2007		(NONE)			OP160A (GEN)	702
5962-9090501MPA	B	01/16/2007		(NONE)			OP160A (GEN)	702
5962-9090601M2A	B	01/25/2013	1	ROCHESTER		Y	54ACT11353/B2A	273
5962-9090601MEA	B	01/25/2013	1	ROCHESTER		Y	54ACT11353/BEA	273
5962-9090801M2A	B	07/17/2015	1	ANALOG (3)		Y	AD7224UE/883B	591
5962-9090801MVA	B	07/17/2015	1	ANALOG (3)		Y	AD7224UQ/883B	591

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5962-9091001M2A	C	08/22/2018	3	E2V		Y 54F377LMQB		159
5962-9091001M2A	C	08/22/2018	3	ROCHESTER		Y 54F377/Q2A		159
5962-9091001MRA	C	08/22/2018	3	E2V		Y 54F377DMQB		159
5962-9091001MRA	C	08/22/2018	3	ROCHESTER		Y 54F377/QRA		159
5962-9091001MSA	C	08/22/2018	3	E2V		Y 54F377FMQB		159
5962-9091001MSA	C	08/22/2018	3	ROCHESTER		Y 54F377/QSA		159
5962-9091101M3A	B	03/28/2002		(NONE)	09/30/2000		AD9712BS (GEN)	591
5962-9091101MXA	B	03/28/2002		(NONE)	09/30/2000		AD9712BS (GEN)	591
5962-9091102M3A	B	03/28/2002		(NONE)	09/30/2000		AD9712BT (GEN)	591
5962-9091102MXA	B	03/28/2002		(NONE)	09/30/2000		AD9712BT (GEN)	591
5962-9091103M3A	B	03/28/2002		(NONE)	09/30/2000		AD9713BS (GEN)	591
5962-9091103MXA	B	03/28/2002		(NONE)	09/30/2000		AD9713BS (GEN)	591
5962-9091104M3A	B	03/28/2002		(NONE)	09/30/2000		AD9713BT (GEN)	591
5962-9091104MXA	B	03/28/2002		(NONE)			AD9713BT (GEN)	591
5962-9091201MXA	B	07/10/2015	1	E2V			AT27C020-250DM/883	669
5962-9091201MYA	B	07/10/2015	1	E2V			AT27C020-250LM/883	669
5962-9091202MXA	B	07/10/2015	1	E2V			AT27C020-200DM/883	669
5962-9091202MYA	B	07/10/2015	1	E2V			AT27C020-200LM/883	669
5962-9091203MXA	B	07/10/2015	1	E2V			AT27C020-150DM/883	669
5962-9091203MYA	B	07/10/2015	1	E2V			AT27C020-150LM/883	669
5962-9091301MXA	C	02/12/2016	2	E2V		Y QP7C287-65WMB		663
5962-9091301MXA	C	02/12/2016	2	E2V		Y CY7C287-65WMB		663
5962-9091301MYA	C	02/12/2016	2	E2V		Y QP7C287-65QMB		663
5962-9091301MYA	C	02/12/2016	2	E2V		Y CY7C287-65QMB		663
5962-9091302MXA	C	02/12/2016	2	E2V		Y QP7C287-55WMB		663
5962-9091302MXA	C	02/12/2016	2	E2V		Y CY7C287-55WMB		663
5962-9091302MYA	C	02/12/2016	2	E2V		Y QP7C287-55QMB		663
5962-9091302MYA	C	02/12/2016	2	E2V		Y CY7C287-55QMB		663
5962-9091401M2A	G	08/13/2015		(NONE)			LM185B (GEN)	785
5962-9091401MXA	G	08/13/2015		(NONE)	12/03/2008		LM185B (GEN)	785
5962-9091402QYA	G	08/13/2015	1	TI		Y LM185BWG/883		785
5962-9091601B2A	C	08/30/2016	3	E2V		Y JM54AC520B2A		209
5962-9091601B2A	C	08/30/2016	3	ROCHESTER		Y 54AC520/B2A		209
5962-9091601M2A	C	08/30/2016	3	E2V		Y 54AC520LMQB		209
5962-9091601M2A	C	08/30/2016	3	ROCHESTER		Y 54AC520/Q2A		209
5962-9091601S2A	C	08/30/2016		(NONE)			54AC520 (GEN)	209
5962R9091601B2A	C	08/30/2016		(NONE)			54AC520 (GEN)	209
5962R9091601S2A	C	08/30/2016		(NONE)			54AC520 (GEN)	209
5962-9091601BRA	C	08/30/2016	3	E2V		Y JM54AC520BRA		209
5962-9091601BRA	C	08/30/2016	3	ROCHESTER		Y 54AC520/BRA		209
5962-9091601MRA	C	08/30/2016	3	E2V		Y 54AC520DMQB		209
5962-9091601MRA	C	08/30/2016	3	ROCHESTER		Y 54AC520/QRA		209
5962-9091601SRA	C	08/30/2016		(NONE)			54AC520 (GEN)	209
5962R9091601BRA	C	08/30/2016		(NONE)			54AC520 (GEN)	209
5962R9091601SRA	C	08/30/2016		(NONE)			54AC520 (GEN)	209
5962-9091601BSA	C	08/30/2016	3	E2V		Y JM54AC520BSA		209
5962-9091601BSA	C	08/30/2016	3	ROCHESTER		Y 54AC520/BSA		209
5962-9091601MSA	C	08/30/2016	3	E2V		Y 54AC520FMQB		209
5962-9091601MSA	C	08/30/2016	3	ROCHESTER		Y 54AC520/QSA		209

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5962-9091601SSA	C	08/30/2016		(NONE)			54AC520 (GEN)	209
5962R9091601BSA	C	08/30/2016		(NONE)			54AC520 (GEN)	209
5962R9091601SSA	C	08/30/2016		(NONE)			54AC520 (GEN)	209
5962-9091602M2A	C	08/30/2016	1	ROCHESTER			54AC11520/B2A	209
5962-9091602MRA	C	08/30/2016	1	ROCHESTER			54AC11520/BRA	209
5962-9092501MCA	B	01/25/2010		(NONE)			CLC500 (GEN)	702
5962-9092701M3A	G	12/20/2004		(NONE)	10/30/2006		AD9048T (GEN)	592
5962-9092701MXA	G	12/20/2004		(NONE)	10/30/2006		AD9048T (GEN)	592
5962-9092702M3A	G	12/20/2004		(NONE)	10/30/2006		AD9048S (GEN)	592
5962-9092702MXA	G	12/20/2004		(NONE)	10/30/2006		AD9048S (GEN)	592
5962-9092703M3A	G	12/20/2004		(NONE)			TS83048 (GEN)	592
5962-9092703MXA	G	12/20/2004		(NONE)			TS83048 (GEN)	592
5962-9093001M3A	B	07/09/2015		(NONE)			7C269-50 (GEN)	660
5962-9093001MXA	B	07/09/2015		(NONE)			7C269-50 (GEN)	660
5962-9093001MYA	B	07/09/2015		(NONE)			7C269-50 (GEN)	660
5962-9093002M3A	B	07/09/2015		(NONE)			7C269-25 (GEN)	660
5962-9093002MXA	B	07/09/2015		(NONE)			7C269-25 (GEN)	660
5962-9093002MYA	B	07/09/2015		(NONE)			7C269-25 (GEN)	660
5962-9093003M3A	B	07/09/2015		(NONE)			7C269-15 (GEN)	660
5962-9093003MXA	B	07/09/2015		(NONE)			7C269-15 (GEN)	660
5962-9093003MYA	B	07/09/2015		(NONE)			7C269-15 (GEN)	660
5962-9093201M2A	C	07/22/2013		(NONE)	09/28/2018		TL7770-5 (GEN)	787
5962-9093201MEA	C	07/22/2013		(NONE)	09/28/2018		TL7770-5 (GEN)	787
5962-9093202M2A	C	07/22/2013		(NONE)	05/01/1998		TL7770-12 (GEN)	787
5962-9093202MEA	C	07/22/2013		(NONE)	05/01/1998		TL7770-12 (GEN)	787
5962-9093203M2A	C	07/22/2013		(NONE)			TL7770-15 (GEN)	787
5962-9093203MEA	C	07/22/2013		(NONE)			TL7770-15 (GEN)	787
5962-9093401M2A	C	09/23/2015	3	E2V		Y	54ACT399LMQB	249
5962-9093401Q2A	C	09/23/2015	3	E2V		Y	54ACT399LMQB	249
5962R9093401Q2A	C	09/23/2015		(NONE)			54ACT399 (GEN)	249
5962R9093401V2A	C	09/23/2015		(NONE)			54ACT399 (GEN)	249
5962-9093401MEA	C	09/23/2015	3	E2V		Y	54ACT399DMQB	249
5962-9093401QEA	C	09/23/2015	3	E2V		Y	54ACT399DMQB	249
5962R9093401QEA	C	09/23/2015		(NONE)			54ACT399 (GEN)	249
5962R9093401VEA	C	09/23/2015		(NONE)			54ACT399 (GEN)	249
5962-9093401MFA	C	09/23/2015	3	E2V		Y	54ACT399FMQB	249
5962-9093401QFA	C	09/23/2015	3	E2V		Y	54ACT399FMQB	249
5962R9093401QFA	C	09/23/2015		(NONE)			54ACT399 (GEN)	249
5962R9093401VFA	C	09/23/2015		(NONE)			54ACT399 (GEN)	249
5962-9093501M2A	A	03/10/2010		(NONE)	09/30/1995		10538 (GEN)	319
5962-9093501MEA	A	03/10/2010		(NONE)	09/30/1995		10538 (GEN)	319
5962-9093501MFA	A	03/10/2010		(NONE)	09/30/1995		10538 (GEN)	319
5962-9093701M2A	D	08/22/2014	2	TI		Y	SNJ54BCT125AFK	520
5962-9093701MCA	D	08/22/2014	2	TI		Y	SNJ54BCT125AJ	520
5962-9093701MDA	D	08/22/2014	2	TI		Y	SNJ54BCT125AW	520
5962-9093801M2A	C	10/10/2012	3	TI		Y	SNJ54BCT760FK	519
5962-9093801MRA	C	10/10/2012	3	TI		Y	SNJ54BCT760J	519
5962-9093801MSA	C	10/10/2012	3	TI		Y	SNJ54BCT760W	519
5962-9093901M2A	D	11/22/2013	1	TI		Y	SNJ54BCT2240FK	529



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5962-9093901MRA	D	11/22/2013	1	TI		Y	SNJ54BCT2240J	529
5962-9093901MSA	D	11/22/2013		(NONE)	11/28/2015		54BCT2240 (GEN)	529
5962-9094001M2A	C	06/28/2017		(NONE)	11/28/2015		54BCT623 (GEN)	590
5962-9094001MRA	C	06/28/2017	3	TI		Y	SNJ54BCT623J	590
5962-9094001MSA	C	06/28/2017		(NONE)	11/28/2015		54BCT623 (GEN)	590
5962-9094301H3A	A	05/17/2006		(NONE)			HC9172 (GEN)	785
5962-9094601MXA	D	06/18/1996		(NONE)	12/24/1997		80960MC16 (GEN)	404
5962-9094601MYA	D	06/18/1996		(NONE)	12/24/1997		80960MC16 (GEN)	404
5962-9094602MXA	D	06/18/1996		(NONE)	12/24/1997		80960MC20 (GEN)	404
5962-9094602MYA	D	06/18/1996		(NONE)	12/24/1997		80960MC20 (GEN)	404
5962-9094603MXA	D	06/18/1996		(NONE)	12/24/1997		80960MC25 (GEN)	404
5962-9094603MYA	D	06/18/1996		(NONE)	12/24/1997		80960MC25 (GEN)	404
5962-9094604MXA	D	06/18/1996		(NONE)	12/24/1997		80960XA16 (GEN)	404
5962-9094604MYA	D	06/18/1996		(NONE)	12/24/1997		80960XA16 (GEN)	404
5962-9094605MXA	D	06/18/1996		(NONE)	12/24/1997		80960XA20 (GEN)	404
5962-9094605MYA	D	06/18/1996		(NONE)	12/24/1997		80960XA20 (GEN)	404
5962-9094606MXA	D	06/18/1996		(NONE)	12/24/1997		80960XA25 (GEN)	404
5962-9094606MYA	D	06/18/1996		(NONE)	12/24/1997		80960XA25 (GEN)	404
5962-9095401HXA	E	04/07/2017	1	INTER. RECT.2		Y	ATO2815T/CH	594
5962-9095401HZA	E	04/07/2017	1	INTER. RECT.2		Y	ATO2815TF/CH	594
5962-9095501M2A	D	07/27/2016		(NONE)			AD640 (GEN)	800
5962-9095501MRA	D	07/27/2016		(NONE)			AD640 (GEN)	800
5962-9095502M2A	D	07/27/2016	1	ANALOG (2)		Y	AD640TE/883B	800
5962-9095502MRA	D	07/27/2016	1	ANALOG (2)		Y	AD640TD/883B	800
5962-9095701MQA	B	08/22/2007		(NONE)			5412-T (GEN)	592
5962-9095701MXA	B	08/22/2007		(NONE)			5412-T (GEN)	592
5962-9095702MQA	B	08/22/2007		(NONE)			5412-S (GEN)	592
5962-9095702MXA	B	08/22/2007		(NONE)			5412-S (GEN)	592
5962-9095801Q2A	D	10/16/2018		(NONE)	11/28/2015		TLE2161M (GEN)	703
5962-9095801QPA	D	10/16/2018	1	TI		Y	TLE2161MJGB	703
5962-9095802Q2A	D	10/16/2018		(NONE)	11/28/2015		TLE2161AM (GEN)	703
5962-9095802QPA	D	10/16/2018	1	TI		Y	TLE2161AMJGB	703
5962-9095803Q2A	D	10/16/2018		(NONE)	11/28/2015		TLE2161BM (GEN)	703
5962-9095803QPA	D	10/16/2018	1	TI		Y	TLE2161BMJGB	703
5962-9096201MQA	D	10/22/2018	2	ANALOG (3)		Y	AD2S80ATD/883B	594
5962-9096201MXA	D	10/22/2018	2	ANALOG (3)		Y	AD2S80ATE/883B	594
5962-9096301MXA		07/23/1992		(NONE)			TMC2310V (GEN)	420
5962-9096301MYA		07/23/1992		(NONE)			TMC2310V (GEN)	420
5962-9096302MXA		07/23/1992		(NONE)			TMC2310V1 (GEN)	420
5962-9096302MYA		07/23/1992		(NONE)			TMC2310V1 (GEN)	420
5962-9096401MXA	C	03/01/2016		(NONE)			1010A (GEN)	431
5962-9096401MYA	C	03/01/2016		(NONE)			1010A (GEN)	431
5962-9096401MZA	C	03/01/2016		(NONE)			1010A (GEN)	431
5962-9096402MXA	C	03/01/2016		(NONE)			1010A-1 (GEN)	431
5962-9096403MXA	C	03/01/2016	2	MICROSEMI (2)		Y	A1010B-PG84B	431
5962-9096403MXC	C	03/01/2016	2	MICROSEMI (2)		Y	A1010B-PG84B	431
5962-9096404MXA	C	03/01/2016	2	MICROSEMI (2)		Y	A1010B-1PG84B	431
5962-9096404MXC	C	03/01/2016	2	MICROSEMI (2)		Y	A1010B-1PG84B	431
5962-9096501MMC	L	11/26/2018		(NONE)			1020A (GEN)	431



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5962-9096501MTC	L	11/26/2018		(NONE)			1020A (GEN)	431
5962-9096501MUC	L	11/26/2018		(NONE)			1020A (GEN)	431
5962-9096501MXA	L	11/26/2018		(NONE)			1020A (GEN)	431
5962-9096501MYA	L	11/26/2018		(NONE)			1020A (GEN)	431
5962-9096501MZA	L	11/26/2018		(NONE)			1020A (GEN)	431
5962-9096502MMC	L	11/26/2018		(NONE)			1020A-1 (GEN)	431
5962-9096502MTC	L	11/26/2018		(NONE)			1020A-1 (GEN)	431
5962-9096502MUC	L	11/26/2018		(NONE)			1020A-1 (GEN)	431
5962-9096502MXA	L	11/26/2018		(NONE)			1020A-1 (GEN)	431
5962-9096502MYA	L	11/26/2018		(NONE)			1020A-1 (GEN)	431
5962-9096502MZA	L	11/26/2018		(NONE)			1020A-1 (GEN)	431
5962-9096503Q9A	L	11/26/2018		(NONE)			1020B (GEN)	431
5962-9096503MMC	L	11/26/2018		(NONE)			1020B (GEN)	431
5962-9096503MTA	L	11/26/2018	2	MICROSEMI (2)			A1020B-CQ84B	431
5962-9096503MTC	L	11/26/2018	2	MICROSEMI (2)			A1020B-CQ84B	431
5962-9096503MUA	L	11/26/2018	2	MICROSEMI (2)			A1020B-PG84B	431
5962-9096503MUC	L	11/26/2018	2	MICROSEMI (2)			A1020B-PG84B	431
5962-9096504MMC	L	11/26/2018		(NONE)			1020-1 (GEN)	431
5962-9096504MTA	L	11/26/2018	2	MICROSEMI (2)			A1020B-1CQ84B	431
5962-9096504MTC	L	11/26/2018	2	MICROSEMI (2)			A1020B-1CQ84B	431
5962-9096504MUA	L	11/26/2018	2	MICROSEMI (2)			A1020B-1PG84B	431
5962-9096504MUC	L	11/26/2018	2	MICROSEMI (2)			A1020B-1PG84B	431
5962F9096505Q9B	L	11/26/2018		(NONE)	06/30/2006		RH1020 (GEN)	431
5962F9096505QTC	L	11/26/2018		(NONE)	06/30/2006		RH1020 (GEN)	431
5962R9096506QTC	L	11/26/2018	2	BAE SYSTEMS		Y	197A805-25	431
5962R9096506VTC	L	11/26/2018	2	BAE SYSTEMS		Y	197A805-21	431
5962R9096507QTC	L	11/26/2018	2	BAE SYSTEMS		Y	197A805-24	431
5962R9096508QNC	L	11/26/2018	2	BAE SYSTEMS		Y	197A805-35	431
5962R9096508VNC	L	11/26/2018	2	BAE SYSTEMS		Y	197A805-31	431
5962R9096509QNC	L	11/26/2018	2	BAE SYSTEMS		Y	197A805-34	431
5962-9096601MRA	B	10/03/2007		(NONE)	09/09/1998		ADC0802 (GEN)	592
5962-9096701MCA		12/17/1991		(NONE)			LMF60-100 (GEN)	805
5962-9096702MCA		12/17/1991		(NONE)			LMF60-50 (GEN)	805
5962-9096801MCA		10/03/1991		(NONE)	09/09/1998		LMF90 (GEN)	805
5962-9096901M2A	C	10/08/2013	1	TI		Y	TLC3704MFKB	776
5962-9096901MCA	C	10/08/2013	1	TI		Y	TLC3704MJB	776
5962-9097001MCA	A	01/07/2008		(NONE)	06/30/1996		SP8620 (GEN)	319
5962-9097601MTA		11/04/1992		(NONE)	04/15/1996		80C51FB (GEN)	420
5962-9097601MUA		11/04/1992		(NONE)	12/24/1997		80C51FB (GEN)	420
5962-9097601MXA		11/04/1992		(NONE)	12/24/1997		80C51FB (GEN)	420
5962-9097601MZA		11/04/1992		(NONE)	04/15/1996		80C51FB (GEN)	420
5962-9097602MTA		11/04/1992		(NONE)	04/15/1996		80C51FB (GEN)	420
5962-9097602MUA		11/04/1992		(NONE)	12/24/1997		80C51FB (GEN)	420
5962-9097602MXA		11/04/1992		(NONE)	12/24/1997		80C51FB (GEN)	420
5962-9097602MZA		11/04/1992		(NONE)	04/15/1996		80C51FB (GEN)	420
5962-9097701HXA	B	05/24/2000		(NONE)	09/27/2002		CLC207A (GEN)	755
5962-9097801HXC	A	04/13/2009		(NONE)			1250A (GEN)	591
5962-9097901M2A	B	04/15/2008		(NONE)	09/30/2000		AD9901T (GEN)	899
5962-9097901MCA	B	04/15/2008		(NONE)	09/30/2000		AD9901T (GEN)	899

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5962-9098001M2A	E	11/21/2018	1	ANALOG (2)		Y AD843SE/883B		702
5962-9098001MPA	E	11/21/2018	1	ANALOG (2)		Y AD843SQ/883B		702
5962-9098001MXA	E	11/21/2018	1	ANALOG (2)		Y AD843SH/883B		702
5962-9098301MCA	A	01/30/2002		(NONE)		D469AA (GEN)		899
5962-9098401MEA	B	03/25/2014	1	TI		Y CD54HCT390F3A		300
5962-9098501B2A	D	12/09/2013	3	E2V		Y JM54AC521B2A		209
5962-9098501B2A	D	12/09/2013	3	ROCHESTER		Y 54AC521/B2A		209
5962-9098501M2A	D	12/09/2013	3	E2V		Y 54AC521LMQB		209
5962-9098501M2A	D	12/09/2013	3	ROCHESTER		Y 54AC521/Q2A		209
5962-9098501S2A	D	12/09/2013		(NONE)		54AC521 (GEN)		209
5962R9098501B2A	D	12/09/2013		(NONE)		54AC521 (GEN)		209
5962R9098501S2A	D	12/09/2013		(NONE)		54AC521 (GEN)		209
5962-9098501BRA	D	12/09/2013	3	E2V		Y JM54AC521BRA		209
5962-9098501BRA	D	12/09/2013	3	ROCHESTER		Y 54AC521/BRA		209
5962-9098501MRA	D	12/09/2013	3	E2V		Y 54AC521DMQB		209
5962-9098501MRA	D	12/09/2013	3	ROCHESTER		Y 54AC521/QRA		209
5962-9098501SRA	D	12/09/2013		(NONE)		54AC521 (GEN)		209
5962R9098501BRA	D	12/09/2013		(NONE)		54AC521 (GEN)		209
5962R9098501SRA	D	12/09/2013		(NONE)		54AC521 (GEN)		209
5962-9098501BSA	D	12/09/2013	3	E2V		Y JM54AC521BSA		209
5962-9098501BSA	D	12/09/2013	3	ROCHESTER		Y 54AC521/BSA		209
5962-9098501MSA	D	12/09/2013	3	E2V		Y 54AC521FMQB		209
5962-9098501MSA	D	12/09/2013	3	ROCHESTER		Y 54AC521/QSA		209
5962-9098501SSA	D	12/09/2013		(NONE)		54AC521 (GEN)		209
5962R9098501BSA	D	12/09/2013		(NONE)		54AC521 (GEN)		209
5962R9098501SSA	D	12/09/2013		(NONE)		54AC521 (GEN)		209
5962-9098502M2A	D	12/09/2013		(NONE)	09/15/1995	54AC11521 (GEN)		209
5962-9098502MRA	D	12/09/2013		(NONE)	09/15/1995	54AC11521 (GEN)		209
5962F9098503VXA	D	12/09/2013	2	STMICRO		Y RHFAC521K02V		209
5962F9098503VXC	D	12/09/2013	2	STMICRO		Y RHFAC521K01V		209
5962-9098601MXA	B	02/20/2018		(NONE)				625
5962-9098601MYA	B	02/20/2018		(NONE)				625
5962-9098601MZA	B	02/20/2018		(NONE)				625
5962-9098602MXA	B	02/20/2018		(NONE)				625
5962-9098602MYA	B	02/20/2018		(NONE)				625
5962-9098602MZA	B	02/20/2018		(NONE)				625
5962-9098701MEA	A	05/04/2010		(NONE)		UC1633 (GEN)		899
5962-9098901M3A	B	08/05/2014	2	E2V		Y PLDC20RA10-35QMB		431
5962-9098901MLA	B	08/05/2014	2	E2V		Y PLDC20RA10-35WMB		431
5962-9098902M3A	B	08/05/2014	2	E2V		Y PLDC20RA10-25QMB		431
5962-9098902MLA	B	08/05/2014	2	E2V		Y PLDC20RA10-25WMB		431
5962-9098903M3A	B	08/05/2014	2	E2V		Y PLDC20RA10-20QMB		431
5962-9098903MLA	B	08/05/2014	2	E2V		Y PLDC20RA10-20WMB		431
5962-9099301MPA	F	02/20/2003		(NONE)	12/06/2005	CLC505A (GEN)		702
5962-9099401MPA	E	12/11/2003		(NONE)	12/06/2005	CLC404A (GEN)		755
5962-9099501HXC	B	06/24/1994		(NONE)		CLC925B (GEN)		592
5962-9099601MXA	B	09/27/1996		(NONE)		TMC2009 (GEN)		208
5962-9099601MYA	B	09/27/1996		(NONE)		TMC2009 (GEN)		208
5962-9099601MZA	B	09/27/1996		(NONE)		TMC2009 (GEN)		208

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9099602MUA	B	09/27/1996		(NONE)	04/01/2000		LMA1009-95 (GEN)	208
5962-9099602MXA	B	09/27/1996		(NONE)	04/01/2000		LMA1009-95 (GEN)	208
5962-9099602MYA	B	09/27/1996		(NONE)	04/01/2000		LMA2009-95 (GEN)	208
5962-9099603MUA	B	09/27/1996		(NONE)	04/01/2000		LMA1009-65 (GEN)	208
5962-9099603MXA	B	09/27/1996		(NONE)	04/01/2000		LMA1009-65 (GEN)	208
5962-9099603MYA	B	09/27/1996		(NONE)	04/01/2000		LMA2009-65 (GEN)	208
5962-9099604MUA	B	09/27/1996		(NONE)	04/01/2000		LMA1009-55 (GEN)	208
5962-9099604MXA	B	09/27/1996		(NONE)	04/01/2000		LMA1009-55 (GEN)	208
5962-9099604MYA	B	09/27/1996		(NONE)	04/01/2000		LMA2009-55 (GEN)	208
5962-9099701MRA		10/22/1991		(NONE)	12/24/1997		82C2886 (GEN)	420
5962-9099702MRA		10/22/1991		(NONE)	12/24/1997		82C2888 (GEN)	420
5962-9099703MRA		10/22/1991		(NONE)	12/24/1997		82C28810 (GEN)	420
5962-9150101MXA	D	10/04/2005	1	E2V SEMI.	12/26/2017	Y	TS68332MAB/C16A	420
5962-9150101MYA	D	10/04/2005		(NONE)			68332-16 (GEN)	420
5962-9150101QYC	D	10/04/2005		(NONE)	09/30/1995		68332-16 (GEN)	420
5962-9150101MZA	D	10/04/2005	1	E2V SEMI.	12/26/2017	Y	TS68332MR1B/C16A	420
5962-9150101MZC	D	10/04/2005	1	E2V SEMI.	12/26/2017	Y	TS68332MRB/C16A	420
5962-9150101QZA	D	10/04/2005		(NONE)	09/30/1995		68332-16 (GEN)	420
5962-9150102MXA	D	10/04/2005	1	E2V SEMI.	12/26/2017	Y	TS68332MAB/C20A	420
5962-9150102MZA	D	10/04/2005	1	E2V SEMI.	12/26/2017	Y	TS68332MR1B/C20A	420
5962-9150102MZC	D	10/04/2005	1	E2V SEMI.	12/26/2017	Y	TS68332MRB/C20A	420
5962-9150501MPA	C	03/18/2008		(NONE)	04/16/2002		AD790S (GEN)	770
5962-9150801MXA	E	05/15/2018		IDT		Y	IDT7006S70GB	622
5962-9150801MYA	E	05/15/2018		(NONE)			7006S70 (GEN)	622
5962-9150802MXA	E	05/15/2018		IDT		Y	IDT7006L70GB	622
5962-9150802MYA	E	05/15/2018		(NONE)			7006L70 (GEN)	622
5962-9150803MXA	E	05/15/2018		IDT		Y	IDT7006S55GB	622
5962-9150803MYA	E	05/15/2018		(NONE)			7006S55 (GEN)	622
5962-9150804MXA	E	05/15/2018		IDT		Y	IDT7006L55GB	622
5962-9150804MYA	E	05/15/2018		IDT		Y	IDT7006L55FB	622
5962-9150805MXA	E	05/15/2018		IDT		Y	IDT7006S45GB	622
5962-9150805MYA	E	05/15/2018		IDT		Y	IDT7006S45FB	622
5962-9150806MXA	E	05/15/2018		IDT		Y	IDT7006L45GB	622
5962-9150806MYA	E	05/15/2018		IDT		Y	IDT7006L45FB	622
5962-9150807MXA	E	05/15/2018	2	IDT		Y	IDT7006S35GB	622
5962-9150807MYA	E	05/15/2018		(NONE)			7006S35 (GEN)	622
5962-9150808MXA	E	05/15/2018	2	IDT		Y	IDT7006L35GB	622
5962-9150808MYA	E	05/15/2018		(NONE)			7006L35 (GEN)	622
5962-9150809MXA	E	05/15/2018	2	IDT		Y	IDT7006S25GB	616
5962-9150809MYA	E	05/15/2018		(NONE)			7006S25 (GEN)	616
5962-9150810MXA	E	05/15/2018	2	IDT		Y	IDT7006L25GB	616
5962-9150810MYA	E	05/15/2018	2	IDT		Y	IDT7006L25FB	616
5962-9150811MXA	E	05/15/2018		(NONE)			7006S20 (GEN)	616
5962-9150811MYA	E	05/15/2018		(NONE)			7006S20 (GEN)	616
5962-9150812MXA	E	05/15/2018		(NONE)			7006L20 (GEN)	616
5962-9150812MYA	E	05/15/2018	2	IDT		Y	IDT7006L20FB	616
5962-9151301M2A	B	06/28/2017	1	ROCHESTER		Y	54HC51/B2A	130
5962-9151301MCA	B	06/28/2017	1	ROCHESTER		Y	54HC51/BCA	130
5962-9151601QEA	C	09/21/2016	1	SRI		Y	GEM11101QEA	282

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9151601QEC	C	09/21/2016	1	SRI		Y	GEM11101QEC	282
5962-9151801MXA	B	02/22/2018		(NONE)	05/10/1995		10E474L-7 (GEN)	612
5962-9151801MYA	B	02/22/2018		(NONE)			10E474L-7 (GEN)	612
5962-9151801MZA	B	02/22/2018		(NONE)			10E474L-7 (GEN)	612
5962-9151802MXA	B	02/22/2018		(NONE)	05/10/1995		10E474L-5 (GEN)	612
5962-9151802MYA	B	02/22/2018		(NONE)			10E474L-5 (GEN)	612
5962-9151802MZA	B	02/22/2018		(NONE)			10E474L-5 (GEN)	612
5962-9151901M2A	E	05/17/2016	1A	ANALOG (2)		Y	OP249AE/883	710
5962-9151901MGA	E	05/17/2016		(NONE)	05/28/2005		OP249A (GEN)	710
5962-9151901MPA	E	05/17/2016	1A	ANALOG (2)		Y	OP249AZ/883	710
5962-9152101M3A	D	02/06/2017	1	ANALOG (3)		Y	AD7874SE/883B	433
5962-9152101MXA	D	02/06/2017	1	ANALOG (3)		Y	AD7874SQ/883B	433
5962-9152301MUA	D	09/21/2018	1	MICROSEMI (1)		Y	SG7820AIG/883B	782
5962-9152301MXA	D	09/21/2018	1	MICROSEMI (1)		Y	SG7820AT/883B	782
5962-9152301MYA	D	09/21/2018	1	MICROSEMI (1)		Y	SG7820AK/883B	782
5962-9152301MZA	D	09/21/2018	1	MICROSEMI (1)		Y	SG7820AR/883B	782
5962-9152801MXA	C	08/14/2014	2	E2V		Y	100301DMQB	149
5962-9152801VXA	C	08/14/2014		(NONE)	12/02/2003		100301 (GEN)	149
5962-9152801MYA	C	08/14/2014	2	E2V		Y	100301FMQB	149
5962-9152801VYA	C	08/14/2014		(NONE)	12/03/2008		100301 (GEN)	149
5962-9152802MXA	C	08/14/2014	2	E2V		Y	100302DMQB	149
5962-9152802VXA	C	08/14/2014		(NONE)	12/03/2008		100302 (GEN)	149
5962-9152802MYA	C	08/14/2014	2	E2V		Y	100302FMQB	149
5962-9152802VYA	C	08/14/2014		(NONE)	12/03/2008		100302 (GEN)	149
5962-9152901M3A	A	11/14/2007		(NONE)			54AS874 (GEN)	158
5962-9152901MJA	A	11/14/2007		(NONE)			54AS874 (GEN)	158
5962-9152901MKA	A	11/14/2007		(NONE)			54AS874 (GEN)	158
5962-9152901MLA	A	11/14/2007		(NONE)			54AS874 (GEN)	158
5962-9153001MXA	C	12/09/2016	2	E2V		Y	100324DMQB	547
5962-9153001VXA	C	12/09/2016	2	ROCHESTER		Y	100324/VXA	547
5962-9153001MYA	C	12/09/2016	2	E2V		Y	100324FMQB	547
5962-9153001VYA	C	12/09/2016	2	ROCHESTER		Y	100324/VYA	547
5962-9153101MXA	C	09/07/2018	3	E2V		Y	100325DMQB	549
5962-9153101VXA	C	09/07/2018		(NONE)	12/03/2008		100325 (GEN)	549
5962-9153101MYA	C	09/07/2018	3	E2V		Y	100325FMQB	549
5962-9153101VYA	C	09/07/2018		(NONE)	12/03/2008		100325 (GEN)	549
5962F9153101VYA	C	09/07/2018		(NONE)	12/03/2008		100325 (GEN)	549
5962-9153201Q2A	E	11/14/2018	2	TI		Y	TLC3702MFKB	773
5962-9153201QHA	E	11/14/2018		(NONE)			TLC3702M (GEN)	773
5962-9153201QPA	E	11/14/2018	2	TI		Y	TLC3702MJGB	773
5962-9153202Q2A	E	11/14/2018		(NONE)	11/28/2015		TLC3702M (GEN)	773
5962-9153202QHA	E	11/14/2018	2	TI		Y	TLC3702MUB	773
5962-9153202QPA	E	11/14/2018	2	TI		Y	TLC3702MJGB	773
5962-9153301M2A	B	05/04/2010		(NONE)	09/09/1998		LMF100A (GEN)	805
5962-9153301MRA	B	05/04/2010		(NONE)	09/09/1998		LMF100A (GEN)	805
5962-9153401M2A	B	04/05/2010		(NONE)			EL2001A (GEN)	750
5962-9153401MPA	B	04/05/2010		(NONE)			EL2001A (GEN)	750
5962-9153402M2A	B	04/05/2010		(NONE)			EL2001 (GEN)	750
5962-9153402MPA	B	04/05/2010		(NONE)			EL2001 (GEN)	750

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9153501M2A	B	04/05/2010		(NONE)		EL2038 (GEN)		755
5962-9153501MCA	B	04/05/2010		(NONE)		EL2038 (GEN)		755
5962-9153601MXA	C	02/08/2019	2	E2V		Y 100331DMQB		158
5962-9153601VXA	C	02/08/2019		(NONE)		100331 (GEN)		158
5962-9153601MYA	C	02/08/2019	2	E2V		Y 100331FMQB		158
5962-9153601VYA	C	02/08/2019		(NONE)		100331 (GEN)		158
5962F9153601VYA	C	02/08/2019		(NONE)		100331 (GEN)		158
5962-9153701MXA	B	04/15/2014		E2V		Y 100304DMQB		149
5962-9153701VXA	B	04/15/2014		(NONE)	12/03/2008	100304 (GEN)		149
5962-9153701MYA	B	04/15/2014		E2V		Y 100304FMQB		149
5962-9153701VYA	B	04/15/2014		(NONE)	12/03/2008	100304 (GEN)		149
5962-9154201MMA	E	06/14/2006		(NONE)		87C451 (GEN)		420
5962-9154201MXA	E	06/14/2006		(NONE)		87C451 (GEN)		420
5962-9154501MQA	H	03/01/2017	2	E2V		Y QPV2500H-35DM/883		431
5962-9154501MXA	H	03/01/2017	2	E2V		Y QPV2500H-35LM/883		431
5962-9154501MYA	H	03/01/2017	2	E2V		Y QPV2500H-35KM/883		431
5962-9154502MQA	H	03/01/2017	2	E2V		Y QPV2500H-25DM/883		431
5962-9154502MXA	H	03/01/2017	2	E2V		Y QPV2500H-25LM/883		431
5962-9154502MYA	H	03/01/2017	2	E2V		Y QPV2500H-25KM/883		431
5962-9154503MQA	H	03/01/2017	2	E2V		Y QPV2500L-30DM/883		431
5962-9154503MXA	H	03/01/2017	2	E2V		Y QPV2500L-30LM/883		431
5962-9154503MYA	H	03/01/2017	2	E2V		Y QPV2500L-30KM/883		431
5962-9154504MQA	H	03/01/2017	1C	E2V		Y QPV2500B-15DM/883		431
5962-9154504MXA	H	03/01/2017	1C	E2V		Y QPV2500B-15LM/883		431
5962-9154504MYA	H	03/01/2017	1C	E2V		Y QPV2500B-15KM/883		431
5962-9154505MQA	H	03/01/2017	1C	E2V		Y QPV2500BL-20DM/883		431
5962-9154505MXA	H	03/01/2017	1C	E2V		Y QPV2500BL-20LM/883		431
5962-9154505MYA	H	03/01/2017	1C	E2V		Y QPV2500BL-20KM/883		431
5962-9154506MQA	H	03/01/2017	2	E2V		Y QPV2500BQ-25DM/883		431
5962-9154506MXA	H	03/01/2017	2	E2V		Y QPV2500BQ-25LM/883		431
5962-9154506MYA	H	03/01/2017	2	E2V		Y QPV2500BQ-25KM/883		431
5962-9154507MQA	H	03/01/2017	2	E2V		Y QPV2500BQL-30DM/883		431
5962-9154507MXA	H	03/01/2017	2	E2V		Y QPV2500BQL-30LM/883		431
5962-9154507MYA	H	03/01/2017	2	E2V		Y QPV2500BQL-30KM/883		431
5962-9154601MQA	C	09/02/2015		(NONE)		V2500H (GEN)		431
5962-9154601MXA	C	09/02/2015		(NONE)		V2500H (GEN)		431
5962-9154601MYA	C	09/02/2015		(NONE)		V2500H (GEN)		431
5962-9154602MQA	C	09/02/2015		(NONE)		V2500H (GEN)		431
5962-9154602MXA	C	09/02/2015		(NONE)		V2500H (GEN)		431
5962-9154602MYA	C	09/02/2015		(NONE)		V2500H (GEN)		431
5962-9154603MQA	C	09/02/2015		(NONE)		V2500L (GEN)		431
5962-9154603MXA	C	09/02/2015		(NONE)		V2500L (GEN)		431
5962-9154603MYA	C	09/02/2015		(NONE)		V2500L (GEN)		431
5962-9154901MPA	A	07/27/2012		(NONE)		93CS66 (GEN)		656
5962-9155201MEA	B	01/13/2005		(NONE)	08/30/2006	DG542A (GEN)		899
5962-9155301M3A	C	02/23/2017		(NONE)	11/28/2015	54BCT652 (GEN)		590
5962-9155301MKA	C	02/23/2017	1	TI	09/26/2018	Y SNJ54BCT652W		590
5962-9155301MLA	C	02/23/2017		(NONE)	11/28/2015	54BCT652 (GEN)		590
5962-9155401M3A	A	08/28/1992		(NONE)		54BCT544 (GEN)		590



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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9155401MKA	A	08/28/1992		(NONE)			54BCT544 (GEN)	590
5962-9155401MLA	A	08/28/1992		(NONE)			54BCT544 (GEN)	590
5962-9155501M3A	C	11/06/2012	1	TI		Y	SNJ54BCT646FK	590
5962-9155501MKA	C	11/06/2012		(NONE)	11/28/2015		54BCT646 (GEN)	590
5962-9155501MLA	C	11/06/2012	1	TI		Y	SNJ54BCT646JT	590
5962-9155901HXC		01/21/1993		(NONE)			2056P-34VR/2 (GEN)	594
5962-9155902HXC		01/21/1993		(NONE)			2056P-34VS/2 (GEN)	594
5962-9155903HXC		01/21/1993		(NONE)			2056P-34H/2 (GEN)	594
5962-9155904HXC		01/21/1993		(NONE)			2056P-34S/2 (GEN)	594
5962-9156001HXC		01/19/1993		(NONE)			1046-341V/2 (GEN)	594
5962-9156002HXC		01/19/1993		(NONE)			1046-341H/2 (GEN)	594
5962-9156003HXC		01/19/1993		(NONE)			1046-341S/2 (GEN)	594
5962-9156501M2A	B	11/27/2007		(NONE)	03/08/2000		LM6118 (GEN)	710
5962-9156501MPA	B	11/27/2007		(NONE)	03/08/2000		LM6118 (GEN)	710
5962-9156601M3A	C	06/28/1996		(NONE)			87C751 (GEN)	420
5962-9156601MLA	C	06/28/1996		(NONE)			87C751 (GEN)	420
5962-9156602M3A	C	06/28/1996		(NONE)			87C751 (GEN)	420
5962-9156602MLA	C	06/28/1996		(NONE)			87C751 (GEN)	420
5962-9156603M3A	C	06/28/1996		(NONE)			87C751-16 (GEN)	420
5962-9156603MLA	C	06/28/1996		(NONE)			87C751-16 (GEN)	420
5962-9156604MLA	C	06/28/1996		(NONE)			87C751-16 (GEN)	420
5962-9156605NXA	C	06/28/1996		(NONE)			87C571 (GEN)	420
5962-9156606NXA	C	06/28/1996		(NONE)			87C571-16 (GEN)	420
5962-9156607NXA	C	06/28/1996		(NONE)			87C571 (GEN)	420
5962-9156608NXA	C	06/28/1996		(NONE)			87C571-16 (GEN)	420
5962-9156801MRA	B	02/28/2013		(NONE)			PLDC18G8-20 (GEN)	431
5962-9156801MSA	B	02/28/2013		(NONE)			PLDC18G8-20 (GEN)	431
5962-9156801MXA	B	02/28/2013		(NONE)			PLDC18G8-20 (GEN)	431
5962-9156802MRA	B	02/28/2013		(NONE)			PLDC18G8-15 (GEN)	431
5962-9156802MSA	B	02/28/2013		(NONE)			PLDC18G8-15 (GEN)	431
5962-9156802MXA	B	02/28/2013		(NONE)			PLDC18G8-15 (GEN)	431
5962-9156901M2A	B	01/08/2008		(NONE)	09/30/1995		10H751 (GEN)	594
5962-9156901MRA	B	01/08/2008		(NONE)	09/30/1995		10H751 (GEN)	594
5962-9156901MSA	B	01/08/2008		(NONE)	09/30/1995		10H751 (GEN)	594
5962-9157001MPA	A	05/04/2010		(NONE)	12/31/2000		SP8808 (GEN)	219
5962-9157201MPA	A	01/16/2008		(NONE)	09/30/2000		SP8830AC (GEN)	319
5962-9157401HXC	E	10/22/2018	1	ANAREN		Y	MSK801B	712
5962-9157501HXA	E	08/17/2017	1	INTER. RECT.2		Y	AHE2815D/CH	594
5962-9157501HZA	E	08/17/2017	1	INTER. RECT.2		Y	AHE2815DF/CH	594
5962-9157502HXA	E	08/17/2017	1	INTER. RECT.2		Y	AHE2815D/CH-SLV	594
5962-9157502HZA	E	08/17/2017	1	INTER. RECT.2		Y	AHE2815DF/CH-SLV	594
5962-9157503HXA	E	08/17/2017	1	INTER. RECT.2		Y	AHE2815D/CH-MSTR	594
5962-9157503HZA	E	08/17/2017	1	INTER. RECT.2		Y	AHE2815DF/CH-MSTR	594
5962-9157601MMA	D	11/06/2012	1	E2V		Y	87C52/BMA	420
5962-9157601MMA	D	11/06/2012	2	E2V		Y	QP87C52/BMA	420
5962-9157601MQA	D	11/06/2012	1	E2V		Y	87C52/BQA	420
5962-9157601MQA	D	11/06/2012	2	E2V		Y	QP87C52/BQA	420
5962-9157601MUA	D	11/06/2012	2	E2V		Y	QP87C52/BUA	420
5962-9157602MMA	D	11/06/2012	1	E2V		Y	87C52-16/BMA	420



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5962-9157602MMA	D	11/06/2012	2	E2V		Y QP87C52-16/BMA		420
5962-9157602MQA	D	11/06/2012	1	E2V		Y 87C52-16/BQA		420
5962-9157602MQA	D	11/06/2012	2	E2V		Y QP87C52-16/BQA		420
5962-9157602MUA	D	11/06/2012	2	E2V		Y QP87C52-16/BUA		420
5962-9157603MMA	D	11/06/2012	1	E2V		Y 87C52/BMA OT		420
5962-9157603MMA	D	11/06/2012	2	E2V		Y QP87C52/BMA-OT		420
5962-9157603MQA	D	11/06/2012	1	E2V		Y 87C52/BQA OT		420
5962-9157603MQA	D	11/06/2012	2	E2V		Y QP87C52/BQA-OT		420
5962-9157603MUA	D	11/06/2012	2	E2V		Y QP87C52/BUA-OT		420
5962-9157603NXA	D	11/06/2012		(NONE)		87C52 (GEN)		420
5962-9157603NYA	D	11/06/2012		(NONE)		87C52 (GEN)		420
5962-9157604MMA	D	11/06/2012	1	E2V		Y 87C52-16/BMA OT		420
5962-9157604MMA	D	11/06/2012	2	E2V		Y QP87C52-16/BMA-OT		420
5962-9157604MQA	D	11/06/2012	1	E2V		Y 87C52-16/BQA OT		420
5962-9157604MQA	D	11/06/2012	2	E2V		Y QP87C52-16/BQA-OT		420
5962-9157604MUA	D	11/06/2012	2	E2V		Y QP87C52-16/BUA-OT		420
5962-9157604NXA	D	11/06/2012		(NONE)		87C52-16 (GEN)		420
5962-9157604NYA	D	11/06/2012		(NONE)		87C52-16 (GEN)		420
5962-9157605NXA	D	11/06/2012		(NONE)		87C52 (GEN)		420
5962-9157605NYA	D	11/06/2012		(NONE)		87C52 (GEN)		420
5962-9157606NXA	D	11/06/2012		(NONE)		87C52-16 (GEN)		420
5962-9157606NYA	D	11/06/2012		(NONE)		87C52-16 (GEN)		420
5962-9157701MXA	C	06/15/2006	3	E2V		Y 87C752/BXA		420
5962-9157702MXA	C	06/15/2006	3	E2V		Y 87C752-16/BXA		420
5962-9157703MXA	C	06/15/2006	3	E2V		Y 87C752/BXA OT		420
5962-9157704MXA	C	06/15/2006	3	E2V		Y 87C752-16/BXA OT		420
5962-9157801MXA	C	11/01/2007		(NONE)	09/09/1998	ADC1241 (GEN)		592
5962-9157802MXA	C	11/01/2007		(NONE)		ADC12441 (GEN)		592
5962-9157803QJA	C	11/01/2007		(NONE)	03/08/2000	ADC1251 (GEN)		592
5962-9157804QJA	C	11/01/2007		(NONE)		ADC12451 (GEN)		592
5962-9157901HZA	E	03/13/2017	1	INTER. RECT.2		Y 7870-01		594
5962-9157902HZA	E	03/13/2017	1	INTER. RECT.2		Y 7870-02		594
5962-9157903HZA	E	03/13/2017	1	INTER. RECT.2		Y 7870-03		594
5962-9157904HZA	E	03/13/2017	1	INTER. RECT.2		Y ATW2805S/CH		594
5962-9157905HZA	E	03/13/2017	1	INTER. RECT.2		Y ATW2805S/CH-SLV		594
5962-9157906HZA	E	03/13/2017	1	INTER. RECT.2		Y ATW2805S/CH-MSTR		594
5962-9158001HXA	E	08/18/2017	1	INTER. RECT.2		Y AHE2812S/CH		594
5962-9158001HXC	E	08/18/2017	1	INTER. RECT.2		Y AHE2812S/CH		594
5962-9158001HZA	E	08/18/2017	1	INTER. RECT.2		Y AHE2812SF/CH		594
5962-9158001HZC	E	08/18/2017	1	INTER. RECT.2		Y AHE2812SF/CH		594
5962-9158002HXA	E	08/18/2017	1	INTER. RECT.2		Y AHE2812S/CH-SLV		594
5962-9158002HXC	E	08/18/2017	1	INTER. RECT.2		Y AHE2812S/CH-SLV		594
5962-9158002HZA	E	08/18/2017	1	INTER. RECT.2		Y AHE2812SF/CH-SLV		594
5962-9158002HZC	E	08/18/2017	1	INTER. RECT.2		Y AHE2812SF/CH-SLV		594
5962-9158003HXA	E	08/18/2017	1	INTER. RECT.2		Y AHE2812S/CH-MSTR		594
5962-9158003HXC	E	08/18/2017	1	INTER. RECT.2		Y AHE2812S/CH-MSTR		594
5962-9158003HZA	E	08/18/2017	1	INTER. RECT.2		Y AHE2812SF/CH-MSTR		594
5962-9158003HZC	E	08/18/2017	1	INTER. RECT.2		Y AHE2812SF/CH-MSTR		594
5962-9158101MXC	A	11/07/2002		(NONE)		AD9060S (GEN)		592

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5962-9158101MYA	A	11/07/2002		(NONE)			AD9060S (GEN)	592
5962-9158102MXC	A	11/07/2002		(NONE)			AD9060T (GEN)	592
5962-9158102MYA	A	11/07/2002		(NONE)			AD9060T (GEN)	592
5962-9158401M3A	A	04/24/2012		(NONE)			7C332-25 (GEN)	431
5962-9158401MXA	A	04/24/2012		(NONE)				431
5962-9158401MYA	A	04/24/2012		(NONE)			7C332-25 (GEN)	431
5962-9158401MZA	A	04/24/2012		(NONE)			7C332-25 (GEN)	431
5962-9158402M3A	A	04/24/2012		(NONE)				431
5962-9158402MXA	A	04/24/2012		(NONE)				431
5962-9158402MYA	A	04/24/2012		(NONE)			7C332-20 (GEN)	431
5962-9158402MZA	A	04/24/2012		(NONE)			7C332-20 (GEN)	431
5962-9158501MUA	D	05/05/2015	3	E2V		Y	CY7C425-120LMB	670
5962-9158501MXA	D	05/05/2015	3	E2V		Y	CY7C425-120DMB	670
5962-9158501MYA	D	05/05/2015	3	E2V		Y	CY7C424-120DMB	670
5962-9158501MZA	D	05/05/2015	3	E2V		Y	CY7C425-120KMB	670
5962-9158502MUA	D	05/05/2015	3	E2V		Y	CY7C425-80LMB	670
5962-9158502MXA	D	05/05/2015	3	E2V		Y	CY7C425-80DMB	670
5962-9158502MYA	D	05/05/2015	3	E2V		Y	CY7C424-80DMB	670
5962-9158502MZA	D	05/05/2015	3	E2V		Y	CY7C425-80KMB	670
5962-9158503MUA	D	05/05/2015	3	E2V		Y	CY7C425-65LMB	670
5962-9158503MXA	D	05/05/2015	3	E2V		Y	CY7C425-65DMB	670
5962-9158503MYA	D	05/05/2015	3	E2V		Y	CY7C424-65DMB	670
5962-9158503MZA	D	05/05/2015	3	E2V		Y	CY7C425-65KMB	670
5962-9158504MUA	D	05/05/2015	3	E2V		Y	CY7C425-50LMB	670
5962-9158504MXA	D	05/05/2015	3	E2V		Y	CY7C425-50DMB	670
5962-9158504MYA	D	05/05/2015	3	E2V		Y	CY7C424-50DMB	670
5962-9158504MZA	D	05/05/2015	3	E2V		Y	CY7C425-50KMB	670
5962-9158505MUA	D	05/05/2015	3	E2V		Y	CY7C425-40LMB	670
5962-9158505MXA	D	05/05/2015	3	E2V		Y	CY7C425-40DMB	670
5962-9158505MYA	D	05/05/2015	3	E2V		Y	CY7C424-40DMB	670
5962-9158505MZA	D	05/05/2015	3	E2V		Y	CY7C425-40KMB	670
5962-9158506MUA	D	05/05/2015	3	E2V		Y	CY7C425-30LMB	670
5962-9158506MXA	D	05/05/2015	3	E2V		Y	CY7C425-30DMB	670
5962-9158506MYA	D	05/05/2015	3	E2V		Y	CY7C424-30DMB	670
5962-9158506MZA	D	05/05/2015	3	E2V		Y	CY7C425-30KMB	670
5962-9158601Q2A	C	12/16/2016	1	ROCHESTER		Y	54LS147/B2A	345
5962-9158601Q2A	C	12/16/2016	2	SRI		Y	GEM31201Q2A	345
5962-9158601Q2C	C	12/16/2016	2	SRI		Y	GEM31201Q2C	345
5962-9158601QEA	C	12/16/2016	1	ROCHESTER		Y	54LS147/BEA	345
5962-9158601QEA	C	12/16/2016	2	SRI		Y	GEM31201QEA	345
5962-9158601QEC	C	12/16/2016	2	SRI		Y	GEM31201QEC	345
5962-9158601QFA	C	12/16/2016	1	ROCHESTER		Y	54LS147/BFA	345
5962-9158601QFA	C	12/16/2016	2	SRI		Y	GEM31201QFA	345
5962-9158601QFC	C	12/16/2016	2	SRI		Y	GEM31201QFC	345
5962-9159001MEA	A	01/18/2008		(NONE)	06/30/1996		SP8741 (GEN)	319
5962-9159301MKA	B	04/06/2018		(NONE)	05/10/1995		7B164 (GEN)	620
5962-9159301MYA	B	04/06/2018		(NONE)	05/10/1995		7B164 (GEN)	620
5962-9159301MZA	B	04/06/2018		(NONE)	05/10/1995		7B164 (GEN)	620
5962-9159302MKA	B	04/06/2018		(NONE)	05/10/1995		7B164 (GEN)	620

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5962-9159302MYA	B	04/06/2018		(NONE)	05/10/1995		7B164 (GEN)	620
5962-9159302MZA	B	04/06/2018		(NONE)	05/10/1995		7B164 (GEN)	620
5962-9159303MKA	B	04/06/2018		(NONE)	05/10/1995		7B164 (GEN)	620
5962-9159303MYA	B	04/06/2018		(NONE)	05/10/1995		7B164 (GEN)	620
5962-9159303MZA	B	04/06/2018		(NONE)	05/10/1995		7B164 (GEN)	620
5962-9159304MKA	B	04/06/2018		(NONE)	05/10/1995		7B166 (GEN)	620
5962-9159304MLA	B	04/06/2018		(NONE)	05/10/1995		7B166 (GEN)	620
5962-9159304MXA	B	04/06/2018		(NONE)	05/10/1995		7B166 (GEN)	620
5962-9159305MKA	B	04/06/2018		(NONE)	05/10/1995		7B166 (GEN)	620
5962-9159305MLA	B	04/06/2018		(NONE)	05/10/1995		7B166 (GEN)	620
5962-9159305MXA	B	04/06/2018		(NONE)	05/10/1995		7B166 (GEN)	620
5962-9159306MKA	B	04/06/2018		(NONE)	05/10/1995		7B166 (GEN)	620
5962-9159306MLA	B	04/06/2018		(NONE)	05/10/1995		7B166 (GEN)	620
5962-9159306MXA	B	04/06/2018		(NONE)	05/10/1995		7B166 (GEN)	620
5962-9159401MTA	B	04/02/2018		(NONE)			7B185-15 (GEN)	620
5962-9159401MYA	B	04/02/2018		(NONE)	03/05/1996		7B185-15 (GEN)	620
5962-9159401MZA	B	04/02/2018		(NONE)	03/05/1996		7B185-15 (GEN)	620
5962-9159402MTA	B	04/02/2018		(NONE)	05/10/1995		7B185-12 (GEN)	620
5962-9159402MYA	B	04/02/2018		(NONE)	03/05/1996		7B185-12 (GEN)	620
5962-9159402MZA	B	04/02/2018		(NONE)	03/05/1996		7B185-12 (GEN)	620
5962-9159403MTA	B	04/02/2018		(NONE)	05/10/1995		7B185-10 (GEN)	620
5962-9159403MYA	B	04/02/2018		(NONE)			7B185-10 (GEN)	620
5962-9159403MZA	B	04/02/2018		(NONE)			7B185-10 (GEN)	620
5962-9159501MPA	E	03/03/2014		(NONE)			MXL1062 (GEN)	805
5962-9159502MPA	E	03/03/2014		(NONE)	07/10/2015		MAX280 (GEN)	805
5962-9159701M2A	A	03/10/2010		(NONE)	09/01/1997		54F777 (GEN)	590
5962-9159701MRA	A	03/10/2010		(NONE)	09/01/1997		54F777 (GEN)	590
5962-9159701MSA	A	03/10/2010		(NONE)	09/01/1997		54F777 (GEN)	590
5962-9159901HZA	D	04/11/2017		(NONE)			7892-01 (GEN)	594
5962-9159902HZA	D	04/11/2017	1	INTER. RECT.2		Y	7892-02	594
5962-9159903HZA	D	04/11/2017	1	INTER. RECT.2		Y	7892-03	594
5962-9159904HZA	D	04/11/2017	1	INTER. RECT.2		Y	ATW2815S/CH	594
5962-9159905HZA	D	04/11/2017	1	INTER. RECT.2		Y	ATW2815S/CH-SLV	594
5962-9159906HZA	D	04/11/2017	1	INTER. RECT.2		Y	ATW2815S/CH-MSTR	594
5962-9160001HXA	E	04/11/2017	1	INTER. RECT.2		Y	AHF2805S/CH	594
5962-9160001HZA	E	04/11/2017	1	INTER. RECT.2		Y	AHF2805SF/CH	594
5962-9160101HXA	L	08/17/2015	3B	CRANE		Y	MHF+2815S/883	594
5962-9160101HXC	L	08/17/2015	3B	CRANE		Y	MHF+2815S/883	594
5962-9160101HZA	L	08/17/2015	3B	CRANE		Y	MHF+2815SF/883	594
5962-9160101HXC	L	08/17/2015	3B	CRANE		Y	MHF+2815SF/883	594
5962-9160102HXA	L	08/17/2015		(NONE)			SMHF2815S (GEN)	594
5962L9160102HXA	L	08/17/2015	1C	CRANE		Y	SMHF2815S/HL	594
5962L9160102HXC	L	08/17/2015	1C	CRANE		Y	SMHF2815S/HL	594
5962L9160102KXA	L	08/17/2015	1C	CRANE		Y	SMHF2815S/KL	594
5962L9160102KXC	L	08/17/2015	1C	CRANE		Y	SMHF2815S/KL	594
5962P9160102HXA	L	08/17/2015	1C	CRANE		Y	SMHF2815S/HP	594
5962P9160102HXC	L	08/17/2015	1C	CRANE		Y	SMHF2815S/HP	594
5962P9160102KXA	L	08/17/2015	1C	CRANE		Y	SMHF2815S/KP	594
5962P9160102KXC	L	08/17/2015	1C	CRANE		Y	SMHF2815S/KP	594

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5962R9160102HXA	L	08/17/2015	1C	CRANE		Y SMHF2815S/HR		594
5962R9160102HXC	L	08/17/2015	1C	CRANE		Y SMHF2815S/HR		594
5962R9160102KXA	L	08/17/2015	1C	CRANE		Y SMHF2815S/KR		594
5962R9160102KXC	L	08/17/2015	1C	CRANE		Y SMHF2815S/KR		594
5962-9160102HZA	L	08/17/2015		(NONE)		SMHF2815S (GEN)		594
5962L9160102HZA	L	08/17/2015	1C	CRANE		Y SMHF2815SF/HL		594
5962L9160102HZC	L	08/17/2015	1C	CRANE		Y SMHF2815SF/HL		594
5962L9160102KZA	L	08/17/2015	1C	CRANE		Y SMHF2815SF/KL		594
5962L9160102KZC	L	08/17/2015	1C	CRANE		Y SMHF2815SF/KL		594
5962P9160102HZA	L	08/17/2015	1C	CRANE		Y SMHF2815SF/HP		594
5962P9160102HZC	L	08/17/2015	1C	CRANE		Y SMHF2815SF/HP		594
5962P9160102KZA	L	08/17/2015	1C	CRANE		Y SMHF2815SF/KP		594
5962P9160102KZC	L	08/17/2015	1C	CRANE		Y SMHF2815SF/KP		594
5962R9160102HZA	L	08/17/2015	1C	CRANE		Y SMHF2815SF/HR		594
5962R9160102HZC	L	08/17/2015	1C	CRANE		Y SMHF2815SF/HR		594
5962R9160102KZA	L	08/17/2015	1C	CRANE		Y SMHF2815SF/KR		594
5962R9160102KZC	L	08/17/2015	1C	CRANE		Y SMHF2815SF/KR		594
5962-9160201HXA	E	11/21/2016	1	INTER. RECT.2		Y ATO2812T/CH		594
5962-9160201HZA	E	11/21/2016	1	INTER. RECT.2		Y ATO2812TF/CH		594
5962-9160301M2A	C	06/23/2016	3	E2V		Y 54AC169LMQB		304
5962R9160301M2A	C	06/23/2016		(NONE)		54AC169 (GEN)		304
5962R9160301V2A	C	06/23/2016		(NONE)		54AC169 (GEN)		304
5962-9160301MEA	C	06/23/2016	3	E2V		Y 54AC169DMQB		304
5962R9160301MEA	C	06/23/2016		(NONE)		54AC169 (GEN)		304
5962R9160301VEA	C	06/23/2016		(NONE)		54AC169 (GEN)		304
5962-9160301MFA	C	06/23/2016	3	E2V		Y 54AC169FMQB		304
5962R9160301MFA	C	06/23/2016		(NONE)		54AC169 (GEN)		304
5962R9160301VFA	C	06/23/2016		(NONE)		54AC169 (GEN)		304
5962-9160401M2A	B	11/23/2012	3	E2V		Y 54AC258LMQB		276
5962-9160401M2A	B	11/23/2012	3	ROCHESTER		Y 54AC258/Q2A		276
5962-9160401MEA	B	11/23/2012	3	E2V		Y 54AC258DMQB		276
5962-9160401MEA	B	11/23/2012	3	ROCHESTER		Y 54AC258/QEA		276
5962-9160401MFA	B	11/23/2012	3	E2V		Y 54AC258FMQB		276
5962-9160401MFA	B	11/23/2012	3	ROCHESTER		Y 54AC258/QFA		276
5962-9160501M2A		04/17/1992		(NONE)		54AC378 (GEN)		159
5962-9160501MEA		04/17/1992		(NONE)		54AC378 (GEN)		159
5962-9160501MFA		04/17/1992		(NONE)		54AC378 (GEN)		159
5962-9160601M3A	B	11/23/2012	3	E2V		Y 54AC821LMQB		159
5962-9160601M3A	B	11/23/2012	1	ROCHESTER		Y 54AC821/Q3A		159
5962-9160601MKA	B	11/23/2012	3	E2V		Y 54AC821FMQB		159
5962-9160601MKA	B	11/23/2012	1	ROCHESTER		Y 54AC821/QKA		159
5962-9160601MLA	B	11/23/2012	3	E2V		Y 54AC821SDMQB		159
5962-9160601MLA	B	11/23/2012	1	ROCHESTER		Y 54AC821/QLA		159
5962-9160701M2A	B	11/23/2012	3	E2V		Y 54ACT323LMQB		228
5962-9160701MRA	B	11/23/2012	3	E2V		Y 54ACT323DMQB		228
5962-9160701MSA	B	11/23/2012	3	E2V		Y 54ACT323FMQB		228
5962-9160901M3A	C	07/24/2013	3	E2V		Y 54ACT818LMQB		228
5962-9160901MKA	C	07/24/2013	3	E2V		Y 54ACT818FMQB		228
5962-9160901MLA	C	07/24/2013	3	E2V		Y 54ACT818SDMQB		228

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9161001M3A	C	08/06/2013	3	E2V		Y 54ACT823LMQB		159
5962-9161001M3A	C	08/06/2013	3	ROCHESTER		Y 54ACT823/Q3A		159
5962-9161001MKA	C	08/06/2013	3	E2V		Y 54ACT823FMQB		159
5962-9161001MKA	C	08/06/2013	3	ROCHESTER		Y 54ACT823/QKA		159
5962-9161001MLA	C	08/06/2013	3	E2V		Y 54ACT823SDMQB		159
5962-9161001MLA	C	08/06/2013	3	ROCHESTER		Y 54ACT823/QLA		159
5962-9161101M3A	C	07/24/2015	1	E2V		Y 54ACT825LMQB		159
5962-9161101M3A	C	07/24/2015	1	ROCHESTER		Y 54ACT825/Q3A		159
5962-9161101MKA	C	07/24/2015	1	E2V		Y 54ACT825FMQB		159
5962-9161101MKA	C	07/24/2015	1	ROCHESTER		Y 54ACT825/QKA		159
5962-9161101MLA	C	07/24/2015	1	E2V		Y 54ACT825DMQB		159
5962-9161101MLA	C	07/24/2015	1	ROCHESTER		Y 54ACT825/QLA		159
5962-9161201MTA	C	07/02/2015	1	PYRAMID		Y P4C1026L-45L32MB		625
5962-9161201MUA	C	07/02/2015	1	PYRAMID		Y P4C1026L-45FSMB		625
5962-9161201MXA	C	07/02/2015	1	MICROSS		Y MYX5C1005C-45L/883C		625
5962-9161201MXA	C	07/02/2015	1	PYRAMID		Y P4C1026L-45CMB		625
5962-9161201MYA	C	07/02/2015		(NONE)		84256LPS45 (GEN)		625
5962-9161201MZA	C	07/02/2015		(NONE)		84256LPS45 (GEN)		625
5962-9161202MTA	C	07/02/2015	1	PYRAMID		Y P4C1026-45L32MB		625
5962-9161202MUA	C	07/02/2015	1	PYRAMID		Y P4C1026-45FSMB		625
5962-9161202MXA	C	07/02/2015	1	MICROSS		Y MYX5C1005C-45/883C		625
5962-9161202MXA	C	07/02/2015	1	PYRAMID		Y P4C1026-45CMB		625
5962-9161202MYA	C	07/02/2015		(NONE)		84256CS45 (GEN)		625
5962-9161202MZA	C	07/02/2015		(NONE)		84256CS45 (GEN)		625
5962-9161203MTA	C	07/02/2015	1	PYRAMID		Y P4C1026L-35L32MB		625
5962-9161203MUA	C	07/02/2015	1	PYRAMID		Y P4C1026L-35FSMB		625
5962-9161203MXA	C	07/02/2015	1	MICROSS		Y MYX5C1005C-35L/883C		625
5962-9161203MXA	C	07/02/2015	1	PYRAMID		Y P4C1026L-35CMB		625
5962-9161203MYA	C	07/02/2015		(NONE)		84256LPS35 (GEN)		625
5962-9161203MZA	C	07/02/2015		(NONE)		84256LPS35 (GEN)		625
5962-9161204MTA	C	07/02/2015	1	PYRAMID		Y P4C1026-35L32MB		625
5962-9161204MUA	C	07/02/2015	1	PYRAMID		Y P4C1026-35FSMB		625
5962-9161204MXA	C	07/02/2015	1	MICROSS		Y MYX5C1005C-35/883C		625
5962-9161204MXA	C	07/02/2015	1	PYRAMID		Y P4C1026-35CMB		625
5962-9161204MYA	C	07/02/2015		(NONE)		84256CS35 (GEN)		625
5962-9161204MZA	C	07/02/2015		(NONE)		84256CS35 (GEN)		625
5962-9161205MTA	C	07/02/2015	1	PYRAMID		Y P4C1026L-25L32MB		625
5962-9161205MUA	C	07/02/2015	1	PYRAMID		Y P4C1026L-25FSMB		625
5962-9161205MXA	C	07/02/2015	1	MICROSS		Y MYX5C1005C-25L/883C		625
5962-9161205MXA	C	07/02/2015	1	PYRAMID		Y P4C1026L-25CMB		625
5962-9161205MYA	C	07/02/2015		(NONE)		84256LPS25 (GEN)		625
5962-9161205MZA	C	07/02/2015		(NONE)		84256LPS25 (GEN)		625
5962-9161206MTA	C	07/02/2015	1	PYRAMID		Y P4C1026-25L32MB		625
5962-9161206MUA	C	07/02/2015	1	PYRAMID		Y P4C1026-25FSMB		625
5962-9161206MXA	C	07/02/2015	1	MICROSS		Y MT5C1005C-25/883C		625
5962-9161206MXA	C	07/02/2015	1	PYRAMID		Y P4C1026-25CMB		625
5962-9161206MYA	C	07/02/2015		(NONE)		84256CS25 (GEN)		625
5962-9161206MZA	C	07/02/2015		(NONE)		84256CS25 (GEN)		625
5962-9161207MMA	C	07/02/2015		(NONE)		5C1005-20L (GEN)		625



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5962-9161207MTA	C	07/02/2015	1	PYRAMID		Y P4C1026L-20L32MB		625
5962-9161207MUA	C	07/02/2015	1	PYRAMID		Y P4C1026L-20FSMB		625
5962-9161207MXA	C	07/02/2015	1	MICROSS		Y MT5C1005C-20L/883C		625
5962-9161207MXA	C	07/02/2015	1	PYRAMID		Y P4C1026L-20CMB		625
5962-9161207MYA	C	07/02/2015		(NONE)		84256LPS20 (GEN)		625
5962-9161207MZA	C	07/02/2015		(NONE)		84256LPS20 (GEN)		625
5962-9161208MMA	C	07/02/2015		(NONE)		5C1005-20 (GEN)		625
5962-9161208MTA	C	07/02/2015	1	PYRAMID		Y P4C1026-20L32MB		625
5962-9161208MUA	C	07/02/2015	1	PYRAMID		Y P4C1026-20FSMB		625
5962-9161208MXA	C	07/02/2015	1	MICROSS		Y MT5C1005C-20/883C		625
5962-9161208MXA	C	07/02/2015	1	PYRAMID		Y P4C1026-20CMB		625
5962-9161208MYA	C	07/02/2015		(NONE)		84256CS20 (GEN)		625
5962-9161208MZA	C	07/02/2015		(NONE)		84256CS20 (GEN)		625
5962-9161209MMA	C	07/02/2015		(NONE)		5C1005-15L (GEN)		625
5962-9161209MTA	C	07/02/2015	1	PYRAMID		Y P4C1026L-15L32MB		625
5962-9161209MUA	C	07/02/2015	1	PYRAMID		Y P4C1026L-15FSMB		625
5962-9161209MXA	C	07/02/2015	1	MICROSS		Y MT5C1005C-15L/883C		625
5962-9161209MXA	C	07/02/2015	1	PYRAMID		Y P4C1026L-15CMB		625
5962-9161210MMA	C	07/02/2015		(NONE)		5C1005-15 (GEN)		625
5962-9161210MTA	C	07/02/2015	1	PYRAMID		Y P4C1026-15L32MB		625
5962-9161210MUA	C	07/02/2015	1	PYRAMID		Y P4C1026-15FSMB		625
5962-9161210MXA	C	07/02/2015	1	MICROSS		Y MT5C1005C-15/883C		625
5962-9161210MXA	C	07/02/2015	1	PYRAMID		Y P4C1026-15CMB		625
5962-9161301HZA	D	05/02/2017	1	INTER. RECT.2		Y ATW2815D/CH		594
5962-9161302HZA	D	05/02/2017	1	INTER. RECT.2		Y ATW2815D/CH-SLV		594
5962-9161303HZA	D	05/02/2017	1	INTER. RECT.2		Y ATW2815D/CH-MSTR		594
5962-9161401HXA	N	06/16/2015	3B	CRANE		Y MHF+2815D/883		594
5962-9161401HXC	N	06/16/2015	3B	CRANE		Y MHF+2815D/883		594
5962-9161401HZA	N	06/16/2015	3B	CRANE		Y MHF+2815DF/883		594
5962-9161401HXC	N	06/16/2015	3B	CRANE		Y MHF+2815DF/883		594
5962-9161402HXA	N	06/16/2015		(NONE)		SMHF2815D (GEN)		594
5962L9161402HXA	N	06/16/2015	1C	CRANE		Y SMHF2815D/HL		594
5962L9161402HXC	N	06/16/2015	1C	CRANE		Y SMHF2815D/HL		594
5962L9161402KXA	N	06/16/2015	1C	CRANE		Y SMHF2815D/KL		594
5962L9161402KXC	N	06/16/2015	1C	CRANE		Y SMHF2815D/KL		594
5962P9161402HXA	N	06/16/2015	1C	CRANE		Y SMHF2815D/HP		594
5962P9161402HXC	N	06/16/2015	1C	CRANE		Y SMHF2815D/HP		594
5962P9161402KXA	N	06/16/2015	1C	CRANE		Y SMHF2815D/KP		594
5962P9161402KXC	N	06/16/2015	1C	CRANE		Y SMHF2815D/KP		594
5962R9161402HXA	N	06/16/2015	1C	CRANE		Y SMHF2815D/HR		594
5962R9161402HXC	N	06/16/2015	1C	CRANE		Y SMHF2815D/HR		594
5962R9161402KXA	N	06/16/2015	1C	CRANE		Y SMHF2815D/KR		594
5962R9161402KXC	N	06/16/2015	1C	CRANE		Y SMHF2815D/KR		594
5962-9161402HZA	N	06/16/2015		(NONE)		SMHF2815D (GEN)		594
5962L9161402HZA	N	06/16/2015	1C	CRANE		Y SMHF2815DF/HL		594
5962L9161402HXC	N	06/16/2015	1C	CRANE		Y SMHF2815DF/HL		594
5962L9161402KZA	N	06/16/2015	1C	CRANE		Y SMHF2815DF/KL		594
5962L9161402KXC	N	06/16/2015	1C	CRANE		Y SMHF2815DF/KL		594
5962P9161402HZA	N	06/16/2015	1C	CRANE		Y SMHF2815DF/HP		594

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5962P9161402HZC	N	06/16/2015	1C	CRANE		Y SMHF2815DF/HP		594
5962P9161402KZA	N	06/16/2015	1C	CRANE		Y SMHF2815DF/KP		594
5962P9161402KZC	N	06/16/2015	1C	CRANE		Y SMHF2815DF/KP		594
5962R9161402HZA	N	06/16/2015	1C	CRANE		Y SMHF2815DF/HR		594
5962R9161402HZC	N	06/16/2015	1C	CRANE		Y SMHF2815DF/HR		594
5962R9161402KZA	N	06/16/2015	1C	CRANE		Y SMHF2815DF/KR		594
5962R9161402KZC	N	06/16/2015	1C	CRANE		Y SMHF2815DF/KR		594
5962-9161501HXC	B	03/28/1994		(NONE)		1510-369/2 (GEN)		594
5962-9161701MXA	F	04/11/2016	2	IDT		Y IDT7025S70GB		622
5962-9161701MYA	F	04/11/2016	2	IDT		Y IDT7025S70FB		622
5962-9161702MXA	F	04/11/2016	2	IDT		Y IDT7025L70GB		622
5962-9161702MYA	F	04/11/2016	2	IDT		Y IDT7025L70FB		622
5962-9161703MXA	F	04/11/2016	2	IDT		Y IDT7025S55GB		622
5962-9161703MYA	F	04/11/2016	2	IDT		Y IDT7025S55FB		622
5962-9161704MXA	F	04/11/2016	2	IDT		Y IDT7025L55GB		622
5962-9161704MYA	F	04/11/2016	2	IDT		Y IDT7025L55FB		622
5962-9161705MXA	F	04/11/2016	2	IDT		Y IDT7025S45GB		622
5962-9161705MYA	F	04/11/2016	2	IDT		Y IDT7025S45FB		622
5962-9161706MXA	F	04/11/2016	2	IDT		Y IDT7025L45GB		622
5962-9161706MYA	F	04/11/2016	2	IDT		Y IDT7025L45FB		622
5962-9161706QZC	F	04/11/2016	2	ATMEL NANTES		Y MMK2-67025EV-45MQ		622
5962-9161706VZC	F	04/11/2016	2	ATMEL NANTES		Y SMK2-67025EV-45SV		622
5962-9161707MXA	F	04/11/2016	2	IDT		Y IDT7025S35GB		622
5962-9161707MYA	F	04/11/2016	2	IDT		Y IDT7025S35FB		622
5962-9161708MXA	F	04/11/2016	2	IDT		Y IDT7025L35GB		622
5962-9161708MYA	F	04/11/2016	2	IDT		Y IDT7025L35FB		622
5962-9161709Q9A	F	04/11/2016	2	ATMEL NANTES		Y MM0-67025EV-30MQ		622
5962-9161709V9A	F	04/11/2016	2	ATMEL NANTES		Y SM0-67025EV-30SV		622
5962-9161709QZC	F	04/11/2016	2	ATMEL NANTES		Y MMK2-67025EV-30MQ		622
5962-9161709VZC	F	04/11/2016	2	ATMEL NANTES		Y SMK2-67025EV-30SV		622
5962-9161801MXA	A	01/28/2013		(NONE)	04/28/1998	72031 (GEN)		670
5962-9161802MXA	A	01/28/2013		(NONE)	04/28/1998	72031 (GEN)		670
5962-9161901MPA	A	09/28/2000		(NONE)	03/30/2001	LTC1042 (GEN)		779
5962-9162101HXA	D	03/12/2014	1	APEX		Y PA83M/883		724
5962-9162301MXA	G	04/24/2013		(NONE)		34020-28 (GEN)		429
5962-9162301MYA	G	04/24/2013		(NONE)		34020-28 (GEN)		429
5962-9162302MXA	G	04/24/2013		(NONE)		34020-30 (GEN)		429
5962-9162302MYA	G	04/24/2013		(NONE)		34020-30 (GEN)		429
5962-9162303MXA	G	04/24/2013	3	TI		Y SMJ34020AGBM32		429
5962-9162303MXC	G	04/24/2013	3	TI		Y SMJ34020AGBM32		429
5962-9162303MYA	G	04/24/2013		(NONE)	11/28/2015	34020A-32 (GEN)		429
5962-9162304MXA	G	04/24/2013	3	TI		Y SMJ34020AGBM40		429
5962-9162304MXC	G	04/24/2013	3	TI		Y SMJ34020AGBM40		429
5962-9162304MYA	G	04/24/2013	3	TI		Y SMJ34020AHTM40		429
5962-9162401MXA	A	10/30/2012		(NONE)		7C266-45 (GEN)		660
5962-9162401MYA	A	10/30/2012		(NONE)		7C266-45 (GEN)		660
5962-9162402MXA	A	10/30/2012		(NONE)		7C266-25 (GEN)		660
5962-9162402MYA	A	10/30/2012		(NONE)		7C266-25 (GEN)		660
5962-9162501HXA	E	08/18/2016	1	INTER. RECT.2		Y AHE2815S/CH		594

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5962-9162501HXC	E	08/18/2016	1	INTER. RECT.2		Y AHE2815S/CH		594
5962-9162501HZA	E	08/18/2016	1	INTER. RECT.2		Y AHE2815SF/CH		594
5962-9162501HZC	E	08/18/2016	1	INTER. RECT.2		Y AHE2815SF/CH		594
5962-9162502HXA	E	08/18/2016	1	INTER. RECT.2		Y AHE2815S/CH-SLV		594
5962-9162502HXC	E	08/18/2016	1	INTER. RECT.2		Y AHE2815S/CH-SLV		594
5962-9162502HZA	E	08/18/2016	1	INTER. RECT.2		Y AHE2815SF/CH-SLV		594
5962-9162502HZC	E	08/18/2016	1	INTER. RECT.2		Y AHE2815SF/CH-SLV		594
5962-9162503HXA	E	08/18/2016	1	INTER. RECT.2		Y AHE2815S/CH-MSTR		594
5962-9162503HXC	E	08/18/2016	1	INTER. RECT.2		Y AHE2815S/CH-MSTR		594
5962-9162503HZA	E	08/18/2016	1	INTER. RECT.2		Y AHE2815SF/CH-MSTR		594
5962-9162503HZC	E	08/18/2016	1	INTER. RECT.2		Y AHE2815SF/CH-MSTR		594
5962-9162701M2A	B	02/19/2014		TI		Y SNJ54AS1000AFK		500
5962-9162701MCA	B	02/19/2014		TI		Y SNJ54AS1000AJ		500
5962-9162701MDA	B	02/19/2014		(NONE)	11/28/2015	54AS1000A (GEN)		500
5962-9162901MXA	B	11/03/2014	3	E2V		Y 100314DMQB		579
5962-9162901VXA	B	11/03/2014		(NONE)	12/03/2008	100314 (GEN)		579
5962-9162901MYA	B	11/03/2014	3	E2V		Y 100314FMQB		579
5962-9162901VYA	B	11/03/2014		(NONE)	12/03/2008	100314 (GEN)		579
5962-9163001MEA		12/31/1991		(NONE)		54HCT4052 (NONE)		192
5962-9163101MIA	B	01/16/2014	1	E2V		Y LM122H/883		814
5962-9163201MCA	D	02/09/2016	1	MICROSS		Y MTLT1079QD		713
5962-9163202MCA	D	02/09/2016	1	MICROSS		Y MTLT1079AQD		713
5962-9163203MGA	D	02/09/2016		(NONE)		LT1078 (GEN)		713
5962-9163203MPA	D	02/09/2016	1	MICROSS		Y MTLT1078QD8		713
5962-9163203MXA	D	02/09/2016	1	MICROSS		Y MTLT1078QH		713
5962-9163204MGA	D	02/09/2016		(NONE)		LT1078A (GEN)		713
5962-9163204MPA	D	02/09/2016	1	MICROSS		Y MTLT1078AQD8		713
5962-9163204MXA	D	02/09/2016	1	MICROSS		Y MTLT1078AQH		713
5962-9163401M2A	A	06/21/2010		(NONE)	09/24/2000	HA-5221 (GEN)		701
5962-9163401MPA	A	06/21/2010		(NONE)	09/24/2000	HA-5221 (GEN)		701
5962-9163402M2A	A	06/21/2010		(NONE)		HA-5222 (GEN)		710
5962-9163402MPA	A	06/21/2010		(NONE)		HA-5222 (GEN)		710
5962-9163901M2A	D	02/16/2017	1	TI		Y AM26C31		569
5962-9163901M2A	D	02/16/2017	1	TI		Y DS26C31ME/883		569
5962-9163901Q2A	D	02/16/2017	1	TI		Y AM26C31MFKB		569
5962-9163901MEA	D	02/16/2017	1	TI		Y AM26C31		569
5962-9163901MEA	D	02/16/2017	1	TI		Y DS26C31MJ/883		569
5962-9163901QEA	D	02/16/2017	1	TI		Y AM26C31MJB		569
5962-9163901MFA	D	02/16/2017	1	TI		Y AM26C31		569
5962-9163901MFA	D	02/16/2017	1	TI		Y DS26C31MW/883		569
5962-9163901QFA	D	02/16/2017	1	TI		Y AM26C31MWB		569
5962-9163901MXA	D	02/16/2017		(NONE)	12/03/2008	26C31 (GEN)		569
5962-9164001M2A	D	02/23/2017	1	TI		Y DS26C32AME/883		575
5962-9164001Q2A	D	02/23/2017	2	TI		Y AM26C32MFKB		575
5962-9164001MEA	D	02/23/2017	1	TI		Y DS26C32AMJ/883		575
5962-9164001QEA	D	02/23/2017	2	TI		Y AM26C32MJB		575
5962-9164001MFA	D	02/23/2017	1	TI		Y DS26C32AMW/883		575
5962-9164001QFA	D	02/23/2017	2	TI		Y AM26C32MWB		575
5962-9164001MXA	D	02/23/2017	1	TI		Y DS26C32MWG/883		575

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5962-9164101MJA	B	07/07/2010		(NONE)			DP8572 (GEN)	422
5962-9164701MLA	C	10/15/2018	1	ANALOG (2)		Y	AD7244SQ/883B	591
5962-9165201M3A	D	03/05/2018		(NONE)	09/28/2018		TDC1112-1 (GEN)	591
5962-9165201MJA	D	03/05/2018		(NONE)	09/28/2018		TDC1112-1 (GEN)	591
5962-9165202M3A	D	03/05/2018		(NONE)	09/28/2018		TDC1112-2 (GEN)	591
5962-9165202MJA	D	03/05/2018		(NONE)	09/28/2018		TDC1112-2 (GEN)	591
5962-9165301M2A	E	02/15/2019	2	MICROSEMI (1)		Y	SG1644L-DESC	899
5962-9165301MCA	E	02/15/2019	2	MICROSEMI (1)		Y	SG1644J-DESC	899
5962-9165301MGA	E	02/15/2019	2	MICROSEMI (1)		Y	SG1644T-DESC	899
5962-9165301MPA	E	02/15/2019	2	MICROSEMI (1)		Y	SG1644Y-DESC	899
5962-9165401MXA	B	05/19/2014	3	E2V		Y	100355DMQB	399
5962-9165401VXA	B	05/19/2014		(NONE)	12/03/2008		100355 (GEN)	399
5962-9165401MYA	B	05/19/2014	3	E2V		Y	100355FMQB	399
5962-9165401VYA	B	05/19/2014		(NONE)	12/03/2008		100355 (GEN)	399
5962-9165501MXA	C	12/16/2016	3	E2V		Y	100363DMQB	279
5962-9165501MYA	C	12/16/2016	3	E2V		Y	100363FMQB	279
5962-9166101M2A	A	03/18/2010		(NONE)			54LS442 (GEN)	590
5962-9166101MRA	A	03/18/2010		(NONE)			54LS442 (GEN)	590
5962-9166101MSA	A	03/18/2010		(NONE)			54LS442 (GEN)	590
5962-9166201MXA	C	05/22/2015	2	IDT		Y	IDT7024S70GB	620
5962-9166201MYA	C	05/22/2015	2	IDT		Y	IDT7024S70FB	620
5962-9166202MXA	C	05/22/2015	2	IDT		Y	IDT7024L70GB	620
5962-9166202MYA	C	05/22/2015	2	IDT		Y	IDT7024L70FB	620
5962-9166203MXA	C	05/22/2015	2	IDT		Y	IDT7024S55GB	620
5962-9166203MYA	C	05/22/2015	2	IDT		Y	IDT7024S55FB	620
5962-9166204MXA	C	05/22/2015	2	IDT		Y	IDT7024L55GB	620
5962-9166204MYA	C	05/22/2015	2	IDT		Y	IDT7024L55FB	620
5962-9166205MXA	C	05/22/2015	2	IDT		Y	IDT7024S45GB	620
5962-9166205MYA	C	05/22/2015	2	IDT		Y	IDT7024S45FB	620
5962-9166206MXA	C	05/22/2015	2	IDT		Y	IDT7024L45GB	620
5962-9166206MYA	C	05/22/2015	2	IDT		Y	IDT7024L45FB	620
5962-9166207MXA	C	05/22/2015	2	IDT		Y	IDT7024S35GB	620
5962-9166207MYA	C	05/22/2015	2	IDT		Y	IDT7024S35FB	620
5962-9166208MXA	C	05/22/2015	2	IDT		Y	IDT7024L35GB	620
5962-9166208MYA	C	05/22/2015	2	IDT		Y	IDT7024L35FB	620
5962-9166209MXA	C	05/22/2015	2	IDT		Y	IDT7024S25GB	620
5962-9166209MYA	C	05/22/2015	2	IDT		Y	IDT7024S25FB	620
5962-9166210MXA	C	05/22/2015	2	IDT		Y	IDT7024L25GB	620
5962-9166210MYA	C	05/22/2015	2	IDT		Y	IDT7024L25FB	620
5962-9166211MXA	C	05/22/2015	2	IDT		Y	IDT7024S20GB	620
5962-9166211MYA	C	05/22/2015	2	IDT		Y	IDT7024S20FB	620
5962-9166212MXA	C	05/22/2015	2	IDT		Y	IDT7024L20GB	620
5962-9166212MYA	C	05/22/2015	2	IDT		Y	IDT7024L20FB	620
5962-9166401HXA	G	06/16/2015	3B	CRANE		Y	MHF+2812S/883	594
5962-9166401HXC	G	06/16/2015	3B	CRANE		Y	MHF+2812S/883	594
5962-9166401HZA	G	06/16/2015	3B	CRANE		Y	MHF+2812SF/883	594
5962-9166401HZA	G	06/16/2015	3B	CRANE		Y	MHF+2812SF/883	594
5962-9166402HXA	G	06/16/2015		(NONE)			SMHF2812S (GEN)	594
5962L9166402HXA	G	06/16/2015	1C	CRANE		Y	SMHF2812S/HL	594

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5962L9166402HXC	G	06/16/2015	1C	CRANE		Y SMHF2812S/HL		594
5962L9166402KXA	G	06/16/2015	1C	CRANE		Y SMHF2812S/KL		594
5962L9166402KXC	G	06/16/2015	1C	CRANE		Y SMHF2812S/KL		594
5962P9166402HXA	G	06/16/2015	1C	CRANE		Y SMHF2812S/HP		594
5962P9166402HXC	G	06/16/2015	1C	CRANE		Y SMHF2812S/HP		594
5962P9166402KXA	G	06/16/2015	1C	CRANE		Y SMHF2812S/KP		594
5962P9166402KXC	G	06/16/2015	1C	CRANE		Y SMHF2812S/KP		594
5962R9166402HXA	G	06/16/2015	1C	CRANE		Y SMHF2812S/HR		594
5962R9166402HXC	G	06/16/2015	1C	CRANE		Y SMHF2812S/HR		594
5962R9166402KXA	G	06/16/2015	1C	CRANE		Y SMHF2812S/KR		594
5962R9166402KXC	G	06/16/2015	1C	CRANE		Y SMHF2812S/KR		594
5962-9166402HZA	G	06/16/2015		(NONE)		SMHF2812S (GEN)		594
5962L9166402HZA	G	06/16/2015	1C	CRANE		Y SMHF2812SF/HL		594
5962L9166402HZA	G	06/16/2015	1C	CRANE		Y SMHF2812SF/HL		594
5962L9166402KZA	G	06/16/2015	1C	CRANE		Y SMHF2812SF/KL		594
5962L9166402KZC	G	06/16/2015	1C	CRANE		Y SMHF2812SF/KL		594
5962P9166402HZA	G	06/16/2015	1C	CRANE		Y SMHF2812SF/HP		594
5962P9166402HZA	G	06/16/2015	1C	CRANE		Y SMHF2812SF/HP		594
5962P9166402KZA	G	06/16/2015	1C	CRANE		Y SMHF2812SF/KP		594
5962P9166402KZC	G	06/16/2015	1C	CRANE		Y SMHF2812SF/KP		594
5962R9166402HZA	G	06/16/2015	1C	CRANE		Y SMHF2812SF/HR		594
5962R9166402HZA	G	06/16/2015	1C	CRANE		Y SMHF2812SF/HR		594
5962R9166402KZA	G	06/16/2015	1C	CRANE		Y SMHF2812SF/KR		594
5962R9166402KZC	G	06/16/2015	1C	CRANE		Y SMHF2812SF/KR		594
5962-9166501HXA	B	05/24/2000		(NONE)	09/27/2002	CLC232A (GEN)		755
5962-9166601MPA	A	01/19/2011		(NONE)		CLC422 (GEN)		719
5962-9166701QEA	H	11/14/2017		(NONE)	12/03/2008	LM2941 (GEN)		780
5962-9166701VEA	H	11/14/2017		(NONE)	12/03/2008	LM2941 (GEN)		780
5962-9166701QXA	H	11/14/2017		(NONE)	09/09/1999	LM2941 (GEN)		780
5962-9166701QYA	H	11/14/2017		(NONE)	06/24/2011	LM2941 (GEN)		780
5962-9166701VYA	H	11/14/2017		(NONE)	06/24/2011	LM2941 (GEN)		780
5962R9166702V9A	H	11/14/2017	1	TI		Y LM2941 MDE		780
5962R9166702VYA	H	11/14/2017		(NONE)	06/24/2011	LM2941 (GEN)		780
5962-9166703QYA	H	11/14/2017	1B	TI		Y LM2941GW/883		780
5962-9166703VYA	H	11/14/2017	1B	TI		Y LM2941GW-QMLV		780
5962R9166704VYA	H	11/14/2017	1B	TI		Y LM2941GWRLQMLV		780
5962-9166801Q2A	A	03/22/2010		(NONE)	08/15/1999	TL598 (GEN)		787
5962-9166801QEA	A	03/22/2010		(NONE)	08/15/1999	TL598 (GEN)		787
5962-9166901Q2A	A	07/02/2008		(NONE)	08/15/1999	TL751L05 (GEN)		782
5962-9166901QPA	A	07/02/2008		(NONE)	08/15/1999	TL751L05 (GEN)		782
5962-9167001Q2A	A	03/22/2010		(NONE)	08/15/1999	TL751L12 (GEN)		782
5962-9167001QPA	A	03/22/2010		(NONE)	08/15/1999	TL751L12 (GEN)		782
5962-9167101MEA	C	04/01/2003		(NONE)	03/11/2010	LM1575-ADJ (GEN)		786
5962-9167101MXA	C	04/01/2003		(NONE)	12/03/2008	LM1575-ADJ (GEN)		786
5962-9167101QYA	C	04/01/2003		(NONE)		LM1575ADJ (GEN)		786
5962-9167101QZA	C	04/01/2003		(NONE)	12/03/2008	LM1575ADJ (GEN)		786
5962-9167102QXA	C	04/01/2003		(NONE)	06/07/2001	LM1575ADJ (GEN)		786
5962-9167201QEA	D	10/25/2004		(NONE)	12/03/2008	LM1575-5.0 (GEN)		782
5962-9167201MXA	D	10/25/2004		(NONE)	12/03/2008	LM1575-5.0 (GEN)		782



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5962-9167201QYA	D	10/25/2004		(NONE)			LM15755.0 (GEN)	782
5962-9167201QZA	D	10/25/2004		(NONE)	12/03/2008		LM15755.0 (GEN)	782
5962-9167202QXA	D	10/25/2004		(NONE)	12/01/2009		LM15755HV5 (GEN)	782
5962-9167301QEA	B	07/06/2000		(NONE)	12/03/2008		LM1575-12 (GEN)	789
5962-9167301QXA	B	07/06/2000		(NONE)			LM157512 (GEN)	789
5962-9167301QYA	B	07/06/2000		(NONE)			LM157512 (GEN)	789
5962-9167301QZA	B	07/06/2000		(NONE)	12/03/2008		LM157512 (GEN)	789
5962-9167302QXA	B	07/06/2000		(NONE)	06/07/2001		LM157512 (GEN)	789
5962-9167401QEA	B	12/21/2004		(NONE)	12/03/2008		LM157515 (GEN)	789
5962-9167401QXA	B	12/21/2004		(NONE)			LM157515 (GEN)	789
5962-9167401QYA	B	12/21/2004		(NONE)			LM157515 (GEN)	789
5962-9167401QZA	B	12/21/2004		(NONE)	12/03/2008		LM157515 (GEN)	789
5962-9167402QXA	B	12/21/2004		(NONE)			LM157515 (GEN)	789
5962-9167501MPA	A	03/18/2008		(NONE)	09/30/1993		EL2232 (GEN)	710
5962-9167601HXA	D	07/21/2005		(NONE)			66079 (GEN)	460
5962-9167601KXA	D	07/21/2005		(NONE)			66079 (GEN)	460
5962-9167601HYA	D	07/21/2005		(NONE)			66079 (GEN)	460
5962-9167601KYA	D	07/21/2005		(NONE)			66079 (GEN)	460
5962-9167701MXA	B	09/14/2015	3	E2V		Y	CY7C460A-80DMB	670
5962-9167701MYA	B	09/14/2015	3	E2V		Y	CY7C460A-80/MYA	670
5962-9167701MZA	B	09/14/2015	3	E2V		Y	CY7C460A-80LMB	670
5962-9167702MXA	B	09/14/2015	3	E2V		Y	CY7C460A-50DMB	670
5962-9167702MYA	B	09/14/2015	1	IDT		Y	IDT7205L50DB	670
5962-9167702MYA	B	09/14/2015	3	E2V		Y	CY7C460A-50/MYA	670
5962-9167702MYA	B	09/14/2015	1	IDT		Y	IDT7205L50TDB	670
5962-9167702MZA	B	09/14/2015	3	E2V		Y	CY7C460A-50LMB	670
5962-9167702MZA	B	09/14/2015	1	IDT		Y	IDT7205L50LB	670
5962-9167703MXA	B	09/14/2015	3	E2V		Y	CY7C460A-30DMB	670
5962-9167703MXA	B	09/14/2015	1	IDT		Y	IDT7205L30DB	670
5962-9167703MYA	B	09/14/2015	3	E2V		Y	CY7C460A-30/MYA	670
5962-9167703MYA	B	09/14/2015	1	IDT		Y	IDT7205L30TDB	670
5962-9167703MZA	B	09/14/2015	3	E2V		Y	CY7C460A-30LMB	670
5962-9167703MZA	B	09/14/2015	1	IDT		Y	IDT7205L30LB	670
5962-9168201MXA	B	04/19/2018		(NONE)			29C010 (GEN)	669
5962-9168201MYA	B	04/19/2018		(NONE)			29C010 (GEN)	669
5962-9168202MXA	B	04/19/2018		(NONE)			29C010 (GEN)	669
5962-9168202MYA	B	04/19/2018		(NONE)			29C010 (GEN)	669
5962-9168203MXA	B	04/19/2018		(NONE)			29C010 (GEN)	669
5962-9168203MYA	B	04/19/2018		(NONE)			29C010 (GEN)	669
5962-9168701HXA	E	01/31/2008		(NONE)			NHI-1553 (GEN)	590
5962-9168701HYA	E	01/31/2008		(NONE)			NHI-1553 (GEN)	590
5962-9168702HXA	E	01/31/2008		(NONE)			NHI-1554 (GEN)	590
5962-9168702HYA	E	01/31/2008		(NONE)			NHI-1554 (GEN)	590
5962-9168703HUA	E	01/31/2008		(NONE)			NHI-1561 (GEN)	590
5962-9168703HZA	E	01/31/2008		(NONE)			NHI-1561 (GEN)	590
5962-9168704HUA	E	01/31/2008		(NONE)			NHI-1562 (GEN)	590
5962-9168704HZA	E	01/31/2008		(NONE)			NHI-1562 (GEN)	590
5962-9168705HXA	E	01/31/2008		(NONE)			NHI-1572 (GEN)	590
5962-9168705HYA	E	01/31/2008		(NONE)			NHI-1572 (GEN)	590

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5962-9168706HXA	E	01/31/2008		(NONE)			NHI-1576 (GEN)	590
5962-9168706HYA	E	01/31/2008		(NONE)			NHI-1576 (GEN)	590
5962-9168707HUA	E	01/31/2008		(NONE)			NHI-1591 (GEN)	590
5962-9168707HZA	E	01/31/2008		(NONE)			NHI-1591 (GEN)	590
5962-9168708HUA	E	01/31/2008		(NONE)			NHI-1592 (GEN)	590
5962-9168708HZA	E	01/31/2008		(NONE)			NHI-1592 (GEN)	590
5962-9168709HUA	E	01/31/2008		(NONE)			NHI-15101 (GEN)	590
5962-9168709HZA	E	01/31/2008		(NONE)			NHI-15101 (GEN)	590
5962-9168710HUA	E	01/31/2008		(NONE)			NHI-15102 (GEN)	590
5962-9168710HZA	E	01/31/2008		(NONE)			NHI-15102 (GEN)	590
5962-9168901MXA	C	12/12/2017		(NONE)	12/31/2001		UC1625 (GEN)	899
5962-9168902VYA	C	12/12/2017	2	TI		Y	UC1625-SP	899
5962-9169001M3A	F	04/06/2015		(NONE)			674ZA (GEN)	592
5962-9169001MXC	F	04/06/2015		(NONE)			674ZA (GEN)	592
5962-9169002M3A	F	04/06/2015		(NONE)			674ZB (GEN)	592
5962-9169002MXC	F	04/06/2015		(NONE)			674ZB (GEN)	592
5962-9169003M3A	F	04/06/2015	1	ANALOG (2)		Y	AD674BTE/883B	592
5962-9169003MXA	F	04/06/2015	1	ANALOG (2)		Y	AD674BTD/883	592
5962-9169004M3C	F	04/06/2015		(NONE)			SP674AT (GEN)	592
5962-9169004MXC	F	04/06/2015		(NONE)			SP674AT (GEN)	592
5962-9169005M3A	F	04/06/2015		(NONE)	12/17/2009		AD674 (GEN)	592
5962-9169101M3A	B	09/23/2014		(NONE)			5101A-S (GEN)	592
5962-9169101Q3C	B	09/23/2014	2	XTREME		Y	5101A-SE8B	592
5962-9169101MXA	B	09/23/2014		(NONE)			5101A-S (GEN)	592
5962-9169101QXC	B	09/23/2014	2	XTREME		Y	5101A-SD8B	592
5962-9169102M3A	B	09/23/2014		(NONE)			5101A-T (GEN)	592
5962-9169102Q3C	B	09/23/2014	2	XTREME		Y	5101A-TE8B	592
5962-9169102MXA	B	09/23/2014		(NONE)			5101A-T (GEN)	592
5962-9169102QXC	B	09/23/2014	2	XTREME		Y	5101A-TD8B	592
5962-9169201M3A	B	04/17/2014		(NONE)			5102A-S (GEN)	592
5962-9169201Q3C	B	04/17/2014	2	XTREME		Y	5102A-SEB	592
5962-9169201MXA	B	04/17/2014		(NONE)			5102A-S (GEN)	592
5962-9169201QXC	B	04/17/2014	2	XTREME		Y	5102A-SDB	592
5962-9169202M3A	B	04/17/2014		(NONE)			5102A-T (GEN)	592
5962-9169202Q3C	B	04/17/2014	2	XTREME		Y	5102A-TEB	592
5962-9169202MXA	B	04/17/2014		(NONE)			5102A-T (GEN)	592
5962-9169202QXC	B	04/17/2014	2	XTREME		Y	5102A-TDB	592
5962-9169301M2A	C	05/04/2001		(NONE)	03/04/2003		CLC414A (GEN)	713
5962-9169301MCA	C	05/04/2001		(NONE)	03/04/2003		CLC414A (GEN)	713
5962-9169401M2A	F	01/16/2014		(NONE)			CLC520A (GEN)	751
5962-9169401MCA	F	01/16/2014	1	ROCHESTER		Y	CLC520A/BCA	751
5962-9169501M3A	B	11/17/2017		(NONE)	08/04/1995		PALCE610H-20 (GEN)	431
5962-9169501MLA	B	11/17/2017		(NONE)	08/04/1995		PALCE610H-20 (GEN)	431
5962-9169601M3C	A	04/19/1996		(NONE)	04/01/2000		29C525-25 (GEN)	249
5962-9169601MUA	A	04/19/1996		(NONE)			29C525-25 (GEN)	249
5962-9169601MXC	A	04/19/1996		(NONE)	04/01/2000		29C525-25 (GEN)	249
5962-9169601MYA	A	04/19/1996		(NONE)			29C525-25 (GEN)	249
5962-9169602M3C	A	04/19/1996		(NONE)	04/01/2000		29C525-20 (GEN)	249
5962-9169602MUA	A	04/19/1996		(NONE)			29C525-20 (GEN)	249

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5962-9169602MXA	A	04/19/1996		(NONE)			29C525-20 (GEN)	249
5962-9169602MYA	A	04/19/1996		(NONE)	04/01/2000		29C525-20 (GEN)	249
5962-9169701M4A	E	07/15/2008	3	E2V		Y	87C51RC/B4A	420
5962-9169701MMA	E	07/15/2008	3	E2V		Y	87C51RC/BMA	420
5962-9169701NNA	E	07/15/2008		(NONE)			87C51FC (GEN)	420
5962-9169701MTA	E	07/15/2008		(NONE)	04/15/1996		87C51FC (GEN)	420
5962-9169701MUA	E	07/15/2008		(NONE)	12/24/1997		87C51FC (GEN)	420
5962-9169701MXA	E	07/15/2008	3	E2V		Y	87C51RC/BQA	420
5962-9169701NYA	E	07/15/2008		(NONE)			87C51FC (GEN)	420
5962-9169701MZA	E	07/15/2008		(NONE)	04/15/1996		87C51FC (GEN)	420
5962-9169702M4A	E	07/15/2008	3	E2V		Y	87C51RC-16/B4A	420
5962-9169702MMA	E	07/15/2008	3	E2V		Y	87C51RC-16/BMA	420
5962-9169702NNA	E	07/15/2008		(NONE)			87C51FC-16 (GEN)	420
5962-9169702MTA	E	07/15/2008		(NONE)	04/15/1996		87C51FC-16 (GEN)	420
5962-9169702MUA	E	07/15/2008		(NONE)	12/24/1997		87C51FC-16 (GEN)	420
5962-9169702MXA	E	07/15/2008	3	E2V		Y	87C51RC-16/BQA	420
5962-9169702NYA	E	07/15/2008		(NONE)			87C51FC-16 (GEN)	420
5962-9169702MZA	E	07/15/2008		(NONE)	04/15/1996		87C51FC-16 (GEN)	420
5962-9169703NNA	E	07/15/2008		(NONE)			87C51FC (GEN)	420
5962-9169703NYA	E	07/15/2008		(NONE)			87C51FC (GEN)	420
5962-9169704NNA	E	07/15/2008		(NONE)			87C51FC-16 (GEN)	420
5962-9169704NYA	E	07/15/2008		(NONE)			87C51FC-16 (GEN)	420
5962-9170001HXA	C	08/18/2015	1	APEX		Y	PA09M/883	724
5962-9171201HXA	A	04/16/2009		(NONE)			AD1385T (GEN)	592
5962-9171601M2A	A	05/14/2010		(NONE)	09/30/1995		54F803 (GEN)	159
5962-9171601MCA	A	05/14/2010		(NONE)	09/30/1995		54F803 (GEN)	159
5962-9171601MDA	A	05/14/2010		(NONE)	09/30/1995		54F803 (GEN)	159
5962-9172201M2A	F	08/27/2014	2	E2V		Y	QP54ACT161LMQB	304
5962-9172201M2A	F	08/27/2014	2	E2V		Y	54ACT161LMQB	304
5962R9172201M2A	F	08/27/2014		(NONE)			54ACT161 (GEN)	304
5962R9172201V2A	F	08/27/2014	2	ROCHESTER		Y	54ACT161/V2A-R	304
5962-9172201MEA	F	08/27/2014	2	E2V		Y	54ACT161DMQB	304
5962-9172201MEA	F	08/27/2014	2	E2V		Y	QP54ACT161DMQB	304
5962R9172201MEA	F	08/27/2014		(NONE)			54ACT161 (GEN)	304
5962R9172201VEA	F	08/27/2014	2	ROCHESTER		Y	54ACT161/VEA-R	304
5962-9172201MFA	F	08/27/2014	2	E2V		Y	54ACT161FMQB	304
5962-9172201MFA	F	08/27/2014	2	E2V		Y	QP54ACT161FMQB	304
5962R9172201MFA	F	08/27/2014		(NONE)			54ACT161 (GEN)	304
5962R9172201VFA	F	08/27/2014	2	ROCHESTER		Y	54ACT161/VFA-R	304
5962-9172201MXA	F	08/27/2014	2	E2V		Y	QP54ACT161FMQB	304
5962R9172201VZA	F	08/27/2014		(NONE)			54ACT161 (GEN)	304
5962-9172202Q2A	F	08/27/2014	2	E2V		Y	QP54ACT161ALMQB	304
5962-9172202QEA	F	08/27/2014	2	E2V		Y	QP54ACT161ADMQB	304
5962-9172202QFA	F	08/27/2014	2	E2V		Y	QP54ACT161AFMQB	304
5962-9172202QXA	F	08/27/2014	2	E2V		Y	QP54ACT161AFMQB	304
5962-9172202VXA	F	08/27/2014		(NONE)			54ACT161 (GEN)	304
5962F9172202QXA	F	08/27/2014	2	STMICRO		Y	RHFACT161K02Q	304
5962F9172202QXC	F	08/27/2014	2	STMICRO		Y	RHFACT161K01Q	304
5962F9172202VXA	F	08/27/2014	2	STMICRO		Y	RHFACT161K02V	304

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5962F9172202VXC	F	08/27/2014	2	STMICRO		Y RHFAC161K01V		304
5962-9172301M2A	D	07/27/2016	3	E2V		Y 54ACT163LMQB		304
5962-9172301M2A	D	07/27/2016	1C	E2V		Y QP54ACT163LMQB		304
5962R9172301M2A	D	07/27/2016		(NONE)		54ACT163 (GEN)		304
5962R9172301V2A	D	07/27/2016		(NONE)		54ACT163 (GEN)		304
5962-9172301MEA	D	07/27/2016	3	E2V		Y 54ACT163DMQB		304
5962-9172301MEA	D	07/27/2016	1C	E2V		Y QP54ACT163DMQB		304
5962R9172301MEA	D	07/27/2016		(NONE)		54ACT163 (GEN)		304
5962R9172301VEA	D	07/27/2016		(NONE)		54ACT163 (GEN)		304
5962-9172301MFA	D	07/27/2016	3	E2V		Y 54ACT163FMQB		304
5962-9172301MFA	D	07/27/2016	1C	E2V		Y QP54ACT163FMQB		304
5962R9172301MFA	D	07/27/2016		(NONE)		54ACT163 (GEN)		304
5962R9172301VFA	D	07/27/2016		(NONE)		54ACT163 (GEN)		304
5962-9172302QXA	D	07/27/2016		(NONE)		54ACT163 (GEN)		304
5962-9172302VXA	D	07/27/2016		(NONE)		54ACT163 (GEN)		304
5962-9172401M3A	B	06/23/2016	1	ROCHESTER		54BCT648/B3A		590
5962-9172401MKA	B	06/23/2016	1	ROCHESTER		54BCT648/BKA		590
5962-9172401MLA	B	06/23/2016	1	ROCHESTER		54BCT648/BLA		590
5962-9172501M3A	A	08/11/2008	1	TI		Y SNJ54BCT8373AFK		399
5962-9172501MLA	A	08/11/2008	1	TI		Y SNJ54BCT8373AJT		399
5962-9172601M3A	B	03/25/2015	2	TI		Y SNJ54BCT8244AFK		399
5962-9172601MLA	B	03/25/2015	2	TI		Y SNJ54BCT8244AJT		399
5962-9172701M3A	C	06/25/2014		(NONE)		54BCT8374A (GEN)		399
5962-9172701Q3A	C	06/25/2014	2	TI		Y SNJ54BCT8374AFK		399
5962-9172701MLA	C	06/25/2014		(NONE)		54BCT8374A (GEN)		399
5962-9172701QLA	C	06/25/2014	2	TI		Y SNJ54BCT8374AJT		399
5962-9172801M3A	C	06/25/2014		(NONE)		54BCT8245A (GEN)		399
5962-9172801Q3A	C	06/25/2014	2	TI		Y SNJ54BCT8245AFK		399
5962-9172801MLA	C	06/25/2014		(NONE)		54BCT8245A (GEN)		399
5962-9172801QLA	C	06/25/2014	2	TI		Y SNJ54BCT8245AJT		399
5962-9172901MVA	C	04/20/2017	1	MICROSS		Y MTLT1180QD		590
5962-9172902MEA	C	04/20/2017	1	MICROSS		Y MTLT1181QD		590
5962-9172903MVA	C	04/20/2017	1	MICROSS		Y MTLT1280QD		590
5962-9172904MEA	C	04/20/2017	1	MICROSS		Y MTLT1281QD		590
5962-9173201M2A		03/31/1993		(NONE)		54HCT137 (GEN)		282
5962-9173201MEA		03/31/1993		(NONE)		54HCT137 (GEN)		282
5962-9173401HXA	B	04/27/1995		(NONE)		BUS61559 (GEN)		899
5962-9173401HYA	B	04/27/1995		(NONE)		BUS61569 (GEN)		899
5962-9173401HZA	B	04/27/1995		(NONE)		BUS61569 (GEN)		899
5962-9173402HXA	B	04/27/1995		(NONE)		BUS61560 (GEN)		899
5962-9173402HYA	B	04/27/1995		(NONE)		BUS61570 (GEN)		899
5962-9173402HZA	B	04/27/1995		(NONE)		BUS61570 (GEN)		899
5962-9173403HXA	B	04/27/1995		(NONE)		BUS61561 (GEN)		899
5962-9173403HYA	B	04/27/1995		(NONE)		BUS61571 (GEN)		899
5962-9173403HZA	B	04/27/1995		(NONE)		BUS61571 (GEN)		899
5962-9173404HXA	B	04/27/1995		(NONE)		BUS61559 (GEN)		899
5962-9173404HYA	B	04/27/1995		(NONE)		BUS61569 (GEN)		899
5962-9173404HZA	B	04/27/1995		(NONE)		BUS61569 (GEN)		899
5962-9173601HXA	E	10/23/2018	1	DDC		Y SDC14600-112		594

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5962-9173601HXC	E	10/23/2018	1	DDC		Y SDC14600-112		594
5962-9173602HXA	E	10/23/2018	1	DDC		Y SDC14600T-112		594
5962-9173602HXC	E	10/23/2018	1	DDC		Y SDC14600T-112		594
5962-9173603HXA	E	10/23/2018	1	DDC		Y SDC14601-112		594
5962-9173603HXC	E	10/23/2018	1	DDC		Y SDC14601-112		594
5962-9173604HXA	E	10/23/2018	1	DDC		Y SDC14601T-112		594
5962-9173604HXC	E	10/23/2018	1	DDC		Y SDC14601T-112		594
5962-9173605HXA	E	10/23/2018	1	DDC		Y SDC14605-112		594
5962-9173605HXC	E	10/23/2018	1	DDC		Y SDC14605-112		594
5962-9173606HXA	E	10/23/2018	1	DDC		Y SDC14605T-112		594
5962-9173606HXC	E	10/23/2018	1	DDC		Y SDC14605T-112		594
5962-9173607HXA	E	10/23/2018	1	DDC		Y SDC14606-112		594
5962-9173607HXC	E	10/23/2018	1	DDC		Y SDC14606-112		594
5962-9173608HXA	E	10/23/2018	1	DDC		Y SDC14606T-112		594
5962-9173608HXC	E	10/23/2018	1	DDC		Y SDC14606T-112		594
5962-9173609HXA	E	10/23/2018	1	DDC		Y SDC14605-114		594
5962-9173609HXC	E	10/23/2018	1	DDC		Y SDC14605-114		594
5962-9173610HXA	E	10/23/2018	1	DDC		Y SDC14605T-114		594
5962-9173610HXC	E	10/23/2018	1	DDC		Y SDC14605T-114		594
5962-9173611HXA	E	10/23/2018	1	DDC		Y SDC14606-114		594
5962-9173611HXC	E	10/23/2018	1	DDC		Y SDC14606-114		594
5962-9173612HXA	E	10/23/2018	1	DDC		Y SDC14606T-114		594
5962-9173612HXC	E	10/23/2018	1	DDC		Y SDC14606T-114		594
5962-9173613HXA	E	10/23/2018	1	DDC		Y SDC14601-603		594
5962-9173613HXC	E	10/23/2018	1	DDC		Y SDC14601-603		594
5962-9173801M2A	B	04/14/2014	3	ROCHESTER		Y 54F573/Q2A		341
5962-9173801MRA	B	04/14/2014	3	ROCHESTER		Y 54F573/QRA		341
5962-9173801MSA	B	04/14/2014	3	ROCHESTER		Y 54F573/QSA		341
5962-9174001MRA	A	06/02/2009		(NONE)	06/30/1995	7636AT (GEN)		591
5962-9174002MRA	A	06/02/2009		(NONE)	06/30/1995	7636AS (GEN)		591
5962-9174301M2A	E	11/16/2015	1	ROCHESTER		Y CLC502A/B2A		739
5962-9174301MPA	E	11/16/2015	1	ROCHESTER		Y CLC502A/BPA		739
5962-9174401MXA	C	04/15/2015	2	E2V		Y CY7C277-50WMB		662
5962-9174401MYA	C	04/15/2015	2	E2V		Y CY7C277-50QMB		662
5962-9174401MZA	C	04/15/2015	2	E2V		Y CY7C277-50TMB		662
5962-9174402MXA	C	04/15/2015	2	E2V		Y CY7C277-40WMB		662
5962-9174402MYA	C	04/15/2015	2	E2V		Y CY7C277-40QMB		662
5962-9174402MZA	C	04/15/2015	2	E2V		Y CY7C277-40TMB		662
5962-9174601Q3A	B	04/20/2015	1	TI		Y SNJ54BCT8240AFK		399
5962-9174601QLA	B	04/20/2015	1	TI		Y SNJ54BCT8240AJT		399
5962-9174801MJA	B	01/08/2010		(NONE)		1018A (GEN)		591
5962-9174802MJA	B	01/08/2010		(NONE)		1018B (GEN)		591
5962-9174901HXA	E	07/20/2015		(NONE)		NHI-1514 (GEN)		590
5962-9174901HYA	E	07/20/2015		(NONE)		NHI-1514 (GEN)		590
5962-9174902HXA	E	07/20/2015		(NONE)		NHI-1513 (GEN)		590
5962-9174902HYA	E	07/20/2015		(NONE)		NHI-1513 (GEN)		590
5962-9174903HYA	E	07/20/2015		(NONE)		BUS63102II (GEN)		590
5962-9174904HXA	E	07/20/2015		(NONE)		BUS63104II (GEN)		590
5962-9174904HYA	E	07/20/2015		(NONE)		BUS63104II (GEN)		590

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5962-9174905HUA	E	07/20/2015		(NONE)		3231 (GEN)		590
5962-9174905HZA	E	07/20/2015		(NONE)		3231 (GEN)		590
5962-9174906HUA	E	07/20/2015		(NONE)		3232 (GEN)		590
5962-9174906HZA	E	07/20/2015		(NONE)		3232 (GEN)		590
5962-9174907HUA	E	07/20/2015		(NONE)		3232 (GEN)		590
5962-9174907HZA	E	07/20/2015		(NONE)		3232 (GEN)		590
5962-9174908HTA	E	07/20/2015		(NONE)		NHI-1514 (GEN)		590
5962-9174908HXA	E	07/20/2015	0	DDC		Y NHI-1514/883		590
5962-9174908HXC	E	07/20/2015	0	DDC		Y NHI-1514/883		590
5962-9174908HYA	E	07/20/2015	0	DDC		Y NHI-1514FP/883		590
5962-9174908HYC	E	07/20/2015	0	DDC		Y NHI-1514FP/883		590
5962-9174909HTA	E	07/20/2015	0	DDC		Y NHI-1513FP/883		590
5962-9174909HTC	E	07/20/2015	0	DDC		Y NHI-1513FP/883		590
5962-9174909HXA	E	07/20/2015	0	DDC		Y NHI-1513/883		590
5962-9174909HXC	E	07/20/2015	0	DDC		Y NHI-1513/883		590
5962-9174909HYA	E	07/20/2015	0	DDC		Y NHI-1513FP/883		590
5962-9174909HYC	E	07/20/2015	0	DDC		Y NHI-1513FP/883		590
5962-9174910HXA	E	07/20/2015	1	AEROFLEX		Y ARX4407N-001-2		590
5962-9174910HXC	E	07/20/2015	1	AEROFLEX		Y ARX4407N-001-1		590
5962-9174910HYA	E	07/20/2015	1	AEROFLEX		Y ARX4407N-201-2		590
5962-9174910HYC	E	07/20/2015	1	AEROFLEX		Y ARX4407N-201-1		590
5962-9174911HXA	E	07/20/2015	1	AEROFLEX		Y ARX4404N-001-2		590
5962-9174911HXC	E	07/20/2015	1	AEROFLEX		Y ARX4404N-001-1		590
5962-9174911HYA	E	07/20/2015	1	AEROFLEX		Y ARX4404N-201-2		590
5962-9174911HYC	E	07/20/2015	1	AEROFLEX		Y ARX4404N-201-1		590
5962-9175201MXA	C	04/17/2015		(NONE)		27C040-25 (GEN)		669
5962-9175201MYA	C	04/17/2015		(NONE)		27C040-25 (GEN)		669
5962-9175202MXA	C	04/17/2015		(NONE)		27C040-20 (GEN)		669
5962-9175202MYA	C	04/17/2015		(NONE)		27C040-20 (GEN)		669
5962-9175203MXA	C	04/17/2015		(NONE)		27C040-17 (GEN)		669
5962-9175203MYA	C	04/17/2015		(NONE)		27C040-17 (GEN)		669
5962-9175204MXA	C	04/17/2015		(NONE)		27C040-15 (GEN)		669
5962-9175204MYA	C	04/17/2015		(NONE)		27C040-15 (GEN)		669
5962-9175205MXA	C	04/17/2015		(NONE)		27C040-12 (GEN)		669
5962-9175205MYA	C	04/17/2015		(NONE)		27C040-12 (GEN)		669
5962-9175301M2A	B	02/18/2014		TI		Y SNJ54F541FK		529
5962-9175301MRA	B	02/18/2014		TI		Y SNJ54F541J		529
5962-9175301MSA	B	02/18/2014		(NONE)	11/28/2015	54F541 (GEN)		529
5962-9175501MGA	A	01/19/2011		(NONE)		EL2018 (GEN)		779
5962-9175501MPA	A	01/19/2011		(NONE)		EL2018 (GEN)		779
5962-9175701MXA	C	03/20/2017		(NONE)	10/29/2001	72200L20 (GEN)		670
5962-9175801M2A	J	12/12/2018	1	ROCHESTER		Y CLC420A/B2A		701
5962-9175801MPA	J	12/12/2018	1	ROCHESTER		Y CLC420A/BPA		701
5962F9175801MPA	J	12/12/2018		(NONE)	03/08/2005	CLC420A (GEN)		701
5962-9175801MXA	J	12/12/2018	1	ROCHESTER		Y CLC420A/BXA		701
5962F9175801MXA	J	12/12/2018		(NONE)	03/08/2005	CLC420A (GEN)		701
5962-9175802M2A	J	12/12/2018		(NONE)		CLC420B (GEN)		701
5962-9175802MPA	J	12/12/2018		(NONE)	03/03/2004	CLC420B (GEN)		701
5962-9176001M3A	E	01/08/2016		(NONE)	03/05/1996	22V10G-15 (GEN)		431



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5962-9176002M3A	E	01/08/2016		(NONE)	03/05/1996		22V10G-12 (GEN)	431
5962-9176003M3A	E	01/08/2016		(NONE)			22V10G-10 (GEN)	431
5962-9176004M3A	E	01/08/2016		(NONE)	03/05/1996		22VP10G-15 (GEN)	431
5962-9176005M3A	E	01/08/2016		(NONE)	03/05/1996		22VP10G-12 (GEN)	431
5962-9176006M3A	E	01/08/2016		(NONE)	03/05/1996		22VP10G-10 (GEN)	431
5962-9176007M3A	E	01/08/2016		(NONE)			22V10A (GEN)	431
5962-9176007MLA	E	01/08/2016		(NONE)			22V10A (GEN)	431
5962-9176008M3A	E	01/08/2016		(NONE)			22V10B (GEN)	431
5962-9176008MLA	E	01/08/2016		(NONE)			22V10B (GEN)	431
5962-9176009M3A	E	01/08/2016		(NONE)	03/05/1996		22V10G-7 (GEN)	431
5962-9176010M3A	E	01/08/2016		(NONE)	03/05/1996		22VP10G-7 (GEN)	431
5962-9176011NXA	E	01/08/2016		(NONE)			22V10A (GEN)	431
5962-9176012NXA	E	01/08/2016		(NONE)			22V10A (GEN)	431
5962-9176013NXA	E	01/08/2016		(NONE)			22V10B (GEN)	431
5962-9176014NXA	E	01/08/2016		(NONE)			22V10B (GEN)	431
5962-9176101MPA	A	01/24/2008		(NONE)	06/30/1996		SP8799 (GEN)	219
5962-9176201M3A	B	01/15/1993		(NONE)	04/01/2000		29C520-30 (GEN)	249
5962-9176201MKA	B	01/15/1993		(NONE)	04/01/2000		29C520-30 (GEN)	249
5962-9176201MLA	B	01/15/1993		(NONE)	04/01/2000		29C520-30 (GEN)	249
5962-9176202M3A	B	01/15/1993		(NONE)			29C520-24 (GEN)	249
5962-9176202MKA	B	01/15/1993		(NONE)	04/01/2000		29C520-24 (GEN)	249
5962-9176202MLA	B	01/15/1993		(NONE)			29C520-24 (GEN)	249
5962-9176203M3A	B	01/15/1993		(NONE)	04/01/2000		29C520-16 (GEN)	249
5962-9176203MKA	B	01/15/1993		(NONE)	04/01/2000		29C520-16 (GEN)	249
5962-9176203MLA	B	01/15/1993		(NONE)	04/01/2000		29C520-16 (GEN)	249
5962-9176204M3A	B	01/15/1993		(NONE)	04/01/2000		29C521-30 (GEN)	249
5962-9176204MKA	B	01/15/1993		(NONE)	04/01/2000		29C521-30 (GEN)	249
5962-9176204MLA	B	01/15/1993		(NONE)	04/01/2000		29C521-30 (GEN)	249
5962-9176205M3A	B	01/15/1993		(NONE)	04/01/2000		29C521-24 (GEN)	249
5962-9176205MKA	B	01/15/1993		(NONE)	04/01/2000		29C521-24 (GEN)	249
5962-9176205MLA	B	01/15/1993		(NONE)	04/01/2000		29C521-24 (GEN)	249
5962-9176206M3A	B	01/15/1993		(NONE)	07/31/1995		29C521-16 (GEN)	249
5962-9176206M3C	B	01/15/1993		(NONE)	07/31/1995		29C521-16 (GEN)	249
5962-9176206MKA	B	01/15/1993		(NONE)	07/31/1995		29C521-16 (GEN)	249
5962-9176206MLA	B	01/15/1993		(NONE)	04/01/2000		29C521-16 (GEN)	249
5962-9176301M2A	C	11/03/2015		(NONE)			TL441AM (GEN)	800
5962-9176301MEA	C	11/03/2015		(NONE)			TL441AM (GEN)	800
5962-9176301QEA	C	11/03/2015	1	TI		Y	TL441AMJB	800
5962-9176401MXA	C	07/10/2018	1	ANALOG (2)		Y	DAC8412AT/883	591
5962-9176402M3A	C	07/10/2018	1	ANALOG (2)		Y	DAC8412BTC/883	591
5962-9176402MXA	C	07/10/2018	1	ANALOG (2)		Y	DAC8412BT/883	591
5962-9176403MXA	C	07/10/2018	1	ANALOG (2)		Y	DAC8413AT/883	591
5962-9176404M3A	C	07/10/2018	1	ANALOG (2)		Y	DAC8413BTC/883	591
5962-9176404MXA	C	07/10/2018	1	ANALOG (2)		Y	DAC8413BT/883	591
5962-9177001HXA	C	07/16/2014		(NONE)			MN6400T (GEN)	592
5962-9177002HXA	C	07/16/2014	1	SPECTRUM (2)		Y	MN6400SMXA	592
5962-9177002HXC	C	07/16/2014	1	SPECTRUM (2)		Y	MN6400SMXC	592
5962-9177201MLA	A	06/19/2012		(NONE)				431
5962-9177301HZA	E	05/02/2017	1	INTER. RECT.2		Y	AHV2805SF/CH	594

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5962-9177401HZA	E	02/08/2016	1	INTER. RECT.2		Y	AHV2815DF/CH	594
5962-9200301MCA	A	02/01/2008		(NONE)	06/30/1996		SP8630 (GEN)	319
5962-9200401M2A	D	12/04/2008		(NONE)			CLC406 (GEN)	755
5962-9200401MPA	D	12/04/2008		(NONE)	12/06/2005		CLC406 (GEN)	755
5962-9200901MXC	B	03/30/1995		(NONE)	08/05/2002		VAC068A (GEN)	420
5962-9200901MYA	B	03/30/1995		(NONE)	05/30/1999		VAC068A (GEN)	420
5962-9201001MXC	B	02/23/2001		(NONE)	03/08/2003		VIC068A (GEN)	420
5962-9201001MYC	B	02/23/2001		(NONE)	04/10/2001		VIC068A (GEN)	420
5962-9201201MLA	C	07/25/2017	1	E2V		Y	PLS168/BLA	431
5962-9201301MEA	D	12/17/2018	1	ANALOG (2)		Y	AD684SQ/883B	818
5962-9201401M2A	A	12/05/2007		(NONE)			AD9300 (GEN)	199
5962-9201401MEA	A	12/05/2007		(NONE)	09/30/2000		AD9300 (GEN)	199
5962-9201601MEA	C	10/11/2018	1	ANALOG (2)		Y	AD766SD/883B	591
5962-9201801MXA	B	08/29/2013	2	TI	09/26/2018	Y	SNJ54ACT16240WD	569
5962-9202201MXA	D	02/22/2019	2	TI		Y	SNJ54ACT16244WD	569
5962-9202202QYA	D	02/22/2019		(NONE)			54ACT16244 (GEN)	569
5962-9202202VYA	D	02/22/2019		(NONE)			54ACT16244 (GEN)	569
5962F9202202QYA	D	02/22/2019	2	STMICRO		Y	RHFACT16244K02Q	569
5962F9202202QYC	D	02/22/2019	2	STMICRO		Y	RHFACT16244K01Q	569
5962F9202202VYA	D	02/22/2019	2	STMICRO		Y	RHFACT16244K02V	569
5962F9202202VYC	D	02/22/2019	2	STMICRO		Y	RHFACT16244K01V	569
5962F9202202VZA	D	02/22/2019	2	STMICRO		Y	RHFACT16244K04V	569
5962F9202202VZC	D	02/22/2019	2	STMICRO		Y	RHFACT16244K03V	569
5962-9202301MXA	C	01/29/2019	2	TI		Y	SNJ54ACT16245WD	590
5962-9202302QYA	C	01/29/2019		(NONE)			54ACT16245 (GEN)	590
5962-9202302VYA	C	01/29/2019		(NONE)			54ACT16245 (GEN)	590
5962F9202302QYA	C	01/29/2019	2	STMICRO		Y	RHFACT16245K02Q	590
5962F9202302QYC	C	01/29/2019	2	STMICRO		Y	RHFACT16245K01Q	590
5962F9202302VYA	C	01/29/2019	2	STMICRO		Y	RHFACT16245K02V	590
5962F9202302VYC	C	01/29/2019	2	STMICRO		Y	RHFACT16245K01V	590
5962F9202302VZA	C	01/29/2019	2	STMICRO		Y	RHFACT16245K04V	590
5962F9202302VZC	C	01/29/2019	2	STMICRO		Y	RHFACT16245K03V	590
5962-9202401MXA	D	01/28/2019	3	TI		Y	SNJ54ACT16373WD	342
5962-9202402QYA	D	01/28/2019		(NONE)			54ACT16373 (GEN)	342
5962-9202402VYA	D	01/28/2019		(NONE)			54ACT16373 (GEN)	342
5962F9202402QYA	D	01/28/2019	2	STMICRO		Y	RHFACT16373K02Q	342
5962F9202402QYC	D	01/28/2019	2	STMICRO		Y	RHFACT16373K01Q	342
5962F9202402VYA	D	01/28/2019	2	STMICRO		Y	RHFACT16373K02V	342
5962F9202402VYC	D	01/28/2019	2	STMICRO		Y	RHFACT16373K01V	342
5962F9202402VZA	D	01/28/2019	2	STMICRO		Y	RHFACT16373K04V	342
5962F9202402VZC	D	01/28/2019	2	STMICRO		Y	RHFACT16373K03V	342
5962-9202501MXA	D	01/28/2019	3	TI		Y	SNJ54ACT16374WD	159
5962-9202502QYA	D	01/28/2019		(NONE)			54ACT16374 (GEN)	159
5962-9202502VYA	D	01/28/2019		(NONE)			54ACT16374 (GEN)	159
5962F9202502QYA	D	01/28/2019	2	STMICRO		Y	RHFACT16374K02Q	159
5962F9202502QYC	D	01/28/2019	2	STMICRO		Y	RHFACT16374K01Q	159
5962F9202502VYA	D	01/28/2019	2	STMICRO		Y	RHFACT16374K02V	159
5962F9202502VYC	D	01/28/2019	2	STMICRO		Y	RHFACT16374K01V	159
5962F9202502QZA	D	01/28/2019	2	STMICRO		Y	RHFACT16374K04Q	159

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5962F9202502QZC	D	01/28/2019	2	STMICRO		Y	RHFACT16374K03Q	159
5962-9202601QZC		10/14/1992		(NONE)	12/20/2001		FXPC-49F (GEN)	409
5962-9202601VZC		10/14/1992		(NONE)	12/20/2001		FXPC-49F (GEN)	409
5962-9203001M2A	E	08/09/2010		(NONE)	03/08/2005		CLC430 (GEN)	700
5962-9203001MPA	E	08/09/2010		(NONE)	03/08/2005		CLC430 (GEN)	700
5962-9203001MXA	E	08/09/2010		(NONE)	03/08/2005		CLC430 (GEN)	700
5962-9203101M2A	E	12/06/2018		(NONE)	12/31/2001		UC1864 (GEN)	787
5962-9203101MEA	E	12/06/2018		(NONE)	12/31/2001		UC1864 (GEN)	787
5962-9203102MEA	E	12/06/2018		(NONE)			UC1865 (GEN)	787
5962-9203103Q2A	E	12/06/2018	1	TI		Y	UC1863L/883B	787
5962-9203103V2A	E	12/06/2018	1	TI		Y	UC1863LQMLV	787
5962-9203103QEA	E	12/06/2018	1	TI		Y	UC1863J/883B	787
5962-9203103VEA	E	12/06/2018		(NONE)	11/28/2015		UC1863 (GEN)	787
5962-9203301M2A	C	07/08/2009		(NONE)			CLC402A (GEN)	702
5962-9203301MPA	C	07/08/2009		(NONE)	07/14/2009		CLC402A (GEN)	702
5962F9203301MPA	C	07/08/2009		(NONE)	06/03/2003		CLC402 (GEN)	702
5962-9203401M2A	H	09/25/2018	1	ROCHESTER		Y	CLC409A/B2A	755
5962-9203401MPA	H	09/25/2018	1	ROCHESTER		Y	CLC409A/BPA	755
5962-9203501M2A	C	07/13/2004		(NONE)			CLC532A (GEN)	199
5962-9203501MCA	C	07/13/2004		(NONE)			CLC532A (GEN)	199
5962-9203901HXA	A	07/17/2006		(NONE)	02/27/1998		CLC935B (GEN)	592
5962-9204001HXA	D	01/23/2018	1	INTER. RECT.2		Y	AHE2812D/CH	594
5962-9204001HZA	D	01/23/2018	1	INTER. RECT.2		Y	AHE2812DF/CH	594
5962-9204002HXA	D	01/23/2018	1	INTER. RECT.2		Y	AHE2812D/CH-SLV	594
5962-9204002HZA	D	01/23/2018	1	INTER. RECT.2		Y	AHE2812DF/CH-SLV	594
5962-9204003HXA	D	01/23/2018	1	INTER. RECT.2		Y	AHE2812D/CH-MSTR	594
5962-9204003HZA	D	01/23/2018	1	INTER. RECT.2		Y	AHE2812DF/CH-MSTR	594
5962-9204101M2A	D	08/03/2018		(NONE)	01/06/2017		DG441A (GEN)	183
5962-9204101MEA	D	08/03/2018	1	MAXIM INTEG.			DG441AK/883B	183
5962-9204102M2C	D	08/03/2018	1	MAXIM INTEG.			DG442AZ/883B	183
5962-9204102MEA	D	08/03/2018	1	MAXIM INTEG.			DG442AK/883B	183
5962-9204201M2C	G	02/01/2017	1	MAXIM INTEG.			DG408AZ/883B	193
5962-9204201MEA	G	02/01/2017	1	MAXIM INTEG.			DG408AK/883B	193
5962-9204201MEA	G	02/01/2017	2	RENESAS		Y	DG408AK/883	193
5962-9204201MFA	G	02/01/2017		(NONE)			DG408A (GEN)	193
5962-9204201MXC	G	02/01/2017		(NONE)	01/06/2017		DG408A (GEN)	193
5962-9204202M2A	G	02/01/2017		(NONE)	01/06/2017		DG409A (GEN)	192
5962-9204202MEA	G	02/01/2017	1	MAXIM INTEG.			DG409AK/883B	192
5962-9204202MFA	G	02/01/2017		(NONE)			DG409A (GEN)	192
5962-9204202MXA	G	02/01/2017		(NONE)	01/06/2017		DG409A (GEN)	192
5962-9204203M2A	G	02/01/2017		(NONE)	04/28/2010		ADG408 (GEN)	193
5962-9204203MEA	G	02/01/2017		(NONE)	04/28/2010		ADG408 (GEN)	193
5962-9204204M2A	G	02/01/2017		(NONE)	02/16/2010		ADG409 (GEN)	192
5962-9204204MEA	G	02/01/2017		(NONE)	02/16/2010		ADG409 (GEN)	192
5962-9204601M2A	B	02/27/2014		TI		Y	SNJ54LS628FK	815
5962-9204601MCA	B	02/27/2014		TI		Y	SNJ54LS628J	815
5962-9204801HXA	B	06/18/2004		(NONE)			SDC14570 (GEN)	594
5962-9204802HXA	B	06/18/2004		(NONE)			SDC14571 (GEN)	594
5962-9204803HXA	B	06/18/2004		(NONE)			SDC14575 (GEN)	594

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5962-9204804HXA	B	06/18/2004		(NONE)			SDC14576 (GEN)	594
5962-9204805HXA	B	06/18/2004		(NONE)			SDC14575 (GEN)	594
5962-9204806HXA	B	06/18/2004		(NONE)			SDC14576 (GEN)	594
5962-9204901HXA	C	06/18/2004		(NONE)			SDC14572 (GEN)	594
5962-9204902HXA	C	06/18/2004		(NONE)			SDC14574 (GEN)	594
5962-9204903HXA	C	06/18/2004		(NONE)			SDC14577 (GEN)	594
5962-9204904HXA	C	06/18/2004		(NONE)			SDC14579 (GEN)	594
5962-9204905HXA	C	06/18/2004		(NONE)			SDC14577 (GEN)	594
5962-9204906HXA	C	06/18/2004		(NONE)			SDC14579 (GEN)	594
5962-9205001HXA	B	06/18/2004		(NONE)			SDC14573 (GEN)	594
5962-9205002HXA	B	06/18/2004		(NONE)			SDC14578 (GEN)	594
5962-9205003HXA	B	06/18/2004		(NONE)			SDC14578 (GEN)	594
5962-9205101HXA	E	08/16/2018	1	DDC		Y	SDC14602-152	594
5962-9205101HXA	E	08/16/2018	1	DDC		Y	SDC14602-142	594
5962-9205101HXC	E	08/16/2018	1	DDC		Y	SDC14602-112	594
5962-9205101HXC	E	08/16/2018	1	DDC		Y	SDC14602-132	594
5962-9205102HXA	E	08/16/2018	1	DDC		Y	SDC14602T-152	594
5962-9205102HXA	E	08/16/2018	1	DDC		Y	SDC14602T-142	594
5962-9205102HXC	E	08/16/2018	1	DDC		Y	SDC14602T-112	594
5962-9205102HXC	E	08/16/2018	1	DDC		Y	SDC14602T-132	594
5962-9205103HXA	E	08/16/2018	1	DDC		Y	SDC14604-152	594
5962-9205103HXA	E	08/16/2018	1	DDC		Y	SDC14604-142	594
5962-9205103HXC	E	08/16/2018	1	DDC		Y	SDC14604-112	594
5962-9205103HXC	E	08/16/2018	1	DDC		Y	SDC14604-132	594
5962-9205104HXA	E	08/16/2018	1	DDC		Y	SDC14604T-152	594
5962-9205104HXA	E	08/16/2018	1	DDC		Y	SDC14604T-142	594
5962-9205104HXC	E	08/16/2018	1	DDC		Y	SDC14604T-132	594
5962-9205104HXC	E	08/16/2018	1	DDC		Y	SDC14604T-112	594
5962-9205105HXA	E	08/16/2018	1	DDC		Y	SDC14607-152	594
5962-9205105HXA	E	08/16/2018	1	DDC		Y	SDC14607-142	594
5962-9205105HXC	E	08/16/2018	1	DDC		Y	SDC14607-112	594
5962-9205105HXC	E	08/16/2018	1	DDC		Y	SDC14607-132	594
5962-9205106HXA	E	08/16/2018	1	DDC		Y	SDC14607T-152	594
5962-9205106HXA	E	08/16/2018	1	DDC		Y	SDC14607T-142	594
5962-9205106HXC	E	08/16/2018	1	DDC		Y	SDC14607T-112	594
5962-9205106HXC	E	08/16/2018	1	DDC		Y	SDC14607T-132	594
5962-9205107HXA	E	08/16/2018	1	DDC		Y	SDC14609-152	594
5962-9205107HXA	E	08/16/2018	1	DDC		Y	SDC14609-142	594
5962-9205107HXC	E	08/16/2018	1	DDC		Y	SDC14609-112	594
5962-9205107HXC	E	08/16/2018	1	DDC		Y	SDC14609-132	594
5962-9205108HXA	E	08/16/2018	1	DDC		Y	SDC14609T-152	594
5962-9205108HXA	E	08/16/2018	1	DDC		Y	SDC14609T-142	594
5962-9205108HXC	E	08/16/2018	1	DDC		Y	SDC14609T-132	594
5962-9205108HXC	E	08/16/2018	1	DDC		Y	SDC14609T-112	594
5962-9205109HXA	E	08/16/2018	1	DDC		Y	SDC14607-154	594
5962-9205109HXA	E	08/16/2018	1	DDC		Y	SDC14607-144	594
5962-9205109HXC	E	08/16/2018	1	DDC		Y	SDC14607-114	594
5962-9205109HXC	E	08/16/2018	1	DDC		Y	SDC14607-134	594
5962-9205110HXA	E	08/16/2018	1	DDC		Y	SDC14607T-144	594

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5962-9205110HXA	E	08/16/2018	1	DDC		Y SDC14607T-154		594
5962-9205110HXC	E	08/16/2018	1	DDC		Y SDC14607T-114		594
5962-9205110HXC	E	08/16/2018	1	DDC		Y SDC14607T-134		594
5962-9205111HXA	E	08/16/2018	1	DDC		Y SDC14609-154		594
5962-9205111HXA	E	08/16/2018	1	DDC		Y SDC14609-144		594
5962-9205111HXC	E	08/16/2018	1	DDC		Y SDC14609-114		594
5962-9205111HXC	E	08/16/2018	1	DDC		Y SDC14609-134		594
5962-9205112HXA	E	08/16/2018	1	DDC		Y SDC14609T-154		594
5962-9205112HXA	E	08/16/2018	1	DDC		Y SDC14609T-144		594
5962-9205112HXC	E	08/16/2018	1	DDC		Y SDC14609T-114		594
5962-9205112HXC	E	08/16/2018	1	DDC		Y SDC14609T-134		594
5962-9205201HXA	D	08/16/2018	1	DDC		Y SDC14603-152		594
5962-9205201HXA	D	08/16/2018	1	DDC		Y SDC14603-142		594
5962-9205201HXC	D	08/16/2018	1	DDC		Y SDC14603-112		594
5962-9205201HXC	D	08/16/2018	1	DDC		Y SDC14603-132		594
5962-9205202HXA	D	08/16/2018	1	DDC		Y SDC14603T-152		594
5962-9205202HXA	D	08/16/2018	1	DDC		Y SDC14603T-142		594
5962-9205202HXC	D	08/16/2018	1	DDC		Y SDC14603T-112		594
5962-9205202HXC	D	08/16/2018	1	DDC		Y SDC14603T-132		594
5962-9205203HXA	D	08/16/2018	1	DDC		Y SDC14608-152		594
5962-9205203HXA	D	08/16/2018	1	DDC		Y SDC14608-142		594
5962-9205203HXC	D	08/16/2018	1	DDC		Y SDC14608-112		594
5962-9205203HXC	D	08/16/2018	1	DDC		Y SDC14608-132		594
5962-9205204HXA	D	08/16/2018	1	DDC		Y SDC14608T-152		594
5962-9205204HXA	D	08/16/2018	1	DDC		Y SDC14608T-142		594
5962-9205204HXC	D	08/16/2018	1	DDC		Y SDC14608T-112		594
5962-9205204HXC	D	08/16/2018	1	DDC		Y SDC14608T-132		594
5962-9205205HXA	D	08/16/2018	1	DDC		Y SDC14608-154		594
5962-9205205HXA	D	08/16/2018	1	DDC		Y SDC14608-144		594
5962-9205205HXC	D	08/16/2018	1	DDC		Y SDC14608-114		594
5962-9205205HXC	D	08/16/2018	1	DDC		Y SDC14608-134		594
5962-9205206HXA	D	08/16/2018	1	DDC		Y SDC14608T-154		594
5962-9205206HXA	D	08/16/2018	1	DDC		Y SDC14608T-144		594
5962-9205206HXC	D	08/16/2018	1	DDC		Y SDC14608T-114		594
5962-9205206HXC	D	08/16/2018	1	DDC		Y SDC14608T-134		594
5962-9205301HXA	D	08/20/2018	1	DDC		Y SDC-14610II-152		594
5962-9205301HXA	D	08/20/2018	1	DDC		Y SDC-14610II-142		594
5962-9205301HXC	D	08/20/2018	1	DDC		Y SDC-14610II-112		594
5962-9205301HXC	D	08/20/2018	1	DDC		Y SDC-14610II-132		594
5962-9205302HXA	D	08/20/2018	1	DDC		Y SDC-14610IIT-152		594
5962-9205302HXA	D	08/20/2018	1	DDC		Y SDC-14610IIT-142		594
5962-9205302HXC	D	08/20/2018	1	DDC		Y SDC-14610IIT-112		594
5962-9205302HXC	D	08/20/2018	1	DDC		Y SDC-14610IIT-132		594
5962-9205303HXA	D	08/20/2018	1	DDC		Y SDC-14611III-152		594
5962-9205303HXA	D	08/20/2018	1	DDC		Y SDC-14611III-142		594
5962-9205303HXC	D	08/20/2018	1	DDC		Y SDC-14611III-112		594
5962-9205303HXC	D	08/20/2018	1	DDC		Y SDC-14611III-132		594
5962-9205304HXA	D	08/20/2018	1	DDC		Y SDC-14611IIT-152		594
5962-9205304HXA	D	08/20/2018	1	DDC		Y SDC-14611IIT-142		594

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9205304HXC	D	08/20/2018	1	DDC		Y SDC-14611IIT-112		594
5962-9205304HXC	D	08/20/2018	1	DDC		Y SDC-14611IIT-132		594
5962-9205305HXA	D	08/20/2018	1	DDC		Y SDC-14615II-152		594
5962-9205305HXA	D	08/20/2018	1	DDC		Y SDC-14615II-142		594
5962-9205305HXC	D	08/20/2018	1	DDC		Y SDC-14615II-112		594
5962-9205305HXC	D	08/20/2018	1	DDC		Y SDC-14615II-132		594
5962-9205306HXA	D	08/20/2018	1	DDC		Y SDC-14615IIT-152		594
5962-9205306HXA	D	08/20/2018	1	DDC		Y SDC-14615IIT-142		594
5962-9205306HXC	D	08/20/2018	1	DDC		Y SDC-14615IIT-112		594
5962-9205306HXC	D	08/20/2018	1	DDC		Y SDC-14615IIT-132		594
5962-9205307HXA	D	08/20/2018	1	DDC		Y SDC-14616II-152		594
5962-9205307HXA	D	08/20/2018	1	DDC		Y SDC-14616II-142		594
5962-9205307HXC	D	08/20/2018	1	DDC		Y SDC-14616II-112		594
5962-9205307HXC	D	08/20/2018	1	DDC		Y SDC-14616II-132		594
5962-9205308HXA	D	08/20/2018	1	DDC		Y SDC-14616IIT-152		594
5962-9205308HXA	D	08/20/2018	1	DDC		Y SDC-14616IIT-142		594
5962-9205308HXC	D	08/20/2018	1	DDC		Y SDC-14616IIT-112		594
5962-9205308HXC	D	08/20/2018	1	DDC		Y SDC-14616IIT-132		594
5962-9205309HXA	D	08/20/2018	1	DDC		Y SDC-14615II-154		594
5962-9205309HXA	D	08/20/2018	1	DDC		Y SDC-14615II-144		594
5962-9205309HXC	D	08/20/2018	1	DDC		Y SDC-14615II-114		594
5962-9205309HXC	D	08/20/2018	1	DDC		Y SDC-14615II-134		594
5962-9205310HXA	D	08/20/2018	1	DDC		Y SDC-14615IIT-154		594
5962-9205310HXA	D	08/20/2018	1	DDC		Y SDC-14615IIT-144		594
5962-9205310HXC	D	08/20/2018	1	DDC		Y SDC-14615IIT-114		594
5962-9205310HXC	D	08/20/2018	1	DDC		Y SDC-14615IIT-134		594
5962-9205311HXA	D	08/20/2018	1	DDC		Y SDC-14616II-154		594
5962-9205311HXA	D	08/20/2018	1	DDC		Y SDC-14616II-144		594
5962-9205311HXC	D	08/20/2018	1	DDC		Y SDC-14616II-114		594
5962-9205311HXC	D	08/20/2018	1	DDC		Y SDC-14616II-134		594
5962-9205312HXA	D	08/20/2018	1	DDC		Y SDC-14616IIT-144		594
5962-9205312HXA	D	08/20/2018	1	DDC		Y SDC-14616IIT-154		594
5962-9205312HXC	D	08/20/2018	1	DDC		Y SDC-14616IIT-114		594
5962-9205312HXC	D	08/20/2018	1	DDC		Y SDC-14616IIT-134		594
5962-9205401HXA	D	08/20/2018	1	DDC		Y SDC-14612II-152		594
5962-9205401HXA	D	08/20/2018	1	DDC		Y SDC-14612II-142		594
5962-9205401HXC	D	08/20/2018	1	DDC		Y SDC-14612II-112		594
5962-9205401HXC	D	08/20/2018	1	DDC		Y SDC-14612II-132		594
5962-9205402HXA	D	08/20/2018	1	DDC		Y SDC-14612IIT-152		594
5962-9205402HXA	D	08/20/2018	1	DDC		Y SDC-14612IIT-142		594
5962-9205402HXC	D	08/20/2018	1	DDC		Y SDC-14612IIT-112		594
5962-9205402HXC	D	08/20/2018	1	DDC		Y SDC-14612IIT-132		594
5962-9205403HXA	D	08/20/2018	1	DDC		Y SDC-14614II-152		594
5962-9205403HXA	D	08/20/2018	1	DDC		Y SDC-14614II-142		594
5962-9205403HXC	D	08/20/2018	1	DDC		Y SDC-14614II-112		594
5962-9205403HXC	D	08/20/2018	1	DDC		Y SDC-14614II-132		594
5962-9205404HXA	D	08/20/2018	1	DDC		Y SDC-14614IIT-152		594
5962-9205404HXA	D	08/20/2018	1	DDC		Y SDC-14614IIT-142		594
5962-9205404HXC	D	08/20/2018	1	DDC		Y SDC-14614IIT-112		594



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## SECTION 1, MICROCIRCUITS

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9205404HXC	D	08/20/2018	1	DDC		Y SDC-14614IIT-132		594
5962-9205405HXA	D	08/20/2018	1	DDC		Y SDC-14617II-152		594
5962-9205405HXA	D	08/20/2018	1	DDC		Y SDC-14617II-142		594
5962-9205405HXC	D	08/20/2018	1	DDC		Y SDC-14617II-112		594
5962-9205405HXC	D	08/20/2018	1	DDC		Y SDC-14617II-132		594
5962-9205406HXA	D	08/20/2018	1	DDC		Y SDC-14617IIT-152		594
5962-9205406HXA	D	08/20/2018	1	DDC		Y SDC-14617IIT-142		594
5962-9205406HXC	D	08/20/2018	1	DDC		Y SDC-14617IIT-112		594
5962-9205406HXC	D	08/20/2018	1	DDC		Y SDC-14617IIT-132		594
5962-9205407HXA	D	08/20/2018	1	DDC		Y SDC-14619II-152		594
5962-9205407HXA	D	08/20/2018	1	DDC		Y SDC-14619II-142		594
5962-9205407HXC	D	08/20/2018	1	DDC		Y SDC-14619II-112		594
5962-9205407HXC	D	08/20/2018	1	DDC		Y SDC-14619II-132		594
5962-9205408HXA	D	08/20/2018	1	DDC		Y SDC-14619IIT-152		594
5962-9205408HXA	D	08/20/2018	1	DDC		Y SDC-14619IIT-142		594
5962-9205408HXC	D	08/20/2018	1	DDC		Y SDC-14619IIT-112		594
5962-9205408HXC	D	08/20/2018	1	DDC		Y SDC-14619IIT-132		594
5962-9205409HXA	D	08/20/2018	1	DDC		Y SDC-14617II-154		594
5962-9205409HXA	D	08/20/2018	1	DDC		Y SDC-14617II-144		594
5962-9205409HXC	D	08/20/2018	1	DDC		Y SDC-14617II-114		594
5962-9205409HXC	D	08/20/2018	1	DDC		Y SDC-14617II-134		594
5962-9205410HXA	D	08/20/2018	1	DDC		Y SDC-14617IIT-154		594
5962-9205410HXA	D	08/20/2018	1	DDC		Y SDC-14617IIT-144		594
5962-9205410HXC	D	08/20/2018	1	DDC		Y SDC-14617IIT-114		594
5962-9205410HXC	D	08/20/2018	1	DDC		Y SDC-14617IIT-134		594
5962-9205411HXA	D	08/20/2018	1	DDC		Y SDC-14619II-154		594
5962-9205411HXA	D	08/20/2018	1	DDC		Y SDC-14619II-144		594
5962-9205411HXC	D	08/20/2018	1	DDC		Y SDC-14619II-114		594
5962-9205411HXC	D	08/20/2018	1	DDC		Y SDC-14619II-134		594
5962-9205412HXA	D	08/20/2018	1	DDC		Y SDC-14619IIT-154		594
5962-9205412HXA	D	08/20/2018	1	DDC		Y SDC-14619IIT-144		594
5962-9205412HXC	D	08/20/2018	1	DDC		Y SDC-14619IIT-114		594
5962-9205412HXC	D	08/20/2018	1	DDC		Y SDC-14619IIT-134		594
5962-9205501HXA	D	08/20/2018	1	DDC		Y SDC-14613II-152		594
5962-9205501HXA	D	08/20/2018	1	DDC		Y SDC-14613II-142		594
5962-9205501HXC	D	08/20/2018	1	DDC		Y SDC-14613II-112		594
5962-9205501HXC	D	08/20/2018	1	DDC		Y SDC-14613II-132		594
5962-9205502HXA	D	08/20/2018	1	DDC		Y SDC-14613IIT-152		594
5962-9205502HXA	D	08/20/2018	1	DDC		Y SDC-14613IIT-142		594
5962-9205502HXC	D	08/20/2018	1	DDC		Y SDC-14613IIT-112		594
5962-9205502HXC	D	08/20/2018	1	DDC		Y SDC-14613IIT-132		594
5962-9205503HXA	D	08/20/2018	1	DDC		Y SDC-14618II-152		594
5962-9205503HXA	D	08/20/2018	1	DDC		Y SDC-14618II-142		594
5962-9205503HXC	D	08/20/2018	1	DDC		Y SDC-14618II-112		594
5962-9205503HXC	D	08/20/2018	1	DDC		Y SDC-14618II-132		594
5962-9205504HXA	D	08/20/2018	1	DDC		Y SDC-14618IIT-152		594
5962-9205504HXA	D	08/20/2018	1	DDC		Y SDC-14618IIT-142		594
5962-9205504HXC	D	08/20/2018	1	DDC		Y SDC-14618IIT-112		594
5962-9205504HXC	D	08/20/2018	1	DDC		Y SDC-14618IIT-132		594

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9205505HXA	D	08/20/2018	1	DDC		Y SDC-14618II-154		594
5962-9205505HXA	D	08/20/2018	1	DDC		Y SDC-14618II-144		594
5962-9205505HXC	D	08/20/2018	1	DDC		Y SDC-14618II-114		594
5962-9205505HXC	D	08/20/2018	1	DDC		Y SDC-14618II-134		594
5962-9205506HXA	D	08/20/2018	1	DDC		Y SDC-14618IIT-154		594
5962-9205506HXA	D	08/20/2018	1	DDC		Y SDC-14618IIT-144		594
5962-9205506HXC	D	08/20/2018	1	DDC		Y SDC-14618IIT-114		594
5962-9205506HXC	D	08/20/2018	1	DDC		Y SDC-14618IIT-134		594
5962-9205701MXA	A	11/14/2012		(NONE)	10/28/1997	72225LB50 (GEN)		670
5962-9205701MYA	A	11/14/2012		(NONE)	10/28/1997	72225LB50 (GEN)		670
5962-9205702MXA	A	11/14/2012		(NONE)	10/28/1997	72225LB35 (GEN)		670
5962-9205702MYA	A	11/14/2012		(NONE)	10/28/1997	72225LB35 (GEN)		670
5962-9205703MXA	A	11/14/2012		(NONE)	10/28/1997	72225LB25 (GEN)		670
5962-9205703MYA	A	11/14/2012		(NONE)	10/28/1997	72225LB25 (GEN)		670
5962-9205801MXA	P	09/11/2018		(NONE)		320C31-27 (GEN)		432
5962-9205801MYA	P	09/11/2018		(NONE)		320C31-27 (GEN)		432
5962-9205802QUC	P	09/11/2018		(NONE)	05/01/1998	320C31 (GEN)		432
5962-9205802MXA	P	09/11/2018		(NONE)	05/01/1998	320C31 (GEN)		432
5962-9205802MYA	P	09/11/2018		(NONE)	05/01/1998	320C31 (GEN)		432
5962-9205802QZC	P	09/11/2018		(NONE)	05/01/1998	320C31 (GEN)		432
5962-9205803Q9A	P	09/11/2018		(NONE)		320C31 (GEN)		432
5962-9205803MXA	P	09/11/2018		(NONE)	11/28/2015	320C31 (GEN)		432
5962-9205803MXC	P	09/11/2018		(NONE)	11/28/2015	320C31 (GEN)		432
5962-9205803MYA	P	09/11/2018	2	TI		Y SMJ320C31HFGM40		432
5962-9205803QZC	P	09/11/2018		(NONE)		320C31 (GEN)		432
5962-9205804MXA	P	09/11/2018		(NONE)	11/28/2015	320C31 (GEN)		432
5962-9205804MXC	P	09/11/2018		(NONE)	11/28/2015	320C31 (GEN)		432
5962-9205804MYA	P	09/11/2018	2	TI		Y SMJ320C31HFGM50		432
5962-9205805QXA	P	09/11/2018	2	TI		Y SMJ320C31GFAS60		432
5962-9205805QYA	P	09/11/2018	2	TI		Y SMJ320C31HFGS60		432
5962-9205806QXA	P	09/11/2018		(NONE)		320C31 (GEN)		432
5962-9205901MXA	A	02/06/2008		(NONE)	06/30/1996	SP8602 (GEN)		319
5962-9206101HXA	K	01/22/2013		(NONE)		MR63147M (GEN)		590
5962-9206101HYA	K	01/22/2013		(NONE)		MR63147M (GEN)		590
5962-9206101HZA	K	01/22/2013		(NONE)		MR63147M (GEN)		590
5962-9206102HXA	K	01/22/2013		(NONE)		MR63147M-2 (GEN)		590
5962-9206102HYA	K	01/22/2013		(NONE)		MR63147M-2 (GEN)		590
5962-9206102HZA	K	01/22/2013		(NONE)		MR63147M-2 (GEN)		590
5962-9206103H4A	K	01/22/2013		(NONE)		NHI-1579 (GEN)		590
5962-9206103H5A	K	01/22/2013		(NONE)		NHI-1579 (GEN)		590
5962-9206103H6A	K	01/22/2013		(NONE)		NHI-1573 (GEN)		590
5962-9206103HMA	K	01/22/2013	1	DDC		Y NHI-1567/883		590
5962-9206103HMC	K	01/22/2013	1	DDC		Y NHI-1567/883		590
5962-9206103HNA	K	01/22/2013	1	DDC		Y NHI-1567FP/883		590
5962-9206103HNC	K	01/22/2013	1	DDC		Y NHI-1567FP/883		590
5962-9206103HTA	K	01/22/2013		(NONE)		NHI-1559 (GEN)		590
5962-9206103HUA	K	01/22/2013	0	DDC		Y NHI-1559FP/883		590
5962-9206103HUC	K	01/22/2013	0	DDC		Y NHI-1559FP/883		590
5962-9206103HZA	K	01/22/2013	1	DDC		Y NHI-1573FP/883		590

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9206103HZC	K	01/22/2013	1	DDC		Y NHI-1573FP/883		590
5962-9206104H4A	K	01/22/2013		(NONE)		NHI-1580 (GEN)		590
5962-9206104H5A	K	01/22/2013		(NONE)		NHI-1580 (GEN)		590
5962-9206104H6A	K	01/22/2013		(NONE)		NHI-1574 (GEN)		590
5962-9206104HMA	K	01/22/2013		(NONE)		NHI-1568 (GEN)		590
5962-9206104HNA	K	01/22/2013		(NONE)		NHI-1568 (GEN)		590
5962-9206104HTA	K	01/22/2013		(NONE)		NHI-1560 (GEN)		590
5962-9206104HUA	K	01/22/2013		(NONE)		NHI-1560 (GEN)		590
5962-9206104HZA	K	01/22/2013	1	DDC		Y NHI-1574FP/883		590
5962-9206104HZC	K	01/22/2013	1	DDC		Y NHI-1574FP/883		590
5962-9206105H4A	K	01/22/2013		(NONE)		NHI-1578 (GEN)		590
5962-9206105H5A	K	01/22/2013		(NONE)		NHI-1578 (GEN)		590
5962-9206105H6A	K	01/22/2013		(NONE)		NHI-1593 (GEN)		590
5962-9206105HMA	K	01/22/2013		(NONE)		NHI-1569 (GEN)		590
5962-9206105HNA	K	01/22/2013		(NONE)		NHI-1569 (GEN)		590
5962-9206105HTA	K	01/22/2013		(NONE)		NHI-1563 (GEN)		590
5962-9206105HUA	K	01/22/2013		(NONE)		NHI-1563 (GEN)		590
5962-9206105HZA	K	01/22/2013	1	DDC		Y NHI-1593FP/883		590
5962-9206105HZC	K	01/22/2013	1	DDC		Y NHI-1593FP/883		590
5962-9206106H4A	K	01/22/2013		(NONE)		NHI-1581 (GEN)		590
5962-9206106H5A	K	01/22/2013		(NONE)		NHI-1581 (GEN)		590
5962-9206106H6A	K	01/22/2013		(NONE)		NHI-1594 (GEN)		590
5962-9206106HMA	K	01/22/2013		(NONE)		NHI-1570 (GEN)		590
5962-9206106HNA	K	01/22/2013		(NONE)		NHI-1570 (GEN)		590
5962-9206106HTA	K	01/22/2013		(NONE)		NHI-1577 (GEN)		590
5962-9206106HUA	K	01/22/2013		(NONE)		NHI-1577 (GEN)		590
5962-9206106HZA	K	01/22/2013	1	DDC		Y NHI-1594FP/883		590
5962-9206106HZC	K	01/22/2013	1	DDC		Y NHI-1594FP/883		590
5962-9206107HZA	K	01/22/2013	1	AEROFLEX		Y ACT4458-201-2		590
5962-9206107HZC	K	01/22/2013	1	AEROFLEX		Y ACT4458-201-1		590
5962-9206108HZA	K	01/22/2013	1	AEROFLEX		Y ACT4464-201-2		590
5962-9206108HZC	K	01/22/2013	1	AEROFLEX		Y ACT4464-201-1		590
5962-9206109HZA	K	01/22/2013	1	AEROFLEX		Y ACT4460-201-2		590
5962-9206109HZC	K	01/22/2013	1	AEROFLEX		Y ACT4460-201-1		590
5962-9206110HZA	K	01/22/2013	1	AEROFLEX		Y ACT4454-201-2		590
5962-9206110HZC	K	01/22/2013	1	AEROFLEX		Y ACT4454-201-1		590
5962-9206201MXA	C	05/16/2016		(NONE)	09/28/2018	7C341-40 (GEN)		431
5962-9206201MYA	C	05/16/2016		(NONE)	09/28/2018	7C341-40 (GEN)		431
5962-9206201MZA	C	05/16/2016		(NONE)				431
5962-9206202MXA	C	05/16/2016		(NONE)	09/28/2018	7C341-30 (GEN)		431
5962-9206202MYA	C	05/16/2016		(NONE)	09/28/2018	7C341-30 (GEN)		431
5962-9206202MZA	C	05/16/2016		(NONE)				431
5962-9206203MXA	C	05/16/2016		(NONE)	09/28/2018	7C341-35 (GEN)		431
5962-9206203MYA	C	05/16/2016		(NONE)	09/28/2018	7C341-35 (GEN)		431
5962-9206501MXA	C	03/21/2016	2	E2V		Y QP7C287-65DMB		663
5962-9206501MYA	C	03/21/2016	2	E2V		Y CY7C287-65DMB		663
5962-9206501MZA	C	03/21/2016	2	E2V		Y QP7C287-65LMB		663
5962-9206501MYA	C	03/21/2016	2	E2V		Y CY7C287-65LMB		663
5962-9206502MXA	C	03/21/2016	2	E2V		Y QP7C287-55DMB		663

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5962-9206502MXA	C	03/21/2016	2	E2V		Y CY7C287-55DMB		663
5962-9206502MYA	C	03/21/2016	2	E2V		Y QP7C287-55LMB		663
5962-9206502MYA	C	03/21/2016	2	E2V		Y CY7C287-55LMB		663
5962-9206601MXA	B	05/06/2014		E2V		Y 100329DMQB		547
5962-9206601MYA	B	05/06/2014		E2V		Y 100329FMQB		547
5962-9206901MXA	A	12/03/2012		(NONE)				670
5962-9206901MYA	A	12/03/2012		(NONE)				670
5962-9206902MXA	A	12/03/2012		(NONE)				670
5962-9206902MYA	A	12/03/2012		(NONE)				670
5962-9206903MXA	A	12/03/2012		(NONE)				670
5962-9206903MYA	A	12/03/2012		(NONE)				670
5962-9206904MXA	A	12/03/2012		(NONE)				670
5962-9206904MYA	A	12/03/2012		(NONE)				670
5962-9206905MXA	A	12/03/2012		(NONE)				670
5962-9206905MYA	A	12/03/2012		(NONE)				670
5962-9207101MXA	A	02/07/2013		(NONE)		7C286-70 (GEN)		663
5962-9207101MYA	A	02/07/2013		(NONE)		7C286-70 (GEN)		663
5962-9207102MXA	A	02/07/2013		(NONE)		7C286-60 (GEN)		663
5962-9207102MYA	A	02/07/2013		(NONE)		7C286-60 (GEN)		663
5962-9207301HXA	C	07/16/2014	1	SPECTRUM (2)		Y MN5100MXA		592
5962-9207301HXC	C	07/16/2014	1	SPECTRUM (2)		Y MN5100MXC		592
5962-9207302HXA	C	07/16/2014	1	SPECTRUM (2)		Y MN5101MXA		592
5962-9207302HXC	C	07/16/2014	1	SPECTRUM (2)		Y MN5101MXC		592
5962-9207501MXA	C	02/07/2018	1	MICROSS		D AS10H1042Q28/883C		599
5962-9207501MYA	C	02/07/2018		(NONE)	09/30/1995	10H1042 (GEN)		599
5962-9207502MYA	C	02/07/2018		(NONE)		100H1042 (GEN)		599
5962-9207801HTA	K	01/23/2018	1	MERCURY		Y WS512K8-120CQA		629
5962-9207801HTC	K	01/23/2018	1	MERCURY		Y WS512K8-120CQ		629
5962-9207801HXA	K	01/23/2018	1	MERCURY		Y WS-512K8-120CQA		629
5962-9207801HXC	K	01/23/2018	1	MERCURY		Y WS-512K8-120CQ		629
5962-9207801HYA	K	01/23/2018		(NONE)		512K8-120 (GEN)		629
5962-9207802HTA	K	01/23/2018	1	MERCURY		Y WS512K8-100CQA		629
5962-9207802HTC	K	01/23/2018	1	MERCURY		Y WS512K8-100CQ		629
5962-9207802HXA	K	01/23/2018	1	MERCURY		Y WS-512K8-100CQA		629
5962-9207802HXC	K	01/23/2018	1	MERCURY		Y WS-512K8-100CQ		629
5962-9207802HYA	K	01/23/2018		(NONE)		512K8-100 (GEN)		629
5962-9207803HTA	K	01/23/2018	1	MERCURY		Y WS512K8-85CQA		629
5962-9207803HTC	K	01/23/2018	1	MERCURY		Y WS512K8-85CQ		629
5962-9207803HXA	K	01/23/2018	1	MERCURY		Y WS-512K8-85CQA		629
5962-9207803HXC	K	01/23/2018	1	MERCURY		Y WS-512K8-85CQ		629
5962-9207803HYA	K	01/23/2018		(NONE)		512K8-85 (GEN)		629
5962-9207804HTA	K	01/23/2018	1	MERCURY		Y WS512K8-70CQA		629
5962-9207804HTC	K	01/23/2018	1	MERCURY		Y WS512K8-70CQ		629
5962-9207804HXA	K	01/23/2018	1	MERCURY		Y WS-512K8-70CQA		629
5962-9207804HXC	K	01/23/2018	1	MERCURY		Y WS-512K8-70CQ		629
5962-9207804HYA	K	01/23/2018		(NONE)		512K8-70 (GEN)		629
5962-9207805HTA	K	01/23/2018	1	MERCURY		Y WS512K8-55CQA		629
5962-9207805HTC	K	01/23/2018	1	MERCURY		Y WS512K8-55CQ		629
5962-9207805HXA	K	01/23/2018	1	MERCURY		Y WS-512K8-55CQA		629

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5962-9207805HXC	K	01/23/2018	1	MERCURY		Y WS-512K8-55CQ		629
5962-9207805HYA	K	01/23/2018		(NONE)		512K8-55 (GEN)		629
5962-9207806HTA	K	01/23/2018	1	MERCURY		Y WS512K8-45CQA		629
5962-9207806HTC	K	01/23/2018	1	MERCURY		Y WS512K8-45CQ		629
5962-9207806HXA	K	01/23/2018	1	MERCURY		Y WS-512K8-45CQA		629
5962-9207806HXC	K	01/23/2018	1	MERCURY		Y WS-512K8-45CQ		629
5962-9207806HYA	K	01/23/2018		(NONE)		512K8-45 (GEN)		629
5962-9207807HTA	K	01/23/2018	1	MERCURY		Y WS512K8-35CQA		629
5962-9207807HTC	K	01/23/2018	1	MERCURY		Y WS512K8-35CQ		629
5962-9207807HXA	K	01/23/2018	1	MERCURY		Y WS-512K8-35CQA		629
5962-9207807HXC	K	01/23/2018	1	MERCURY		Y WS-512K8-35CQ		629
5962-9207807HYA	K	01/23/2018		(NONE)		512K8-35 (GEN)		629
5962-9207808HTA	K	01/23/2018	1	MERCURY		Y WS512K8-25CQA		629
5962-9207808HTC	K	01/23/2018	1	MERCURY		Y WS512K8-25CQ		629
5962-9207808HXA	K	01/23/2018	1	MERCURY		Y WS-512K8-25CQA		629
5962-9207808HXC	K	01/23/2018	1	MERCURY		Y WS-512K8-25CQ		629
5962-9207808HYA	K	01/23/2018		(NONE)		512K8-25 (GEN)		629
5962-9207809HTA	K	01/23/2018	1	MERCURY		Y WS512K8-20CQA		529
5962-9207809HTC	K	01/23/2018	1	MERCURY		Y WS512K8-20CQ		529
5962-9207809HXA	K	01/23/2018	1	MERCURY		Y WS-512K8-20CQA		529
5962-9207809HXC	K	01/23/2018	1	MERCURY		Y WS-512K8-20CQ		529
5962-9207809HYA	K	01/23/2018		(NONE)		512K8-20 (GEN)		529
5962-9207901MPA	B	08/19/2009		(NONE)	12/31/2001	LT1172 (GEN)		786
5962-9208001MPA	A	12/14/2001		(NONE)	12/31/2001	LTC485 (GEN)		590
5962-9208401MXA		11/25/1992		(NONE)	06/30/1996	SL531 (GEN)		800
5962-9208501HXA	D	09/20/2018		(NONE)		NHI-1551 (GEN)		590
5962-9208501HYA	D	09/20/2018		(NONE)		NHI-1551 (GEN)		590
5962-9208502HXA	D	09/20/2018	1	AEROFLEX		Y ARX4451		590
5962-9208502HXC	D	09/20/2018	1	AEROFLEX		Y ARX4451		590
5962-9208502HYA	D	09/20/2018	1	AEROFLEX		Y ARX4451FP		590
5962-9208502HYC	D	09/20/2018	1	AEROFLEX		Y ARX4451FP		590
5962-9208503HXA	D	09/20/2018	1	AEROFLEX		Y ARX4418		590
5962-9208503HXC	D	09/20/2018	1	AEROFLEX		Y ARX4418		590
5962-9208503HYA	D	09/20/2018	1	AEROFLEX		Y ARX4418FP		590
5962-9208503HYC	D	09/20/2018	1	AEROFLEX		Y ARX4418FP		590
5962-9208504HXA	D	09/20/2018		(NONE)		NHI-1515 (GEN)		590
5962-9208504HYA	D	09/20/2018		(NONE)		NHI-1515 (GEN)		590
5962-9208505HXA	D	09/20/2018	1	API		Y FC155377		590
5962-9208505HXC	D	09/20/2018	1	API		Y FC155377		590
5962-9208505HYA	D	09/20/2018	1	API		Y FC155377FP		590
5962-9208505HYC	D	09/20/2018	1	API		Y FC155377FP		590
5962-9208801MCA	A	08/15/2007		(NONE)	06/30/1996	SP8670 (GEN)		319
5962-9208901MPA	A	02/06/2008		(NONE)	12/31/2000	SP8782 (GEN)		319
5962-9209001M3A	B	05/06/2014	1	ROCHESTER		Y 54F827/B3A		529
5962-9209001MKA	B	05/06/2014	1	ROCHESTER		Y 54F827/BKA		529
5962-9209001MLA	B	05/06/2014	1	ROCHESTER		Y 54F827/BLA		529
5962-9209301MCA	E	10/05/2017		(NONE)	09/06/2000	LMC660 (GEN)		713
5962-9209302MCA	E	10/05/2017	1	ROCHESTER		Y LPC660AMJ/883		713
5962-9209303MCA	E	10/05/2017		(NONE)		LMC6064 (GEN)		713

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5962-9209401MPA	C	02/10/2004		(NONE)	03/09/1999		LMC662 (GEN)	710
5962-9209402MPA	C	02/10/2004		(NONE)			LPC662 (GEN)	710
5962-9209403MPA	C	02/10/2004		(NONE)	12/03/2008		LMC6062 (GEN)	710
5962-9209701MXC	B	03/30/1995		(NONE)			43891GM-20 (GEN)	805
5962-9209701MYA	B	03/30/1995		(NONE)			43891GM-20 (GEN)	805
5962-9209702MXC	B	03/30/1995		(NONE)			43891GM-25 (GEN)	805
5962-9209702MYA	B	03/30/1995		(NONE)			43981GM-25 (GEN)	805
5962-9210101MXA	B	02/12/2013		(NONE)	10/28/1997		72215LB50 (GEN)	670
5962-9210101MYA	B	02/12/2013		(NONE)	10/28/1997		72215LB50 (GEN)	670
5962-9210102MXA	B	02/12/2013		(NONE)	10/28/1997		72215LB35 (GEN)	670
5962-9210102MYA	B	02/12/2013		(NONE)	10/28/1997		72215LB35 (GEN)	670
5962-9210103MXA	B	02/12/2013		(NONE)	10/28/1997		72215LB25 (GEN)	670
5962-9210103MYA	B	02/12/2013		(NONE)	10/28/1997		72215LB25 (GEN)	670
5962H9210301QZC		11/12/1992		(NONE)	12/20/2001		FLP (GEN)	409
5962H9210301VZC		11/12/1992		(NONE)	12/20/2001		FLP (GEN)	409
5962H9210401QZC		02/02/1993		(NONE)	12/20/2001		AP1C-47 (GEN)	429
5962H9210401VZC		02/02/1993		(NONE)	12/20/2001		AP1C-47 (GEN)	429
5962-9210501MLA	B	04/02/2018		(NONE)	06/30/1995		EP224-15 (GEN)	431
5962-9210502MLA	B	04/02/2018		(NONE)	06/30/1995		EP224-12 (GEN)	431
5962H9210601QZC		03/17/1993		(NONE)	12/20/2001		IBMAP2-45 (GEN)	429
5962H9210601VZC		03/17/1993		(NONE)	12/20/2001		IBMAP2-45 (GEN)	429
5962-9210901HZA	E	12/06/2017	1	INTER. RECT.2		Y	ATW2812D/CH	594
5962-9210902HZA	E	12/06/2017	1	INTER. RECT.2		Y	ATW2812D/CH-SLV	594
5962-9210903HZA	E	12/06/2017	1	INTER. RECT.2		Y	ATW2812D/CH-MSTR	594
5962-9211001HZA	D	12/08/2017	1	INTER. RECT.2		Y	ATW2812S/CH	594
5962-9211002HZA	D	12/08/2017	1	INTER. RECT.2		Y	ATW2812S/CH-SLV	594
5962-9211003HZA	D	12/08/2017	1	INTER. RECT.2		Y	ATW2812S/CH-MSTR	594
5962-9211101HXA	E	12/12/2017	1	INTER. RECT.2		Y	AHF2812D/CH	594
5962-9211101HXC	E	12/12/2017	1	INTER. RECT.2		Y	AHF2812D/CH	594
5962-9211101HZA	E	12/12/2017	1	INTER. RECT.2		Y	AHF2812DF/CH	594
5962-9211101HZC	E	12/12/2017	1	INTER. RECT.2		Y	AHF2812DF/CH	594
5962-9211201HZA	E	01/02/2018	1	INTER. RECT.2		Y	AHV2812SF/CH	594
5962-9211301HZA	E	04/10/2018	1	INTER. RECT.2		Y	AHV2815SF/CH	594
5962-9211401HZA	E	08/21/2018	1	INTER. RECT.2		Y	AHV2812DF/CH	594
5962-9211501HZA	F	04/11/2018	1	INTER. RECT.2		Y	AHV2812TF/CH	594
5962-9211601HZA	F	08/21/2018	1	INTER. RECT.2		Y	AHV2815TF/CH	594
5962-9211701M2A	E	09/12/2013	1	ANALOG (2)		Y	AD827SE/883B	710
5962-9211701MPA	E	09/12/2013	1	ANALOG (2)		Y	AD827SQ/883B	710
5962-9211801MXA	N	05/08/2012		(NONE)			UT69151 (GEN)	420
5962-9211801MYA	N	05/08/2012		(NONE)			UT69151 (GEN)	420
5962H9211802Q9A	N	05/08/2012		(NONE)			UT69151E (GEN)	420
5962H9211802V9A	N	05/08/2012		(NONE)			UT69151E (GEN)	420
5962H9211802QXA	N	05/08/2012		(NONE)			UT69151E (GEN)	420
5962H9211802VXA	N	05/08/2012		(NONE)			UT69151E (GEN)	420
5962H9211802QYA	N	05/08/2012		(NONE)			UT69151E (GEN)	420
5962H9211802VYA	N	05/08/2012		(NONE)			UT69151E (GEN)	420
5962H9211802QZA	N	05/08/2012		(NONE)			UT69151E (GEN)	420
5962H9211802VZA	N	05/08/2012		(NONE)			UT69151E (GEN)	420
5962-9211803QXA	N	05/08/2012	1B	COBHAM		Y	UT69151EGBA	420



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5962-9211803QXC	N	05/08/2012	1B	COBHAM		Y	UT69151EGBC	420
5962-9211803QYA	N	05/08/2012	1B	COBHAM		Y	UT69151EWBA	420
5962-9211803QYC	N	05/08/2012	1B	COBHAM		Y	UT69151EWBC	420
5962-9211803QZA	N	05/08/2012	1B	COBHAM		Y	UT69151EFBA	420
5962-9211803QZC	N	05/08/2012	1B	COBHAM		Y	UT69151EFBC	420
5962F9211804Q9B	N	05/08/2012	1B	COBHAM		Y	UT69151EQ-DIEF	420
5962F9211804V9B	N	05/08/2012	1B	COBHAM		Y	UT69151EV-DIEF	420
5962R9211804Q9B	N	05/08/2012	1B	COBHAM		Y	UT69151EQ-DIER	420
5962R9211804V9B	N	05/08/2012	1B	COBHAM		Y	UT69151EV-DIER	420
5962F9211804QYA	N	05/08/2012	1B	COBHAM		Y	UT69151EWCAF	420
5962F9211804QYC	N	05/08/2012	1B	COBHAM		Y	UT69151EWCCF	420
5962F9211804VYA	N	05/08/2012	1B	COBHAM		Y	UT69151EWCAF	420
5962F9211804VYC	N	05/08/2012	1B	COBHAM		Y	UT69151EWCCF	420
5962R9211804QYA	N	05/08/2012	1B	COBHAM		Y	UT69151EWCAR	420
5962R9211804QYC	N	05/08/2012	1B	COBHAM		Y	UT69151EWCCR	420
5962R9211804VYA	N	05/08/2012	1B	COBHAM		Y	UT69151EWCAR	420
5962R9211804VYC	N	05/08/2012	1B	COBHAM		Y	UT69151EWCCR	420
5962-9212101M3A	A	05/08/2012		(NONE)			20RA10 (GEN)	431
5962-9212101MLA	A	05/08/2012		(NONE)			20RA10 (GEN)	431
5962-9212102M3A	A	05/08/2012		(NONE)			20RA10 (GEN)	431
5962-9212102MLA	A	05/08/2012		(NONE)			20RA10 (GEN)	431
5962-9212201MXA	B	10/12/1993		(NONE)	08/05/1996		49C465A (GEN)	355
5962-9212202MXA	B	10/12/1993		(NONE)	08/05/1996		49C465 (GEN)	355
5962-9212401MPA	B	09/12/2013	1	MAXIM INTEG.			MAX634MJA/883B	786
5962-9212601MPA	D	10/15/2013		(NONE)			MAX663 (GEN)	789
5962-9212602MPA	D	10/15/2013		(NONE)	07/10/2015		MAX664 (GEN)	789
5962-9212603MPA	D	10/15/2013	1	MAXIM INTEG.			MAX666MJA/883B	789
5962-9212604MPA	D	10/15/2013	1	MAXIM INTEG.			MAX667MJA/883B	789
5962-9212701MPA	D	10/15/2013	1	MAXIM INTEG.			MAX638AMJA/883B	786
5962-9212702MPA	D	10/15/2013		(NONE)	07/10/2015		MAX638B (GEN)	786
5962-9212801MGA		12/23/1992		(NONE)			EL2019 (GEN)	779
5962-9212801MPA		12/23/1992		(NONE)			EL2019 (GEN)	779
5962-9212901MPA	B	11/14/2008		(NONE)	09/01/1997		5212A (GEN)	899
5962-9213201MVA	E	02/12/2015		(NONE)			4C4067-10 (GEN)	623
5962-9213201MXA	E	02/12/2015		(NONE)			4C4067-10 (GEN)	623
5962-9213201MYA	E	02/12/2015		(NONE)			4C4067-10 (GEN)	623
5962-9213202MVA	E	02/12/2015		(NONE)			4C4067-12 (GEN)	623
5962-9213202MXA	E	02/12/2015		(NONE)			4C4067-12 (GEN)	623
5962-9213202MYA	E	02/12/2015		(NONE)			4C4067-12 (GEN)	623
5962-9213203MVA	E	02/12/2015		(NONE)			4C4067-15 (GEN)	623
5962-9213203MXA	E	02/12/2015		(NONE)			4C4067-15 (GEN)	623
5962-9213203MYA	E	02/12/2015		(NONE)			4C4067-15 (GEN)	623
5962-9213204MVA	E	02/12/2015		(NONE)			4C4067-10 (GEN)	623
5962-9213204MXA	E	02/12/2015		(NONE)			4C4067-10 (GEN)	623
5962-9213204MYA	E	02/12/2015		(NONE)			4C4067-10 (GEN)	623
5962-9213205MVA	E	02/12/2015		(NONE)			4C4067-12 (GEN)	623
5962-9213205MXA	E	02/12/2015		(NONE)			4C4067-12 (GEN)	623
5962-9213205MYA	E	02/12/2015		(NONE)			4C4067-12 (GEN)	623
5962-9213206MVA	E	02/12/2015		(NONE)			4C4067-15 (GEN)	623

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5962-9213206MXA	E	02/12/2015		(NONE)			4C4067-15 (GEN)	623
5962-9213206MYA	E	02/12/2015		(NONE)			4C4067-15 (GEN)	623
5962-9213801HXC		06/01/1993		(NONE)			1006-341VR/2 (GEN)	594
5962-9213802HXC		06/01/1993		(NONE)			1006-341VS/2 (GEN)	594
5962-9213803HXC		06/01/1993		(NONE)			1006-341H/2 (GEN)	594
5962-9213804HXC		06/01/1993		(NONE)			1006-341S/2 (GEN)	594
5962-9213901HXA	K	02/14/2019	3B	CRANE		Y	MHF+2805S/883	594
5962-9213901HXC	K	02/14/2019	3B	CRANE		Y	MHF+2805S/883	594
5962-9213901HZA	K	02/14/2019	3B	CRANE		Y	MHF+2805SF/883	594
5962-9213901HXC	K	02/14/2019	3B	CRANE		Y	MHF+2805SF/883	594
5962-9213902HXA	K	02/14/2019		(NONE)			SMHF2805S (GEN)	594
5962L9213902HXA	K	02/14/2019	1C	CRANE		Y	SMHF2805S/HL	594
5962L9213902HXC	K	02/14/2019	1C	CRANE		Y	SMHF2805S/HL	594
5962L9213902KXA	K	02/14/2019	1C	CRANE		Y	SMHF2805S/KL	594
5962L9213902KXC	K	02/14/2019	1C	CRANE		Y	SMHF2805S/KL	594
5962P9213902HXA	K	02/14/2019	1C	CRANE		Y	SMHF2805S/HP	594
5962P9213902HXC	K	02/14/2019	1C	CRANE		Y	SMHF2805S/HP	594
5962P9213902KXA	K	02/14/2019	1C	CRANE		Y	SMHF2805S/KP	594
5962P9213902KXC	K	02/14/2019	1C	CRANE		Y	SMHF2805S/KP	594
5962R9213902HXA	K	02/14/2019	1C	CRANE		Y	SMHF2805S/HR	594
5962R9213902HXC	K	02/14/2019	1C	CRANE		Y	SMHF2805S/HR	594
5962R9213902KXA	K	02/14/2019	1C	CRANE		Y	SMHF2805S/KR	594
5962R9213902KXC	K	02/14/2019	1C	CRANE		Y	SMHF2805S/KR	594
5962-9213902HZA	K	02/14/2019		(NONE)			SMHF2805S (GEN)	594
5962L9213902HZA	K	02/14/2019	1C	CRANE		Y	SMHF2805SF/HL	594
5962L9213902HXC	K	02/14/2019	1C	CRANE		Y	SMHF2805SF/HL	594
5962L9213902KZA	K	02/14/2019	1C	CRANE		Y	SMHF2805SF/KL	594
5962L9213902KXC	K	02/14/2019	1C	CRANE		Y	SMHF2805SF/KL	594
5962P9213902HZA	K	02/14/2019	1C	CRANE		Y	SMHF2805SF/HP	594
5962P9213902HXC	K	02/14/2019	1C	CRANE		Y	SMHF2805SF/HP	594
5962P9213902KZA	K	02/14/2019	1C	CRANE		Y	SMHF2805SF/KP	594
5962P9213902KXC	K	02/14/2019	1C	CRANE		Y	SMHF2805SF/KP	594
5962R9213902HZA	K	02/14/2019	1C	CRANE		Y	SMHF2805SF/HR	594
5962R9213902HXC	K	02/14/2019	1C	CRANE		Y	SMHF2805SF/HR	594
5962R9213902KZA	K	02/14/2019	1C	CRANE		Y	SMHF2805SF/KR	594
5962R9213902KXC	K	02/14/2019	1C	CRANE		Y	SMHF2805SF/KR	594
5962-9214001MQA	A	07/20/2012		(NONE)			27C2048 (GEN)	669
5962-9214001MXA	A	07/20/2012		(NONE)			27C2048 (GEN)	669
5962-9214002MQA	A	07/20/2012		(NONE)			27C2048 (GEN)	669
5962-9214002MXA	A	07/20/2012		(NONE)			27C2048 (GEN)	669
5962-9214003MQA	A	07/20/2012		(NONE)			27C2048 (GEN)	669
5962-9214003MXA	A	07/20/2012		(NONE)			27C2048 (GEN)	669
5962-9214101MPA	C	03/20/2014		(NONE)			MAX631A (GEN)	786
5962-9214102MPA	C	03/20/2014		(NONE)	07/10/2015		MAX631B (GEN)	786
5962-9214103MPA	C	03/20/2014		(NONE)	07/10/2015		MAX632A (GEN)	786
5962-9214104MPA	C	03/20/2014		(NONE)	07/10/2015		MAX632B (GEN)	786
5962-9214105MPA	C	03/20/2014	1	MAXIM INTEG.			MAX633AMJA/883B	786
5962-9214106MPA	C	03/20/2014	1	MAXIM INTEG.			MAX633BMJA/883B	786
5962-9214401HXA	P	07/13/2015	3B	CRANE		Y	MHF+2812D/883	594

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5962-9214401HXC	P	07/13/2015	3B	CRANE		Y MHF+2812D/883		594
5962-9214401HYA	P	07/13/2015	3B	CRANE		Y MHF+2812D/883-MOD		594
5962-9214401HYC	P	07/13/2015	3B	CRANE		Y MHF+2812D/883-MOD		594
5962-9214401HZA	P	07/13/2015	3B	CRANE		Y MHF+2812DF/883		594
5962-9214401HZA	P	07/13/2015	3B	CRANE		Y MHF+2812DF/883		594
5962-9214402HXA	P	07/13/2015		(NONE)		SMHF2812D (GEN)		594
5962L9214402HXA	P	07/13/2015	1C	CRANE		Y SMHF2812D/HL		594
5962L9214402HXC	P	07/13/2015	1C	CRANE		Y SMHF2812D/HL		594
5962L9214402KXA	P	07/13/2015	1C	CRANE		Y SMHF2812D/KL		594
5962L9214402KXC	P	07/13/2015	1C	CRANE		Y SMHF2812D/KL		594
5962P9214402HXA	P	07/13/2015	1C	CRANE		Y SMHF2812D/HP		594
5962P9214402HXC	P	07/13/2015	1C	CRANE		Y SMHF2812D/HP		594
5962P9214402KXA	P	07/13/2015	1C	CRANE		Y SMHF2812D/KP		594
5962P9214402KXC	P	07/13/2015	1C	CRANE		Y SMHF2812D/KP		594
5962R9214402HXA	P	07/13/2015	1C	CRANE		Y SMHF2812D/HR		594
5962R9214402HXC	P	07/13/2015	1C	CRANE		Y SMHF2812D/HR		594
5962R9214402KXA	P	07/13/2015	1C	CRANE		Y SMHF2812D/KR		594
5962R9214402KXC	P	07/13/2015	1C	CRANE		Y SMHF2812D/KR		594
5962-9214402HZA	P	07/13/2015		(NONE)		SMHF2812D (GEN)		594
5962L9214402HZA	P	07/13/2015	1C	CRANE		Y SMHF2812DF/HL		594
5962L9214402HZA	P	07/13/2015	1C	CRANE		Y SMHF2812DF/HL		594
5962L9214402KZA	P	07/13/2015	1C	CRANE		Y SMHF2812DF/KL		594
5962L9214402KZC	P	07/13/2015	1C	CRANE		Y SMHF2812DF/KL		594
5962P9214402HZA	P	07/13/2015	1C	CRANE		Y SMHF2812DF/HP		594
5962P9214402HZA	P	07/13/2015	1C	CRANE		Y SMHF2812DF/HP		594
5962P9214402KZA	P	07/13/2015	1C	CRANE		Y SMHF2812DF/KP		594
5962P9214402KZC	P	07/13/2015	1C	CRANE		Y SMHF2812DF/KP		594
5962R9214402HZA	P	07/13/2015	1C	CRANE		Y SMHF2812DF/HR		594
5962R9214402HZA	P	07/13/2015	1C	CRANE		Y SMHF2812DF/HR		594
5962R9214402KZA	P	07/13/2015	1C	CRANE		Y SMHF2812DF/KR		594
5962R9214402KZC	P	07/13/2015	1C	CRANE		Y SMHF2812DF/KR		594
5962-9214701M2A	D	02/23/2015	2	E2V		Y 54ABT244LMQB		529
5962-9214701M2A	D	02/23/2015	3	TI		Y SNJ54ABT244FK		529
5962-9214701Q2A	D	02/23/2015	2	E2V		Y 54ABT244E-QML		529
5962-9214701V2A	D	02/23/2015		(NONE)	12/03/2008	54ABT244 (GEN)		529
5962-9214701MRA	D	02/23/2015	2	E2V		Y 54ABT244DMQB		529
5962-9214701MRA	D	02/23/2015	3	TI		Y SNJ54ABT244J		529
5962-9214701QRA	D	02/23/2015	2	E2V		Y 54ABT244J-QML		529
5962-9214701VRA	D	02/23/2015		(NONE)	12/03/2008	54ABT244 (GEN)		529
5962-9214701MSA	D	02/23/2015	2	E2V		Y 54ABT244FMQB		529
5962-9214701MSA	D	02/23/2015	3	TI		Y SNJ54ABT244W		529
5962-9214701QSA	D	02/23/2015	2	E2V		Y 54ABT244W-QML		529
5962-9214701VSA	D	02/23/2015		(NONE)	12/03/2008	54ABT244 (GEN)		529
5962-9214801M2A	F	08/26/2015		(NONE)	06/01/1997	54ABT245 (GEN)		590
5962-9214801Q2A	F	08/26/2015	2	E2V		Y 54ABT245E-QML		590
5962-9214801Q2A	F	08/26/2015	2	ROCHESTER		Y 54ABT245/B2A		590
5962-9214801MRA	F	08/26/2015		(NONE)	06/01/1997	54ABT245 (GEN)		590
5962-9214801QRA	F	08/26/2015	2	E2V		Y 54ABT245J-QML		590
5962-9214801QRA	F	08/26/2015	2	ROCHESTER		Y 54ABT245/BRA		590

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5962-9214801MSA	F	08/26/2015		(NONE)			54ABT245 (GEN)	590
5962-9214801QSA	F	08/26/2015	2	E2V		Y	54ABT245W-QML	590
5962-9214801QSA	F	08/26/2015	2	ROCHESTER		Y	54ABT245/BSA	590
5962-9214802Q2A	F	08/26/2015	2	TI		Y	SNJ54ABT245AFK	590
5962-9214802QRA	F	08/26/2015	2	TI		Y	SNJ54ABT245AJ	590
5962-9214802QSA	F	08/26/2015	2	TI		Y	SNJ54ABT245AW	590
5962-9215201HXA	G	03/08/2017		(NONE)			PA21 (GEN)	710
5962-9215202GXA	G	03/08/2017		(NONE)			MSK 184G (GEN)	710
5962-9215202GXC	G	03/08/2017	1	ANAREN		Y	MSK 184G	710
5962-9215203GYC	G	03/08/2017	1	ANAREN		Y	MSK 181G	701
5962-9215203GZC	G	03/08/2017	1	ANAREN		Y	MSK 181GZ	701
5962-9215204GYC	G	03/08/2017	1	ANAREN		Y	MSK 181G	701
5962-9215204GZC	G	03/08/2017	1	ANAREN		Y	MSK 181GZ	701
5962H9215301QNC	N	06/11/2015		(NONE)			2568C60 (GEN)	623
5962H9215301VNC	N	06/11/2015		(NONE)			2568C60 (GEN)	623
5962H9215301QXC	N	06/11/2015		(NONE)			2568C60 (GEN)	623
5962H9215301VXC	N	06/11/2015		(NONE)			2568C60 (GEN)	623
5962H9215301QYC	N	06/11/2015		(NONE)			2568C60 (GEN)	623
5962H9215301VYC	N	06/11/2015		(NONE)			2568C60 (GEN)	623
5962H9215302QNC	N	06/11/2015		(NONE)			2568T60 (GEN)	623
5962H9215302VNC	N	06/11/2015		(NONE)			2568T60 (GEN)	623
5962H9215302QXC	N	06/11/2015		(NONE)			2568T60 (GEN)	623
5962H9215302VXC	N	06/11/2015		(NONE)			2568T60 (GEN)	623
5962H9215302QYC	N	06/11/2015		(NONE)			2568T60 (GEN)	623
5962H9215302VYC	N	06/11/2015		(NONE)			2568T60 (GEN)	623
5962H9215302QZA	N	06/11/2015		(NONE)			2568T60 (GEN)	623
5962H9215302VZA	N	06/11/2015		(NONE)			2568T60 (GEN)	623
5962H9215303QMA	N	06/11/2015		(NONE)			7156-40 (GEN)	623
5962H9215303VMA	N	06/11/2015		(NONE)			7156-40 (GEN)	623
5962H9215303QNC	N	06/11/2015		(NONE)			2568C40 (GEN)	623
5962H9215303VNC	N	06/11/2015		(NONE)			2568C40 (GEN)	623
5962H9215303QTA	N	06/11/2015		(NONE)			7156-40 (GEN)	623
5962H9215303VTA	N	06/11/2015		(NONE)			7156-40 (GEN)	623
5962H9215303QXC	N	06/11/2015		(NONE)			2568C40 (GEN)	623
5962H9215303VXC	N	06/11/2015		(NONE)			2568C40 (GEN)	623
5962H9215303QYC	N	06/11/2015		(NONE)			2568C40 (GEN)	623
5962H9215303VYC	N	06/11/2015		(NONE)			2568C40 (GEN)	623
5962H9215303QZA	N	06/11/2015		(NONE)			2568C40 (GEN)	623
5962H9215303VZA	N	06/11/2015		(NONE)			2568C40 (GEN)	623
5962H9215304QNC	N	06/11/2015		(NONE)			2568T40 (GEN)	623
5962H9215304VNC	N	06/11/2015		(NONE)			2568T40 (GEN)	623
5962H9215304QXC	N	06/11/2015		(NONE)			2568T40 (GEN)	623
5962H9215304VXC	N	06/11/2015		(NONE)			2568T40 (GEN)	623
5962H9215304QYC	N	06/11/2015		(NONE)			2568T40 (GEN)	623
5962H9215304VYC	N	06/11/2015		(NONE)			2568T40 (GEN)	623
5962H9215304QZA	N	06/11/2015		(NONE)			2568T40 (GEN)	623
5962H9215304VZA	N	06/11/2015		(NONE)			2568T40 (GEN)	623
5962H9215305Q4C	N	06/11/2015		(NONE)	06/30/1999		6856 (GEN)	623
5962H9215305V4C	N	06/11/2015		(NONE)	06/30/1999		6856 (GEN)	623

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5962R9215305Q4C	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215305V4C	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215305Q9C	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215305V9C	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215305QMC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215305VMC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215305QUC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215305VUC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215305QUC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215305VUC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215305QZC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215305VZC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215305QZC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215305VZC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215306Q9C	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215306V9C	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215306QMC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215306VMC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215306QUC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215306VUC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215306QUC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215306VUC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215306QZC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215306VZC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215306QZC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215306VZC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215307Q4C	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215307V4C	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215307Q4C	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215307V4C	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215307Q9C	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215307V9C	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215307QMC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215307VMC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215307QUC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215307VUC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215307QUC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215307VUC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215307QZC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215307VZC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215307QZC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215307VZC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215308Q9C	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215308V9C	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215308QMC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215308VMC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215308QUC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215308VUC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215308QUC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623

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5962R9215308VUC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215308QZC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215308VZC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215308QZC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962R9215308VZC	N	06/11/2015		(NONE)	06/30/1999	6856 (GEN)		623
5962H9215309QMA	N	06/11/2015		(NONE)		7156-55 (GEN)		623
5962R9215309QMA	N	06/11/2015		(NONE)		7156-55 (GEN)		623
5962H9215310QMA	N	06/11/2015		(NONE)		7156-55 (GEN)		623
5962R9215310QMA	N	06/11/2015		(NONE)		7156-55 (GEN)		623
5962H9215311QTA	N	06/11/2015		(NONE)		7156-55 (GEN)		623
5962R9215311QTA	N	06/11/2015		(NONE)		7156-55 (GEN)		623
5962H9215312QTA	N	06/11/2015		(NONE)		7156-55 (GEN)		623
5962R9215312QTA	N	06/11/2015		(NONE)		7156-55 (GEN)		623
5962H9215313QNC	N	06/11/2015		(NONE)		2568C30 (GEN)		623
5962H9215313VNC	N	06/11/2015		(NONE)		2568C30 (GEN)		623
5962H9215313QXC	N	06/11/2015		(NONE)		2568C30 (GEN)		623
5962H9215313VXC	N	06/11/2015		(NONE)		2568C30 (GEN)		623
5962H9215313QYC	N	06/11/2015		(NONE)		2568C30 (GEN)		623
5962H9215313VYC	N	06/11/2015		(NONE)		2568C30 (GEN)		623
5962H9215314QNC	N	06/11/2015		(NONE)		2568T30 (GEN)		623
5962H9215314VNC	N	06/11/2015		(NONE)		2568T30 (GEN)		623
5962H9215314QXC	N	06/11/2015		(NONE)		2568T30 (GEN)		623
5962H9215314VXC	N	06/11/2015		(NONE)		2568T30 (GEN)		623
5962H9215314QYC	N	06/11/2015		(NONE)		2568T30 (GEN)		623
5962H9215314VYC	N	06/11/2015		(NONE)		2568T30 (GEN)		623
5962R9215315QMA	N	06/11/2015		(NONE)		7156-70 (GEN)		623
5962R9215316QMA	N	06/11/2015		(NONE)		7156-70 (GEN)		623
5962R9215317QTA	N	06/11/2015		(NONE)		7156-70 (GEN)		623
5962R9215318QTA	N	06/11/2015		(NONE)		7156-70 (GEN)		623
5962H9215319QZC	N	06/11/2015		(NONE)		6856 (GEN)		623
5962H9215319VZC	N	06/11/2015		(NONE)		6856 (GEN)		623
5962H9215401QXC	C	04/12/2017		(NONE)	12/20/2001	IBM6401C-55 (GEN)		620
5962H9215401VXC	C	04/12/2017		(NONE)	12/20/2001	IBM6401C-55 (GEN)		620
5962H9215401QYC	C	04/12/2017		(NONE)	12/20/2001	IBM6401C-55 (GEN)		620
5962H9215401VYC	C	04/12/2017		(NONE)	12/20/2001	IBM6401C-55 (GEN)		620
5962H9215402QXC	C	04/12/2017		(NONE)	12/20/2001	IBM6401T-55 (GEN)		620
5962H9215402VXC	C	04/12/2017		(NONE)	12/20/2001	IBM6401T-55 (GEN)		620
5962H9215402QYC	C	04/12/2017		(NONE)	12/20/2001	IBM6401T-55 (GEN)		620
5962H9215402VYC	C	04/12/2017		(NONE)	12/20/2001	IBM6401T-55 (GEN)		620
5962-9215501MXA	B	03/25/2015	2	E2V		Y CY7C277-50DMB		662
5962-9215501MYA	B	03/25/2015	2	E2V		Y CY7C277-50LMB		662
5962-9215501MZA	B	03/25/2015	2	E2V		Y CY7C277-50KMB		662
5962-9215502MXA	B	03/25/2015	2	E2V		Y CY7C277-40DMB		662
5962-9215502MYA	B	03/25/2015	2	E2V		Y CY7C277-40LMB		662
5962-9215502MZA	B	03/25/2015	2	E2V		Y CY7C277-40KMB		662
5962-9215601Q9A	L	05/01/2018		(NONE)	12/16/2014	1280 (GEN)		431
5962-9215601Q9B	L	05/01/2018		(NONE)	12/16/2014	1280 (GEN)		431
5962-9215601MUC	L	05/01/2018		(NONE)		1280 (GEN)		431
5962-9215601MXA	L	05/01/2018	1	MICROSEMI (2)		A1280-PG176B		431



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5962-9215601MXC	L	05/01/2018	1	MICROSEMI (2)			A1280-PG176B	431
5962-9215601MYA	L	05/01/2018	1	MICROSEMI (2)			A1280-CQ172B	431
5962-9215601MYC	L	05/01/2018	1	MICROSEMI (2)			A1280-CQ172B	431
5962-9215601MZA	L	05/01/2018		(NONE)			1280 (GEN)	431
5962-9215602MUC	L	05/01/2018		(NONE)			1280-1 (GEN)	431
5962-9215602MXA	L	05/01/2018	1	MICROSEMI (2)			A1280-1PG176B	431
5962-9215602MXC	L	05/01/2018	1	MICROSEMI (2)			A1280-1PG176B	431
5962-9215602MYA	L	05/01/2018	1	MICROSEMI (2)			A1280-1CQ172B	431
5962-9215602MYC	L	05/01/2018	1	MICROSEMI (2)			A1280-1CQ172B	431
5962-9215602MZA	L	05/01/2018		(NONE)			1280-1 (GEN)	431
5962F9215603Q9C	L	05/01/2018		(NONE)	06/30/2005		RH1280 (GEN)	431
5962F9215603QYC	L	05/01/2018		(NONE)	06/30/2005		RH1280 (GEN)	431
5962-9215604Q9D	L	05/01/2018		(NONE)	03/30/2007		1280XL (GEN)	431
5962-9215604QXC	L	05/01/2018		(NONE)	03/30/2007		1280XL (GEN)	431
5962-9215604QYC	L	05/01/2018		(NONE)	03/30/2007		1280XL (GEN)	431
5962-9215605QXC	L	05/01/2018		(NONE)	03/30/2007		1280XL-1 (GEN)	431
5962-9215605QYC	L	05/01/2018		(NONE)	03/30/2007		1280XL-1 (GEN)	431
5962R9215606QYC	L	05/01/2018	2	BAE SYSTEMS		Y	197A806-35	431
5962R9215607QYC	L	05/01/2018	2	BAE SYSTEMS		Y	197A806-34	431
5962-9215701M2A	A	06/07/1996		(NONE)	05/27/1997		49FCT805 (GEN)	529
5962-9215701MRA	A	06/07/1996		(NONE)	05/27/1997		49FCT805 (GEN)	529
5962-9215701MSA	A	06/07/1996		(NONE)	05/27/1997		49FCT805 (GEN)	529
5962-9215702M2A	A	06/07/1996		(NONE)	05/27/1997		49FCT805A (GEN)	529
5962-9215702MRA	A	06/07/1996		(NONE)	05/27/1997		49FCT805A (GEN)	529
5962-9215702MSA	A	06/07/1996		(NONE)	05/27/1997		49FCT805A (GEN)	529
5962-9215703M2A	A	06/07/1996		(NONE)	05/27/1997		49FCT806 (GEN)	529
5962-9215703MRA	A	06/07/1996		(NONE)	05/27/1997		49FCT806 (GEN)	529
5962-9215703MSA	A	06/07/1996		(NONE)	05/27/1997		49FCT806 (GEN)	529
5962-9215704M2A	A	06/07/1996		(NONE)	05/27/1997		49FCT806A (GEN)	529
5962-9215704MRA	A	06/07/1996		(NONE)	05/27/1997		49FCT806A (GEN)	529
5962-9215704MSA	A	06/07/1996		(NONE)	05/27/1997		49FCT806A (GEN)	529
5962-9215801MXA	D	07/11/2017	1	E2V		Y	CY7C343-40HMB	431
5962-9215802MXA	D	07/11/2017	1	E2V		Y	CY7C343-30HMB	431
5962-9215901HXA	F	05/21/2018	1	INTER. RECT.2		Y	ATR2815T/CH	594
5962-9215901HZA	F	05/21/2018	1	INTER. RECT.2		Y	ATR2815TF/CH	594
5962-9216201HXA	E	09/20/2018	1	DDC		Y	BUS-65153II-140	599
5962-9216201HXC	E	09/20/2018	1	DDC		Y	BUS-65153II-110	599
5962-9216201HYA	E	09/20/2018	1	DDC		Y	BUS-65163II-140	599
5962-9216201HYC	E	09/20/2018	1	DDC		Y	BUS-65163II-110	599
5962-9216202HXA	E	09/20/2018	1	DDC		Y	BUS-65154II-140	599
5962-9216202HXC	E	09/20/2018	1	DDC		Y	BUS-65154II-110	599
5962-9216202HYA	E	09/20/2018	1	DDC		Y	BUS-65164II-140	599
5962-9216202HYC	E	09/20/2018	1	DDC		Y	BUS-65164II-110	599
5962-9216501M2A	D	05/07/2004		(NONE)			LM6162 (GEN)	702
5962-9216501MHA	D	05/07/2004		(NONE)			LM6162 (GEN)	702
5962-9216501MPA	D	05/07/2004		(NONE)	12/06/2005		LM6162 (GEN)	702
5962-9216501VPA	D	05/07/2004		(NONE)	12/06/2005		LM6162 (GEN)	702
5962-9216501MXA	D	05/07/2004		(NONE)			LM6162 (GEN)	702
5962-9216501VXA	D	05/07/2004		(NONE)			LM6162 (GEN)	702

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5962-9216601MXA	C	06/06/2007		(NONE)	12/03/2008		LM1577-ADJ (GEN)	789
5962-9216601QYA	C	06/06/2007		(NONE)			LM1577-ADJ (GEN)	789
5962-9216701MXA	B	06/08/2007		(NONE)			LM1577-12 (GEN)	782
5962-9216801MXA	A	11/04/2010		(NONE)			LM1577 (GEN)	782
5962-9217101MXC		12/22/1993		(NONE)			L64710-33 (GEN)	399
5962-9217102MXC		12/22/1993		(NONE)			L64710-25 (GEN)	399
5962-9217201MXA	A	10/25/2012		(NONE)	05/10/1995		7B162-15 (GEN)	620
5962-9217201MYA	A	10/25/2012		(NONE)	05/10/1995		7B162-15 (GEN)	620
5962-9217202MXA	A	10/25/2012		(NONE)	05/10/1995		7B162-12 (GEN)	620
5962-9217202MYA	A	10/25/2012		(NONE)	05/10/1995		7B162-12 (GEN)	620
5962-9217203MXA	A	10/25/2012		(NONE)	05/10/1995		7B162-10 (GEN)	620
5962-9217203MYA	A	10/25/2012		(NONE)	05/10/1995		7B162-10 (GEN)	620
5962-9217401M2A	E	01/29/2019	3	E2V		Y	54AC2525LMQB	399
5962-9217401MCA	E	01/29/2019	3	E2V		Y	54AC2525DMQB	399
5962-9217401MDA	E	01/29/2019	3	E2V		Y	54AC2525FMQB	399
5962F9217401VDA	E	01/29/2019		(NONE)	12/03/2008		54AC2525 (GEN)	399
5962R9217401VDA	E	01/29/2019		(NONE)	12/03/2008		54AC2525 (GEN)	399
5962F9217402VXA	E	01/29/2019	2	STMICRO		Y	RHFAC2525K02V	399
5962F9217402VXC	E	01/29/2019	2	STMICRO		Y	RHFAC2525K01V	399
5962F9217402VYA	E	01/29/2019	2	STMICRO		Y	RHFAC2525K04V	399
5962F9217402VYC	E	01/29/2019	2	STMICRO		Y	RHFAC2525K03V	399
5962-9217601M2A	B	06/20/2013	3	E2V		Y	54ACQ244LMQB	529
5962-9217601M2A	B	06/20/2013	2	E2V		Y	QP54ACQ244LMQB	529
5962-9217601MRA	B	06/20/2013	3	E2V		Y	54ACQ244DMQB	529
5962-9217601MRA	B	06/20/2013	2	E2V		Y	QP54ACQ244DMQB	529
5962-9217601MSA	B	06/20/2013	3	E2V		Y	54ACQ244FMQB	529
5962-9217601MSA	B	06/20/2013	2	E2V		Y	QP54ACQ244FMQB	529
5962-9217701M2A	C	06/20/2013	3	E2V		Y	54ACQ245LMQB	590
5962-9217701MRA	C	06/20/2013	3	E2V		Y	54ACQ245DMQB	590
5962-9217701MSA	C	06/20/2013	3	E2V		Y	54ACQ245FMQB	590
5962-9217801M2A	B	10/24/2012	3	E2V		Y	54ACQ373LMQB	341
5962-9217801MRA	B	10/24/2012	3	E2V		Y	54ACQ373DMQB	341
5962-9217801MSA	B	10/24/2012	3	E2V		Y	54ACQ373FMQB	341
5962-9217901M2A	B	02/25/2013	1	E2V		Y	54ACQ374LMQB	159
5962-9217901M2A	B	02/25/2013	1	ROCHESTER		Y	54ACQ374/Q2A	159
5962-9217901MRA	B	02/25/2013	1	E2V		Y	54ACQ374DMQB	159
5962-9217901MRA	B	02/25/2013	1	ROCHESTER		Y	54ACQ374/QRA	159
5962-9217901MSA	B	02/25/2013	1	E2V		Y	54ACQ374FMQB	159
5962-9217901MSA	B	02/25/2013	1	ROCHESTER		Y	54ACQ374/QSA	159
5962-9218001M2A	B	01/25/2013	3	E2V		Y	54ACQ573LMQB	341
5962-9218001MRA	B	01/25/2013	3	E2V		Y	54ACQ573DMQB	341
5962-9218001MSA	B	01/25/2013	3	E2V		Y	54ACQ573FMQB	341
5962-9218101M2A	B	10/29/2012	3	E2V		Y	54ACTQ02LMQB	120
5962-9218101M2A	B	10/29/2012	3	ROCHESTER		Y	54ACTQ02/Q2A	120
5962-9218101MCA	B	10/29/2012	3	E2V		Y	54ACTQ02DMQB	120
5962-9218101MCA	B	10/29/2012	3	ROCHESTER		Y	54ACTQ02/QCA	120
5962-9218101MDA	B	10/29/2012	3	E2V		Y	54ACTQ02FMQB	120
5962-9218101MDA	B	10/29/2012	3	ROCHESTER		Y	54ACTQ02/QDA	120
5962-9218201M2A	C	04/20/2011	2	E2V		Y	54ACTQ10LMQB	102

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5962-9218201M2A	C	04/20/2011	2	ROCHESTER		Y 54ACTQ10/Q2A		102
5962-9218201M2A	C	04/20/2011	2	TI		Y SNJ54ACT10FK		102
5962-9218201MCA	C	04/20/2011	2	E2V		Y 54ACTQ10DMQB		102
5962-9218201MCA	C	04/20/2011	2	ROCHESTER		Y 54ACTQ10/QCA		102
5962-9218201MCA	C	04/20/2011	2	TI		Y SNJ54ACT10J		102
5962-9218201MDA	C	04/20/2011	2	E2V		Y 54ACTQ10FMQB		102
5962-9218201MDA	C	04/20/2011	2	ROCHESTER		Y 54ACTQ10/QDA		102
5962-9218201MDA	C	04/20/2011	2	TI		Y SNJ54ACT10W		102
5962-9218202QXA	C	04/20/2011		(NONE)		54ACT10 (GEN)		102
5962-9218202VXA	C	04/20/2011		(NONE)		54ACT10 (GEN)		102
5962F9218202QXA	C	04/20/2011	2	STMICRO		Y RHFACT10K02Q		102
5962F9218202QXC	C	04/20/2011	2	STMICRO		Y RHFACT10K01Q		102
5962F9218202VXA	C	04/20/2011	2	STMICRO		Y RHFACT10K02V		102
5962F9218202VXC	C	04/20/2011	2	STMICRO		Y RHFACT10K01V		102
5962-9218301M2A	E	07/28/2016		E2V		Y 54ACTQ14LMQB		143
5962-9218301M2A	E	07/28/2016	1	ROCHESTER		Y 54ACTQ14/Q2A		143
5962-9218301M2A	E	07/28/2016	3	TI		Y SNJ54ACT14FK		143
5962-9218301MCA	E	07/28/2016		E2V		Y 54ACTQ14DMQB		143
5962-9218301MCA	E	07/28/2016	1	ROCHESTER		Y 54ACTQ14/QCA		143
5962-9218301MCA	E	07/28/2016	3	TI		Y SNJ54ACT14J		143
5962-9218301MDA	E	07/28/2016		E2V		Y 54ACTQ14FMQB		143
5962-9218301MDA	E	07/28/2016	1	ROCHESTER		Y 54ACTQ14/QDA		143
5962-9218301MDA	E	07/28/2016	3	TI		Y SNJ54ACT14W		143
5962-9218401M2A	C	03/07/2013	3	E2V		Y 54ACTQ240LMQB		529
5962-9218401M2A	C	03/07/2013	3A	E2V		Y QP54ACTQ240LMQB		529
5962-9218401M2A	C	03/07/2013	3	ROCHESTER		Y 54ACTQ240/Q2A		529
5962-9218401MRA	C	03/07/2013	3	E2V		Y 54ACTQ240DMQB		529
5962-9218401MRA	C	03/07/2013	3A	E2V		Y QP54ACTQ240DMQB		529
5962-9218401MRA	C	03/07/2013	3	ROCHESTER		Y 54ACTQ240/QRA		529
5962-9218401MSA	C	03/07/2013	3	E2V		Y 54ACTQ240FMQB		529
5962-9218401MSA	C	03/07/2013	3A	E2V		Y QP54ACTQ240FMQB		529
5962-9218401MSA	C	03/07/2013	3	ROCHESTER		Y 54ACTQ240/QSA		529
5962-9218501M2A	B	03/25/2013	3	E2V		Y 54ACTQ241LMQB		529
5962-9218501M2A	B	03/25/2013	3	ROCHESTER		Y 54ACTQ241/Q2A		529
5962-9218501V2A	B	03/25/2013		(NONE)	12/03/2008	54ACTQ241 (GEN)		529
5962-9218501MRA	B	03/25/2013	3	E2V		Y 54ACTQ241DMQB		529
5962-9218501MRA	B	03/25/2013	3	ROCHESTER		Y 54ACTQ241/QRA		529
5962-9218501VRA	B	03/25/2013		(NONE)	12/03/2008	54ACTQ241 (GEN)		529
5962-9218501MSA	B	03/25/2013	3	E2V		Y 54ACTQ241FMQB		529
5962-9218501MSA	B	03/25/2013	3	ROCHESTER		Y 54ACTQ241/QSA		529
5962-9218501VSA	B	03/25/2013		(NONE)	12/03/2008	54ACTQ241 (GEN)		529
5962-9218601M2A	C	03/22/2013	3	E2V		Y 54ACTQ244LMQB		529
5962-9218601M2A	C	03/22/2013	2	E2V		Y QP54ACTQ244LMQB		529
5962-9218601M2A	C	03/22/2013	3	ROCHESTER		Y 54ACTQ244/Q2A		529
5962-9218601V2A	C	03/22/2013		(NONE)		54ACTQ244 (GEN)		529
5962R9218601M2A	C	03/22/2013		(NONE)		54ACTQ244 (GEN)		529
5962R9218601V2A	C	03/22/2013		(NONE)		54ACTQ244 (GEN)		529
5962-9218601MRA	C	03/22/2013	3	E2V		Y 54ACTQ244DMQB		529
5962-9218601MRA	C	03/22/2013	2	E2V		Y QP54ACTQ244DMQB		529

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9218601MRA	C	03/22/2013	3	ROCHESTER		Y 54ACTQ244/QRA		529
5962-9218601VRA	C	03/22/2013		(NONE)		54ACTQ244 (GEN)		529
5962R9218601MRA	C	03/22/2013		(NONE)		54ACTQ244 (GEN)		529
5962R9218601VRA	C	03/22/2013		(NONE)		54ACTQ244 (GEN)		529
5962-9218601MSA	C	03/22/2013	3	E2V		Y 54ACTQ244FMQB		529
5962-9218601MSA	C	03/22/2013	2	E2V		Y QP54ACTQ244FMQB		529
5962-9218601MSA	C	03/22/2013	3	ROCHESTER		Y 54ACTQ244/QSA		529
5962-9218601VSA	C	03/22/2013		(NONE)		54ACTQ244 (GEN)		529
5962R9218601MSA	C	03/22/2013		(NONE)		54ACTQ244 (GEN)		529
5962R9218601VSA	C	03/22/2013		(NONE)		54ACTQ244 (GEN)		529
5962-9218701M2A	D	03/12/2015	3	E2V		Y 54ACTQ245LMQB		590
5962-9218701M2A	D	03/12/2015	2	E2V		Y QP54ACTQ245LMQB		590
5962-9218701M2A	D	03/12/2015	3	ROCHESTER		Y 54ACTQ245/B2A		590
5962R9218701M2A	D	03/12/2015		(NONE)		54ACTQ245 (GEN)		590
5962R9218701V2A	D	03/12/2015		(NONE)	06/20/2008	54ACTQ245 (GEN)		590
5962-9218701MRA	D	03/12/2015	3	E2V		Y 54ACTQ245DMQB		590
5962-9218701MRA	D	03/12/2015	2	E2V		Y QP54ACTQ245DMQB		590
5962-9218701MRA	D	03/12/2015	3	ROCHESTER		Y 54ACTQ245/BRA		590
5962R9218701MRA	D	03/12/2015		(NONE)		54ACTQ245 (GEN)		590
5962R9218701VRA	D	03/12/2015		(NONE)		54ACTQ245 (GEN)		590
5962-9218701MSA	D	03/12/2015	3	E2V		Y 54ACTQ245FMQB		590
5962-9218701MSA	D	03/12/2015	2	E2V		Y QP54ACTQ245FMQB		590
5962-9218701MSA	D	03/12/2015	3	ROCHESTER		Y 54ACTQ245/BSA		590
5962R9218701MSA	D	03/12/2015		(NONE)		54ACTQ245 (GEN)		590
5962R9218701VSA	D	03/12/2015		(NONE)		54ACTQ245 (GEN)		590
5962-9218801M2A	C	03/22/2013	3	E2V		Y 54ACTQ373LMQB		341
5962-9218801M2A	C	03/22/2013	3	ROCHESTER		Y 54ACTQ373/Q2A		341
5962-9218801MRA	C	03/22/2013	3	E2V		Y 54ACTQ373DMQB		341
5962-9218801MRA	C	03/22/2013	3	ROCHESTER		Y 54ACTQ373/QRA		341
5962-9218801MSA	C	03/22/2013	3	E2V		Y 54ACTQ373FMQB		341
5962-9218801MSA	C	03/22/2013	3	ROCHESTER		Y 54ACTQ373/QSA		341
5962-9218901M2A	C	11/14/2012	3	E2V		Y 54ACTQ374LMQB		159
5962-9218901M2A	C	11/14/2012	3	ROCHESTER		Y 54ACTQ374/Q2A		159
5962R9218901M2A	C	11/14/2012		(NONE)		54ACTQ374 (GEN)		159
5962R9218901V2A	C	11/14/2012		(NONE)		54ACTQ374 (GEN)		159
5962-9218901MRA	C	11/14/2012	3	E2V		Y 54ACTQ374DMQB		159
5962-9218901MRA	C	11/14/2012	3	ROCHESTER		Y 54ACTQ374/QRA		159
5962R9218901MRA	C	11/14/2012		(NONE)		54ACTQ374 (GEN)		159
5962R9218901VRA	C	11/14/2012		(NONE)		54ACTQ374 (GEN)		159
5962-9218901MSA	C	11/14/2012	3	E2V		Y 54ACTQ374FMQB		159
5962-9218901MSA	C	11/14/2012	3	ROCHESTER		Y 54ACTQ374/QSA		159
5962R9218901MSA	C	11/14/2012		(NONE)		54ACTQ374 (GEN)		159
5962R9218901VSA	C	11/14/2012		(NONE)		54ACTQ374 (GEN)		159
5962-9219001M2A	C	05/22/2013	3	E2V		Y 54ACTQ377LMQB		159
5962-9219001M2A	C	05/22/2013	2	E2V		Y QP54ACTQ377LMQB		159
5962-9219001MRA	C	05/22/2013	3	E2V		Y 54ACTQ377DMQB		159
5962-9219001MRA	C	05/22/2013	2	E2V		Y QP54ACTQ377DMQB		159
5962-9219001MSA	C	05/22/2013	3	E2V		Y 54ACTQ377FMQB		159
5962-9219001MSA	C	05/22/2013	2	E2V		Y QP54ACTQ377FMQB		159

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5962-9219401M2A	B	06/15/2013	3	E2V		Y 54ACTQ573LMQB		341
5962-9219401M2A	B	06/15/2013	3	ROCHESTER		Y 54ACTQ573/Q2A		341
5962-9219401MRA	B	06/15/2013	3	E2V		Y 54ACTQ573DMQB		341
5962-9219401MRA	B	06/15/2013	3	ROCHESTER		Y 54ACTQ573/QRA		341
5962-9219401MSA	B	06/15/2013	3	E2V		Y 54ACTQ573FMQB		341
5962-9219401MSA	B	06/15/2013	3	ROCHESTER		Y 54ACTQ573/QSA		341
5962-9219601M3A	B	06/17/2013	3	E2V		Y 54ACTQ646LMQB		590
5962-9219601M3A	B	06/17/2013	3	ROCHESTER		Y 54ACTQ646/Q3A		590
5962-9219601MKA	B	06/17/2013	3	E2V		Y 54ACTQ646FMQB		590
5962-9219601MKA	B	06/17/2013	3	ROCHESTER		Y 54ACTQ646/QKA		590
5962-9219601MLA	B	06/17/2013	3	E2V		Y 54ACTQ646SDMQB		590
5962-9219601MLA	B	06/17/2013	3	ROCHESTER		Y 54ACTQ646/QLA		590
5962-9219701M3A	B	04/25/2013	2	E2V		Y 54ACTQ657LMQB		590
5962-9219701MKA	B	04/25/2013	2	E2V		Y 54ACTQ657FMQB		590
5962-9219701MLA	B	04/25/2013	2	E2V		Y 54ACTQ657SDMQB		590
5962-9219901M3A	B	04/24/2013	3	E2V		Y 54ACTQ827LMQB		569
5962-9219901M3A	B	04/24/2013	3	ROCHESTER		Y 54ACTQ827/Q3A		569
5962-9219901MKA	B	04/24/2013	3	E2V		Y 54ACTQ827FMQB		569
5962-9219901MKA	B	04/24/2013	3	ROCHESTER		Y 54ACTQ827/QKA		569
5962-9219901MLA	B	04/24/2013	3	E2V		Y 54ACTQ827SDMQB		569
5962-9219901MLA	B	04/24/2013	3	ROCHESTER		Y 54ACTQ827/QLA		569
5962-9220001M3A	B	05/16/2013	3	E2V		Y 54ACTQ841LMQB		342
5962-9220001M3A	B	05/16/2013	3	ROCHESTER		Y 54ACTQ841/Q3A		342
5962-9220001MKA	B	05/16/2013	3	E2V		Y 54ACTQ841FMQB		342
5962-9220001MKA	B	05/16/2013	3	ROCHESTER		Y 54ACTQ841/QKA		342
5962-9220001MLA	B	05/16/2013	3	E2V		Y 54ACTQ841SDMQB		342
5962-9220001MLA	B	05/16/2013	3	ROCHESTER		Y 54ACTQ841/QLA		342
5962-9220101M2A	C	11/29/2017	3	E2V		Y 54AC280LMQB		210
5962-9220101M2A	C	11/29/2017	3	ROCHESTER		Y 54AC280/Q2A		210
5962-9220101MCA	C	11/29/2017	3	E2V		Y 54AC280DMQB		210
5962-9220101MCA	C	11/29/2017	3	ROCHESTER		Y 54AC280/QCA		210
5962-9220101MDA	C	11/29/2017	3	E2V		Y 54AC280FMQB		210
5962-9220101MDA	C	11/29/2017	3	ROCHESTER		Y 54AC280/QDA		210
5962-9220102QXA	C	11/29/2017		(NONE)		54AC280 (GEN)		210
5962-9220102VXA	C	11/29/2017		(NONE)		54AC280 (GEN)		210
5962-9220201M2A	F	01/09/2018	1B	PYRAMID		Y P54FCT139TLMB		283
5962-9220201MEA	F	01/09/2018	1B	PYRAMID		Y P54FCT139TCMB		283
5962-9220201MFA	F	01/09/2018	1B	PYRAMID		Y P54FCT139TFSMB		283
5962-9220202M2A	F	01/09/2018	1	E2V		Y IDT54FCT139TLB		283
5962-9220202M2A	F	01/09/2018	1B	PYRAMID		Y P54FCT139TLMB02		283
5962-9220202MEA	F	01/09/2018	1	E2V		Y IDT54FCT139TDB		283
5962-9220202MEA	F	01/09/2018	1B	PYRAMID		Y P54FCT139TCMB02		283
5962-9220202MFA	F	01/09/2018	1	E2V		Y IDT54FCT139TEB		283
5962-9220202MFA	F	01/09/2018	1B	PYRAMID		Y P54FCT139TFSMB02		283
5962-9220203M2A	F	01/09/2018	1B	PYRAMID		Y P54FCT139ATLMB		283
5962-9220203MEA	F	01/09/2018	1B	PYRAMID		Y P54FCT139ATCMB		283
5962-9220203MFA	F	01/09/2018	1B	PYRAMID		Y P54FCT139ATFSMB		283
5962-9220204M2A	F	01/09/2018	1	E2V		Y IDT54FCT139ATLB		283
5962-9220204M2A	F	01/09/2018	1B	PYRAMID		Y P54FCT139ATLMB04		283



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5962-9220204MEA	F	01/09/2018	1	E2V		Y	IDT54FCT139ATDB	283
5962-9220204MEA	F	01/09/2018	1B	PYRAMID		Y	P54FCT139ATCMB04	283
5962-9220204MFA	F	01/09/2018	1	E2V		Y	IDT54FCT139ATEB	283
5962-9220204MFA	F	01/09/2018	1B	PYRAMID		Y	P54FCT139ATFSMB04	283
5962-9220205M2A	F	01/09/2018	1B	PYRAMID		Y	P54FCT139CTLMB	283
5962-9220205MEA	F	01/09/2018	1B	PYRAMID		Y	P54FCT139CTCMB	283
5962-9220205MFA	F	01/09/2018	1B	PYRAMID		Y	P54FCT139CTFSMB	283
5962-9220206M2A	F	01/09/2018	1	E2V		Y	IDT54FCT139CTLB	283
5962-9220206M2A	F	01/09/2018	1B	PYRAMID		Y	P54FCT139CTLMB06	283
5962-9220206MEA	F	01/09/2018	1	E2V		Y	IDT54FCT139CTDB	283
5962-9220206MEA	F	01/09/2018	1B	PYRAMID		Y	P54FCT139CTCMB06	283
5962-9220206MFA	F	01/09/2018	1	E2V		Y	IDT54FCT139CTEB	283
5962-9220206MFA	F	01/09/2018	1B	PYRAMID		Y	P54FCT139CTFSMB06	283
5962-9220301M2A	E	03/14/2016	2	IDT		Y	IDT54FCT244TLB	529
5962-9220301M2A	E	03/14/2016	1	PYRAMID		Y	P54FCT244TLMB	529
5962-9220301M2A	E	03/14/2016	2	TI		Y	CY54FCT244TLMB	529
5962-9220301MRA	E	03/14/2016	2	IDT		Y	IDT54FCT244TDB	529
5962-9220301MRA	E	03/14/2016	1	PYRAMID		Y	P54FCT244TCMB	529
5962-9220301MRA	E	03/14/2016	2	TI		Y	CY54FCT244TDMB	529
5962-9220301MSA	E	03/14/2016	1	PYRAMID		Y	P54FCT244TFSMB	529
5962-9220301MSA	E	03/14/2016	2	TI		Y	CY54FCT244TW	529
5962-9220302M2A	E	03/14/2016	2	IDT		Y	IDT54FCT244ATLB	529
5962-9220302M2A	E	03/14/2016	1	PYRAMID		Y	P54FCT244ATLMB	529
5962-9220302M2A	E	03/14/2016	2	TI		Y	CY54FCT244ATLMB	529
5962-9220302MRA	E	03/14/2016	2	IDT		Y	IDT54FCT244ATDB	529
5962-9220302MRA	E	03/14/2016	1	PYRAMID		Y	P54FCT244ATCMB	529
5962-9220302MRA	E	03/14/2016	2	TI		Y	CY54FCT244ATDMB	529
5962-9220302MSA	E	03/14/2016	1	PYRAMID		Y	P54FCT244ATFSMB	529
5962-9220302MSA	E	03/14/2016	2	TI		Y	CY54FCT244ATW	529
5962-9220303M2A	E	03/14/2016	2	IDT		Y	IDT54FCT244CTLB	529
5962-9220303M2A	E	03/14/2016	1	PYRAMID		Y	P54FCT244CTLMB	529
5962-9220303M2A	E	03/14/2016	2	TI		Y	CY54FCT244CTLMB	529
5962-9220303MRA	E	03/14/2016	2	IDT		Y	IDT54FCT244CTDB	529
5962-9220303MRA	E	03/14/2016	1	PYRAMID		Y	P54FCT244CTCMB	529
5962-9220303MRA	E	03/14/2016	2	TI		Y	CY54FCT244CTDMB	529
5962-9220303MSA	E	03/14/2016	1	PYRAMID		Y	P54FCT244CTFSMB	529
5962-9220304M2A	E	03/14/2016	1	PYRAMID		Y	P54FCT244TLMB	529
5962-9220304MRA	E	03/14/2016	1	PYRAMID		Y	P54FCT244TCMB	529
5962-9220304MSA	E	03/14/2016	1	PYRAMID		Y	P54FCT244TFSMB	529
5962-9220305M2A	E	03/14/2016	1	PYRAMID		Y	P54FCT244ATLMB	529
5962-9220305MRA	E	03/14/2016	1	PYRAMID		Y	P54FCT244ATCMB	529
5962-9220305MSA	E	03/14/2016	1	PYRAMID		Y	P54FCT244ATFSMB	529
5962-9220306M2A	E	03/14/2016	1	PYRAMID		Y	P54FCT244CTLMB	529
5962-9220306MRA	E	03/14/2016	1	PYRAMID		Y	P54FCT244CTCMB	529
5962-9220306MSA	E	03/14/2016	1	PYRAMID		Y	P54FCT244CTFSMB	529
5962-9220401M3A	A	09/06/1996		(NONE)	04/27/1998		29FCT52AT (GEN)	590
5962-9220401MKA	A	09/06/1996		(NONE)	04/27/1998		29FCT52AT (GEN)	590
5962-9220401MLA	A	09/06/1996		(NONE)	04/27/1998		29FCT52AT (GEN)	590
5962-9220402M3A	A	09/06/1996		(NONE)	04/27/1998		29FCT52BT (GEN)	590



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5962-9220402MKA	A	09/06/1996		(NONE)	04/27/1998		29FCT52BT (GEN)	590
5962-9220402MLA	A	09/06/1996		(NONE)	04/27/1998		29FCT52BT (GEN)	590
5962-9220403M3A	A	09/06/1996		(NONE)	04/28/1997		29FCT52CT (GEN)	590
5962-9220403MKA	A	09/06/1996		(NONE)	04/27/1998		29FCT52CT (GEN)	590
5962-9220403MLA	A	09/06/1996		(NONE)	04/27/1998		29FCT52CT (GEN)	590
5962-9220501M3A	D	04/23/2014		(NONE)			29FCT520AT (GEN)	249
5962-9220501MLA	D	04/23/2014		(NONE)			29FCT520AT (GEN)	249
5962-9220502M3A	D	04/23/2014		(NONE)	04/27/1998		29FCT520AT (GEN)	249
5962-9220502MKA	D	04/23/2014		(NONE)	04/27/1998		29FCT520AT (GEN)	249
5962-9220502MLA	D	04/23/2014	2	TI		Y	CY29FCT520ATDMB	249
5962-9220503M3A	D	04/23/2014		(NONE)			29FCT520BT (GEN)	249
5962-9220503MLA	D	04/23/2014		(NONE)			29FCT520BT (GEN)	249
5962-9220504M3A	D	04/23/2014		(NONE)	04/27/1998		29FCT520BT (GEN)	249
5962-9220504MKA	D	04/23/2014		(NONE)	04/27/1998		29FCT520BT (GEN)	249
5962-9220504MLA	D	04/23/2014	2	TI		Y	CY29FCT520BTDMB	249
5962-9220505M3A	D	04/23/2014		(NONE)			29FCT520CT (GEN)	249
5962-9220505MLA	D	04/23/2014		(NONE)			29FCT520CT (GEN)	249
5962-9220506M3A	D	04/23/2014		(NONE)	04/27/1998		29FCT520CT (GEN)	249
5962-9220506MKA	D	04/23/2014		(NONE)	04/27/1998		29FCT520CT (GEN)	249
5962-9220506MLA	D	04/23/2014		(NONE)	04/27/1998		29FCT520CT (GEN)	249
5962-9220601M2A		10/06/1994		(NONE)	04/27/1998		54FCT151T (GEN)	271
5962-9220601MEA		10/06/1994		(NONE)	04/27/1998		54FCT151T (GEN)	271
5962-9220601MFA		10/06/1994		(NONE)	04/27/1998		54FCT151T (GEN)	271
5962-9220602M2A		10/06/1994		(NONE)			54FCT151T (GEN)	271
5962-9220602MEA		10/06/1994		(NONE)			54FCT151T (GEN)	271
5962-9220602MFA		10/06/1994		(NONE)			54FCT151T (GEN)	271
5962-9220603M2A		10/06/1994		(NONE)	04/27/1998		54FCT151AT (GEN)	271
5962-9220603MEA		10/06/1994		(NONE)	04/27/1998		54FCT151AT (GEN)	271
5962-9220603MFA		10/06/1994		(NONE)	04/27/1998		54FCT151AT (GEN)	271
5962-9220604M2A		10/06/1994		(NONE)			54FCT151AT (GEN)	271
5962-9220604MEA		10/06/1994		(NONE)			54FCT151AT (GEN)	271
5962-9220604MFA		10/06/1994		(NONE)			54FCT151AT (GEN)	271
5962-9220605M2A		10/06/1994		(NONE)	04/27/1998		54FCT151CT (GEN)	271
5962-9220605MEA		10/06/1994		(NONE)	04/27/1998		54FCT151CT (GEN)	271
5962-9220605MFA		10/06/1994		(NONE)	04/27/1998		54FCT151CT (GEN)	271
5962-9220606M2A		10/06/1994		(NONE)			54FCT151CT (GEN)	271
5962-9220606MEA		10/06/1994		(NONE)			54FCT151CT (GEN)	271
5962-9220606MFA		10/06/1994		(NONE)			54FCT151CT (GEN)	271
5962-9220801M2A	H	04/05/2017	1	E2V		Y	54FCT157T/M2A	276
5962-9220801MEA	H	04/05/2017	1	E2V		Y	54FCT157T/MEA	276
5962-9220801MFA	H	04/05/2017	1	E2V		Y	54FCT157T/MFA	276
5962-9220802M2A	H	04/05/2017		(NONE)			54FCT157T (GEN)	276
5962-9220802MEA	H	04/05/2017		(NONE)			54FCT157T (GEN)	276
5962-9220803M2A	H	04/05/2017	2	TI		Y	CY54FCT157ATLMB	276
5962-9220803MEA	H	04/05/2017		(NONE)	04/27/1998		54FCT157AT (GEN)	276
5962-9220803MFA	H	04/05/2017		(NONE)	04/27/1998		54FCT157AT (GEN)	276
5962-9220804M2A	H	04/05/2017		(NONE)			54FCT157AT (GEN)	276
5962-9220804MEA	H	04/05/2017		(NONE)			54FCT157AT (GEN)	276
5962-9220805M2A	H	04/05/2017		(NONE)	04/27/1998		54FCT157CT (GEN)	276

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9220805MEA	H	04/05/2017		(NONE)	04/27/1998		54FCT157CT (GEN)	276
5962-9220805MFA	H	04/05/2017		(NONE)	04/27/1998		54FCT157CT (GEN)	276
5962-9220806M2A	H	04/05/2017		(NONE)			54FCT157CT (GEN)	276
5962-9220806MEA	H	04/05/2017		(NONE)			54FCT157CT (GEN)	276
5962-9220901M2A	C	09/30/1996	1B	PYRAMID		Y	P54FCT161TLMB	304
5962-9220901MEA	C	09/30/1996	1B	PYRAMID		Y	P54FCT161TCMB	304
5962-9220901MFA	C	09/30/1996	1B	PYRAMID		Y	P54FCT161TFSMB	304
5962-9220902M2A	C	09/30/1996	1B	PYRAMID		Y	P54FCT161TLMB02	304
5962-9220902MEA	C	09/30/1996	1B	PYRAMID		Y	P54FCT161TCMB02	304
5962-9220902MFA	C	09/30/1996	1B	PYRAMID		Y	P54FCT161TFSMB02	304
5962-9220903M2A	C	09/30/1996	1B	PYRAMID		Y	P54FCT161ATLMB	304
5962-9220903MEA	C	09/30/1996	1B	PYRAMID		Y	P54FCT161ATCMB	304
5962-9220903MFA	C	09/30/1996	1B	PYRAMID		Y	P54FCT161ATFSMB	304
5962-9220904M2A	C	09/30/1996	1B	PYRAMID		Y	P54FCT161ATLMB04	304
5962-9220904MEA	C	09/30/1996	1B	PYRAMID		Y	P54FCT161ATCMB04	304
5962-9220904MFA	C	09/30/1996	1B	PYRAMID		Y	P54FCT161ATFSMB04	304
5962-9220905M2A	C	09/30/1996	1B	PYRAMID		Y	P54FCT161CTLMB	304
5962-9220905MEA	C	09/30/1996	1B	PYRAMID		Y	P54FCT161CTCMB	304
5962-9220905MFA	C	09/30/1996	1B	PYRAMID		Y	P54FCT161CTFSMB	304
5962-9220906M2A	C	09/30/1996	1B	PYRAMID		Y	P54FCT161CTLMB06	304
5962-9220906MEA	C	09/30/1996	1B	PYRAMID		Y	P54FCT161CTCMB06	304
5962-9220906MFA	C	09/30/1996	1B	PYRAMID		Y	P54FCT161CTFSMB06	304
5962-9221001M2A	G	01/09/2018	1B	PYRAMID		Y	P54FCT163TLMB	304
5962-9221001MEA	G	01/09/2018	1B	PYRAMID		Y	P54FCT163TCMB	304
5962-9221001MFA	G	01/09/2018	1B	PYRAMID		Y	P54FCT163TFSMB	304
5962-9221002M2A	G	01/09/2018	1	E2V		Y	IDT54FCT163TLB	304
5962-9221002M2A	G	01/09/2018	1B	PYRAMID		Y	P54FCT163TLMB02	304
5962-9221002MEA	G	01/09/2018	1	E2V		Y	IDT54FCT163TDB	304
5962-9221002MEA	G	01/09/2018	1B	PYRAMID		Y	P54FCT163TCMB02	304
5962-9221002MFA	G	01/09/2018	1	E2V		Y	IDT54FCT163TEB	304
5962-9221002MFA	G	01/09/2018	1B	PYRAMID		Y	P54FCT163TFSMB02	304
5962-9221003M2A	G	01/09/2018	1B	PYRAMID		Y	P54FCT163ATLMB03	304
5962-9221003MEA	G	01/09/2018	1B	PYRAMID		Y	P54FCT163ATCMB03	304
5962-9221003MFA	G	01/09/2018	1B	PYRAMID		Y	P54FCT163ATFSMB03	304
5962-9221004M2A	G	01/09/2018	1	E2V		Y	IDT54FCT163ATLB	304
5962-9221004M2A	G	01/09/2018	1B	PYRAMID		Y	P54FCT163ATLMB04	304
5962-9221004MEA	G	01/09/2018	1	E2V		Y	IDT54FCT163ATDB	304
5962-9221004MEA	G	01/09/2018	1B	PYRAMID		Y	P54FCT163ATCMB04	304
5962-9221004MFA	G	01/09/2018	1	E2V		Y	IDT54FCT163ATEB	304
5962-9221004MFA	G	01/09/2018	1B	PYRAMID		Y	P54FCT163ATFSMB04	304
5962-9221005M2A	G	01/09/2018	1B	PYRAMID		Y	P54FCT163CTLMB05	304
5962-9221005MEA	G	01/09/2018	1B	PYRAMID		Y	P54FCT163CTCMB05	304
5962-9221005MFA	G	01/09/2018	1B	PYRAMID		Y	P54FCT163CTFSMB05	304
5962-9221006M2A	G	01/09/2018	1	E2V		Y	IDT54FCT163CTLB	304
5962-9221006M2A	G	01/09/2018	1B	PYRAMID		Y	P54FCT163CTLMB06	304
5962-9221006MEA	G	01/09/2018	1	E2V		Y	IDT54FCT163CTDB	304
5962-9221006MEA	G	01/09/2018	1B	PYRAMID		Y	P54FCT163CTCMB06	304
5962-9221006MFA	G	01/09/2018	1	E2V		Y	IDT54FCT163CTEB	304
5962-9221006MFA	G	01/09/2018	1B	PYRAMID		Y	P54FCT163CTFSMB06	304

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5962-9221101M2A	A	09/30/1996		(NONE)			54FCT257T (GEN)	276
5962-9221101MEA	A	09/30/1996		(NONE)			54FCT257T (GEN)	276
5962-9221102M2A	A	09/30/1996		(NONE)	01/31/2006		54FCT257T (GEN)	276
5962-9221102MEA	A	09/30/1996		(NONE)	01/31/2006		54FCT257T (GEN)	276
5962-9221102MFA	A	09/30/1996		(NONE)	04/29/2002		54FCT257T (GEN)	276
5962-9221103M2A	A	09/30/1996		(NONE)			54FCT257AT (GEN)	276
5962-9221103MEA	A	09/30/1996		(NONE)			54FCT257AT (GEN)	276
5962-9221104M2A	A	09/30/1996		(NONE)	01/31/2006		54FCT257AT (GEN)	276
5962-9221104MEA	A	09/30/1996		(NONE)	01/31/2006		54FCT257AT (GEN)	276
5962-9221104MFA	A	09/30/1996		(NONE)	04/29/2002		54FCT257AT (GEN)	276
5962-9221105M2A	A	09/30/1996		(NONE)			54FCT257CT (GEN)	276
5962-9221105MEA	A	09/30/1996		(NONE)			54FCT257CT (GEN)	276
5962-9221106M2A	A	09/30/1996		(NONE)	01/31/2006		54FCT257CT (GEN)	276
5962-9221106MEA	A	09/30/1996		(NONE)	01/31/2006		54FCT257CT (GEN)	276
5962-9221106MFA	A	09/30/1996		(NONE)	04/29/2002		54FCT257CT (GEN)	276
5962-9221201M2A	A	09/30/1996		(NONE)			54FCT399T (GEN)	249
5962-9221201MEA	A	09/30/1996		(NONE)			54FCT399T (GEN)	249
5962-9221202M2A	A	09/30/1996		(NONE)	09/01/1996		54FCT399T (GEN)	249
5962-9221202MEA	A	09/30/1996		(NONE)	09/01/1996		54FCT399T (GEN)	249
5962-9221202MFA	A	09/30/1996		(NONE)	09/01/1996		54FCT399T (GEN)	249
5962-9221203M2A	A	09/30/1996		(NONE)			54FCT399AT (GEN)	249
5962-9221203MEA	A	09/30/1996		(NONE)			54FCT399AT (GEN)	249
5962-9221204M2A	A	09/30/1996		(NONE)	09/01/1996		54FCT399AT (GEN)	249
5962-9221204MEA	A	09/30/1996		(NONE)	09/01/1996		54FCT399AT (GEN)	249
5962-9221204MFA	A	09/30/1996		(NONE)	09/01/1996		54FCT399AT (GEN)	249
5962-9221205M2A	A	09/30/1996		(NONE)			54FCT399CT (GEN)	249
5962-9221205MEA	A	09/30/1996		(NONE)			54FCT399CT (GEN)	249
5962-9221206M2A	A	09/30/1996		(NONE)	09/01/1996		54FCT399CT (GEN)	249
5962-9221206MEA	A	09/30/1996		(NONE)	09/01/1996		54FCT399CT (GEN)	249
5962-9221206MFA	A	09/30/1996		(NONE)	09/01/1996		54FCT399CT (GEN)	249
5962-9221301M2A	E	04/26/2016	2	IDT		Y	IDT54FCT240TLB	529
5962-9221301M2A	E	04/26/2016	1	PYRAMID		Y	P54FCT240TLMB	529
5962-9221301MRA	E	04/26/2016	2	IDT		Y	IDT54FCT240TDB	529
5962-9221301MRA	E	04/26/2016	1	PYRAMID		Y	P54FCT240TCMB	529
5962-9221301MRA	E	04/26/2016	2	TI		Y	CY54FCT240TDMB	529
5962-9221301MSA	E	04/26/2016	1	PYRAMID		Y	P54FCT240TFSMB	529
5962-9221302M2A	E	04/26/2016	1	PYRAMID		Y	P54FCT240TLMB	529
5962-9221302MRA	E	04/26/2016	1	PYRAMID		Y	P54FCT240TCMB	529
5962-9221302MSA	E	04/26/2016	1	PYRAMID		Y	P54FCT240TFSMB	529
5962-9221303M2A	E	04/26/2016	2	IDT		Y	IDT54FCT240ATLB	529
5962-9221303M2A	E	04/26/2016	1	PYRAMID		Y	P54FCT240ATLMB	529
5962-9221303M2A	E	04/26/2016	2	TI		Y	CY54FCT240ATLMB	529
5962-9221303MRA	E	04/26/2016	2	IDT		Y	IDT54FCT240ATDB	529
5962-9221303MRA	E	04/26/2016	1	PYRAMID		Y	P54FCT240ATCMB	529
5962-9221303MRA	E	04/26/2016	2	TI		Y	CY54FCT240ATDMB	529
5962-9221303MSA	E	04/26/2016	1	PYRAMID		Y	P54FCT240ATFSMB	529
5962-9221304M2A	E	04/26/2016	1	PYRAMID		Y	P54FCT240ATLMB	529
5962-9221304MRA	E	04/26/2016	1	PYRAMID		Y	P54FCT240ATCMB	529
5962-9221304MSA	E	04/26/2016	1	PYRAMID		Y	P54FCT240ATFSMB	529

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5962-9221305M2A	E	04/26/2016	2	IDT		Y	IDT54FCT240CTLB	529
5962-9221305M2A	E	04/26/2016	1	PYRAMID		Y	P54FCT240CTLMB	529
5962-9221305MRA	E	04/26/2016	2	IDT		Y	IDT54FCT240CTDB	529
5962-9221305MRA	E	04/26/2016	1	PYRAMID		Y	P54FCT240CTCMB	529
5962-9221305MRA	E	04/26/2016	2	TI		Y	CY54FCT240CTDMB	529
5962-9221305MSA	E	04/26/2016	1	PYRAMID		Y	P54FCT240CTFSMB	529
5962-9221306M2A	E	04/26/2016	1	PYRAMID		Y	P54FCT240CTLMB	529
5962-9221306MRA	E	04/26/2016	1	PYRAMID		Y	P54FCT240CTCMB	529
5962-9221306MSA	E	04/26/2016	1	PYRAMID		Y	P54FCT240CTFSMB	529
5962-9221401M2A	E	05/26/2016	2	IDT		Y	IDT54FCT245TLB	590
5962-9221401M2A	E	05/26/2016	1	PYRAMID		Y	P54FCT245TLMB01	590
5962-9221401M2A	E	05/26/2016	2	TI		Y	CY54FCT245TLMB	590
5962-9221401MRA	E	05/26/2016	2	IDT		Y	IDT54FCT245TDB	590
5962-9221401MRA	E	05/26/2016	1	PYRAMID		Y	P54FCT245TCMB01	590
5962-9221401MRA	E	05/26/2016	2	TI		Y	CY54FCT245TDMB	590
5962-9221401MSA	E	05/26/2016	1	PYRAMID		Y	P54FCT245TFSMB01	590
5962-9221402M2A	E	05/26/2016	1	PYRAMID		Y	P54FCT245TLMB02	590
5962-9221402MRA	E	05/26/2016	1	PYRAMID		Y	P54FCT245TCMB02	590
5962-9221402MSA	E	05/26/2016	1	PYRAMID		Y	P54FCT245TFSMB02	590
5962-9221403M2A	E	05/26/2016	2	IDT		Y	IDT54FCT245ATLB	590
5962-9221403M2A	E	05/26/2016	1	PYRAMID		Y	P54FCT245ATLMB03	590
5962-9221403M2A	E	05/26/2016	2	TI		Y	CY54FCT245ATLMB	590
5962-9221403MRA	E	05/26/2016	2	IDT		Y	IDT54FCT245ATDB	590
5962-9221403MRA	E	05/26/2016	1	PYRAMID		Y	P54FCT245ATCMB03	590
5962-9221403MRA	E	05/26/2016	2	TI		Y	CY54FCT245ATDMB	590
5962-9221403MSA	E	05/26/2016	1	PYRAMID		Y	P54FCT245ATFSMB03	590
5962-9221404M2A	E	05/26/2016	1	PYRAMID		Y	P54FCT245ATLMB04	590
5962-9221404MRA	E	05/26/2016	1	PYRAMID		Y	P54FCT245ATCMB04	590
5962-9221404MSA	E	05/26/2016	1	PYRAMID		Y	P54FCT245ATFSMB04	590
5962-9221405M2A	E	05/26/2016	2	IDT		Y	IDT54FCT245CTLB	590
5962-9221405M2A	E	05/26/2016	1	PYRAMID		Y	P54FCT245CTLMB05	590
5962-9221405M2A	E	05/26/2016	2	TI		Y	CY54FCT245CTLMB	590
5962-9221405MRA	E	05/26/2016	2	IDT		Y	IDT54FCT245CTDB	590
5962-9221405MRA	E	05/26/2016	1	PYRAMID		Y	P54FCT245CTCMB05	590
5962-9221405MRA	E	05/26/2016	2	TI		Y	CY54FCT245CTDMB	590
5962-9221405MSA	E	05/26/2016	1	PYRAMID		Y	P54FCT245CTFSMB05	590
5962-9221406M2A	E	05/26/2016	1	PYRAMID		Y	P54FCT245CTLMB06	590
5962-9221406MRA	E	05/26/2016	1	PYRAMID		Y	P54FCT245CTCMB06	590
5962-9221406MSA	E	05/26/2016	1	PYRAMID		Y	P54FCT245CTFSMB06	590
5962-9221501M2A	F	04/26/2016	1	E2V		Y	IDT54FCT273TLB	159
5962-9221501M2A	F	04/26/2016	1	PYRAMID		Y	P54FCT273TLMB	159
5962-9221501MRA	F	04/26/2016	1	E2V		Y	IDT54FCT273TDB	159
5962-9221501MRA	F	04/26/2016	1	PYRAMID		Y	P54FCT273TCMB	159
5962-9221501MSA	F	04/26/2016	1	E2V		Y	IDT54FCT273TEB	159
5962-9221501MSA	F	04/26/2016	1	PYRAMID		Y	P54FCT273TFSMB	159
5962-9221502M2A	F	04/26/2016	1	PYRAMID		Y	P54FCT273TLMB	159
5962-9221502MRA	F	04/26/2016	1	PYRAMID		Y	P54FCT273TCMB	159
5962-9221502MSA	F	04/26/2016	1	PYRAMID		Y	P54FCT273TFSMB	159
5962-9221503M2A	F	04/26/2016	1	E2V		Y	IDT54FCT273ATLB	159

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5962-9221503M2A	F	04/26/2016	1	PYRAMID		Y P54FCT273ATLMB		159
5962-9221503M2A	F	04/26/2016	2	TI		Y CY54FCT273ATLMB		159
5962-9221503MRA	F	04/26/2016	1	E2V		Y IDT54FCT273ATDB		159
5962-9221503MRA	F	04/26/2016	1	PYRAMID		Y P54FCT273ATCMB		159
5962-9221503MRA	F	04/26/2016	2	TI		Y CY54FCT273ATDMB		159
5962-9221503MSA	F	04/26/2016	1	E2V		Y IDT54FCT273ATEB		159
5962-9221503MSA	F	04/26/2016	1	PYRAMID		Y P54FCT273ATFSMB		159
5962-9221504M2A	F	04/26/2016	1	PYRAMID		Y P54FCT273ATLMB		159
5962-9221504MRA	F	04/26/2016	1	PYRAMID		Y P54FCT273ATCMB		159
5962-9221504MSA	F	04/26/2016	1	PYRAMID		Y P54FCT273ATFSMB		159
5962-9221505M2A	F	04/26/2016	1	E2V		Y IDT54FCT273CTLB		159
5962-9221505M2A	F	04/26/2016	1	PYRAMID		Y P54FCT273CTLMB		159
5962-9221505MRA	F	04/26/2016	1	E2V		Y IDT54FCT273CTDB		159
5962-9221505MRA	F	04/26/2016	1	PYRAMID		Y P54FCT273CTCMB		159
5962-9221505MSA	F	04/26/2016	1	E2V		Y IDT54FCT273CTEB		159
5962-9221505MSA	F	04/26/2016	1	PYRAMID		Y P54FCT273CTFSMB		159
5962-9221506M2A	F	04/26/2016	1	PYRAMID		Y P54FCT273CTLMB		159
5962-9221506MRA	F	04/26/2016	1	PYRAMID		Y P54FCT273CTCMB		159
5962-9221506MSA	F	04/26/2016	1	PYRAMID		Y P54FCT273CTFSMB		159
5962-9221601M2A	D	06/23/2016		(NONE)		54FCT299T (GEN)		228
5962-9221601MRA	D	06/23/2016		(NONE)		54FCT299T (GEN)		228
5962-9221602M2A	D	06/23/2016	1	E2V		Y IDT54FCT299TLB		228
5962-9221602MRA	D	06/23/2016	1	E2V		Y IDT54FCT299TDB		228
5962-9221602MSA	D	06/23/2016	1	E2V		Y IDT54FCT299TEB		228
5962-9221603M2A	D	06/23/2016		(NONE)		54FCT299AT (GEN)		228
5962-9221603MRA	D	06/23/2016		(NONE)		54FCT299AT (GEN)		228
5962-9221604M2A	D	06/23/2016	1	E2V		Y IDT54FCT299ATLB		228
5962-9221604MRA	D	06/23/2016	1	E2V		Y IDT54FCT299ATDB		228
5962-9221604MSA	D	06/23/2016	1	E2V		Y IDT54FCT299ATEB		228
5962-9221605M2A	D	06/23/2016		(NONE)		54FCT299CT (GEN)		228
5962-9221605MRA	D	06/23/2016		(NONE)		54FCT299CT (GEN)		228
5962-9221606M2A	D	06/23/2016	1	E2V		Y IDT54FCT299CTLB		228
5962-9221606MRA	D	06/23/2016	1	E2V		Y IDT54FCT299CTDB		228
5962-9221606MSA	D	06/23/2016	1	E2V		Y IDT54FCT299CTEB		228
5962-9221701M2A	E	11/28/2016	2	IDT		Y IDT54FCT373TLB		341
5962-9221701M2A	E	11/28/2016	1	PYRAMID		Y P54FCT373TLMB		341
5962-9221701MRA	E	11/28/2016	2	IDT		Y IDT54FCT373TDB		341
5962-9221701MRA	E	11/28/2016	1	PYRAMID		Y P54FCT373TCMB		341
5962-9221701MRA	E	11/28/2016	2	TI		Y CY54FCT373TDMB		341
5962-9221701MSA	E	11/28/2016	1	PYRAMID		Y P54FCT373TFSMB		341
5962-9221702M2A	E	11/28/2016	2	IDT		Y IDT54FCT373ATLB		341
5962-9221702M2A	E	11/28/2016	1	PYRAMID		Y P54FCT373ATLMB		341
5962-9221702MRA	E	11/28/2016	2	IDT		Y IDT54FCT373ATDB		341
5962-9221702MRA	E	11/28/2016	1	PYRAMID		Y P54FCT373ATCMB		341
5962-9221702MRA	E	11/28/2016	2	TI		Y CY54FCT373ATDMB		341
5962-9221702MSA	E	11/28/2016	1	PYRAMID		P54FCT373ATFSMB		341
5962-9221703M2A	E	11/28/2016	2	IDT		Y IDT54FCT373CTLB		341
5962-9221703M2A	E	11/28/2016	1	PYRAMID		Y P54FCT373CTLMB		341
5962-9221703M2A	E	11/28/2016	2	TI		Y CY54FCT373CTLMB		341

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9221703MRA	E	11/28/2016	2	IDT		Y	IDT54FCT373CTDB	341
5962-9221703MRA	E	11/28/2016	1	PYRAMID		Y	P54FCT373CTCMB	341
5962-9221703MSA	E	11/28/2016	1	PYRAMID		Y	P54FCT373CTFSMB	341
5962-9221704M2A	E	11/28/2016	1	PYRAMID		Y	P54FCT373TLMB04	341
5962-9221704MRA	E	11/28/2016	1	PYRAMID		Y	P54FCT373TCMB04	341
5962-9221704MSA	E	11/28/2016	1	PYRAMID		Y	P54FCT373TFSMB04	341
5962-9221705M2A	E	11/28/2016	1	PYRAMID		Y	P54FCT373ATLMB05	341
5962-9221705MRA	E	11/28/2016	1	PYRAMID		Y	P54FCT373ATCMB05	341
5962-9221705MSA	E	11/28/2016	1	PYRAMID		Y	P54FCT373ATFSMB05	341
5962-9221706M2A	E	11/28/2016	1	PYRAMID		Y	P54FCT373CTLMB06	341
5962-9221706MRA	E	11/28/2016	1	PYRAMID		Y	P54FCT373CTCMB06	341
5962-9221706MSA	E	11/28/2016	1	PYRAMID		Y	P54FCT373CTFSMB06	341
5962-9221801M2A	D	12/07/2016	1	PYRAMID		Y	P54FCT374TLMB	159
5962-9221801MRA	D	12/07/2016	1	PYRAMID		Y	P54FCT374TCMB	159
5962-9221801MSA	D	12/07/2016	1	PYRAMID		Y	P54FCT374TFSMB	159
5962-9221802M2A	D	12/07/2016	2	IDT		Y	IDT54FCT374TLB	159
5962-9221802M2A	D	12/07/2016	1	PYRAMID		Y	P54FCT374TLMB02	159
5962-9221802M2A	D	12/07/2016	2	TI		Y	CY54FCT374TLMB	159
5962-9221802MRA	D	12/07/2016	2	IDT		Y	IDT54FCT374TDB	159
5962-9221802MRA	D	12/07/2016	1	PYRAMID		Y	P54FCT374TCMB02	159
5962-9221802MRA	D	12/07/2016	2	TI		Y	CY54FCT374TDMB	159
5962-9221802MSA	D	12/07/2016	1	PYRAMID		Y	P54FCT374TFSMB02	159
5962-9221803M2A	D	12/07/2016	1	PYRAMID		Y	P54FCT374ATLMB	159
5962-9221803MRA	D	12/07/2016	1	PYRAMID		Y	P54FCT374ATCMB	159
5962-9221803MSA	D	12/07/2016	1	PYRAMID		Y	P54FCT374ATFSMB	159
5962-9221804M2A	D	12/07/2016	2	IDT		Y	IDT54FCT374ATLB	159
5962-9221804M2A	D	12/07/2016	1	PYRAMID		Y	P54FCT374ATLMB04	159
5962-9221804M2A	D	12/07/2016	2	TI		Y	CY54FCT374ATLMB	159
5962-9221804MRA	D	12/07/2016	2	IDT		Y	IDT54FCT374ATDB	159
5962-9221804MRA	D	12/07/2016	1	PYRAMID		Y	P54FCT374ATCMB04	159
5962-9221804MRA	D	12/07/2016	2	TI		Y	CY54FCT374ATDMB	159
5962-9221804MSA	D	12/07/2016	1	PYRAMID		Y	P54FCT374ATFSMB04	159
5962-9221805M2A	D	12/07/2016	1	PYRAMID		Y	P54FCT374CTLMB	159
5962-9221805MRA	D	12/07/2016	1	PYRAMID		Y	P54FCT374CTCMB	159
5962-9221805MSA	D	12/07/2016	1	PYRAMID		Y	P54FCT374CTFSMB	159
5962-9221806M2A	D	12/07/2016	2	IDT		Y	IDT54FCT374CTLB	159
5962-9221806M2A	D	12/07/2016	1	PYRAMID		Y	P54FCT374CTLMB06	159
5962-9221806M2A	D	12/07/2016	2	TI		Y	CY54FCT374CTLMB	159
5962-9221806MRA	D	12/07/2016	2	IDT		Y	IDT54FCT374CTDB	159
5962-9221806MRA	D	12/07/2016	1	PYRAMID		Y	P54FCT374CTCMB06	159
5962-9221806MSA	D	12/07/2016	1	PYRAMID		Y	P54FCT374CTFSMB06	159
5962-9221901M2A	D	11/28/2016	1	PYRAMID		Y	P54FCT377TLMB	159
5962-9221901MRA	D	11/28/2016	1	PYRAMID		Y	P54FCT377TCMB	159
5962-9221901MSA	D	11/28/2016	1	PYRAMID		Y	P54FCT377TFSMB	159
5962-9221902M2A	D	11/28/2016	1	PYRAMID		Y	P54FCT377ATLMB	159
5962-9221902M2A	D	11/28/2016	2	TI		Y	CY54FCT377ATLMB	159
5962-9221902MRA	D	11/28/2016	1	PYRAMID		Y	5P4FCT377ATCMB	159
5962-9221902MSA	D	11/28/2016	1	PYRAMID		Y	P54FCT377ATFSMB	159
5962-9221903M2A	D	11/28/2016	1	PYRAMID		Y	P54FCT377CTLMB	159



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5962-9221903M2A	D	11/28/2016	2	TI		Y CY54FCT377CTLMB		159
5962-9221903MRA	D	11/28/2016	1	PYRAMID		Y P54FCT377CTCMB		159
5962-9221903MSA	D	11/28/2016	1	PYRAMID		Y P54FCT377CTFSMB		159
5962-9221904M2A	D	11/28/2016	1	PYRAMID		Y P54FCT377TLMB01		159
5962-9221904MRA	D	11/28/2016	1	PYRAMID		Y P54FCT377TCMB01		159
5962-9221905M2A	D	11/28/2016	1	PYRAMID		Y P54FCT377ATLMB01		159
5962-9221905MRA	D	11/28/2016	1	PYRAMID		Y P54FCT377ATCMB01		159
5962-9221906M2A	D	11/28/2016	1	PYRAMID		Y P54FCT377CTLMB01		159
5962-9221906MRA	D	11/28/2016	1	PYRAMID		Y P54FCT377CTCMB01		159
5962-9222001M2A	F	08/29/2017	1B	PYRAMID		Y P54FCT540TLMB		529
5962-9222001MRA	F	08/29/2017	1B	PYRAMID		Y P54FCT540TCMB		529
5962-9222001MSA	F	08/29/2017	1B	PYRAMID		Y P54FCT540TFSMB		529
5962-9222002M2A	F	08/29/2017	1B	PYRAMID		Y P54FCT540TLMB02		529
5962-9222002MRA	F	08/29/2017	1B	PYRAMID		Y P54FCT540TCMB02		529
5962-9222002MSA	F	08/29/2017	1B	PYRAMID		Y P54FCT540TFSMB		529
5962-9222003M2A	F	08/29/2017	1B	PYRAMID		Y P54FCT540ATLMB		529
5962-9222003MRA	F	08/29/2017	1B	PYRAMID		Y P54FCT540ATCMB		529
5962-9222003MSA	F	08/29/2017	1B	PYRAMID		Y P54FCT540ATFSMB		529
5962-9222004M2A	F	08/29/2017	1B	PYRAMID		Y P54FCT540ATLMB04		529
5962-9222004MRA	F	08/29/2017	1B	PYRAMID		Y P54FCT540ATCMB04		529
5962-9222004MSA	F	08/29/2017	1B	PYRAMID		Y P54FCT540ATFSMB04		529
5962-9222005M2A	F	08/29/2017	1B	PYRAMID		Y P54FCT540CTLMB		529
5962-9222005MRA	F	08/29/2017	1B	PYRAMID		Y P54FCT540CTCMB		529
5962-9222005MSA	F	08/29/2017	1B	PYRAMID		Y P54FCT540CTFSMB		529
5962-9222006M2A	F	08/29/2017	1B	PYRAMID		Y P54FCT540CTLMB06		529
5962-9222006MRA	F	08/29/2017	1B	PYRAMID		Y P54FCT540CTCMB06		529
5962-9222006MRA	F	08/29/2017	2	TI		Y CY54FCT540CTDMB		529
5962-9222006MSA	F	08/29/2017	1B	PYRAMID		Y P54FCT540CTFSMB06		529
5962-9222101M3A	F	12/21/2016	1	PYRAMID		Y P54FCT543TLMB		590
5962-9222101M3A	F	12/21/2016	2	TI		Y CY54FCT543TLMB		590
5962-9222101MKA	F	12/21/2016	1	PYRAMID		Y P54FCT543TCMB		590
5962-9222101MLA	F	12/21/2016	1	PYRAMID		Y P54FCT543TFSMB		590
5962-9222101MLA	F	12/21/2016	2	TI		Y CY54FCT543TDMB		590
5962-9222102M3A	F	12/21/2016	1	PYRAMID		Y P54FCT543ATLMB		590
5962-9222102MKA	F	12/21/2016	1	PYRAMID		Y P54FCT543ATCMB		590
5962-9222102MLA	F	12/21/2016	1	PYRAMID		Y P54FCT543ATFSMB		590
5962-9222103M3A	F	12/21/2016	1	PYRAMID		Y P54FCT543CTLMB		590
5962-9222103MKA	F	12/21/2016	1	PYRAMID		Y P54FCT543CTCMB		590
5962-9222103MLA	F	12/21/2016	1	PYRAMID		Y P54FCT543CTFSMB		590
5962-9222104M3A	F	12/21/2016	1	PYRAMID		Y P54FCT543TLMB04		590
5962-9222104MLA	F	12/21/2016	1	PYRAMID		Y P54FCT543TFSMB04		590
5962-9222105M3A	F	12/21/2016	1	PYRAMID		Y P54FCT543ATLMB05		590
5962-9222105MLA	F	12/21/2016	1	PYRAMID		Y P54FCT543ATFSMB05		590
5962-9222106M3A	F	12/21/2016	1	PYRAMID		Y P54FCT543CTLMB06		590
5962-9222106MLA	F	12/21/2016	1	PYRAMID		Y P54FCT543CTFSMB06		590
5962-9222201M2A	E	12/21/2016	2	IDT		Y IDT54FCT574TLB		159
5962-9222201M2A	E	12/21/2016	1	PYRAMID		Y P54FCT574TLMB		159
5962-9222201MRA	E	12/21/2016	2	IDT		Y IDT54FCT574TDB		159
5962-9222201MRA	E	12/21/2016	1	PYRAMID		Y P54FCT574TCMB		159

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5962-9222201MSA	E	12/21/2016	1	PYRAMID		Y P54FCT574TFSMB		159
5962-9222202M2A	E	12/21/2016	1	PYRAMID		Y P54FCT574TLMB		159
5962-9222202MRA	E	12/21/2016	1	PYRAMID		Y P54FCT574TCMB		159
5962-9222203M2A	E	12/21/2016	2	IDT		Y IDT54FCT574ATLB		159
5962-9222203M2A	E	12/21/2016	1	PYRAMID		Y P54FCT574ATLMB03		159
5962-9222203M2A	E	12/21/2016	2	TI		Y CY54FCT574ATLMB		159
5962-9222203MRA	E	12/21/2016	2	IDT		Y IDT54FCT574ATDB		159
5962-9222203MRA	E	12/21/2016	1	PYRAMID		Y P54FCT574ATCMB03		159
5962-9222203MRA	E	12/21/2016	2	TI		Y CY54FCT574ATDMB		159
5962-9222203MSA	E	12/21/2016	1	PYRAMID		Y P54FCT574ATFSMB		159
5962-9222204M2A	E	12/21/2016	1	PYRAMID		Y P54FCT574ATLMB04		159
5962-9222204MRA	E	12/21/2016	1	PYRAMID		Y P54FCT574ATCMB04		159
5962-9222205M2A	E	12/21/2016	2	IDT		Y IDT54FCT574CTLB		159
5962-9222205M2A	E	12/21/2016	1	PYRAMID		Y P54FCT574CTLMB		159
5962-9222205MRA	E	12/21/2016	2	IDT		Y IDT54FCT574CTDB		159
5962-9222205MRA	E	12/21/2016	1	PYRAMID		Y P54FCT574CTCMB		159
5962-9222205MRA	E	12/21/2016	2	TI		Y CY54FCT574CTDMB		159
5962-9222205MSA	E	12/21/2016	1	PYRAMID		Y P54FCT574CTFSMB		159
5962-9222206M2A	E	12/21/2016	1	PYRAMID		Y P54FCT574CTLMB06		159
5962-9222206MRA	E	12/21/2016	1	PYRAMID		Y P54FCT574CTCMB06		159
5962-9222301M3A	F	12/21/2016	2	E2V		Y IDT54FCT646TLB		590
5962-9222301M3A	F	12/21/2016	1	PYRAMID		Y P54FCT646TLMB		590
5962-9222301M3A	F	12/21/2016	2	TI		Y CY54FCT646TLMB		590
5962-9222301MKA	F	12/21/2016	2	E2V		Y IDT54FCT646TEB		590
5962-9222301MKA	F	12/21/2016	1	PYRAMID		Y P54FCT646TFSMB		590
5962-9222301MLA	F	12/21/2016	2	E2V		Y IDT54FCT646TDB		590
5962-9222301MLA	F	12/21/2016	1	PYRAMID		Y P54FCT646TCMB		590
5962-9222302M3A	F	12/21/2016	1	PYRAMID		Y P54FCT646TLMB02		590
5962-9222302MLA	F	12/21/2016	1	PYRAMID		Y P54FCT646TCMB02		590
5962-9222303M3A	F	12/21/2016	2	E2V		Y IDT54FCT646ATLB		590
5962-9222303M3A	F	12/21/2016	1	PYRAMID		Y P54FCT646ATLMB		590
5962-9222303M3A	F	12/21/2016	2	TI		Y CY54FCT646ATLMB		590
5962-9222303MKA	F	12/21/2016	2	E2V		Y IDT54FCT646ATEB		590
5962-9222303MKA	F	12/21/2016	1	PYRAMID		Y P54FCT646ATFSMB		590
5962-9222303MLA	F	12/21/2016	2	E2V		Y IDT54FCT646ATDB		590
5962-9222303MLA	F	12/21/2016	1	PYRAMID		Y P54FCT646ATCMB		590
5962-9222303MLA	F	12/21/2016	2	TI		Y CY54FCT646ATDMB		590
5962-9222304M3A	F	12/21/2016	1	PYRAMID		Y P54FCT646ATLMB04		590
5962-9222304MLA	F	12/21/2016	1	PYRAMID		Y P54FCT646ATCMB04		590
5962-9222305M3A	F	12/21/2016	2	E2V		Y IDT54FCT646CTLB		590
5962-9222305M3A	F	12/21/2016	1	PYRAMID		Y P54FCT646CTLMB		590
5962-9222305M3A	F	12/21/2016	2	TI		Y CY54FCT646CTLMB		590
5962-9222305MKA	F	12/21/2016	2	E2V		Y IDT54FCT646CTEB		590
5962-9222305MKA	F	12/21/2016	1	PYRAMID		Y P54FCT646CTFSMB		590
5962-9222305MLA	F	12/21/2016	2	E2V		Y IDT54FCT646CTDB		590
5962-9222305MLA	F	12/21/2016	1	PYRAMID		Y P54FCT646CTCMB		590
5962-9222306M3A	F	12/21/2016	1	PYRAMID		Y P54FCT646CTLMB06		590
5962-9222306MLA	F	12/21/2016	1	PYRAMID		Y P54FCT646CTCMB06		590
5962-9222501M3A	F	11/28/2016	1	E2V		Y IDT54FCT821ATLB		421

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5962-9222501M3A	F	11/28/2016	1	PYRAMID		Y P54FCT821ATLMB		421
5962-9222501MKA	F	11/28/2016	1	E2V		Y IDT54FCT821ATEB		421
5962-9222501MKA	F	11/28/2016	1	PYRAMID		Y P54FCT821ATFSMB		421
5962-9222501MLA	F	11/28/2016	1	E2V		Y IDT54FCT821ATDB		421
5962-9222501MLA	F	11/28/2016	1	PYRAMID		Y P54FCT821ATCMB		421
5962-9222502M3A	F	11/28/2016	1	PYRAMID		Y P54FCT821ATLMB01		421
5962-9222502MLA	F	11/28/2016	1	PYRAMID		Y P54FCT821ATCMB01		421
5962-9222503M3A	F	11/28/2016	1	E2V		Y IDT54FCT821BTLB		421
5962-9222503M3A	F	11/28/2016	1	PYRAMID		Y P54FCT821BTLMB		421
5962-9222503MKA	F	11/28/2016	1	E2V		Y IDT54FCT821BTEB		421
5962-9222503MKA	F	11/28/2016	1	PYRAMID		Y P54FCT821BTFSMB		421
5962-9222503MLA	F	11/28/2016	1	E2V		Y IDT54FCT821BTDB		421
5962-9222503MLA	F	11/28/2016	1	PYRAMID		Y P54FCT821BTCMB		421
5962-9222504M3A	F	11/28/2016		(NONE)		54FCT821BT (GEN)		421
5962-9222504MLA	F	11/28/2016		(NONE)		54FCT821BT (GEN)		421
5962-9222505M3A	F	11/28/2016	1	E2V		Y IDT54FCT821CTLB		421
5962-9222505M3A	F	11/28/2016	1	PYRAMID		Y P54FCT821CTLMB		421
5962-9222505MKA	F	11/28/2016	1	E2V		Y IDT54FCT821CTEB		421
5962-9222505MKA	F	11/28/2016	1	PYRAMID		Y P54FCT821CTFSMB		421
5962-9222505MLA	F	11/28/2016	1	E2V		Y IDT54FCT821CTDB		421
5962-9222505MLA	F	11/28/2016	1	PYRAMID		Y P54FCT821CTCMB		421
5962-9222506M3A	F	11/28/2016		(NONE)		54FCT821CT (GEN)		421
5962-9222506MLA	F	11/28/2016		(NONE)		54FCT821CT (GEN)		421
5962-9222801M3A		10/18/1994		(NONE)	04/27/1998	54FCT841AT (GEN)		342
5962-9222801MKA		10/18/1994		(NONE)	04/27/1998	54FCT841AT (GEN)		342
5962-9222801MLA		10/18/1994		(NONE)	04/27/1998	54FCT841AT (GEN)		342
5962-9222802M3A		10/18/1994		(NONE)	04/27/1998	54FCT841BT (GEN)		342
5962-9222802MKA		10/18/1994		(NONE)	04/27/1998	54FCT841BT (GEN)		342
5962-9222802MLA		10/18/1994		(NONE)	04/27/1998	54FCT841BT (GEN)		342
5962-9222803M3A		10/18/1994		(NONE)	04/27/1998	54FCT841CT (GEN)		342
5962-9222803MKA		10/18/1994		(NONE)	04/27/1998	54FCT841CT (GEN)		342
5962-9222803MLA		10/18/1994		(NONE)	04/27/1998	54FCT841CT (GEN)		342
5962-9222901M3A	B	09/03/1996		(NONE)	04/27/1998	54FCT823AT (GEN)		229
5962-9222901MKA	B	09/03/1996		(NONE)	04/27/1998	54FCT823AT (GEN)		229
5962-9222901MLA	B	09/03/1996		(NONE)	04/27/1998	54FCT823AT (GEN)		229
5962-9222902M3A	B	09/03/1996	1B	PYRAMID		Y P54FCT823ATLMB		229
5962-9222902MLA	B	09/03/1996	1B	PYRAMID		Y P54FCT823ATCMB		229
5962-9222903M3A	B	09/03/1996		(NONE)	04/27/1998	54FCT823BT (GEN)		229
5962-9222903MKA	B	09/03/1996		(NONE)	04/27/1998	54FCT823BT (GEN)		229
5962-9222903MLA	B	09/03/1996		(NONE)	04/27/1998	54FCT823BT (GEN)		229
5962-9222904M3A	B	09/03/1996	1B	PYRAMID		Y P54FCT823BTLMB		229
5962-9222904MLA	B	09/03/1996	1B	PYRAMID		Y P54FCT823BTCMB		229
5962-9222905M3A	B	09/03/1996		(NONE)	04/27/1998	54FCT823CT (GEN)		229
5962-9222905MKA	B	09/03/1996		(NONE)	04/27/1998	54FCT823CT (GEN)		229
5962-9222905MLA	B	09/03/1996		(NONE)	04/27/1998	54FCT823CT (GEN)		229
5962-9222906M3A	B	09/03/1996	1B	PYRAMID		Y P54FCT823CTLMB		229
5962-9222906MLA	B	09/03/1996	1B	PYRAMID		Y P54FCT823CTCMB		229
5962-9223001M3A	A	09/06/1996		(NONE)	05/31/1998	54FCT825AT (GEN)		421
5962-9223001MKA	A	09/06/1996		(NONE)	04/27/1998	54FCT825AT (GEN)		421

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5962-9223001MLA	A	09/06/1996		(NONE)	05/31/1998		54FCT825AT (GEN)	421
5962-9223002M3A	A	09/06/1996		(NONE)			54FCT825AT (GEN)	421
5962-9223002MLA	A	09/06/1996		(NONE)			54FCT825AT (GEN)	421
5962-9223003M3A	A	09/06/1996		(NONE)	05/31/1998		54FCT825BT (GEN)	421
5962-9223003MKA	A	09/06/1996		(NONE)	04/27/1998		54FCT825BT (GEN)	421
5962-9223003MLA	A	09/06/1996		(NONE)	05/31/1998		54FCT825BT (GEN)	421
5962-9223004M3A	A	09/06/1996		(NONE)			54FCT825BT (GEN)	421
5962-9223004MLA	A	09/06/1996		(NONE)			54FCT825BT (GEN)	421
5962-9223005M3A	A	09/06/1996		(NONE)	05/31/1998		54FCT825CT (GEN)	421
5962-9223005MKA	A	09/06/1996		(NONE)	04/27/1998		54FCT825CT (GEN)	421
5962-9223005MLA	A	09/06/1996		(NONE)	05/31/1998		54FCT825CT (GEN)	421
5962-9223006M3A	A	09/06/1996		(NONE)			54FCT825CT (GEN)	421
5962-9223006MLA	A	09/06/1996		(NONE)			54FCT825CT (GEN)	421
5962-9223201M2A		08/27/1993	1B	PYRAMID		Y	P54FCT241TLMB	529
5962-9223201MRA		08/27/1993	1B	PYRAMID		Y	P54FCT241TCMB	529
5962-9223201MSA		08/27/1993	1B	PYRAMID		Y	P54FCT241TFSMB	529
5962-9223202M2A		08/27/1993	1B	PYRAMID		Y	P54FCT241TLMB02	529
5962-9223202MRA		08/27/1993	1B	PYRAMID		Y	P54FCT241TCMB02	529
5962-9223202MSA		08/27/1993	1B	PYRAMID		Y	P54FCT241TFSMB02	529
5962-9223203M2A		08/27/1993	1B	PYRAMID		Y	P54FCT241ATLMB	529
5962-9223203MRA		08/27/1993	1B	PYRAMID		Y	P54FCT241ATCMB	529
5962-9223203MSA		08/27/1993	1B	PYRAMID		Y	P54FCT241ATFSMB	529
5962-9223204M2A		08/27/1993	1B	PYRAMID		Y	P54FCT241ATLMB04	529
5962-9223204MRA		08/27/1993	1B	PYRAMID		Y	P54FCT241ATCMB04	529
5962-9223204MSA		08/27/1993	1B	PYRAMID		Y	P54FCT241ATFSMB04	529
5962-9223205M2A		08/27/1993	1B	PYRAMID		Y	P54FCT241CTLMB	529
5962-9223205MRA		08/27/1993	1B	PYRAMID		Y	P54FCT241CTCMB	529
5962-9223205MSA		08/27/1993	1B	PYRAMID		Y	P54FCT241CTFSMB	529
5962-9223206M2A		08/27/1993	1B	PYRAMID		Y	P54FCT241CTLMB06	529
5962-9223206MRA		08/27/1993	1B	PYRAMID		Y	P54FCT241CTCMB06	529
5962-9223206MSA		08/27/1993	1B	PYRAMID		Y	P54FCT241CTFSMB06	529
5962-9223301M2A	C	12/08/2016	1	PYRAMID		Y	P54FCT138TLMB	282
5962-9223301MEA	C	12/08/2016	1	PYRAMID		Y	P54FCT138TCMB	282
5962-9223302M2A	C	12/08/2016	1	E2V		Y	IDT54FCT138TLB	282
5962-9223302M2A	C	12/08/2016	1	PYRAMID		Y	P54FCT138TLMB02	282
5962-9223302M2A	C	12/08/2016	2	TI		Y	CY54FCT138TLMB	282
5962-9223302MEA	C	12/08/2016	1	E2V		Y	IDT54FCT138TDB	282
5962-9223302MEA	C	12/08/2016	1	PYRAMID		Y	P54FCT138TCMB02	282
5962-9223302MEA	C	12/08/2016	2	TI		Y	CY54FCT138TDMB	282
5962-9223302MFA	C	12/08/2016	1	E2V		Y	IDT54FCT138TEB	282
5962-9223302MFA	C	12/08/2016	1	PYRAMID		Y	P54FCT138TFSMB	282
5962-9223303M2A	C	12/08/2016	1	PYRAMID		Y	P54FCT138ATLMB	282
5962-9223303MEA	C	12/08/2016	1	PYRAMID		Y	P54FCT138ATCMB	282
5962-9223304M2A	C	12/08/2016		E2V		Y	IDT54FCT138ATLB	282
5962-9223304M2A	C	12/08/2016	1	PYRAMID		Y	P54FCT138ATLMB04	282
5962-9223304MEA	C	12/08/2016		E2V		Y	IDT54FCT138ATDB	282
5962-9223304MEA	C	12/08/2016	1	PYRAMID		Y	P54FCT138ATCMB04	282
5962-9223304MFA	C	12/08/2016		E2V		Y	IDT54FCT138ATEB	282
5962-9223304MFA	C	12/08/2016	1	PYRAMID		Y	P54FCT138ATFSMB	282

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5962-9223305M2A	C	12/08/2016	1	PYRAMID		Y P54FCT138CTLMB05		282
5962-9223305MEA	C	12/08/2016	1	PYRAMID		Y P54FCT138CTCMB05		282
5962-9223306M2A	C	12/08/2016	1	E2V		Y IDT54FCT138CTLB		282
5962-9223306M2A	C	12/08/2016	1	PYRAMID		Y P54FCT138CTLMB06		282
5962-9223306M2A	C	12/08/2016	2	TI		Y CY54FCT138CTLMB		282
5962-9223306MEA	C	12/08/2016	1	E2V		Y IDT54FCT138CTDB		282
5962-9223306MEA	C	12/08/2016	1	PYRAMID		Y P54FCT138CTCMB06		282
5962-9223306MEA	C	12/08/2016	2	TI		Y CY54FCT138CTDMB		282
5962-9223306MFA	C	12/08/2016	1	E2V		Y IDT54FCT138CTEB		282
5962-9223306MFA	C	12/08/2016	1	PYRAMID		Y P54FCT138CTFSMB06		282
5962-9223401M2A	B	01/09/2018	1B	PYRAMID		Y P54FCT521TLMB		209
5962-9223401MRA	B	01/09/2018	1B	PYRAMID		Y P54FCT521TCMB		209
5962-9223401MSA	B	01/09/2018	1B	PYRAMID		Y P54FCT521TFSMB		209
5962-9223402M2A	B	01/09/2018	1B	PYRAMID		Y P54FCT521TLMB02		209
5962-9223402MRA	B	01/09/2018	1B	PYRAMID		Y P54FCT521TCMB02		209
5962-9223402MSA	B	01/09/2018	1B	PYRAMID		Y P54FCT521TFSMB02		209
5962-9223403M2A	B	01/09/2018	1B	PYRAMID		Y P54FCT521ATLMB03		209
5962-9223403MRA	B	01/09/2018	1B	PYRAMID		Y P54FCT521ATCMB03		209
5962-9223403MSA	B	01/09/2018	1B	PYRAMID		Y P54FCT521ATFSMB03		209
5962-9223404M2A	B	01/09/2018	1B	PYRAMID		Y P54FCT521ATLMB04		209
5962-9223404MRA	B	01/09/2018	1B	PYRAMID		Y P54FCT521ATCMB04		209
5962-9223404MSA	B	01/09/2018	1B	PYRAMID		Y P54FCT521ATFSMB04		209
5962-9223405M2A	B	01/09/2018	1B	PYRAMID		Y P54FCT521BTLMB05		209
5962-9223405MRA	B	01/09/2018	1B	PYRAMID		Y P54FCT521BTCMB05		209
5962-9223405MSA	B	01/09/2018	1B	PYRAMID		Y P54FCT521BTFSMB05		209
5962-9223406M2A	B	01/09/2018	1B	PYRAMID		Y P54FCT521BTLMB06		209
5962-9223406MRA	B	01/09/2018	1B	PYRAMID		Y P54FCT521BTCMB06		209
5962-9223406MSA	B	01/09/2018	1B	PYRAMID		Y P54FCT521BTFSMB06		209
5962-9223407M2A	B	01/09/2018	1B	PYRAMID		Y P54FCT521CTLMB07		209
5962-9223407MRA	B	01/09/2018	1B	PYRAMID		Y P54FCT521CTCMB07		209
5962-9223407MSA	B	01/09/2018	1B	PYRAMID		Y P54FCT521CTFSMB07		209
5962-9223408M2A	B	01/09/2018	1B	PYRAMID		Y P54FCT521CTLMB08		209
5962-9223408MRA	B	01/09/2018	1B	PYRAMID		Y P54FCT521CTCMB08		209
5962-9223408MSA	B	01/09/2018	1B	PYRAMID		Y P54FCT521CTFSMB08		209
5962-9223601M2A	C	10/12/2018	1B	PYRAMID		Y P54FCT534TLMB01		249
5962-9223601MRA	C	10/12/2018	1B	PYRAMID		Y P54FCT534TCMB01		249
5962-9223601MSA	C	10/12/2018	1B	PYRAMID		Y P54FCT534TFSMB01		249
5962-9223602M2A	C	10/12/2018	1B	PYRAMID		Y P54FCT534ATLMB02		249
5962-9223602MRA	C	10/12/2018	1B	PYRAMID		Y P54FCT534ATCMB02		249
5962-9223602MSA	C	10/12/2018	1B	PYRAMID		Y P54FCT534ATFSMB02		249
5962-9223603M2A	C	10/12/2018		(NONE)	04/27/1998	54FCT534CT (GEN)		249
5962-9223603MRA	C	10/12/2018		(NONE)	04/27/1998	54FCT534CT (GEN)		249
5962-9223603MSA	C	10/12/2018		(NONE)	04/27/1998	54FCT534CT (GEN)		249
5962-9223604M2A	C	10/12/2018	1B	PYRAMID		Y P54FCT534TLMB04		249
5962-9223604MRA	C	10/12/2018	1B	PYRAMID		Y P54FCT534TCMB04		249
5962-9223604MSA	C	10/12/2018	1B	PYRAMID		Y P54FCT534TFSMB04		249
5962-9223605M2A	C	10/12/2018	1B	PYRAMID		Y P54FCT534ATLMB05		249
5962-9223605MRA	C	10/12/2018	1B	PYRAMID		Y P54FCT534ATCMB05		249
5962-9223605MSA	C	10/12/2018	1B	PYRAMID		Y P54FCT534ATFSMB05		249

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5962-9223606M2A	C	10/12/2018		(NONE)			54FCT534CT (GEN)	249
5962-9223606MRA	C	10/12/2018		(NONE)			54FCT534CT (GEN)	249
5962-9223701M2A	E	08/29/2017	1	E2V		Y	IDT54FCT541TLB	529
5962-9223701M2A	E	08/29/2017	1B	PYRAMID		Y	P54FCT541TLMB	529
5962-9223701M2A	E	08/29/2017	2	TI		Y	CY54FCT541TLMB	529
5962-9223701MRA	E	08/29/2017	1	E2V		Y	IDT54FCT541TDB	529
5962-9223701MRA	E	08/29/2017	1B	PYRAMID		Y	P54FCT541TCMB	529
5962-9223701MRA	E	08/29/2017	2	TI		Y	CY54FCT541TDMB	529
5962-9223701MSA	E	08/29/2017	1	E2V		Y	IDT54FCT541TEB	529
5962-9223701MSA	E	08/29/2017	1B	PYRAMID		Y	P54FCT541TFSMB	529
5962-9223702M2A	E	08/29/2017	1B	PYRAMID		Y	P54FCT541TLMB02	529
5962-9223702MRA	E	08/29/2017	1B	PYRAMID		Y	P54FCT541TCMB02	529
5962-9223702MSA	E	08/29/2017	1B	PYRAMID		Y	P54FCT541TFSMB02	529
5962-9223703M2A	E	08/29/2017	1	E2V		Y	IDT54FCT541ATLB	529
5962-9223703M2A	E	08/29/2017	1B	PYRAMID		Y	P54FCT541ATLMB	529
5962-9223703MRA	E	08/29/2017	1	E2V		Y	IDT54FCT541ATDB	529
5962-9223703MRA	E	08/29/2017	1B	PYRAMID		Y	P54FCT541ATCMB	529
5962-9223703MSA	E	08/29/2017	1	E2V		Y	IDT54FCT541ATEB	529
5962-9223703MSA	E	08/29/2017	1B	PYRAMID		Y	P54FCT541ATFSMB	529
5962-9223704M2A	E	08/29/2017	1B	PYRAMID		Y	P54FCT541ATLMB04	529
5962-9223704MRA	E	08/29/2017	1B	PYRAMID		Y	P54FCT541ATCMB04	529
5962-9223704MSA	E	08/29/2017	1B	PYRAMID		Y	P54FCT541ATFSMB04	529
5962-9223705M2A	E	08/29/2017	1	E2V		Y	IDT54FCT541CTLB	529
5962-9223705M2A	E	08/29/2017	1B	PYRAMID		Y	P54FCT541CTLMB	529
5962-9223705MRA	E	08/29/2017	1	E2V		Y	IDT54FCT541CTDB	529
5962-9223705MRA	E	08/29/2017	1B	PYRAMID		Y	P54FCT541CTCMB	529
5962-9223705MRA	E	08/29/2017	2	TI		Y	CY54FCT541CTDMB	529
5962-9223705MSA	E	08/29/2017	1	E2V		Y	IDT54FCT541CTEB	529
5962-9223705MSA	E	08/29/2017	1B	PYRAMID		Y	P54FCT541CTFSMB	529
5962-9223706M2A	E	08/29/2017	1B	PYRAMID		Y	P54FCT541CTLMB06	529
5962-9223706MRA	E	08/29/2017	1B	PYRAMID		Y	P54FCT541CTCMB06	529
5962-9223706MSA	E	08/29/2017	1B	PYRAMID		Y	P54FCT541CTFSMB06	529
5962-9223801M2A	F	12/21/2016	2	IDT		Y	IDT54FCT573TLB	341
5962-9223801M2A	F	12/21/2016	1	PYRAMID		Y	P54FCT573TLMB	341
5962-9223801MRA	F	12/21/2016	2	IDT		Y	IDT54FCT573TDB	341
5962-9223801MRA	F	12/21/2016	1	PYRAMID		Y	P54FCT573TCMB	341
5962-9223801MRA	F	12/21/2016	2	TI		Y	CY54FCT573TDMB	341
5962-9223801MSA	F	12/21/2016	1	PYRAMID		Y	P54FCT573TFSMB	341
5962-9223802M2A	F	12/21/2016	2	IDT		Y	IDT54FCT573ATLB	341
5962-9223802M2A	F	12/21/2016	1	PYRAMID		Y	P54FCT573ATLMB	341
5962-9223802M2A	F	12/21/2016	2	TI		Y	CY54FCT573ATLMB	341
5962-9223802MRA	F	12/21/2016	2	IDT		Y	IDT54FCT573ATDB	341
5962-9223802MRA	F	12/21/2016	1	PYRAMID		Y	P54FCT573ATCMB	341
5962-9223802MSA	F	12/21/2016	1	PYRAMID		Y	P54FCT573ATFSMB	341
5962-9223803M2A	F	12/21/2016	2	IDT		Y	IDT54FCT573CTLB	341
5962-9223803M2A	F	12/21/2016	1	PYRAMID		Y	P54FCT573CTLMB	341
5962-9223803MRA	F	12/21/2016	2	IDT		Y	IDT54FCT573CTDB	341
5962-9223803MRA	F	12/21/2016	1	PYRAMID		Y	P54FCT573CTCMB	341
5962-9223803MSA	F	12/21/2016	1	PYRAMID		Y	P54FCT573CTFSMB	341



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5962-9223804M2A	F	12/21/2016	1	PYRAMID		Y P54FCT573TLMB04		341
5962-9223804MRA	F	12/21/2016	1	PYRAMID		Y P54FCT573TCMB04		341
5962-9223805M2A	F	12/21/2016	1	PYRAMID		Y P54FCT573ATLMB05		341
5962-9223805MRA	F	12/21/2016	1	PYRAMID		Y P54FCT573ATCMB05		341
5962-9223806M2A	F	12/21/2016	1	PYRAMID		Y P54FCT573CTLMB06		341
5962-9223806MRA	F	12/21/2016	1	PYRAMID		Y P54FCT573CTCMB06		341
5962-9224001M2A	A	09/06/1996		(NONE)	04/27/1998	54FCT621T (GEN)		590
5962-9224001MRA	A	09/06/1996		(NONE)	04/27/1998	54FCT621T (GEN)		590
5962-9224001MSA	A	09/06/1996		(NONE)	04/27/1998	54FCT621T (GEN)		590
5962-9224002M2A	A	09/06/1996		(NONE)	04/27/1998	54FCT621AT (GEN)		590
5962-9224002MRA	A	09/06/1996		(NONE)	04/27/1998	54FCT621AT (GEN)		590
5962-9224002MSA	A	09/06/1996		(NONE)	04/27/1998	54FCT621AT (GEN)		590
5962-9224201M2A	A	09/06/1996	1B	PYRAMID		Y P54FCT623TLMB		590
5962-9224201MRA	A	09/06/1996	1B	PYRAMID		Y P54FCT623TCMB		590
5962-9224201MSA	A	09/06/1996	1B	PYRAMID		Y P54FCT623TFSMB		590
5962-9224202M2A	A	09/06/1996	1B	PYRAMID		Y P54FCT623ATLMB		590
5962-9224202MRA	A	09/06/1996	1B	PYRAMID		Y P54FCT623ATCMB		590
5962-9224202MSA	A	09/06/1996	1B	PYRAMID		Y P54FCT623ATFSMB		590
5962-9224203M2A	A	09/06/1996	1B	PYRAMID		Y P54FCT623CTLMB		590
5962-9224203MRA	A	09/06/1996	1B	PYRAMID		Y P54FCT623CTCMB		590
5962-9224203MSA	A	09/06/1996	1B	PYRAMID		Y P54FCT623CTFSMB		590
5962-9224301M2A		06/29/1993		(NONE)		54FCT640T (GEN)		590
5962-9224301MRA		06/29/1993		(NONE)		54FCT640T (GEN)		590
5962-9224302M2A		06/29/1993	1B	PYRAMID		Y P54FCT640TLMB		590
5962-9224302MRA		06/29/1993	1B	PYRAMID		Y P54FCT640TCMB		590
5962-9224302MSA		06/29/1993	1B	PYRAMID		Y P54FCT640TFSMB		590
5962-9224303M2A		06/29/1993		(NONE)		54FCT640AT (GEN)		590
5962-9224303MRA		06/29/1993		(NONE)		54FCT640AT (GEN)		590
5962-9224304M2A		06/29/1993	1B	PYRAMID		Y P54FCT640ATLMB		590
5962-9224304MRA		06/29/1993	1B	PYRAMID		Y P54FCT640ATCMB		590
5962-9224304MSA		06/29/1993	1B	PYRAMID		Y P54FCT640ATFSMB		590
5962-9224305M2A		06/29/1993		(NONE)		54FCT640CT (GEN)		590
5962-9224305MRA		06/29/1993		(NONE)		54FCT640CT (GEN)		590
5962-9224306M2A		06/29/1993	1B	PYRAMID		Y P54FCT640CTLMB		590
5962-9224306MRA		06/29/1993	1B	PYRAMID		Y P54FCT640CTCMB		590
5962-9224306MSA		06/29/1993	1B	PYRAMID		Y P54FCT640CTFSMB		590
5962-9224401M2A	D	09/19/2016	1	PYRAMID		Y P54FCT645TLMB01		590
5962-9224401MRA	D	09/19/2016	1	PYRAMID		Y P54FCT645TCMB01		590
5962-9224401MSA	D	09/19/2016	1	PYRAMID		Y P54FCT645TFSMB01		590
5962-9224402M2A	D	09/19/2016	1	PYRAMID		Y P54FCT645ATLMB02		590
5962-9224402MRA	D	09/19/2016	1	PYRAMID		Y P54FCT645ATCMB02		590
5962-9224402MSA	D	09/19/2016	1	PYRAMID		Y P54FCT645ATFSMB02		590
5962-9224403M2A	D	09/19/2016	1	PYRAMID		Y P54FCT645CTLMB03		590
5962-9224403MRA	D	09/19/2016	1	PYRAMID		Y P54FCT645CTCMB03		590
5962-9224403MSA	D	09/19/2016	1	PYRAMID		Y P54FCT645CTFSMB03		590
5962-9224404M2A	D	09/19/2016	1	PYRAMID		Y P54FCT645TLMB04		590
5962-9224404MRA	D	09/19/2016	1	PYRAMID		Y P54FCT645TCMB04		590
5962-9224404MSA	D	09/19/2016	1	PYRAMID		Y P54FCT645TFSMB04		590
5962-9224405M2A	D	09/19/2016	1	PYRAMID		Y P54FCT645ATLMB05		590

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5962-9224405MRA	D	09/19/2016	1	PYRAMID		Y P54FCT645ATCMB05		590
5962-9224405MSA	D	09/19/2016	1	PYRAMID		Y P54FCT645ATFSMB05		590
5962-9224406M2A	D	09/19/2016	1	PYRAMID		Y P54FCT645CTLMB06		590
5962-9224406MRA	D	09/19/2016	1	PYRAMID		Y P54FCT645CTCMB06		590
5962-9224406MSA	D	09/19/2016	1	PYRAMID		Y P54FCT645CTFSMB06		590
5962-9224601M3A	B	09/06/1996		(NONE)	04/29/2002	54FCT652T (GEN)		590
5962-9224601MKA	B	09/06/1996		(NONE)	04/29/2002	54FCT652T (GEN)		590
5962-9224601MLA	B	09/06/1996		(NONE)	04/29/2002	54FCT652T (GEN)		590
5962-9224602M3A	B	09/06/1996		(NONE)	04/29/2002	54FCT652AT (GEN)		590
5962-9224602MKA	B	09/06/1996		(NONE)	04/29/2002	54FCT652AT (GEN)		590
5962-9224602MLA	B	09/06/1996		(NONE)	04/29/2002	54FCT652AT (GEN)		590
5962-9224603M3A	B	09/06/1996		(NONE)	04/29/2002	54FCT652CT (GEN)		590
5962-9224603MKA	B	09/06/1996		(NONE)	04/29/2002	54FCT652CT (GEN)		590
5962-9224603MLA	B	09/06/1996		(NONE)	04/29/2002	54FCT652CT (GEN)		590
5962-9224604M3A	B	09/06/1996		(NONE)		54FCT652T (GEN)		590
5962-9224604MLA	B	09/06/1996		(NONE)		54FCT652T (GEN)		590
5962-9224605M3A	B	09/06/1996		(NONE)		54FCT652AT (GEN)		590
5962-9224605MLA	B	09/06/1996		(NONE)		54FCT652AT (GEN)		590
5962-9224606M3A	B	09/06/1996		(NONE)		54FCT652CT (GEN)		590
5962-9224606MLA	B	09/06/1996		(NONE)		54FCT652CT (GEN)		590
5962-9224701M3A	G	11/28/2016	2	E2V		Y IDT54FCT827ATLB		569
5962-9224701M3A	G	11/28/2016	1	PYRAMID		Y P54FCT827ATLMB		569
5962-9224701M3A	G	11/28/2016	2	TI		Y CY54FCT827ATLMB		569
5962-9224701MKA	G	11/28/2016	2	E2V		Y IDT54FCT827ATEB		569
5962-9224701MKA	G	11/28/2016	1	PYRAMID		Y P54FCT827ATFSMB		569
5962-9224701MLA	G	11/28/2016	2	E2V		Y IDT54FCT827ATDB		569
5962-9224701MLA	G	11/28/2016	1	PYRAMID		Y P54FCT827ATCMB		569
5962-9224702M3A	G	11/28/2016	1	PYRAMID		Y P54FCT827TLMB		569
5962-9224702MLA	G	11/28/2016	1	PYRAMID		Y P54FCT827TCMB		569
5962-9224703M3A	G	11/28/2016	2	E2V		Y IDT54FCT827BTLB		569
5962-9224703M3A	G	11/28/2016	1	PYRAMID		Y P54FCT827BTLMB		569
5962-9224703MKA	G	11/28/2016	2	E2V		Y IDT54FCT827BTBEB		569
5962-9224703MKA	G	11/28/2016	1	PYRAMID		Y P54FCT827BTFSMB		569
5962-9224703MLA	G	11/28/2016	2	E2V		Y IDT54FCT827BTDB		569
5962-9224703MLA	G	11/28/2016	1	PYRAMID		Y P54FCT827BTCMB		569
5962-9224704M3A	G	11/28/2016	1	PYRAMID		Y P54FCT827ATLMB04		569
5962-9224704MLA	G	11/28/2016	1	PYRAMID		Y P54FCT827ATCMB04		569
5962-9224705M3A	G	11/28/2016	2	E2V		Y IDT54FCT827CTLB		569
5962-9224705M3A	G	11/28/2016	1	PYRAMID		Y P54FCT827CTLMB		569
5962-9224705MKA	G	11/28/2016	2	E2V		Y IDT54FCT827CTEB		569
5962-9224705MKA	G	11/28/2016	1	PYRAMID		Y P54FCT827CTFSMB		569
5962-9224705MLA	G	11/28/2016	2	E2V		Y IDT54FCT827CTDB		569
5962-9224705MLA	G	11/28/2016	1	PYRAMID		Y P54FCT827CTCMB		569
5962-9224706M3A	G	11/28/2016	1	PYRAMID		Y P54FCT827CTLMB06		569
5962-9224706MLA	G	11/28/2016	1	PYRAMID		Y P54FCT827CTCMB06		569
5962-9225201MXC	F	01/03/2018		(NONE)	01/15/2000	4005-10 (GEN)		431
5962-9225201MYC	F	01/03/2018		(NONE)	01/15/2000	4005-10 (GEN)		431
5962-9225201MZC	F	01/03/2018		(NONE)	01/15/2000	4005-10 (GEN)		431
5962-9225202MXC	F	01/03/2018		(NONE)	01/15/2000	4005-6 (GEN)		431

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5962-9225202MYC	F	01/03/2018		(NONE)	01/15/2000		4005-6 (GEN)	431
5962-9225202MZC	F	01/03/2018		(NONE)	01/15/2000		4005-6 (GEN)	431
5962-9225203MXC	F	01/03/2018		(NONE)	02/01/2007		4005-5 (GEN)	431
5962-9225203MYC	F	01/03/2018		(NONE)	02/01/2007		4005-5 (GEN)	431
5962-9225203MZC	F	01/03/2018		(NONE)	02/01/2007		4005-5 (GEN)	431
5962-9225301HXA	E	01/23/2018		(NONE)			MN6450T (GEN)	592
5962-9225301HXC	E	01/23/2018		(NONE)			MN6450T (GEN)	592
5962-9225302HXA	E	01/23/2018	1	SPECTRUM (2)		Y	MN6450SMXA	592
5962-9225302HXC	E	01/23/2018	1	SPECTRUM (2)		Y	MN6450SMXC	592
5962-9225701MXA	C	01/26/2017	2	IDT		Y	IDT54FCT16244TEB	529
5962-9225702MXA	C	01/26/2017	2	IDT		Y	IDT54FCT16244ATEB	529
5962-9225703MXA	C	01/26/2017	2	IDT		Y	IDT54FCT16244CTEB	529
5962-9225801MXA	C	04/22/2015	2	IDT		Y	IDT54FCT16245TEB	590
5962-9225802MXA	C	04/22/2015	2	IDT		Y	IDT54FCT16245ATEB	590
5962-9225803MXA	C	04/22/2015	2	IDT		Y	IDT54FCT16245CTEB	590
5962-9225901MXA	A	10/17/1996		(NONE)	01/28/2002		54FCT16373 (GEN)	342
5962-9225902MXA	A	10/17/1996		(NONE)	01/28/2002		54FCT16373A (GEN)	342
5962-9225903MXA	A	10/17/1996		(NONE)	01/28/2002		54FCT16373C (GEN)	342
5962-9226001MXA	A	10/17/1996		(NONE)	01/28/2002		54FCT16374 (GEN)	159
5962-9226002MXA	A	10/17/1996		(NONE)	01/28/2002		54FCT16374A (GEN)	159
5962-9226003MXA	A	10/17/1996		(NONE)	01/28/2002		54FCT16374C (GEN)	159
5962-9226301MXA	A	10/17/1996		(NONE)	04/29/2002		54FCT16543T (GEN)	590
5962-9226302MXA	A	10/17/1996		(NONE)	04/29/2002		54FCT16543AT (GEN)	590
5962-9226303MXA	A	10/17/1996		(NONE)	04/29/2002		54FCT16543CT (GEN)	590
5962-9226401MXA	A	10/17/1996		(NONE)	04/29/2002		54FCT16646T (GEN)	590
5962-9226402MXA	A	10/17/1996		(NONE)	04/29/2002		54FCT16646AT (GEN)	590
5962-9226403MXA	A	10/17/1996		(NONE)	04/29/2002		54FCT16646CT (GEN)	590
5962-9226701MXA	B	10/17/1996		(NONE)	01/28/2002		54FCT16827A (GEN)	529
5962-9226702MXA	B	10/17/1996		(NONE)	01/28/2002		54FCT16827B (GEN)	529
5962-9226703MXA	B	10/17/1996		(NONE)	01/28/2002		54FCT16827C (GEN)	529
5962-9226801MXA	A	10/17/1996		(NONE)	01/28/2002		54FCT16841A (GEN)	341
5962-9226802MXA	A	10/17/1996		(NONE)	01/28/2002		54FCT16841B (GEN)	341
5962-9226803MXA	A	10/17/1996		(NONE)	01/28/2002		54FCT16841C (GEN)	341
5962-9227001MXA	D	11/08/1996		(NONE)	10/20/2001		54FCT162240 (GEN)	509
5962-9227002MXA	D	11/08/1996		(NONE)	10/20/2001		54FCT162240A (GEN)	509
5962-9227003MXA	D	11/08/1996		(NONE)	10/20/2001		54FCT162240C (GEN)	509
5962-9227101MXA	D	12/23/2014	2	IDT		Y	IDT54FCT162244TEB	529
5962-9227102MXA	D	12/23/2014	2	IDT		Y	IDT54FCT162244ATEB	529
5962-9227103MXA	D	12/23/2014	2	IDT		Y	IDT54FCT162244CTEB	529
5962-9227201MXA	E	05/22/2015	2	IDT		Y	IDT54FCT162245TEB	590
5962-9227202MXA	E	05/22/2015	2	IDT		Y	IDT54FCT162245ATEB	590
5962-9227203MXA	E	05/22/2015	2	IDT		Y	IDT54FCT162245CTEB	590
5962-9227301MXA	B	11/08/1996		(NONE)	04/29/2002		54FCT162373T (GEN)	342
5962-9227302MXA	B	11/08/1996		(NONE)	04/29/2002		54FCT162373AT (GEN)	342
5962-9227303MXA	B	11/08/1996		(NONE)	04/29/2002		54FCT162373CT (GEN)	342
5962-9227401MXA	B	11/08/1996		(NONE)	04/29/2002		54FCT162374T (GEN)	159
5962-9227402MXA	B	11/08/1996		(NONE)	04/29/2002		54FCT162374AT (GEN)	159
5962-9227403MXA	B	11/08/1996		(NONE)	04/29/2002		54FCT162374CT (GEN)	159
5962-9227601MXA	C	11/08/1996		(NONE)	10/20/2001		54FCT162501A (GEN)	421

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5962-9227602MXA	C	11/08/1996		(NONE)	10/20/2001		54FCT162501C (GEN)	421
5962-9227801MXA	C	11/08/1996		(NONE)	10/20/2001		54FCT162646 (GEN)	590
5962-9227802MXA	C	11/08/1996		(NONE)	10/20/2001		54FCT162646A (GEN)	590
5962-9227803MXA	C	11/08/1996		(NONE)	10/20/2001		54FCT162646C (GEN)	590
5962-9228001MXA	C	11/08/1996		(NONE)	01/28/2002		54FCT162823A (GEN)	421
5962-9228002MXA	C	11/08/1996		(NONE)	01/28/2002		54FCT162823B (GEN)	421
5962-9228003MXA	C	11/08/1996		(NONE)	01/28/2002		54FCT162823C (GEN)	421
5962-9228101MXA		06/12/1996		(NONE)	10/20/2001		54FCT162827A (GEN)	569
5962-9228102MXA		06/12/1996		(NONE)	10/20/2001		54FCT162827B (GEN)	569
5962-9228103MXA		06/12/1996		(NONE)	10/20/2001		54FCT162827C (GEN)	569
5962-9228201MXA		06/12/1996		(NONE)	01/28/2002		54FCT162841A (GEN)	342
5962-9228202MXA		06/12/1996		(NONE)	01/28/2002		54FCT162841B (GEN)	342
5962-9228203MXA		06/12/1996		(NONE)	01/28/2002		54FCT162841C (GEN)	342
5962-9228301MXA	B	11/08/1996		(NONE)	10/20/2001		54FCT162952A (GEN)	590
5962-9228302MXA	B	11/08/1996		(NONE)	10/20/2001		54FCT162952B (GEN)	590
5962-9228303MXA	B	11/08/1996		(NONE)	10/20/2001		54FCT162952C (GEN)	590
5962-9228401MZC		03/18/1993		(NONE)	08/02/1996		29000-20 (GEN)	404
5962-9228402MZC		03/18/1993		(NONE)	08/02/1996		29000-16 (GEN)	404
5962-9230401HXA		11/10/1992		(NONE)				590
5962-9230401HYA		11/10/1992		(NONE)				590
5962-9230501MXC	F	05/09/2014		(NONE)	01/15/2000		4010-10 (GEN)	431
5962-9230501MYC	F	05/09/2014		(NONE)	01/15/2000		4010-10 (GEN)	431
5962-9230501MZC	F	05/09/2014		(NONE)	01/15/2000		4010-10 (GEN)	431
5962-9230502MXC	F	05/09/2014		(NONE)	01/15/2000		4010-6 (GEN)	431
5962-9230502MYC	F	05/09/2014		(NONE)	01/15/2000		4010-6 (GEN)	431
5962-9230502MZC	F	05/09/2014		(NONE)	01/15/2000		4010-6 (GEN)	431
5962-9230503MXC	F	05/09/2014		(NONE)	02/01/2007		4010-5 (GEN)	431
5962-9230503MYC	F	05/09/2014		(NONE)	02/01/2007		4010-5 (GEN)	431
5962-9230503MZC	F	05/09/2014		(NONE)	02/01/2007		4010-5 (GEN)	431
5962-9230601MXA	B	05/12/2014	2	E2V		Y	100336DMQB	149
5962-9230601VXA	B	05/12/2014		(NONE)	12/03/2008		100336 (GEN)	149
5962-9230601MYA	B	05/12/2014	2	E2V		Y	100336FMQB	149
5962-9230601VYA	B	05/12/2014		(NONE)	12/03/2008		100336 (GEN)	149
5962-9231201MXA	B	02/19/2015	1	MICROSS		Y	SMJ416400-10HKBM	629
5962-9231201MYA	B	02/19/2015	1	MICROSS		Y	SMJ416400-10FNCM	629
5962-9231201MZA	B	02/19/2015	1	MICROSS		Y	SMJ416400-10SVM	629
5962-9231202MXA	B	02/19/2015	1	MICROSS		Y	SMJ416400-80HKBM	629
5962-9231202MYA	B	02/19/2015	1	MICROSS		Y	SMJ416400-80FNCM	629
5962-9231202MZA	B	02/19/2015	1	MICROSS		Y	SMJ416400-80SVM	629
5962-9231203MXA	B	02/19/2015	1	MICROSS		Y	SMJ416400-70HKBM	629
5962-9231203MYA	B	02/19/2015	1	MICROSS		Y	SMJ416400-70FNCM	629
5962-9231203MZA	B	02/19/2015	1	MICROSS		Y	SMJ416400-70SVM	629
5962-9231301MXA	B	02/20/2008		(NONE)			145152-2 (GEN)	809
5962-9231401M3A	E	10/27/2014		(NONE)			54ABT543 (GEN)	590
5962-9231401Q3A	E	10/27/2014	3	E2V		Y	54ABT543E-QML	590
5962-9231401MKA	E	10/27/2014		(NONE)			54ABT543 (GEN)	590
5962-9231401QKA	E	10/27/2014	3	E2V		Y	54ABT543W-QML	590
5962-9231401MLA	E	10/27/2014		(NONE)			54ABT543 (GEN)	590
5962-9231401QLA	E	10/27/2014	3	E2V		Y	54ABT543J-QML	590

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5962-9231402Q3A	E	10/27/2014	2	TI		Y	SNJ54ABT543AFK	590
5962-9231402QKA	E	10/27/2014	2	TI	09/26/2018	Y	SNJ54ABT543AW	590
5962-9231402QLA	E	10/27/2014	2	TI	09/26/2018	Y	SNJ54ABT543AJT	590
5962-9231501M2C	B	03/06/2008		(NONE)	09/30/2000		SL2524 (GEN)	800
5962-9231601MTA	E	03/20/2015		(NONE)			5C1001-45 (GEN)	625
5962-9231601MUA	E	03/20/2015	1	MICROSS		Y	MT5C1001DCJ-45/883C	625
5962-9231601MXA	E	03/20/2015		(NONE)			5C1001-45 (GEN)	625
5962-9231601MYA	E	03/20/2015		(NONE)			5C1001-45 (GEN)	625
5962-9231601MZA	E	03/20/2015	1	MICROSS		Y	MT5C1001F-45/883C	625
5962-9231602MTA	E	03/20/2015		(NONE)			5C1001-35 (GEN)	625
5962-9231602MUA	E	03/20/2015	1	MICROSS		Y	MT5C1001DCJ-35/883C	625
5962-9231602MXA	E	03/20/2015		(NONE)			5C1001-35 (GEN)	625
5962-9231602MYA	E	03/20/2015		(NONE)			5C1001-35 (GEN)	625
5962-9231602MZA	E	03/20/2015	1	MICROSS		Y	MT5C1001F-35/883C	625
5962-9231603MTA	E	03/20/2015		(NONE)			5C1001-25 (GEN)	625
5962-9231603MUA	E	03/20/2015	1	MICROSS		Y	MT5C1001DCJ-25/883C	625
5962-9231603MXA	E	03/20/2015		(NONE)			5C1001-25 (GEN)	625
5962-9231603MYA	E	03/20/2015		(NONE)			5C1001-25 (GEN)	625
5962-9231603MZA	E	03/20/2015	1	MICROSS		Y	MT5C1001F-25/883C	625
5962-9231604MTA	E	03/20/2015		(NONE)			5C1001-20 (GEN)	625
5962-9231604MUA	E	03/20/2015	1	MICROSS		Y	MT5C1001DCJ-20/883C	625
5962-9231604MXA	E	03/20/2015		(NONE)			5C1001-20 (GEN)	625
5962-9231604MYA	E	03/20/2015		(NONE)			5C1001-20 (GEN)	625
5962-9231604MZA	E	03/20/2015	1	MICROSS		Y	MT5C1001F-20/883C	625
5962-9231605MTA	E	03/20/2015		(NONE)			5C1001-45L (GEN)	625
5962-9231605MUA	E	03/20/2015	1	MICROSS		Y	MT5C1001DCJ-45L/883C	625
5962-9231605MXA	E	03/20/2015		(NONE)			5C1001-45L (GEN)	625
5962-9231605MYA	E	03/20/2015		(NONE)			5C1001-45L (GEN)	625
5962-9231605MZA	E	03/20/2015	1	MICROSS		Y	MT5C1001F-45L/883C	625
5962-9231606MTA	E	03/20/2015		(NONE)			5C1001-35L (GEN)	625
5962-9231606MUA	E	03/20/2015	1	MICROSS		Y	MT5C1001DCJ-35L/883C	625
5962-9231606MXA	E	03/20/2015		(NONE)			5C1001-35L (GEN)	625
5962-9231606MYA	E	03/20/2015		(NONE)			5C1001-35L (GEN)	625
5962-9231606MZA	E	03/20/2015	1	MICROSS		Y	MT5C1001F-35L/883C	625
5962-9231607MTA	E	03/20/2015		(NONE)			5C1001-25L (GEN)	625
5962-9231607MUA	E	03/20/2015	1	MICROSS		Y	MT5C1001DCJ-25L/883C	625
5962-9231607MXA	E	03/20/2015		(NONE)			5C1001-25L (GEN)	625
5962-9231607MYA	E	03/20/2015		(NONE)			5C1001-25L (GEN)	625
5962-9231607MZA	E	03/20/2015	1	MICROSS		Y	MT5C1001F-25L/883C	625
5962-9231608MTA	E	03/20/2015		(NONE)			5C1001-20L (GEN)	625
5962-9231608MUA	E	03/20/2015	1	MICROSS		Y	MT5C1001DCJ-20L/883C	625
5962-9231608MXA	E	03/20/2015		(NONE)			5C1001-20L (GEN)	625
5962-9231608MYA	E	03/20/2015		(NONE)			5C1001-20L (GEN)	625
5962-9231608MZA	E	03/20/2015	1	MICROSS		Y	MT5C1001F-20L/883C	625
5962-9231701M3A	H	05/07/2014	1	TI		Y	DS1776E/883	590
5962-9231701M3C	H	05/07/2014	1	TI		Y	DS1776E1/883	590
5962-9231701MXA	H	05/07/2014		(NONE)			DS1776 (GEN)	590
5962-9231801MPA	A	07/23/2007		(NONE)	09/30/1995		35164 (GEN)	899
5962-9231901M2A	B	05/02/2016		(NONE)	11/28/2015		54LS136 (GEN)	140

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5962-9231901MCA	B	05/02/2016		TI		Y	SNJ54LS136J	140
5962-9231901MDA	B	05/02/2016		(NONE)	11/28/2015		54LS136 (GEN)	140
5962-9232101MXA	D	04/06/2017		(NONE)	05/31/1998		7C439-65 (GEN)	670
5962-9232101MYA	D	04/06/2017		(NONE)			7C439-65 (GEN)	670
5962-9232101MZA	D	04/06/2017		(NONE)			7C439-65 (GEN)	670
5962-9232102MXA	D	04/06/2017		(NONE)			7C439-40 (GEN)	670
5962-9232102MYA	D	04/06/2017		(NONE)			7C439-40 (GEN)	670
5962-9232102MZA	D	04/06/2017		(NONE)			7C439-40 (GEN)	670
5962-9232103MXA	D	04/06/2017		(NONE)	05/31/1998		7C439-30 (GEN)	670
5962-9232103MYA	D	04/06/2017		(NONE)			7C439-30 (GEN)	670
5962-9232103MZA	D	04/06/2017		(NONE)			7C439-30 (GEN)	670
5962-9232201MXA		06/17/1993		(NONE)	05/10/1995		7C285 (GEN)	663
5962-9232201MYA		06/17/1993		(NONE)			7C285 (GEN)	663
5962-9232201MZA		06/17/1993		(NONE)	05/10/1995		7C285 (GEN)	663
5962-9232202MXA		06/17/1993		(NONE)	05/10/1995		7C285 (GEN)	663
5962-9232202MYA		06/17/1993		(NONE)			7C285 (GEN)	663
5962-9232202MZA		06/17/1993		(NONE)	05/10/1995		7C285 (GEN)	663
5962-9232401MXA	C	12/18/2014		(NONE)			11C68 (GEN)	620
5962-9232401MYA	C	12/18/2014		(NONE)			11C68 (GEN)	620
5962-9232402MXA	C	12/18/2014		(NONE)			11C68 (GEN)	620
5962-9232402MYA	C	12/18/2014		(NONE)			11C68 (GEN)	620
5962-9232403MXA	C	12/18/2014		(NONE)			11C68 (GEN)	620
5962-9232403MYA	C	12/18/2014		(NONE)			11C68 (GEN)	620
5962-9232404MXA	C	12/18/2014		(NONE)	10/04/2017		11C68-55 (GEN)	620
5962-9232404MYA	C	12/18/2014		(NONE)	11/09/2011		11C68-55 (GEN)	620
5962-9232405MXA	C	12/18/2014		(NONE)	11/09/2011		11C68-45 (GEN)	620
5962-9232405MYA	C	12/18/2014		(NONE)	11/09/2011		11C68-45 (GEN)	620
5962-9232406MXA	C	12/18/2014		(NONE)	11/09/2011		11C68-35 (GEN)	620
5962-9232406MYA	C	12/18/2014		(NONE)	11/09/2011		11C68-35 (GEN)	620
5962-9232501MXA	D	12/06/2017	1C	TI		Y	LMD18200-2D/883	899
5962-9232501VXA	D	12/06/2017		(NONE)			LMD18200 (GEN)	899
5962-9232701MYA	B	12/04/2009		(NONE)	09/30/1995		10E511 (GEN)	599
5962-9232702MYA	B	12/04/2009		(NONE)	09/30/1995		100E511 (GEN)	599
5962-9232901QRA	A	12/28/2007		(NONE)			ADC10061 (GEN)	592
5962-9232902QJA	A	12/28/2007		(NONE)			ADC10062 (GEN)	592
5962-9232903QXA	A	12/28/2007		(NONE)			ADC10064 (GEN)	592
5962-9233101MXA		10/18/1993		(NONE)			TMC2330 (GEN)	399
5962-9233101MYA		10/18/1993		(NONE)			TMC2330 (GEN)	399
5962-9233102MXA		10/18/1993		(NONE)			TMC2330 (GEN)	339
5962-9233102MYA		10/18/1993		(NONE)			TMC2330 (GEN)	339
5962-9233301MMA	C	06/14/2006		(NONE)			87C552 (GEN)	420
5962-9233302MMA	C	06/14/2006		(NONE)			87C552 (GEN)	420
5962-9233303NYA	C	06/14/2006		(NONE)			87C552 (GEN)	420
5962-9233304NYA	C	06/14/2006		(NONE)			87C552 (GEN)	420
5962-9233501MXA	A	01/07/2010		(NONE)			2936 (GEN)	899
5962-9233601MEA	G	07/20/2018		(NONE)	12/03/2008		LP2953A (GEN)	789
5962-9233601VEA	G	07/20/2018		(NONE)	12/03/2008		LP2953A (GEN)	789
5962-9233601QXA	G	07/20/2018		(NONE)	06/24/2011		LP2953A (GEN)	789
5962-9233601VXA	G	07/20/2018		(NONE)	06/24/2011		LP2953A (GEN)	789



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5962-9233602QXA	G	07/20/2018	2	TI		Y LP2953AMGW/883		789
5962-9233602VXA	G	07/20/2018	2	TI		Y LP2953AMGW-QMLV		789
5962-9233801MRA	B	12/05/2018		(NONE)	03/05/1996	16L8-10 (GEN)		431
5962-9233801MSA	B	12/05/2018		(NONE)		16L8-10 (GEN)		431
5962-9233801MXA	B	12/05/2018		(NONE)	03/05/1996	16L8-10 (GEN)		431
5962-9233802MRA	B	12/05/2018		(NONE)	03/05/1996	16R8-10 (GEN)		431
5962-9233802MSA	B	12/05/2018		(NONE)		16R8-10 (GEN)		431
5962-9233802MXA	B	12/05/2018		(NONE)	03/05/1996	16R8-10 (GEN)		431
5962-9233803MRA	B	12/05/2018		(NONE)	03/05/1996	16R6-10 (GEN)		431
5962-9233803MSA	B	12/05/2018		(NONE)		16R6-10 (GEN)		431
5962-9233803MXA	B	12/05/2018		(NONE)	03/05/1996	16R6-10 (GEN)		431
5962-9233804MRA	B	12/05/2018		(NONE)	03/05/1996	16R4-10 (GEN)		431
5962-9233804MSA	B	12/05/2018		(NONE)		16R4-10 (GEN)		431
5962-9233804MXA	B	12/05/2018		(NONE)	03/05/1996	16R4-10 (GEN)		431
5962-9233805MRA	B	12/05/2018		(NONE)	03/05/1996	16L8-7 (GEN)		431
5962-9233805MSA	B	12/05/2018		(NONE)		16L8-7 (GEN)		431
5962-9233805MXA	B	12/05/2018		(NONE)	03/05/1996	16L8-7 (GEN)		431
5962-9233806MRA	B	12/05/2018		(NONE)	03/05/1996	16R8-7 (GEN)		431
5962-9233806MSA	B	12/05/2018		(NONE)		16R8-7 (GEN)		431
5962-9233806MXA	B	12/05/2018		(NONE)		16R8-7 (GEN)		431
5962-9233807MRA	B	12/05/2018		(NONE)	03/05/1996	16R6-7 (GEN)		431
5962-9233807MSA	B	12/05/2018		(NONE)		16R6-7 (GEN)		431
5962-9233807MXA	B	12/05/2018		(NONE)	03/05/1996	16R6-7 (GEN)		431
5962-9233808MRA	B	12/05/2018		(NONE)	03/05/1996	16R4-7 (GEN)		431
5962-9233808MSA	B	12/05/2018		(NONE)		16R4-7 (GEN)		431
5962-9233808MXA	B	12/05/2018		(NONE)	03/05/1996	16R4-7 (GEN)		431
5962-9233901M2A	G	11/11/2015	1	ROCHESTER		Y CLC114A/B2A		760
5962-9233901MCA	G	11/11/2015	1	ROCHESTER		Y CLC114A/BCA		760
5962-9234301MYA	C	05/20/2010		(NONE)	09/30/1995	10E516 (GEN)		579
5962-9234301MZA	C	05/20/2010		(NONE)	09/30/1995	10E516 (GEN)		579
5962-9234302MYA	C	05/20/2010		(NONE)	09/30/1995	100E516 (GEN)		579
5962-9234302MZA	C	05/20/2010		(NONE)	09/30/1995	100E516 (GEN)		579
5962-9234401MXA	A	02/06/2013		(NONE)	05/06/1997	71B74S20 (GEN)		621
5962-9234501M2C	D	11/08/2018		(NONE)	07/10/2015	MAX543A (GEN)		591
5962-9234501MPA	D	11/08/2018	1	MAXIM INTEG.		MAX543AMJA/883B		591
5962-9234502M2C	D	11/08/2018		(NONE)	07/10/2015	MAX543B (GEN)		591
5962-9234502MPA	D	11/08/2018		(NONE)	07/10/2015	MAX543B (GEN)		591
5962-9234701MIA	D	07/23/2007		(NONE)		AD9696 (GEN)		770
5962-9234701MPA	D	07/23/2007		(NONE)		AD9696 (GEN)		770
5962-9234701MXC	D	07/23/2007		(NONE)		AD9696 (GEN)		770
5962-9234702MEA	D	07/23/2007		(NONE)		AD9698 (GEN)		773
5962-9234702MYC	D	07/23/2007		(NONE)		AD9698 (GEN)		773
5962-9234703VHA	D	07/23/2007		(NONE)	09/05/2001	AD9696T (GEN)		773
5962-9234703VPA	D	07/23/2007		(NONE)	09/05/2001	AD9696T (GEN)		773
5962-9235001MXA	A	06/18/2009		(NONE)		L293D (GEN)		899
5962-9235101HXA	D	05/21/2018	1	INTER. RECT.2		Y AHF2815D/CH		594
5962-9235101HXC	D	05/21/2018	1	INTER. RECT.2		Y AHF2815D/CH		594
5962-9235101HZA	D	05/21/2018	1	INTER. RECT.2		Y AHF2815DF/CH		594
5962-9235101HZC	D	05/21/2018	1	INTER. RECT.2		Y AHF2815DF/CH		594

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5962H92A0101QYC		07/09/1992		(NONE)			1HK84 (GEN)	420
5962-92A0201QYC	B	04/21/1994		(NONE)			1056A2 (GEN)	420
5962-92A0301QYC	B	04/21/1994		(NONE)			1056B2 (GEN)	421
5962-92A0401QYC	B	04/21/1994		(NONE)			1056C (GEN)	421
5962-92A0501QYC	B	04/21/1994		(NONE)			1056D2 (GEN)	420
5962-92A0601QYC	B	04/21/1994		(NONE)			1056E (GEN)	699
5962-92A0701QYC	B	04/21/1994		(NONE)			1056F (GEN)	429
5962-92A0801QYC	B	04/21/1994		(NONE)			1056G (GEN)	420
5962-92A0901QYC	B	04/21/1994		(NONE)			1056H2 (GEN)	399
5962-92A1001QYC	B	04/21/1994		(NONE)			1056J (GEN)	205
5962-92A1101QYC	B	04/21/1994		(NONE)			1056K2 (GEN)	429
5962-92A1201QYC	B	04/21/1994		(NONE)			1056L (GEN)	420
5962-92A1301QYC	B	04/21/1994		(NONE)			1056T (GEN)	399
5962-92A1401QYC	B	04/21/1994		(NONE)			1056S (GEN)	420
5962-92A1501QYC	B	04/21/1994		(NONE)			1056W (GEN)	423
5962-92A1601QYC	A	04/21/1994		(NONE)			1056U (GEN)	399
5962-92A1701QYC	B	04/21/1994		(NONE)			1057A3 (GEN)	399
5962-92A1801QYC	B	04/21/1994		(NONE)			1057C (GEN)	399
5962-92A1901QYC	B	04/21/1994		(NONE)			1057D (GEN)	355
5962-92A2001QYC	B	04/21/1994		(NONE)			1057E (GEN)	429
5962-92A2101QYC	B	04/21/1994		(NONE)			1057F2 (GEN)	591
5962-92A2201QYC	B	04/21/1994		(NONE)			1057G (GEN)	420
5962-9300201MPA	A	01/08/2010		(NONE)	12/08/1998		LM612A (GEN)	779
5962-9300301M2A	C	02/06/2006		(NONE)			LM613 (GEN)	710
5962-9300301MEA	C	02/06/2006		(NONE)	12/03/2008		LM613 (GEN)	710
5962-9300401MEA	C	03/04/2015	1	ROCHESTER		Y	LM614AMJ/883	713
5962-9300601MXA	B	09/23/1999		(NONE)	10/31/2002		320E14 (GEN)	432
5962-9300601MYA	B	09/23/1999		(NONE)	10/31/2002		320E14 (GEN)	432
5962-9300701MXC	D	11/05/1996		(NONE)			48908-20 (GEN)	399
5962-9300701MYA	D	11/05/1996		(NONE)	04/01/2000		48908-50 (GEN)	399
5962-9300702MXA	D	11/05/1996		(NONE)	04/01/2000		48908-37 (GEN)	399
5962-9300702MYA	D	11/05/1996		(NONE)	04/01/2000		48908-37 (GEN)	399
5962-9300703MXA	D	11/05/1996		(NONE)	04/01/2000		48908-25 (GEN)	399
5962-9300703MYA	D	11/05/1996		(NONE)	04/01/2000		48908-25 (GEN)	399
5962-9300801MXA	B	12/21/2018		(NONE)			7C462-40 (GEN)	670
5962-9300801MYA	B	12/21/2018		(NONE)			7C462-40 (GEN)	670
5962-9300802MXA	B	12/21/2018		(NONE)			7C462-25 (GEN)	670
5962-9300802MYA	B	12/21/2018		(NONE)			7C462-25 (GEN)	670
5962-9300803MXA	B	12/21/2018		(NONE)			7C462-20 (GEN)	670
5962-9300803MYA	B	12/21/2018		(NONE)			7C462-20 (GEN)	670
5962-9301901M2A		01/05/1996		(NONE)	10/20/2001		54FCT2244 (GEN)	529
5962-9301901MRA		01/05/1996		(NONE)	10/20/2001		154FCT2244 (GEN)	529
5962-9301901MSA		01/05/1996		(NONE)	10/20/2001		54FCT2244 (GEN)	529
5962-9301902M2A		01/05/1996		(NONE)	10/20/2001		54FCT2244A (GEN)	529
5962-9301902MRA		01/05/1996		(NONE)	10/20/2001		54FCT2244A (GEN)	529
5962-9301902MSA		01/05/1996		(NONE)	10/20/2001		54FCT2244A (GEN)	529
5962-9301903M2A		01/05/1996		(NONE)	10/20/2001		54FCT2244C (GEN)	529
5962-9301903MRA		01/05/1996		(NONE)	10/20/2001		54FCT2244C (GEN)	529
5962-9301903MSA		01/05/1996		(NONE)	10/20/2001		54FCT2244C (GEN)	529

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5962-9302001M2A		11/28/1995		(NONE)	10/20/2001		54FCT2245 (GEN)	590
5962-9302001MRA		11/28/1995		(NONE)	10/20/2001		54FCT2245 (GEN)	590
5962-9302001MSA		11/28/1995		(NONE)	10/20/2001		54FCT2245 (GEN)	590
5962-9302002M2A		11/28/1995		(NONE)	10/20/2001		54FCT2245A (GEN)	590
5962-9302002MRA		11/28/1995		(NONE)	10/20/2001		54FCT2245A (GEN)	590
5962-9302002MSA		11/28/1995		(NONE)	10/20/2001		54FCT2245A (GEN)	590
5962-9302003M2A		11/28/1995		(NONE)	10/20/2001		54FCT2245C (GEN)	590
5962-9302003MRA		11/28/1995		(NONE)	10/20/2001		54FCT2245C (GEN)	590
5962-9302003MSA		11/28/1995		(NONE)	10/20/2001		54FCT2245C (GEN)	590
5962-9302501M2A		01/05/1996		(NONE)	10/20/2001		54FCT2373 (GEN)	341
5962-9302501MRA		01/05/1996		(NONE)	10/20/2001		54FCT2373 (GEN)	341
5962-9302501MSA		01/05/1996		(NONE)	10/20/2001		54FCT2373 (GEN)	341
5962-9302502M2A		01/05/1996		(NONE)	10/20/2001		54FCT2373A (GEN)	341
5962-9302502MRA		01/05/1996		(NONE)	10/20/2001		54FCT2373A (GEN)	341
5962-9302502MSA		01/05/1996		(NONE)	10/20/2001		54FCT2373A (GEN)	341
5962-9302503M2A		01/05/1996		(NONE)	10/20/2001		54FCT2373C (GEN)	341
5962-9302503MRA		01/05/1996		(NONE)	10/20/2001		54FCT2373C (GEN)	341
5962-9302503MSA		01/05/1996		(NONE)	10/20/2001		54FCT2373C (GEN)	341
5962-9302601M2A		11/28/1995		(NONE)	10/20/2001		54FCT2374 (GEN)	159
5962-9302601MRA		11/28/1995		(NONE)	10/20/2001		54FCT2374 (GEN)	159
5962-9302601MSA		11/28/1995		(NONE)	10/20/2001		54FCT2374 (GEN)	159
5962-9302602M2A		11/28/1995		(NONE)	10/20/2001		54FCT2374A (GEN)	159
5962-9302602MRA		11/28/1995		(NONE)	10/20/2001		54FCT2374A (GEN)	159
5962-9302602MSA		11/28/1995		(NONE)	10/20/2001		54FCT2374A (GEN)	159
5962-9302603M2A		11/28/1995		(NONE)	10/20/2001		54FCT2374C (GEN)	159
5962-9302603MRA		11/28/1995		(NONE)	10/20/2001		54FCT2374C (GEN)	159
5962-9302603MSA		11/28/1995		(NONE)	10/20/2001		54FCT2374C (GEN)	159
5962-9305501M2A	E	12/12/2003		(NONE)			CLC415 (GEN)	713
5962-9305501MCA	E	12/12/2003		(NONE)	12/06/2005		CLC415 (GEN)	713
5962-9305601MXA	C	01/08/2015		(NONE)			10C68 (GEN)	620
5962-9305601MYA	C	01/08/2015		(NONE)			10C68 (GEN)	620
5962-9305602MXA	C	01/08/2015		(NONE)			10C68 (GEN)	620
5962-9305602MYA	C	01/08/2015		(NONE)			10C68 (GEN)	620
5962-9305603MXA	C	01/08/2015		(NONE)			10C68 (GEN)	620
5962-9305603MYA	C	01/08/2015		(NONE)			10C68 (GEN)	620
5962-9305604MXA	C	01/08/2015		(NONE)	09/29/2006		10C68-55 (GEN)	620
5962-9305604MYA	C	01/08/2015		(NONE)	09/29/2006		10C68-55 (GEN)	620
5962-9305605MXA	C	01/08/2015		(NONE)	09/29/2006		10C68-45 (GEN)	620
5962-9305605MYA	C	01/08/2015		(NONE)	09/29/2006		10C68-45 (GEN)	620
5962-9305606MXA	C	01/08/2015		(NONE)	09/29/2006		10C68-35 (GEN)	620
5962-9305606MYA	C	01/08/2015		(NONE)	09/29/2006		10C68-35 (GEN)	620
5962-9305701MPA	B	04/03/2006		(NONE)			LTC1291B (GEN)	433
5962-9305702MPA	B	04/03/2006		(NONE)	03/30/2001		LTC1292B (GEN)	433
5962-9305703MEA	B	04/03/2006		(NONE)	03/30/2001		LTC1293B (GEN)	433
5962-9305704MRA	B	04/03/2006		(NONE)	03/30/2001		LTC1294B (GEN)	433
5962-9305705MPA	B	04/03/2006		(NONE)	03/30/2001		LTC1291C (GEN)	433
5962-9305706MPA	B	04/03/2006		(NONE)	03/30/2001		LTC1292C (GEN)	433
5962-9305707MEA	B	04/03/2006		(NONE)	03/30/2001		LTC1293C (GEN)	433
5962-9305708MRA	B	04/03/2006		(NONE)	03/30/2001		LTC1294C (GEN)	433

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5962-9305709MPA	B	04/03/2006		(NONE)	03/30/2001		LTC1291D (GEN)	433
5962-9305710MPA	B	04/03/2006		(NONE)	03/30/2001		LTC1292D (GEN)	433
5962-9305711MEA	B	04/03/2006		(NONE)	03/30/2001		LTC1293D (GEN)	433
5962-9305712MRA	B	04/03/2006		(NONE)	03/30/2001		LTC1294D (GEN)	433
5962-9306001MXA	F	02/28/2012		(NONE)	05/31/2013		AD872A (GEN)	592
5962-9306002MYA	F	02/28/2012		(NONE)	05/28/2005		AD872A (GEN)	592
5962-9306003MXA	F	02/28/2012		(NONE)			AD872A (GEN)	592
5962-9306004MYA	F	02/28/2012		(NONE)			AD872A (GEN)	592
5962-9306201M3A	A	01/22/2008		(NONE)	09/30/2000		AD9720 (GEN)	591
5962-9306201MXA	A	01/22/2008		(NONE)	09/30/2000		AD9720 (GEN)	591
5962-9306202M3A	A	01/22/2008		(NONE)	09/30/2000		AD9721 (GEN)	592
5962-9306202MXA	A	01/22/2008		(NONE)	09/30/2000		AD9721 (GEN)	592
5962-9306301M2A	C	04/11/2007		(NONE)	10/28/2011		HA-5340 (GEN)	818
5962-9306301MCA	C	04/11/2007		(NONE)	10/03/2004		HA-5340 (GEN)	818
5962-9306302M2A	C	04/11/2007		(NONE)	07/02/2004		HA-5320 (GEN)	818
5962-9306302MCA	C	04/11/2007		(NONE)	10/03/2004		HA-5320 (GEN)	818
5962-9306501HXA	M	09/21/2018	1	DDC		Y	BU-65170S1-150	590
5962-9306501HXA	M	09/21/2018	1	DDC		Y	BU-65170S1-140	590
5962-9306501HXC	M	09/21/2018	1	DDC		Y	BU-65170S1-110	590
5962-9306501HXC	M	09/21/2018	1	DDC		Y	BU-65170S1-130	590
5962-9306501HYA	M	09/21/2018	1	DDC		Y	BU-65170V1-150	590
5962-9306501HYA	M	09/21/2018	1	DDC		Y	BU-65170V1-140	590
5962-9306501HYC	M	09/21/2018	1	DDC		Y	BU-65170V1-110	590
5962-9306501HYC	M	09/21/2018	1	DDC		Y	BU-65170V1-130	590
5962-9306501HZC	M	09/21/2018	1	DDC		Y	BU-65170J1-110	590
5962-9306501HZC	M	09/21/2018	1	DDC		Y	BU-65170J1-130	590
5962-9306502HXA	M	09/21/2018	1	DDC		Y	BU-65170S2-150	590
5962-9306502HXA	M	09/21/2018	1	DDC		Y	BU-65170S2-140	590
5962-9306502HXC	M	09/21/2018	1	DDC		Y	BU-65170S2-110	590
5962-9306502HXC	M	09/21/2018	1	DDC		Y	BU-65170S2-130	590
5962-9306502HYA	M	09/21/2018	1	DDC		Y	BU-65170V2-150	590
5962-9306502HYA	M	09/21/2018	1	DDC		Y	BU-65170V2-140	590
5962-9306502HYC	M	09/21/2018	1	DDC		Y	BU-65170V2-130	590
5962-9306502HYC	M	09/21/2018	1	DDC		Y	BU-65170V2-110	590
5962-9306502HZC	M	09/21/2018	1	DDC		Y	BU-65170J2-130	590
5962-9306502HZC	M	09/21/2018	1	DDC		Y	BU-65170J2-110	590
5962-9306503HXA	M	09/21/2018	1	DDC		Y	BU-61580S1-150	590
5962-9306503HXA	M	09/21/2018	1	DDC		Y	BU-61580S1-140	590
5962-9306503HXC	M	09/21/2018	1	DDC		Y	BU-61580S1-110	590
5962-9306503HXC	M	09/21/2018	1	DDC		Y	BU-61580S1-130	590
5962-9306503HYA	M	09/21/2018	1	DDC		Y	BU-61580V1-150	590
5962-9306503HYA	M	09/21/2018	1	DDC		Y	BU-61580V1-140	590
5962-9306503HYC	M	09/21/2018	1	DDC		Y	BU-61580V1-110	590
5962-9306503HYC	M	09/21/2018	1	DDC		Y	BU-61580V1-130	590
5962-9306503HZC	M	09/21/2018	1	DDC		Y	BU-61580J1-110	590
5962-9306503HZC	M	09/21/2018	1	DDC		Y	BU-61580J1-130	590
5962-9306504HXA	M	09/21/2018	1	DDC		Y	BU-61580S2-150	590
5962-9306504HXA	M	09/21/2018	1	DDC		Y	BU-61580S2-140	590
5962-9306504HXC	M	09/21/2018	1	DDC		Y	BU-61580S2-130	590

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5962-9306504HXC	M	09/21/2018	1	DDC		Y BU-61580S2-110		590
5962-9306504HYA	M	09/21/2018	1	DDC		Y BU-61580V2-150		590
5962-9306504HYA	M	09/21/2018	1	DDC		Y BU-61580V2-140		590
5962-9306504HXC	M	09/21/2018	1	DDC		Y BU-61580V2-130		590
5962-9306504HXC	M	09/21/2018	1	DDC		Y BU-61580V2-110		590
5962-9306504HXC	M	09/21/2018	1	DDC		Y BU-61580J2-110		590
5962-9306504HXC	M	09/21/2018	1	DDC		Y BU-61580J2-130		590
5962-9306505HXA	M	09/21/2018	1	DDC		Y BU-65171S1-150		590
5962-9306505HXA	M	09/21/2018	1	DDC		Y BU-65171S1-140		590
5962-9306505HXC	M	09/21/2018	1	DDC		Y BU-65171S1-130		590
5962-9306505HXC	M	09/21/2018	1	DDC		Y BU-65171S1-110		590
5962-9306505HYA	M	09/21/2018	1	DDC		Y BU-65171V1-150		590
5962-9306505HYA	M	09/21/2018	1	DDC		Y BU-65171V1-140		590
5962-9306505HXC	M	09/21/2018	1	DDC		Y BU-65171V1-130		590
5962-9306505HXC	M	09/21/2018	1	DDC		Y BU-65171V1-110		590
5962-9306505HXC	M	09/21/2018	1	DDC		Y BU-65171J1-110		590
5962-9306505HXC	M	09/21/2018	1	DDC		Y BU-65171J1-130		590
5962-9306506HXA	M	09/21/2018	1	DDC		Y BU-65171S2-150		590
5962-9306506HXA	M	09/21/2018	1	DDC		Y BU-65171S2-140		590
5962-9306506HXC	M	09/21/2018	1	DDC		Y BU-65171S2-130		590
5962-9306506HXC	M	09/21/2018	1	DDC		Y BU-65171S2-110		590
5962-9306506HYA	M	09/21/2018	1	DDC		Y BU-65171V2-150		590
5962-9306506HYA	M	09/21/2018	1	DDC		Y BU-65171V2-140		590
5962-9306506HXC	M	09/21/2018	1	DDC		Y BU-65171V2-130		590
5962-9306506HXC	M	09/21/2018	1	DDC		Y BU-65171V2-110		590
5962-9306506HXC	M	09/21/2018	1	DDC		Y BU-65171J2-130		590
5962-9306506HXC	M	09/21/2018	1	DDC		Y BU-65171J2-110		590
5962-9306507HXA	M	09/21/2018	1	DDC		Y BU-61581S1-150		590
5962-9306507HXA	M	09/21/2018	1	DDC		Y BU-61581S1-140		590
5962-9306507HXC	M	09/21/2018	1	DDC		Y BU-61581S1-130		590
5962-9306507HXC	M	09/21/2018	1	DDC		Y BU-61581S1-110		590
5962-9306507HYA	M	09/21/2018	1	DDC		Y BU-61581V1-150		590
5962-9306507HYA	M	09/21/2018	1	DDC		Y BU-61581V1-140		590
5962-9306507HXC	M	09/21/2018	1	DDC		Y BU-61581V1-130		590
5962-9306507HXC	M	09/21/2018	1	DDC		Y BU-61581V1-110		590
5962-9306507HXC	M	09/21/2018	1	DDC		Y BU-61581J1-130		590
5962-9306507HXC	M	09/21/2018	1	DDC		Y BU-61581J1-110		590
5962-9306508HXA	M	09/21/2018	1	DDC		Y BU-61581S2-150		590
5962-9306508HXA	M	09/21/2018	1	DDC		Y BU-61581S2-140		590
5962-9306508HXC	M	09/21/2018	1	DDC		Y BU-61581S2-130		590
5962-9306508HXC	M	09/21/2018	1	DDC		Y BU-61581S2-110		590
5962-9306508HYA	M	09/21/2018	1	DDC		Y BU-61581V2-150		590
5962-9306508HYA	M	09/21/2018	1	DDC		Y BU-61581V2-140		590
5962-9306508HXC	M	09/21/2018	1	DDC		Y BU-61581V2-130		590
5962-9306508HXC	M	09/21/2018	1	DDC		Y BU-61581V2-110		590
5962-9306508HXC	M	09/21/2018	1	DDC		Y BU-61581J2-110		590
5962-9306508HXC	M	09/21/2018	1	DDC		Y BU-61581J2-130		590
5962-9306509HXA	M	09/21/2018		(NONE)		BU-65170 (GEN)		590
5962-9306509HYA	M	09/21/2018		(NONE)		BU-65170 (GEN)		590

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5962-9306510HXA	M	09/21/2018		(NONE)			BU-65170 (GEN)	590
5962-9306510HYA	M	09/21/2018		(NONE)			BU-65170 (GEN)	590
5962-9306511HXA	M	09/21/2018		(NONE)			BU-61580 (GEN)	590
5962-9306511HYA	M	09/21/2018		(NONE)			BU-61580 (GEN)	590
5962-9306512HXA	M	09/21/2018		(NONE)			BU-61580 (GEN)	590
5962-9306512HYA	M	09/21/2018		(NONE)			BU-61580 (GEN)	590
5962-9306513HXA	M	09/21/2018		(NONE)			BU-65171 (GEN)	590
5962-9306513HYA	M	09/21/2018		(NONE)			BU-61581 (GEN)	590
5962-9306514HXA	M	09/21/2018		(NONE)			BU-61581 (GEN)	590
5962-9306514HYA	M	09/21/2018		(NONE)			BU-61581 (GEN)	590
5962-9306515HXA	M	09/21/2018		(NONE)			BU-61581 (GEN)	590
5962-9306515HYA	M	09/21/2018		(NONE)			BU-61581 (GEN)	590
5962-9306516HXA	M	09/21/2018		(NONE)			BU-61581 (GEN)	590
5962-9306516HYA	M	09/21/2018		(NONE)			BU-61581 (GEN)	590
5962-9306517HXA	M	09/21/2018	1	DDC		Y	BU-61585S1-150	590
5962-9306517HXA	M	09/21/2018	1	DDC		Y	BU-61585S1-140	590
5962-9306517HXC	M	09/21/2018	1	DDC		Y	BU-61585S1-110	590
5962-9306517HXC	M	09/21/2018	1	DDC		Y	BU-61585S1-130	590
5962-9306517HYA	M	09/21/2018	1	DDC		Y	BU-61585V1-150	590
5962-9306517HYA	M	09/21/2018	1	DDC		Y	BU-61585V1-140	590
5962-9306517HYC	M	09/21/2018	1	DDC		Y	BU-61585V1-110	590
5962-9306517HYC	M	09/21/2018	1	DDC		Y	BU-61585V1-130	590
5962-9306517HZC	M	09/21/2018		(NONE)			BU-61585 (GEN)	590
5962-9306518HXA	M	09/21/2018	1	DDC		Y	BU-61585S2-150	590
5962-9306518HXA	M	09/21/2018	1	DDC		Y	BU-61585S2-140	590
5962-9306518HXC	M	09/21/2018	1	DDC		Y	BU-61585S2-110	590
5962-9306518HXC	M	09/21/2018	1	DDC		Y	BU-61585S2-130	590
5962-9306518HYA	M	09/21/2018	1	DDC		Y	BU-61585V2-150	590
5962-9306518HYA	M	09/21/2018	1	DDC		Y	BU-61585V2-140	590
5962-9306518HYC	M	09/21/2018	1	DDC		Y	BU-61585V2-130	590
5962-9306518HYC	M	09/21/2018	1	DDC		Y	BU-61585V2-110	590
5962-9306518HZC	M	09/21/2018		(NONE)			BU-61585 (GEN)	590
5962-9306519HNA	M	09/21/2018	1	DDC		Y	BU-61586G1-150	590
5962-9306519HNA	M	09/21/2018	1	DDC		Y	BU-61586G1-140	590
5962-9306519HNC	M	09/21/2018	1	DDC		Y	BU-61586G1-130	590
5962-9306519HNC	M	09/21/2018	1	DDC		Y	BU-61586G1-110	590
5962-9306519HXA	M	09/21/2018	1	DDC		Y	BU-61586S1-150	590
5962-9306519HXA	M	09/21/2018	1	DDC		Y	BU-61586S1-140	590
5962-9306519HXC	M	09/21/2018	1	DDC		Y	BU-61586S1-130	590
5962-9306519HXC	M	09/21/2018	1	DDC		Y	BU-61586S1-110	590
5962-9306519HYA	M	09/21/2018	1	DDC		Y	BU-61586V1-150	590
5962-9306519HYA	M	09/21/2018	1	DDC		Y	BU-61586V1-140	590
5962-9306519HYC	M	09/21/2018	1	DDC		Y	BU-61586V1-130	590
5962-9306519HYC	M	09/21/2018	1	DDC		Y	BU-61586V1-110	590
5962-9306519HZC	M	09/21/2018		(NONE)			BU-61586 (GEN)	590
5962-9306520HNA	M	09/21/2018	1	DDC		Y	BU-61586G2-140	590
5962-9306520HNA	M	09/21/2018	1	DDC		Y	BU-61586G2-150	590
5962-9306520HNC	M	09/21/2018	1	DDC		Y	BU-61586G2-110	590
5962-9306520HNC	M	09/21/2018	1	DDC		Y	BU-61586G2-130	590



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5962-9306520HXA	M	09/21/2018	1	DDC		Y BU-61586S2-150		590
5962-9306520HXA	M	09/21/2018	1	DDC		Y BU-61586S2-140		590
5962-9306520HXC	M	09/21/2018	1	DDC		Y BU-61586S2-130		590
5962-9306520HXC	M	09/21/2018	1	DDC		Y BU-61586S2-110		590
5962-9306520HYA	M	09/21/2018	1	DDC		Y BU-61586V2-150		590
5962-9306520HYA	M	09/21/2018	1	DDC		Y BU-61586V2-140		590
5962-9306520HYC	M	09/21/2018	1	DDC		Y BU-61586V2-130		590
5962-9306520HYC	M	09/21/2018	1	DDC		Y BU-61586V2-110		590
5962-9306520HZC	M	09/21/2018		(NONE)		BU-61585 (GEN)		590
5962-9306521HXA	M	09/21/2018		(NONE)		BU-61585 (GEN)		590
5962-9306521HYA	M	09/21/2018		(NONE)		BU-61585 (GEN)		590
5962-9306522HXA	M	09/21/2018		(NONE)		BU-61586 (GEN)		590
5962-9306522HYA	M	09/21/2018		(NONE)		BU-61586 (GEN)		590
5962-9306523HXA	M	09/21/2018		(NONE)		BU-61586 (GEN)		590
5962-9306523HYA	M	09/21/2018		(NONE)		BU-61586 (GEN)		590
5962-9306524HXA	M	09/21/2018		(NONE)		BU-61588 (GEN)		590
5962-9306524HYA	M	09/21/2018		(NONE)		BU-61588 (GEN)		590
5962-9306525HTA	M	09/21/2018		(NONE)		BU-61588 (GEN)		590
5962-9306525HUA	M	09/21/2018		(NONE)		BU-61588 (GEN)		590
5962-9306525HUC	M	09/21/2018		(NONE)		BU-61588 (GEN)		590
5962-9306526HTA	M	09/21/2018		(NONE)		BU-65178 (GEN)		590
5962-9306526HUA	M	09/21/2018		(NONE)		BU-65178 (GEN)		590
5962-9306527HMA	M	09/21/2018		(NONE)		BU-65179 (GEN)		590
5962-9306527HTA	M	09/21/2018		(NONE)		BU-65179 (GEN)		590
5962-9306527HUA	M	09/21/2018		(NONE)		BU-65179 (GEN)		590
5962-9306528HMA	M	09/21/2018		(NONE)		BU-61688 (GEN)		590
5962-9306528HTA	M	09/21/2018		(NONE)		BU-61688 (GEN)		590
5962-9306528HUA	M	09/21/2018		(NONE)		BU-61688 (GEN)		590
5962-9306529HMA	M	09/21/2018		(NONE)		BU-61689 (GEN)		590
5962-9306529HTA	M	09/21/2018		(NONE)		BU-61689 (GEN)		590
5962-9306529HUA	M	09/21/2018		(NONE)		BU-61689 (GEN)		590
5962-9306530HNA	M	09/21/2018	1	DDC		Y BU-65170DG3-150		590
5962-9306530HNA	M	09/21/2018	1	DDC		Y BU-65170DG3-140		590
5962-9306530HNC	M	09/21/2018	1	DDC		Y BU-65170DG3-130		590
5962-9306530HNC	M	09/21/2018	1	DDC		Y BU-65170DG3-110		590
5962-9306530HXA	M	09/21/2018	1	DDC		Y BU-65170DS3-150		590
5962-9306530HXA	M	09/21/2018	1	DDC		Y BU-65170DS3-140		590
5962-9306530HXC	M	09/21/2018	1	DDC		Y BU-65170DS3-110		590
5962-9306530HXC	M	09/21/2018	1	DDC		Y BU-65170DS3-130		590
5962-9306530HYA	M	09/21/2018	1	DDC		Y BU-65170DV3-150		590
5962-9306530HYA	M	09/21/2018	1	DDC		Y BU-65170DV3-140		590
5962-9306530HYC	M	09/21/2018	1	DDC		Y BU-65170DV3-130		590
5962-9306530HYC	M	09/21/2018	1	DDC		Y BU-65170DV3-110		590
5962-9306531HNA	M	09/21/2018	1	DDC		Y BU-65170DG6-140		590
5962-9306531HNA	M	09/21/2018	1	DDC		Y BU-65170DG6-150		590
5962-9306531HNC	M	09/21/2018	1	DDC		Y BU-65170DG6-110		590
5962-9306531HNC	M	09/21/2018	1	DDC		Y BU-65170DG6-130		590
5962-9306531HXA	M	09/21/2018	1	DDC		Y BU-65170DS6-140		590
5962-9306531HXA	M	09/21/2018	1	DDC		Y BU-65170DS6-150		590

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5962-9306531HXC	M	09/21/2018	1	DDC		Y BU-65170DS6-130		590
5962-9306531HXC	M	09/21/2018	1	DDC		Y BU-65170DS6-110		590
5962-9306531HYA	M	09/21/2018	1	DDC		Y BU-65170DV6-140		590
5962-9306531HYA	M	09/21/2018	1	DDC		Y BU-65170DV6-150		590
5962-9306531HYC	M	09/21/2018	1	DDC		Y BU-65170DV6-110		590
5962-9306531HYC	M	09/21/2018	1	DDC		Y BU-65170DV6-130		590
5962-9306532HNA	M	09/21/2018	1	DDC		Y BU-61580DG3-150		590
5962-9306532HNA	M	09/21/2018	1	DDC		Y BU-61580DG3-140		590
5962-9306532HNC	M	09/21/2018	1	DDC		Y BU-61580DG3-130		590
5962-9306532HNC	M	09/21/2018	1	DDC		Y BU-61580DG3-110		590
5962-9306532HXA	M	09/21/2018	1	DDC		Y BU-61580DS3-150		590
5962-9306532HXA	M	09/21/2018	1	DDC		Y BU-61580DS3-140		590
5962-9306532HXC	M	09/21/2018	1	DDC		Y BU-61580DS3-130		590
5962-9306532HXC	M	09/21/2018	1	DDC		Y BU-61580DS3-110		590
5962-9306532HYA	M	09/21/2018	1	DDC		Y BU-61580DV3-150		590
5962-9306532HYA	M	09/21/2018	1	DDC		Y BU-61580DV3-140		590
5962-9306532HYC	M	09/21/2018	1	DDC		Y BU-61580DV3-110		590
5962-9306532HYC	M	09/21/2018	1	DDC		Y BU-61580DV3-130		590
5962-9306533HNA	M	09/21/2018	1	DDC		Y BU-61580DG6-140		590
5962-9306533HNA	M	09/21/2018	1	DDC		Y BU-61580DG6-150		590
5962-9306533HNC	M	09/21/2018	1	DDC		Y BU-61580DG6-130		590
5962-9306533HNC	M	09/21/2018	1	DDC		Y BU-61580DG6-110		590
5962-9306533HXA	M	09/21/2018	1	DDC		Y BU-61580DS6-150		590
5962-9306533HXA	M	09/21/2018	1	DDC		Y BU-61580DS6-140		590
5962-9306533HXC	M	09/21/2018	1	DDC		Y BU-61580DS6-110		590
5962-9306533HXC	M	09/21/2018	1	DDC		Y BU-61580DS6-130		590
5962-9306533HYA	M	09/21/2018	1	DDC		Y BU-61580DV6-150		590
5962-9306533HYA	M	09/21/2018	1	DDC		Y BU-61580DV6-140		590
5962-9306533HYC	M	09/21/2018	1	DDC		Y BU-61580DV6-110		590
5962-9306533HYC	M	09/21/2018	1	DDC		Y BU-61580DV6-130		590
5962-9306534HNA	M	09/21/2018	1	DDC		Y BU-65171DG3-150		590
5962-9306534HNA	M	09/21/2018	1	DDC		Y BU-65171DG3-140		590
5962-9306534HNC	M	09/21/2018	1	DDC		Y BU-65171DG3-130		590
5962-9306534HNC	M	09/21/2018	1	DDC		Y BU-65171DG3-110		590
5962-9306534HXA	M	09/21/2018	1	DDC		Y BU-65171DS3-150		590
5962-9306534HXA	M	09/21/2018	1	DDC		Y BU-65171DS3-140		590
5962-9306534HXC	M	09/21/2018	1	DDC		Y BU-65171DS3-130		590
5962-9306534HXC	M	09/21/2018	1	DDC		Y BU-65171DS3-110		590
5962-9306534HYA	M	09/21/2018	1	DDC		Y BU-65171DV3-140		590
5962-9306534HYA	M	09/21/2018	1	DDC		Y BU-65171DV3-150		590
5962-9306534HYC	M	09/21/2018	1	DDC		Y BU-65171DV3-130		590
5962-9306534HYC	M	09/21/2018	1	DDC		Y BU-65171DV3-110		590
5962-9306535HNA	M	09/21/2018	1	DDC		Y BU-65171DG6-150		590
5962-9306535HNA	M	09/21/2018	1	DDC		Y BU-65171DG6-140		590
5962-9306535HNC	M	09/21/2018	1	DDC		Y BU-65171DG6-130		590
5962-9306535HNC	M	09/21/2018	1	DDC		Y BU-65171DG6-110		590
5962-9306535HXA	M	09/21/2018	1	DDC		Y BU-65171DS6-140		590
5962-9306535HXA	M	09/21/2018	1	DDC		Y BU-65171DS6-150		590
5962-9306535HXC	M	09/21/2018	1	DDC		Y BU-65171DS6-110		590

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9306535HXC	M	09/21/2018	1	DDC		Y BU-65171DS6-130		590
5962-9306535HYA	M	09/21/2018	1	DDC		Y BU-65171DV6-140		590
5962-9306535HYA	M	09/21/2018	1	DDC		Y BU-65171DV6-150		590
5962-9306535HYC	M	09/21/2018	1	DDC		Y BU-65171DV6-110		590
5962-9306535HYC	M	09/21/2018	1	DDC		Y BU-65171DV6-130		590
5962-9306536HNA	M	09/21/2018	1	DDC		Y BU-61581DG3-140		590
5962-9306536HNA	M	09/21/2018	1	DDC		Y BU-61581DG3-150		590
5962-9306536HNC	M	09/21/2018	1	DDC		Y BU-61581DG3-130		590
5962-9306536HNC	M	09/21/2018	1	DDC		Y BU-61581DG3-110		590
5962-9306536HXA	M	09/21/2018	1	DDC		Y BU-61581DS3-150		590
5962-9306536HXA	M	09/21/2018	1	DDC		Y BU-61581DS3-140		590
5962-9306536HXC	M	09/21/2018	1	DDC		Y BU-61581DS3-110		590
5962-9306536HXC	M	09/21/2018	1	DDC		Y BU-61581DS3-130		590
5962-9306536HYA	M	09/21/2018	1	DDC		Y BU-61581DV3-150		590
5962-9306536HYA	M	09/21/2018	1	DDC		Y BU-61581DV3-140		590
5962-9306536HYC	M	09/21/2018	1	DDC		Y BU-61581DV3-130		590
5962-9306536HYC	M	09/21/2018	1	DDC		Y BU-61581DV3-110		590
5962-9306537HNA	M	09/21/2018	1	DDC		Y BU-61581DG6-150		590
5962-9306537HNA	M	09/21/2018	1	DDC		Y BU-61581DG6-140		590
5962-9306537HNC	M	09/21/2018	1	DDC		Y BU-61581DG6-130		590
5962-9306537HNC	M	09/21/2018	1	DDC		Y BU-61581DG6-110		590
5962-9306537HXA	M	09/21/2018	1	DDC		Y BU-61581DS6-140		590
5962-9306537HXA	M	09/21/2018	1	DDC		Y BU-61581DS6-150		590
5962-9306537HXC	M	09/21/2018	1	DDC		Y BU-61581DS6-130		590
5962-9306537HXC	M	09/21/2018	1	DDC		Y BU-61581DS6-110		590
5962-9306537HYA	M	09/21/2018	1	DDC		Y BU-61581DV6-150		590
5962-9306537HYA	M	09/21/2018	1	DDC		Y BU-61581DV6-140		590
5962-9306537HYC	M	09/21/2018	1	DDC		Y BU-61581DV6-130		590
5962-9306537HYC	M	09/21/2018	1	DDC		Y BU-61581DV6-110		590
5962-9306538HNA	M	09/21/2018	1	DDC		Y BU-61585DG3-150		590
5962-9306538HNA	M	09/21/2018	1	DDC		Y BU-61585DG3-140		590
5962-9306538HNC	M	09/21/2018	1	DDC		Y BU-61585DG3-130		590
5962-9306538HNC	M	09/21/2018	1	DDC		Y BU-61585DG3-110		590
5962-9306538HXA	M	09/21/2018	1	DDC		Y BU-61585DS3-150		590
5962-9306538HXA	M	09/21/2018	1	DDC		Y BU-61585DS3-140		590
5962-9306538HXC	M	09/21/2018	1	DDC		Y BU-61585DS3-130		590
5962-9306538HXC	M	09/21/2018	1	DDC		Y BU-61585DS3-110		590
5962-9306538HYA	M	09/21/2018	1	DDC		Y BU-61585DV3-140		590
5962-9306538HYA	M	09/21/2018	1	DDC		Y BU-61585DV3-150		590
5962-9306538HYC	M	09/21/2018	1	DDC		Y BU-61585DV3-110		590
5962-9306538HYC	M	09/21/2018	1	DDC		Y BU-61585DV3-130		590
5962-9306539HNA	M	09/21/2018	1	DDC		Y BU-61585DG6-140		590
5962-9306539HNA	M	09/21/2018	1	DDC		Y BU-61585DG6-150		590
5962-9306539HNC	M	09/21/2018	1	DDC		Y BU-61585DG6-130		590
5962-9306539HNC	M	09/21/2018	1	DDC		Y BU-61585DG6-110		590
5962-9306539HXA	M	09/21/2018	1	DDC		Y BU-61585DS6-140		590
5962-9306539HXA	M	09/21/2018	1	DDC		Y BU-61585DS6-150		590
5962-9306539HXC	M	09/21/2018	1	DDC		Y BU-61585DS6-130		590
5962-9306539HXC	M	09/21/2018	1	DDC		Y BU-61585DS6-110		590

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5962-9306539HYA	M	09/21/2018	1	DDC		Y BU-61585DV6-140		590
5962-9306539HYA	M	09/21/2018	1	DDC		Y BU-61585DV6-150		590
5962-9306539HYC	M	09/21/2018	1	DDC		Y BU-61585DV6-110		590
5962-9306539HYC	M	09/21/2018	1	DDC		Y BU-61585DV6-130		590
5962-9306540HNA	M	09/21/2018	1	DDC		Y BU-61586DG3-150		590
5962-9306540HNA	M	09/21/2018	1	DDC		Y BU-61586DG3-140		590
5962-9306540HNC	M	09/21/2018	1	DDC		Y BU-61586DG3-110		590
5962-9306540HNC	M	09/21/2018	1	DDC		Y BU-61586DG3-130		590
5962-9306540HXA	M	09/21/2018	1	DDC		Y BU-61586DS3-150		590
5962-9306540HXA	M	09/21/2018	1	DDC		Y BU-61586DS3-140		590
5962-9306540HXC	M	09/21/2018	1	DDC		Y BU-61586DS3-130		590
5962-9306540HXC	M	09/21/2018	1	DDC		Y BU-61586DS3-110		590
5962-9306540HYA	M	09/21/2018	1	DDC		Y BU-61586DV3-150		590
5962-9306540HYA	M	09/21/2018	1	DDC		Y BU-61586DV3-140		590
5962-9306540HYC	M	09/21/2018	1	DDC		Y BU-61586DV3-110		590
5962-9306540HYC	M	09/21/2018	1	DDC		Y BU-61586DV3-130		590
5962-9306541HNA	M	09/21/2018	1	DDC		Y BU-61586DG6-140		590
5962-9306541HNA	M	09/21/2018	1	DDC		Y BU-61586DG6-150		590
5962-9306541HNC	M	09/21/2018	1	DDC		Y BU-61586DG6-130		590
5962-9306541HNC	M	09/21/2018	1	DDC		Y BU-61586DG6-110		590
5962-9306541HXA	M	09/21/2018	1	DDC		Y BU-61586DS6-150		590
5962-9306541HXA	M	09/21/2018	1	DDC		Y BU-61586DS6-140		590
5962-9306541HXC	M	09/21/2018	1	DDC		Y BU-61586DS6-110		590
5962-9306541HXC	M	09/21/2018	1	DDC		Y BU-61586DS6-130		590
5962-9306541HYA	M	09/21/2018	1	DDC		Y BU-61586DV6-150		590
5962-9306541HYA	M	09/21/2018	1	DDC		Y BU-61586DV6-140		590
5962-9306541HYC	M	09/21/2018	1	DDC		Y BU-61586DV6-110		590
5962-9306541HYC	M	09/21/2018	1	DDC		Y BU-61586DV6-130		590
5962-9306542HMA	M	09/21/2018	1	DDC		Y BU-61588CG3-150		590
5962-9306542HMA	M	09/21/2018	1	DDC		Y BU-61588CG3-140		590
5962-9306542HMC	M	09/21/2018	1	DDC		Y BU-61588CG3-110		590
5962-9306542HMC	M	09/21/2018	1	DDC		Y BU-61588CG3-130		590
5962-9306542HTA	M	09/21/2018	1	DDC		Y BU-61588CF3-140		590
5962-9306542HTA	M	09/21/2018	1	DDC		Y BU-61588CF3-150		590
5962-9306542HTC	M	09/21/2018	1	DDC		Y BU-61588CF3-130		590
5962-9306542HTC	M	09/21/2018	1	DDC		Y BU-61588CF3-110		590
5962-9306542HUA	M	09/21/2018	1	DDC		Y BU-61588CP3-150		590
5962-9306542HUA	M	09/21/2018	1	DDC		Y BU-61588CP3-140		590
5962-9306542HUC	M	09/21/2018	1	DDC		Y BU-61588CP3-130		590
5962-9306542HUC	M	09/21/2018	1	DDC		Y BU-61588CP3-110		590
5962-9306543HMA	M	09/21/2018	1	DDC		Y BU-65178CG3-150		590
5962-9306543HMA	M	09/21/2018	1	DDC		Y BU-65178CG3-140		590
5962-9306543HMC	M	09/21/2018	1	DDC		Y BU-65178CG3-130		590
5962-9306543HMC	M	09/21/2018	1	DDC		Y BU-65178CG3-110		590
5962-9306543HTA	M	09/21/2018	1	DDC		Y BU-65178CF3-150		590
5962-9306543HTA	M	09/21/2018	1	DDC		Y BU-65178CF3-140		590
5962-9306543HTC	M	09/21/2018	1	DDC		Y BU-65178CF3-130		590
5962-9306543HTC	M	09/21/2018	1	DDC		Y BU-65178CF3-110		590
5962-9306543HUA	M	09/21/2018	1	DDC		Y BU-65178CP3-150		590

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9306543HUA	M	09/21/2018	1	DDC		Y BU-65178CP3-140		590
5962-9306543HUC	M	09/21/2018	1	DDC		Y BU-65178CP3-130		590
5962-9306543HUC	M	09/21/2018	1	DDC		Y BU-65178CP3-110		590
5962-9306544HMA	M	09/21/2018	1	DDC		Y BU-65179CG3-140		590
5962-9306544HMA	M	09/21/2018	1	DDC		Y BU-65179CG3-150		590
5962-9306544HMC	M	09/21/2018	1	DDC		Y BU-65179CG3-130		590
5962-9306544HMC	M	09/21/2018	1	DDC		Y BU-65179CG3-110		590
5962-9306544HTA	M	09/21/2018	1	DDC		Y BU-65179CF3-150		590
5962-9306544HTA	M	09/21/2018	1	DDC		Y BU-65179CF3-140		590
5962-9306544HTC	M	09/21/2018	1	DDC		Y BU-65179CF3-110		590
5962-9306544HTC	M	09/21/2018	1	DDC		Y BU-65179CF3-130		590
5962-9306544HUA	M	09/21/2018	1	DDC		Y BU-65179CP3-140		590
5962-9306544HUA	M	09/21/2018	1	DDC		Y BU-65179CP3-150		590
5962-9306544HUC	M	09/21/2018	1	DDC		Y BU-65179CP3-110		590
5962-9306544HUC	M	09/21/2018	1	DDC		Y BU-65179CP3-130		590
5962-9306545HMA	M	09/21/2018	1	DDC		Y BU-61688CG3-140		590
5962-9306545HMA	M	09/21/2018	1	DDC		Y BU-61688CG3-150		590
5962-9306545HMC	M	09/21/2018	1	DDC		Y BU-61688CG3-130		590
5962-9306545HMC	M	09/21/2018	1	DDC		Y BU-61688CG3-110		590
5962-9306545HTA	M	09/21/2018	1	DDC		Y BU-61688CF3-150		590
5962-9306545HTA	M	09/21/2018	1	DDC		Y BU-61688CF3-140		590
5962-9306545HTC	M	09/21/2018	1	DDC		Y BU-61688CF3-130		590
5962-9306545HTC	M	09/21/2018	1	DDC		Y BU-61688CF3-110		590
5962-9306545HUA	M	09/21/2018	1	DDC		Y BU-61688CP3-150		590
5962-9306545HUA	M	09/21/2018	1	DDC		Y BU-61688CP3-140		590
5962-9306545HUC	M	09/21/2018	1	DDC		Y BU-61688CP3-110		590
5962-9306545HUC	M	09/21/2018	1	DDC		Y BU-61688CP3-130		590
5962-9306546HMA	M	09/21/2018	1	DDC		Y BU-61689CG3-150		590
5962-9306546HMA	M	09/21/2018	1	DDC		Y BU-61689CG3-140		590
5962-9306546HMC	M	09/21/2018	1	DDC		Y BU-61689CG3-130		590
5962-9306546HMC	M	09/21/2018	1	DDC		Y BU-61689CG3-110		590
5962-9306546HTA	M	09/21/2018	1	DDC		Y BU-61689CF3-150		590
5962-9306546HTA	M	09/21/2018	1	DDC		Y BU-61689CF3-140		590
5962-9306546HTC	M	09/21/2018	1	DDC		Y BU-61689CF3-130		590
5962-9306546HTC	M	09/21/2018	1	DDC		Y BU-61689CF3-110		590
5962-9306546HUA	M	09/21/2018	1	DDC		Y BU-61689CP3-140		590
5962-9306546HUA	M	09/21/2018	1	DDC		Y BU-61689CP3-150		590
5962-9306546HUC	M	09/21/2018	1	DDC		Y BU-61689CP3-110		590
5962-9306546HUC	M	09/21/2018	1	DDC		Y BU-61689CP3-130		590
5962-9306801HXA	H	05/21/2015	1	CRANE		Y MTR2805S/883		594
5962-9306801HXC	H	05/21/2015	1	CRANE		Y MTR2805S/883		594
5962-9306801HZA	H	05/21/2015	1	CRANE		Y MTR2805SF/883		594
5962-9306801HZC	H	05/21/2015	1	CRANE		Y MTR2805SF/883		594
5962-9306802HXA	H	05/21/2015		(NONE)		SMTR2805 (GEN)		594
5962L9306802HXA	H	05/21/2015	2	CRANE		Y SMTR2805S/HL		594
5962L9306802HXC	H	05/21/2015	2	CRANE		Y SMTR2805S/HL		594
5962L9306802KXA	H	05/21/2015	2	CRANE		Y SMTR2805S/KL		594
5962L9306802KXC	H	05/21/2015	2	CRANE		Y SMTR2805S/KL		594
5962P9306802HXA	H	05/21/2015	2	CRANE		Y SMTR2805S/HP		594

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962P9306802HXC	H	05/21/2015	2	CRANE		Y SMTR2805S/HP		594
5962P9306802KXA	H	05/21/2015	2	CRANE		Y SMTR2805S/KP		594
5962P9306802KXC	H	05/21/2015	2	CRANE		Y SMTR2805S/KP		594
5962R9306802HXA	H	05/21/2015	2	CRANE		Y SMTR2805S/HR		594
5962R9306802HXC	H	05/21/2015	2	CRANE		Y SMTR2805S/HR		594
5962R9306802KXA	H	05/21/2015	2	CRANE		Y SMTR2805S/KR		594
5962R9306802KXC	H	05/21/2015	2	CRANE		Y SMTR2805S/KR		594
5962-9306802HZA	H	05/21/2015		(NONE)		SMTR2805 (GEN)		594
5962L9306802HZA	H	05/21/2015	2	CRANE		Y SMTR2805SF/HL		594
5962L9306802HXC	H	05/21/2015	2	CRANE		Y SMTR2805SF/HL		594
5962L9306802KZA	H	05/21/2015	2	CRANE		Y SMTR2805SF/KL		594
5962L9306802KXC	H	05/21/2015	2	CRANE		Y SMTR2805SF/KL		594
5962P9306802HZA	H	05/21/2015	2	CRANE		Y SMTR2805SF/HP		594
5962P9306802HXC	H	05/21/2015	2	CRANE		Y SMTR2805SF/HP		594
5962P9306802KZA	H	05/21/2015	2	CRANE		Y SMTR2805SF/KP		594
5962P9306802KXC	H	05/21/2015	2	CRANE		Y SMTR2805SF/KP		594
5962R9306802HZA	H	05/21/2015	2	CRANE		Y SMTR2805SF/HR		594
5962R9306802HXC	H	05/21/2015	2	CRANE		Y SMTR2805SF/HR		594
5962R9306802KZA	H	05/21/2015	2	CRANE		Y SMTR2805SF/KR		594
5962R9306802KXC	H	05/21/2015	2	CRANE		Y SMTR2805SF/KR		594
5962-9306803HXA	H	05/21/2015	3B	CRANE		Y MTR2805S/883		594
5962-9306803HXC	H	05/21/2015	3B	CRANE		Y MTR2805S/883		594
5962-9306803HZA	H	05/21/2015	3B	CRANE		Y MTR2805SF/883		594
5962-9306803HXC	H	05/21/2015	3B	CRANE		Y MTR2805SF/883		594
5962-9306901HXA	K	04/18/2017	1	CRANE		Y MTR2812S/883		594
5962-9306901HXC	K	04/18/2017	1	CRANE		Y MTR2812S/883		594
5962-9306901HZA	K	04/18/2017	1	CRANE		Y MTR2812SF/883		594
5962-9306901HXC	K	04/18/2017	1	CRANE		Y MTR2812SF/883		594
5962-9306902HXA	K	04/18/2017		(NONE)		SMTR2812 (GEN)		594
5962L9306902HXA	K	04/18/2017	2	CRANE		Y SMTR2812S/HL		594
5962L9306902HXC	K	04/18/2017	2	CRANE		Y SMTR2812S/HL		594
5962L9306902KXA	K	04/18/2017	2	CRANE		Y SMTR2812S/KL		594
5962L9306902KXC	K	04/18/2017	2	CRANE		Y SMTR2812S/KL		594
5962P9306902HXA	K	04/18/2017	2	CRANE		Y SMTR2812S/HP		594
5962P9306902HXC	K	04/18/2017	2	CRANE		Y SMTR2812S/HP		594
5962P9306902KXA	K	04/18/2017	2	CRANE		Y SMTR2812S/KP		594
5962P9306902KXC	K	04/18/2017	2	CRANE		Y SMTR2812S/KP		594
5962R9306902HXA	K	04/18/2017	2	CRANE		Y SMTR2812S/HR		594
5962R9306902HXC	K	04/18/2017	2	CRANE		Y SMTR2812S/HR		594
5962R9306902KXA	K	04/18/2017	2	CRANE		Y SMTR2812S/KR		594
5962R9306902KXC	K	04/18/2017	2	CRANE		Y SMTR2812S/KR		594
5962-9306902HZA	K	04/18/2017		(NONE)		SMTR2812 (GEN)		594
5962L9306902HZA	K	04/18/2017	2	CRANE		Y SMTR2812SF/HL		594
5962L9306902HXC	K	04/18/2017	2	CRANE		Y SMTR2812SF/HL		594
5962L9306902KZA	K	04/18/2017	2	CRANE		Y SMTR2812SF/KL		594
5962L9306902KXC	K	04/18/2017	2	CRANE		Y SMTR2812SF/KL		594
5962P9306902HZA	K	04/18/2017	2	CRANE		Y SMTR2812SF/HP		594
5962P9306902HXC	K	04/18/2017	2	CRANE		Y SMTR2812SF/HP		594
5962P9306902KZA	K	04/18/2017	2	CRANE		Y SMTR2812SF/KP		594



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5962P9306902KZC	K	04/18/2017	2	CRANE		Y SMTR2812SF/KP		594
5962R9306902HZA	K	04/18/2017	2	CRANE		Y SMTR2812SF/HR		594
5962R9306902HZA	K	04/18/2017	2	CRANE		Y SMTR2812SF/HR		594
5962R9306902KZA	K	04/18/2017	2	CRANE		Y SMTR2812SF/KR		594
5962R9306902KZC	K	04/18/2017	2	CRANE		Y SMTR2812SF/KR		594
5962-9306903HXA	K	04/18/2017	3B	CRANE		Y MTR2812S/883		594
5962-9306903HXC	K	04/18/2017	3B	CRANE		Y MTR2812S/883		594
5962-9306903HZA	K	04/18/2017	3B	CRANE		Y MTR2812SF/883		594
5962-9306903HZA	K	04/18/2017	3B	CRANE		Y MTR2812SF/883		594
5962-9307001HXA	H	04/12/2017	1	CRANE		Y MTR2815S/883		594
5962-9307001HXC	H	04/12/2017	1	CRANE		Y MTR2815S/883		594
5962-9307001HZA	H	04/12/2017	1	CRANE		Y MTR2815SF/883		594
5962-9307001HZA	H	04/12/2017	1	CRANE		Y MTR2815SF/883		594
5962-9307002HXA	H	04/12/2017		(NONE)		SMTR2815 (GEN)		594
5962L9307002HXA	H	04/12/2017	2	CRANE		Y SMTR2815S/HL		594
5962L9307002HXC	H	04/12/2017	2	CRANE		Y SMTR2815S/HL		594
5962L9307002KXA	H	04/12/2017	2	CRANE		Y SMTR2815S/KL		594
5962L9307002KXC	H	04/12/2017	2	CRANE		Y SMTR2815S/KL		594
5962P9307002HXA	H	04/12/2017	2	CRANE		Y SMTR2815S/HP		594
5962P9307002HXC	H	04/12/2017	2	CRANE		Y SMTR2815S/HP		594
5962P9307002KXA	H	04/12/2017	2	CRANE		Y SMTR2815S/KP		594
5962P9307002KXC	H	04/12/2017	2	CRANE		Y SMTR2815S/KP		594
5962R9307002HXA	H	04/12/2017	2	CRANE		Y SMTR2815S/HR		594
5962R9307002HXC	H	04/12/2017	2	CRANE		Y SMTR2815S/HR		594
5962R9307002KXA	H	04/12/2017	2	CRANE		Y SMTR2815S/KR		594
5962R9307002KXC	H	04/12/2017	2	CRANE		Y SMTR2815S/KR		594
5962-9307002HZA	H	04/12/2017		(NONE)		SMTR2815 (GEN)		594
5962L9307002HZA	H	04/12/2017	2	CRANE		Y SMTR2815SF/HL		594
5962L9307002HZA	H	04/12/2017	2	CRANE		Y SMTR2815SF/HL		594
5962L9307002KZA	H	04/12/2017	2	CRANE		Y SMTR2815SF/KL		594
5962L9307002KZC	H	04/12/2017	2	CRANE		Y SMTR2815SF/KL		594
5962P9307002HZA	H	04/12/2017	2	CRANE		Y SMTR2815SF/HP		594
5962P9307002HZA	H	04/12/2017	2	CRANE		Y SMTR2815SF/HP		594
5962P9307002KZA	H	04/12/2017	2	CRANE		Y SMTR2815SF/KP		594
5962P9307002KZC	H	04/12/2017	2	CRANE		Y SMTR2815SF/KP		594
5962R9307002HZA	H	04/12/2017	2	CRANE		Y SMTR2815SF/HR		594
5962R9307002HZA	H	04/12/2017	2	CRANE		Y SMTR2815SF/HR		594
5962R9307002KZA	H	04/12/2017	2	CRANE		Y SMTR2815SF/KR		594
5962R9307002KZC	H	04/12/2017	2	CRANE		Y SMTR2815SF/KR		594
5962-9307003HXA	H	04/12/2017	3B	CRANE		Y MTR2815S/883		594
5962-9307003HXC	H	04/12/2017	3B	CRANE		Y MTR2815S/883		594
5962-9307003HZA	H	04/12/2017	3B	CRANE		Y MTR2815SF/883		594
5962-9307003HZA	H	04/12/2017	3B	CRANE		Y MTR2815SF/883		594
5962-9307101HXA	F	06/08/2015	1C	CRANE		Y MTR2812D/883		594
5962-9307101HXC	F	06/08/2015	1C	CRANE		Y MTR2812D/883		594
5962-9307101HZA	F	06/08/2015	1C	CRANE		Y MTR2812DF/883		594
5962-9307101HZA	F	06/08/2015	1C	CRANE		Y MTR2812DF/883		594
5962-9307102HXA	F	06/08/2015		(NONE)		SMTR2812 (GEN)		594
5962L9307102HXA	F	06/08/2015	2	CRANE		Y SMTR2812D/HL		594

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5962L9307102HXC	F	06/08/2015	2	CRANE		Y SMTR2812D/HL		594
5962L9307102KXA	F	06/08/2015	2	CRANE		Y SMTR2812D/KL		594
5962L9307102KXC	F	06/08/2015	2	CRANE		Y SMTR2812D/KL		594
5962P9307102HXA	F	06/08/2015	2	CRANE		Y SMTR2812D/HP		594
5962P9307102HXC	F	06/08/2015	2	CRANE		Y SMTR2812D/HP		594
5962P9307102KXA	F	06/08/2015	2	CRANE		Y SMTR2812D/KP		594
5962P9307102KXC	F	06/08/2015	2	CRANE		Y SMTR2812D/KP		594
5962R9307102HXA	F	06/08/2015	2	CRANE		Y SMTR2812D/HR		594
5962R9307102HXC	F	06/08/2015	2	CRANE		Y SMTR2812D/HR		594
5962R9307102KXA	F	06/08/2015	2	CRANE		Y SMTR2812D/KR		594
5962R9307102KXC	F	06/08/2015	2	CRANE		Y SMTR2812D/KR		594
5962-9307102HZA	F	06/08/2015		(NONE)		SMTR2812 (GEN)		594
5962L9307102HZA	F	06/08/2015	2	CRANE		Y SMTR2812DF/HL		594
5962L9307102HXC	F	06/08/2015	2	CRANE		Y SMTR2812DF/HL		594
5962L9307102KZA	F	06/08/2015	2	CRANE		Y SMTR2812DF/KL		594
5962L9307102KXC	F	06/08/2015	2	CRANE		Y SMTR2812DF/KL		594
5962P9307102HZA	F	06/08/2015	2	CRANE		Y SMTR2812DF/HP		594
5962P9307102HXC	F	06/08/2015	2	CRANE		Y SMTR2812DF/HP		594
5962P9307102KZA	F	06/08/2015	2	CRANE		Y SMTR2812DF/KP		594
5962P9307102KXC	F	06/08/2015	2	CRANE		Y SMTR2812DF/KP		594
5962R9307102HZA	F	06/08/2015	2	CRANE		Y SMTR2812DF/HR		594
5962R9307102HXC	F	06/08/2015	2	CRANE		Y SMTR2812DF/HR		594
5962R9307102KZA	F	06/08/2015	2	CRANE		Y SMTR2812DF/KR		594
5962R9307102KXC	F	06/08/2015	2	CRANE		Y SMTR2812DF/KR		594
5962-9307103HXA	F	06/08/2015	3B	CRANE		Y MTR2812D/883		594
5962-9307103HXC	F	06/08/2015	3B	CRANE		Y MTR2812D/883		594
5962-9307103HZA	F	06/08/2015	3B	CRANE		Y MTR2812DF/883		594
5962-9307103HXC	F	06/08/2015	3B	CRANE		Y MTR2812DF/883		594
5962-9307201HXA	H	06/25/2015	1C	CRANE		Y MTR2815D/883		594
5962-9307201HXC	H	06/25/2015	1C	CRANE		Y MTR2815D/883		594
5962-9307201HZA	H	06/25/2015	1C	CRANE		Y MTR2815DF/883		594
5962-9307201HXC	H	06/25/2015	1C	CRANE		Y MTR2815DF/883		594
5962-9307202HXA	H	06/25/2015		(NONE)		SMTR2815 (GEN)		594
5962L9307202HXA	H	06/25/2015	2	CRANE		Y SMTR2815D/HL		594
5962L9307202HXC	H	06/25/2015	2	CRANE		Y SMTR2815D/HL		594
5962L9307202KXA	H	06/25/2015	2	CRANE		Y SMTR2815D/KL		594
5962L9307202KXC	H	06/25/2015	2	CRANE		Y SMTR2815D/KL		594
5962P9307202HXA	H	06/25/2015	2	CRANE		Y SMTR2815D/HP		594
5962P9307202HXC	H	06/25/2015	2	CRANE		Y SMTR2815D/HP		594
5962P9307202KXA	H	06/25/2015	2	CRANE		Y SMTR2815D/KP		594
5962P9307202KXC	H	06/25/2015	2	CRANE		Y SMTR2815D/KP		594
5962R9307202HXA	H	06/25/2015	2	CRANE		Y SMTR2815D/HR		594
5962R9307202HXC	H	06/25/2015	2	CRANE		Y SMTR2815D/HR		594
5962R9307202KXA	H	06/25/2015	2	CRANE		Y SMTR2815D/KR		594
5962R9307202KXC	H	06/25/2015	2	CRANE		Y SMTR2815D/KR		594
5962-9307202HZA	H	06/25/2015		(NONE)		SMTR2815 (GEN)		594
5962L9307202HZA	H	06/25/2015	2	CRANE		Y SMTR2815DF/HL		594
5962L9307202HXC	H	06/25/2015	2	CRANE		Y SMTR2815DF/HL		594
5962L9307202KZA	H	06/25/2015	2	CRANE		Y SMTR2815DF/KL		594

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5962L9307202KZC	H	06/25/2015	2	CRANE		Y SMTR2815DF/KL		594
5962P9307202HZA	H	06/25/2015	2	CRANE		Y SMTR2815DF/HP		594
5962P9307202HZA	H	06/25/2015	2	CRANE		Y SMTR2815DF/HP		594
5962P9307202KZA	H	06/25/2015	2	CRANE		Y SMTR2815DF/KP		594
5962P9307202KZC	H	06/25/2015	2	CRANE		Y SMTR2815DF/KP		594
5962R9307202HZA	H	06/25/2015	2	CRANE		Y SMTR2815DF/HR		594
5962R9307202HZA	H	06/25/2015	2	CRANE		Y SMTR2815DF/HR		594
5962R9307202KZA	H	06/25/2015	2	CRANE		Y SMTR2815DF/KR		594
5962R9307202KZC	H	06/25/2015	2	CRANE		Y SMTR2815DF/KR		594
5962-9307203HXA	H	06/25/2015	3B	CRANE		Y MTR2815D/883		594
5962-9307203HXC	H	06/25/2015	3B	CRANE		Y MTR2815D/883		594
5962-9307203HZA	H	06/25/2015	3B	CRANE		Y MTR2815DF/883		594
5962-9307203HZA	H	06/25/2015	3B	CRANE		Y MTR2815DF/883		594
5962-9307301HXA	F	04/10/2012	1	CRANE		Y MTR28512T/883		594
5962-9307301HXC	F	04/10/2012	1	CRANE		Y MTR28512T/883		594
5962-9307301HZA	F	04/10/2012	1	CRANE		Y MTR28512TF/883		594
5962-9307301HZA	F	04/10/2012	1	CRANE		Y MTR28512TF/883		594
5962-9307301HXC	J	09/17/2015	1	CRANE		Y MTR28515T/883		594
5962-9307301HXC	J	09/17/2015	1	CRANE		Y MTR28515T/883		594
5962-9307401HZA	J	09/17/2015	1	CRANE		Y MTR28515TF/883		594
5962-9307401HZA	J	09/17/2015	1	CRANE		Y MTR28515TF/883		594
5962-9307402HXA	J	09/17/2015		(NONE)		SMTR28515 (GEN)		594
5962D9307402HXA	J	09/17/2015		(NONE)		SMTR28515T (GEN)		594
5962D9307402KXA	J	09/17/2015		(NONE)		SMTR28515T (GEN)		594
5962L9307402HXA	J	09/17/2015		(NONE)		SMTR28515 (GEN)		594
5962L9307402KXA	J	09/17/2015		(NONE)		SMTR28515 (GEN)		594
5962P9307402HXA	J	09/17/2015		(NONE)		SMTR28515 (GEN)		594
5962P9307402KXA	J	09/17/2015		(NONE)		SMTR28515 (GEN)		594
5962R9307402HXA	J	09/17/2015		(NONE)		SMTR28515 (GEN)		594
5962R9307402KXA	J	09/17/2015		(NONE)		SMTR28515 (GEN)		594
5962-9307402HZA	J	09/17/2015		(NONE)		SMTR28515 (GEN)		594
5962D9307402HZA	J	09/17/2015		(NONE)		SMTR28515T (GEN)		594
5962D9307402KZA	J	09/17/2015		(NONE)		SMTR28515T (GEN)		594
5962L9307402HZA	J	09/17/2015		(NONE)		SMTR28515 (GEN)		594
5962L9307402KZA	J	09/17/2015		(NONE)		SMTR28515 (GEN)		594
5962P9307402HZA	J	09/17/2015		(NONE)		SMTR28515 (GEN)		594
5962P9307402KZA	J	09/17/2015		(NONE)		SMTR28515 (GEN)		594
5962R9307402HZA	J	09/17/2015		(NONE)		SMTR28515 (GEN)		594
5962R9307402KZA	J	09/17/2015		(NONE)		SMTR28515 (GEN)		594
5962-9308301MCA	A	12/15/2009		(NONE)		OP-09 (GEN)		713
5962-9308501MXC	C	08/15/2017	2	E2V		1032-60LG/883		431
5962-9308601M3A	C	12/22/2014		(NONE)		54ABT2952 (GEN)		590
5962-9308601MKA	C	12/22/2014		(NONE)		54ABT2952 (GEN)		590
5962-9308601MLA	C	12/22/2014		(NONE)		54ABT2952 (GEN)		590
5962-9308602Q3A	C	12/22/2014		(NONE)	11/28/2015	54ABT2952A (GEN)		590
5962-9308602QKA	C	12/22/2014		(NONE)	11/28/2015	54ABT2952A (GEN)		590
5962-9308602QLA	C	12/22/2014	2	TI		Y SNJ54ABT2952AJT		590
5962-9308701MXA	B	11/23/2012		(NONE)	08/04/1995	MACH110-20 (GEN)		431
5962-9308901HXA	J	10/03/2016	1	CRANE		Y MSA2812D/883		594

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5962-9308901HXC	J	10/03/2016	1	CRANE		Y MSA2812D/883		594
5962-9308901HYA	J	10/03/2016	1	CRANE		Y MGA2812D/883		594
5962-9308901HYC	J	10/03/2016	1	CRANE		Y MGA2812D/883		594
5962-9308901HZA	J	10/03/2016	1	CRANE		Y MGA2812DZ/883		594
5962-9308902HXA	J	10/03/2016		(NONE)		SMSA2812D (GEN)		594
5962L9308902HXA	J	10/03/2016		(NONE)		SMSA2812D (GEN)		594
5962L9308902KXA	J	10/03/2016		(NONE)		SMSA2812D (GEN)		594
5962P9308902HXA	J	10/03/2016	2	CRANE		Y SMSA2812D/HP		594
5962P9308902HXC	J	10/03/2016	2	CRANE		Y SMSA2812D/HP		594
5962P9308902KXA	J	10/03/2016	2	CRANE		Y SMSA2812D/KP		594
5962P9308902KXC	J	10/03/2016	2	CRANE		Y SMSA2812D/KP		594
5962R9308902HXA	J	10/03/2016	2	CRANE		Y SMSA2812D/HR		594
5962R9308902HXC	J	10/03/2016	2	CRANE		Y SMSA2812D/HR		594
5962R9308902KXA	J	10/03/2016	2	CRANE		Y SMSA2812D/KR		594
5962R9308902KXC	J	10/03/2016	2	CRANE		Y SMSA2812D/KR		594
5962L9308903HXA	J	10/03/2016	2	CRANE		Y SMSA2812D/HL		594
5962L9308903HXC	J	10/03/2016	2	CRANE		Y SMSA2812D/HL		594
5962L9308903KXA	J	10/03/2016	2	CRANE		Y SMSA2812D/KL		594
5962L9308903KXC	J	10/03/2016	2	CRANE		Y SMSA2812D/KL		594
5962-9309001HXA	G	10/03/2016	1	CRANE		Y MSA2815D/883		594
5962-9309001HXC	G	10/03/2016	1	CRANE		Y MSA2815D/883		594
5962-9309001HYA	G	10/03/2016	1	CRANE		Y MGA2815D/883		594
5962-9309001HYC	G	10/03/2016	1	CRANE		Y MGA2815D/883		594
5962-9309001HZA	G	10/03/2016	1	CRANE		Y MGA2815DZ883		594
5962-9309002HXA	G	10/03/2016		(NONE)		SMSA2815D (GEN)		594
5962L9309002HXA	G	10/03/2016		(NONE)		SMSA2815D (GEN)		594
5962L9309002KXA	G	10/03/2016		(NONE)		SMSA2815D (GEN)		594
5962P9309002HXA	G	10/03/2016	2	CRANE		Y SMSA2815D/HP		594
5962P9309002HXC	G	10/03/2016	2	CRANE		Y SMSA2815D/HP		594
5962P9309002KXA	G	10/03/2016	2	CRANE		Y SMSA2815D/KP		594
5962P9309002KXC	G	10/03/2016	2	CRANE		Y SMSA2815D/KP		594
5962R9309002HXA	G	10/03/2016	2	CRANE		Y SMSA2815D/HR		594
5962R9309002HXC	G	10/03/2016	2	CRANE		Y SMSA2815D/HR		594
5962R9309002KXA	G	10/03/2016	2	CRANE		Y SMSA2815D/KR		594
5962R9309002KXC	G	10/03/2016	2	CRANE		Y SMSA2815D/KR		594
5962L9309003HXA	G	10/03/2016	2	CRANE		Y SMSA2815D/HL		594
5962L9309003HXC	G	10/03/2016	2	CRANE		Y SMSA2815D/HL		594
5962L9309003KXA	G	10/03/2016	2	CRANE		Y SMSA2815D/KL		594
5962L9309003KXC	G	10/03/2016	2	CRANE		Y SMSA2815D/KL		594
5962-9309101HXA	F	10/23/2018	1	MERCURY		Y WE-512K8-150CQ		669
5962-9309101HXC	F	10/23/2018	1	MERCURY		Y WE-512K8-150CQ		669
5962-9309101HYA	F	10/23/2018	1	MERCURY		Y WE-512K8-150CQ		669
5962-9309101HYC	F	10/23/2018	1	MERCURY		Y WE-512K8-150CQ		669
5962-9309102HXA	F	10/23/2018	1	MERCURY		Y WE-512K8-300CQ		669
5962-9309102HXC	F	10/23/2018	1	MERCURY		Y WE-512K8-300CQ		669
5962-9309102HYA	F	10/23/2018	1	MERCURY		Y WE-512K8-300CQ		669
5962-9309102HYC	F	10/23/2018	1	MERCURY		Y WE-512K8-300CQ		669
5962-9309103HXA	F	10/23/2018	1	MERCURY		Y WE-512K8-250CQ		669
5962-9309103HXC	F	10/23/2018	1	MERCURY		Y WE-512K8-250CQ		669

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9309103HYA	F	10/23/2018	1	MERCURY		Y WE-512K8-250CQ		669
5962-9309103HYC	F	10/23/2018	1	MERCURY		Y WE-512K8-250CQ		669
5962-9309104HXA	F	10/23/2018	1	MERCURY		Y WE-512K8-200CQ		669
5962-9309104HXC	F	10/23/2018	1	MERCURY		Y WE-512K8-200CQ		669
5962-9309104HYA	F	10/23/2018	1	MERCURY		Y WE-512K8-200CQ		669
5962-9309104HYC	F	10/23/2018	1	MERCURY		Y WE-512K8-200CQ		669
5962-9309105HYA	F	10/23/2018	1	MERCURY		Y WE-512K8-200CQ		669
5962-9309105HYC	F	10/23/2018	1	MERCURY		Y WE-512K8-200CQ		669
5962-9309201HXA	K	01/26/2016	1	CRANE		Y MSA2805S/883		594
5962-9309201HXC	K	01/26/2016	1	CRANE		Y MSA2805S/883		594
5962-9309201HYA	K	01/26/2016	1	CRANE		Y MGA2805S/883		594
5962-9309201HYC	K	01/26/2016	1	CRANE		Y MGA2805S/883		594
5962-9309201HZA	K	01/26/2016	1	CRANE		Y MGA2805SZ/883		594
5962-9309202HXA	K	01/26/2016		(NONE)		SMSA2805S (GEN)		594
5962D9309202HXA	K	01/26/2016		(NONE)		SMSA2805S (GEN)		594
5962D9309202KXA	K	01/26/2016		(NONE)		SMSA2805S (GEN)		594
5962L9309202HXA	K	01/26/2016		(NONE)		SMSA2805S (GEN)		594
5962L9309202KXA	K	01/26/2016		(NONE)		SMSA2805S (GEN)		594
5962P9309202HXA	K	01/26/2016	2	CRANE		Y SMSA2805S/HP		594
5962P9309202HXC	K	01/26/2016	2	CRANE		Y SMSA2805S/HP		594
5962P9309202KXA	K	01/26/2016	2	CRANE		Y SMSA2805S/KP		594
5962P9309202KXC	K	01/26/2016	2	CRANE		Y SMSA2805S/KP		594
5962R9309202HXA	K	01/26/2016	2	CRANE		Y SMSA2805S/HR		594
5962R9309202HXC	K	01/26/2016	2	CRANE		Y SMSA2805S/HR		594
5962R9309202KXA	K	01/26/2016	2	CRANE		Y SMSA2805S/KR		594
5962R9309202KXC	K	01/26/2016	2	CRANE		Y SMSA2805S/KR		594
5962P9309202HZA	K	01/26/2016		(NONE)		SMSA2805S (GEN)		594
5962P9309202KZA	K	01/26/2016		(NONE)		SMSA2805S (GEN)		594
5962R9309202HZC	K	01/26/2016		(NONE)		SMSA2805S (GEN)		594
5962R9309202KZC	K	01/26/2016		(NONE)		SMSA2805S (GEN)		594
5962-9309203HUC	K	01/26/2016	1	ANAREN		Y DHC2805SH		594
5962L9309204HXA	K	01/26/2016	2	CRANE		Y SMSA2805S/HL		594
5962L9309204HXC	K	01/26/2016	2	CRANE		Y SMSA2805S/HL		594
5962L9309204KXA	K	01/26/2016	2	CRANE		Y SMSA2805S/KL		594
5962L9309204KXC	K	01/26/2016	2	CRANE		Y SMSA2805S/KL		594
5962P9309204HXA	K	01/26/2016		(NONE)		SMSA2805S (GEN)		594
5962P9309204KXA	K	01/26/2016		(NONE)		SMSA2805S (GEN)		594
5962R9309204HXA	K	01/26/2016		(NONE)		SMSA2805S (GEN)		594
5962R9309204KXA	K	01/26/2016		(NONE)		SMSA2805S (GEN)		594
5962-9309301HXA	G	10/05/2015	1	CRANE		Y MSA2812S/883		594
5962-9309301HXC	G	10/05/2015	1	CRANE		Y MSA2812S/883		594
5962-9309301HYA	G	10/05/2015	1	CRANE		Y MGA2812S/883		594
5962-9309301HYC	G	10/05/2015	1	CRANE		Y MGA2812S/883		594
5962-9309301HZA	G	10/05/2015	1	CRANE		Y MGA2812SZ/883		594
5962-9309302HXA	G	10/05/2015		(NONE)		SMSA2812S (GEN)		594
5962L9309302HXA	G	10/05/2015		(NONE)		SMSA2812S (GEN)		594
5962L9309302KXA	G	10/05/2015		(NONE)		SMSA2812S (GEN)		594
5962P9309302HXA	G	10/05/2015	2	CRANE		Y SMSA2812S/HP		594
5962P9309302HXC	G	10/05/2015	2	CRANE		Y SMSA2812S/HP		594

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5962P9309302KXA	G	10/05/2015	2	CRANE		Y SMSA2812S/KP		594
5962P9309302KXC	G	10/05/2015	2	CRANE		Y SMSA2812S/KP		594
5962R9309302HXA	G	10/05/2015	2	CRANE		Y SMSA2812S/HR		594
5962R9309302HXC	G	10/05/2015	2	CRANE		Y SMSA2812S/HR		594
5962R9309302KXA	G	10/05/2015	2	CRANE		Y SMSA2812S/KR		594
5962R9309302KXC	G	10/05/2015	2	CRANE		Y SMSA2812S/KR		594
5962-9309303HUC	G	10/05/2015	1	ANAREN		Y DAC2812SH		594
5962L9309304HXA	G	10/05/2015	2	CRANE		Y SMSA2812S/HL		594
5962L9309304HXC	G	10/05/2015	2	CRANE		Y SMSA2812S/HL		594
5962L9309304KXA	G	10/05/2015	2	CRANE		Y SMSA2812S/KL		594
5962L9309304KXC	G	10/05/2015	2	CRANE		Y SMSA2812S/KL		594
5962-9309401HXA	G	10/20/2016	1	CRANE		Y MSA2815S/883		594
5962-9309401HXC	G	10/20/2016	1	CRANE		Y MSA2815S/883		594
5962-9309401HYA	G	10/20/2016	1	CRANE		Y MGA2815S/883		594
5962-9309401HYC	G	10/20/2016	1	CRANE		Y MGA2815S/883		594
5962-9309401HZA	G	10/20/2016	1	CRANE		Y MGA2815SZ/883		594
5962-9309402HXA	G	10/20/2016		(NONE)		SMSA2815S (GEN)		594
5962L9309402HXA	G	10/20/2016		(NONE)		SMSA2815S (GEN)		594
5962L9309402KXA	G	10/20/2016		(NONE)		SMSA2815S (GEN)		594
5962P9309402HXA	G	10/20/2016	2	CRANE		Y SMSA2815S/HP		594
5962P9309402HXC	G	10/20/2016	2	CRANE		Y SMSA2815S/HP		594
5962P9309402KXA	G	10/20/2016	2	CRANE		Y SMSA2815S/KP		594
5962P9309402KXC	G	10/20/2016	2	CRANE		Y SMSA2815S/KP		594
5962R9309402HXA	G	10/20/2016	2	CRANE		Y SMSA2815S/HR		594
5962R9309402HXC	G	10/20/2016	2	CRANE		Y SMSA2815S/HR		594
5962R9309402KXA	G	10/20/2016	2	CRANE		Y SMSA2815S/KR		594
5962R9309402KXC	G	10/20/2016	2	CRANE		Y SMSA2815S/KR		594
5962P9309402HZA	G	10/20/2016		(NONE)		SMSA2815S (GEN)		594
5962P9309402KZA	G	10/20/2016		(NONE)		SMSA2815S (GEN)		594
5962L9309403HXA	G	10/20/2016	2	CRANE		Y SMSA2815S/HL		594
5962L9309403HXC	G	10/20/2016	2	CRANE		Y SMSA2815S/HL		594
5962L9309403KXA	G	10/20/2016	2	CRANE		Y SMSA2815S/KL		594
5962L9309403KXC	G	10/20/2016	2	CRANE		Y SMSA2815S/KL		594
5962-9309501MEA	A	05/13/2008		(NONE)	12/24/2000	HA-2444 (GEN)		760
5962-9309701M2A	B	03/12/2014	2	E2V		Y 54ACT715LMQB		399
5962-9309701MRA	B	03/12/2014	2	E2V		Y 54ACT715DMQB		399
5962-9309702M2A	B	03/12/2014	2	E2V		Y 54ACT715-RLMQB		399
5962-9309702MRA	B	03/12/2014	2	E2V		Y 54ACT715-RDMQB		399
5962-9309801MYA	A	03/23/2010		(NONE)	09/30/1995	10E416 (GEN)		304
5962-9309802MYA	A	03/23/2010		(NONE)	09/30/1995	100E416 (GEN)		304
5962-9309901MYA	A	04/01/2010		(NONE)	09/30/1995	10E501 (GEN)		149
5962-9309902MYA	A	04/01/2010		(NONE)	09/30/1995	100E501 (GEN)		149
5962-9310001MYA	A	04/01/2010		(NONE)	09/30/1995	10E504 (GEN)		149
5962-9310002MYA	A	04/01/2010		(NONE)	09/30/1995	100E504 (GEN)		149
5962-9310101MYA	A	04/08/2010		(NONE)	09/30/1995	10E507 (GEN)		149
5962-9310102MYA	A	04/08/2010		(NONE)	09/30/1995	100E507 (GEN)		149
5962-9310201MYA	A	04/15/2010		(NONE)	09/30/1995	10E531 (GEN)		158
5962-9310202MYA	A	04/15/2010		(NONE)	09/30/1995	100E531 (GEN)		158
5962-9310401MYA	A	04/20/2010		(NONE)	09/30/1995	10E551 (GEN)		249



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## SECTION 1, MICROCIRCUITS

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5962-9310402MYA	A	04/20/2010		(NONE)		100E551 (GEN)		249
5962-9310501MXA	C	10/23/1996		(NONE)	12/24/1997	80486 (GEN)		404
5962-9310501MYA	C	10/23/1996		(NONE)	12/24/1997	80486 (GEN)		404
5962-9310502MXA	C	10/23/1996		(NONE)	12/24/1997	80486 (GEN)		404
5962-9310502MYA	C	10/23/1996		(NONE)	12/24/1997	80486 (GEN)		404
5962-9310503QXA	C	10/23/1996		(NONE)	12/24/1997	80486 (GEN)		404
5962-9310503QYA	C	10/23/1996		(NONE)	12/24/1997	80486 (GEN)		404
5962-9310504QXA	C	10/23/1996		(NONE)	12/24/1997	80486 (GEN)		404
5962-9310504QYA	C	10/23/1996		(NONE)	12/24/1997	80486 (GEN)		404
5962-9310505QXA	C	10/23/1996		(NONE)	12/24/1997	80486 (GEN)		404
5962-9310506QXA	C	10/23/1996		(NONE)	12/24/1997	80486 (GEN)		404
5962-9310507QXA	C	10/23/1996		(NONE)		80486 (GEN)		404
5962-9310507QYA	C	10/23/1996		(NONE)		80486 (GEN)		404
5962-9310508QXA	C	10/23/1996		(NONE)		80486 (GEN)		404
5962-9310508QYA	C	10/23/1996		(NONE)		80486 (GEN)		404
5962-9310509NXA	C	10/23/1996		(NONE)		80486 (GEN)		404
5962-9310509NYA	C	10/23/1996		(NONE)		80486 (GEN)		404
5962-9310510NXA	C	10/23/1996		(NONE)		80486 (GEN)		404
5962-9310510NYA	C	10/23/1996		(NONE)		80486 (GEN)		404
5962-9310901MXA		05/12/1993		(NONE)	12/24/1997	80C186 (GEN)		403
5962-9310902MXA		05/12/1993		(NONE)	12/24/1997	80C186 (GEN)		403
5962-9310903MXA		05/12/1993		(NONE)	12/24/1997	80C186 (GEN)		403
5962-9311101M2A	C	05/02/2016	1	LANSDALE		Y SL10592/M2A		569
5962-9311101M2C	C	05/02/2016	1	LANSDALE		Y SL10592/M2C		569
5962-9311101MEA	C	05/02/2016	1	LANSDALE		Y SL10592/MEA		569
5962-9311101MFA	C	05/02/2016	1	LANSDALE		Y SL10592/MFA		569
5962-9311201MXA		09/13/1994		(NONE)	05/03/2009	7B992 (GEN)		509
5962-9311501MXA	C	07/27/2017	3	ROCHESTER		Y SCAN18245T/MXA		590
5962-9311601MXA	C	03/01/2012	3	ROCHESTER		Y SCAN18541T/MXA		569
5962-9311701M2A	A	11/03/2009		(NONE)	09/15/1995	TL040 (GEN)		760
5962-9311701MEA	A	11/03/2009		(NONE)	09/15/1995	TL040 (GEN)		760
5962-9311801MXA	D	11/29/2017	3	ROCHESTER		Y SCAN18373T/MXA		342
5962-9311901MYA	B	07/06/2016	1	MICROSS		Y MTLT1076QK		786
5962-9311902MYA	B	07/06/2016	1	MICROSS		Y MTLT1076HVQK		786
5962-9312001MPA	C	04/11/2014		(NONE)	07/10/2015	MAX680 (GEN)		899
5962-9312101MPA	C	02/14/2014	1	MAXIM INTEG.		MAX738AMJA/883B		789
5962-9312201M3A	A	10/15/2012		(NONE)	05/10/1995	7C258-15 (GEN)		659
5962-9312201MXA	A	10/15/2012		(NONE)	05/10/1995	7C258-15 (GEN)		659
5962-9312201MYA	A	10/15/2012		(NONE)	05/10/1995	7C258-15 (GEN)		659
5962-9312202M3A	A	10/15/2012		(NONE)	05/10/1995	7C258-12 (GEN)		659
5962-9312202MXA	A	10/15/2012		(NONE)	05/10/1995	7C258-12 (GEN)		659
5962-9312202MYA	A	10/15/2012		(NONE)	05/10/1995	7C258-12 (GEN)		659
5962-9312203MUA	A	10/15/2012		(NONE)	05/10/1995	7C259-15 (GEN)		659
5962-9312203MZA	A	10/15/2012		(NONE)	05/10/1995	7C259-15 (GEN)		659
5962-9312204MUA	A	10/15/2012		(NONE)	05/10/1995	7C259-12 (GEN)		659
5962-9312204MZA	A	10/15/2012		(NONE)	05/10/1995	7C259-12 (GEN)		659
5962-9312301M3A	b	06/24/2016		(NONE)		7C258-15 (GEN)		659
5962-9312301MXA	b	06/24/2016		(NONE)		7C258-15 (GEN)		659
5962-9312301MYA	b	06/24/2016		(NONE)		7C258-15 (GEN)		659

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5962-9312302M3A	b	06/24/2016		(NONE)			7C258-12 (GEN)	659
5962-9312302MXA	b	06/24/2016		(NONE)			7C258-12 (GEN)	659
5962-9312302MYA	b	06/24/2016		(NONE)			7C258-12 (GEN)	659
5962-9312303MUA	b	06/24/2016		(NONE)			7C259-15 (GEN)	659
5962-9312303MZA	b	06/24/2016		(NONE)			7C259-15 (GEN)	659
5962-9312304MUA	b	06/24/2016		(NONE)			7C259-12 (GEN)	659
5962-9312304MZA	b	06/24/2016		(NONE)			7C259-12 (GEN)	659
5962-9312401MXA	D	10/20/2017		(NONE)			7C453-30 (GEN)	670
5962-9312401MYA	D	10/20/2017		(NONE)	09/28/2018		7C453-30 (GEN)	670
5962-9312401MZA	D	10/20/2017		(NONE)	09/28/2018		7C453-30 (GEN)	670
5962-9312402MXA	D	10/20/2017		(NONE)			7C453-20 (GEN)	670
5962-9312402MYA	D	10/20/2017		(NONE)	09/28/2018		7C453-20 (GEN)	670
5962-9312402MZA	D	10/20/2017		(NONE)	09/28/2018		7C453-20 (GEN)	670
5962-9312403MXA	D	10/20/2017		(NONE)			7C453-14 (GEN)	670
5962-9312403MYA	D	10/20/2017		(NONE)	09/28/2018		7C453-14 (GEN)	670
5962-9312403MZA	D	10/20/2017		(NONE)	09/28/2018		7C453-14 (GEN)	670
5962-9312501M2C	D	01/19/2017		(NONE)	07/10/2015		MAX697 (GEN)	429
5962-9312501MEA	D	01/19/2017	1	MAXIM INTEG.			MAX697MJE/883B	429
5962-9312502M2C	D	01/19/2017	1	MAXIM INTEG.			MAX696MLP/883B	429
5962-9312502MEA	D	01/19/2017		(NONE)			MAX696 (GEN)	429
5962-9312601MXA	F	03/05/2018	1	ANALOG (2)		Y	AD1671SQ/883B	592
5962-9312701MXA	B	11/01/2011	3	ROCHESTER		Y	SCAN18540T/MXA	569
5962H9312801QXC	B	03/26/2013		(NONE)	12/20/2001		LOR2561C-60 (GEN)	623
5962H9312801VXC	B	03/26/2013		(NONE)	12/20/2001		LOR2561C-60 (GEN)	623
5962H9312801QYC	B	03/26/2013		(NONE)	12/20/2001		LOR2561C-60 (GEN)	623
5962H9312801VYC	B	03/26/2013		(NONE)	12/20/2001		LOR2561C-60 (GEN)	623
5962H9312801QZC	B	03/26/2013		(NONE)	12/20/2001		LOR2561C-60 (GEN)	623
5962H9312801VZC	B	03/26/2013		(NONE)	12/20/2001		LOR2561C-60 (GEN)	623
5962H9312802QXC	B	03/26/2013		(NONE)	12/20/2001		LOR2561T-60 (GEN)	623
5962H9312802VXC	B	03/26/2013		(NONE)	12/20/2001		LOR2561T-60 (GEN)	623
5962H9312802QYC	B	03/26/2013		(NONE)	12/20/2001		LOR2561T-60 (GEN)	623
5962H9312802VYC	B	03/26/2013		(NONE)	12/20/2001		LOR2561T-60 (GEN)	623
5962H9312802QZC	B	03/26/2013		(NONE)	12/20/2001		LOR2561T-60 (GEN)	623
5962H9312802VZC	B	03/26/2013		(NONE)	12/20/2001		LOR2561T-60 (GEN)	623
5962H9312803QXC	B	03/26/2013		(NONE)	12/20/2001		LOR2561C-40 (GEN)	623
5962H9312803VXC	B	03/26/2013		(NONE)	12/20/2001		LOR2561C-40 (GEN)	623
5962H9312803QYC	B	03/26/2013		(NONE)	12/20/2001		LOR2561C-40 (GEN)	623
5962H9312803VYC	B	03/26/2013		(NONE)	12/20/2001		LOR2561C-40 (GEN)	623
5962H9312803QZC	B	03/26/2013		(NONE)	12/20/2001		LOR2561C-40 (GEN)	623
5962H9312803VZC	B	03/26/2013		(NONE)	12/20/2001		LOR2561C-40 (GEN)	623
5962H9312804QXA	B	03/26/2013		(NONE)			LOR2561T-40 (GEN)	623
5962H9312804VXA	B	03/26/2013		(NONE)			LOR2561T-40 (GEN)	623
5962H9312804QYA	B	03/26/2013		(NONE)			LOR2561T-40 (GEN)	623
5962H9312804VYA	B	03/26/2013		(NONE)			LOR2561T-40 (GEN)	623
5962H9312805QXC	B	03/26/2013		(NONE)	12/20/2001		LOR2561T-50 (GEN)	623
5962H9312805VXC	B	03/26/2013		(NONE)	12/20/2001		LOR2561T-50 (GEN)	623
5962H9312805QYC	B	03/26/2013		(NONE)	12/20/2001		LOR2561T-50 (GEN)	623
5962H9312805VYC	B	03/26/2013		(NONE)	12/20/2001		LOR2561T-50 (GEN)	623
5962H9312805QZC	B	03/26/2013		(NONE)	12/20/2001		LOR2561T-50 (GEN)	623

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## SECTION 1, MICROCIRCUITS

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5962H9312805VZC	B	03/26/2013		(NONE)	12/20/2001		LOR2561T-50 (GEN)	623
5962-9312901M2A	C	11/21/2013	2	ANALOG (2)		Y	AD829SE/883B	760
5962-9312901MPA	C	11/21/2013	2	ANALOG (2)		Y	AD829SQ/883B	760
5962-9313001MPA	E	03/08/2017	2	ANALOG (2)		Y	AD830SQ/883B	760
5962-9313101M2A	C	08/10/2015	2	ANALOG (2)		Y	AD811SE/883B	760
5962-9313101MPA	C	08/10/2015	2	ANALOG (2)		Y	AD811SQ/883B	760
5962-9313201MPA	C	02/12/2014	1	ANALOG (2)		Y	AD810SQ/883B	760
5962-9313301MPA	A	12/17/2001		(NONE)	04/16/2002		AD797S (GEN)	701
5962-9313401HXC	D	10/23/2018	1	SOLITRON		Y	CJSE298	789
5962-9313402HXC	D	10/23/2018	1	SOLITRON		Y	CJSE299	789
5962-9313403HXC	D	10/23/2018	1	SOLITRON		Y	CJSE300	789
5962-9313404HXA	D	10/23/2018		(NONE)			ARX5009 (GEN)	789
5962-9313404HXC	D	10/23/2018	1	SOLITRON		Y	CJSE301	789
5962-9313405HXC	D	10/23/2018	1	SOLITRON		Y	CJSE321	789
5962-9313406HXC	D	10/23/2018	1	SOLITRON		Y	CJSE322	789
5962-9313801MXA	E	03/13/2017		(NONE)	10/29/2001		72220L50 (GEN)	670
5962-9313801MYA	E	03/13/2017		(NONE)			72220L50 (GEN)	670
5962-9313802MXA	E	03/13/2017		(NONE)	10/29/2001		72220L35 (GEN)	670
5962-9313802MYA	E	03/13/2017		(NONE)			72220L35 (GEN)	670
5962-9313803MXA	E	03/13/2017		(NONE)	10/29/2001		72220L25 (GEN)	670
5962-9313803MYA	E	03/13/2017		(NONE)			72220L25 (GEN)	670
5962-9313901MPA	A	07/07/2009		(NONE)	03/31/1998		MIC5011 (GEN)	899
5962-9313902MCA	A	07/07/2009		(NONE)	03/31/1998		MIC5012 (GEN)	899
5962-9314001EPA	M	08/03/2017	2	AVAGO		Y	HSSR-711E-200	460
5962-9314001EPA	M	08/03/2017	2	MICROPAC		Y	53111-1EPA	460
5962-9314001EPC	M	08/03/2017	2	AVAGO		Y	HSSR-711E	460
5962-9314001EPC	M	08/03/2017	2	MICROPAC		Y	53111-1EPC	460
5962-9314001HPA	M	08/03/2017	2	AVAGO		Y	HSSR-7111#200	460
5962-9314001HPA	M	08/03/2017	2	MICROPAC		Y	53111-1HPA	460
5962-9314001HPC	M	08/03/2017	2	AVAGO		Y	HSSR-7111	460
5962-9314001HPC	M	08/03/2017	2	MICROPAC		Y	53111-1HPC	460
5962-9314001EXA	M	08/03/2017	2	AVAGO		Y	HSSR-711E-300	460
5962-9314001EXA	M	08/03/2017	2	MICROPAC		Y	53111-1EXA	460
5962-9314001EXC	M	08/03/2017	2	MICROPAC		Y	53111-1EXC	460
5962-9314001HXA	M	08/03/2017	2	AVAGO		Y	HSSR-7111#300	460
5962-9314001HXA	M	08/03/2017	2	MICROPAC		Y	53111-1HXA	460
5962-9314001HXC	M	08/03/2017	2	MICROPAC		Y	53111-1HXC	460
5962-9314001HYA	M	08/03/2017	2	AVAGO		Y	HSSR-7111#100	460
5962-9314001HYA	M	08/03/2017	2	MICROPAC		Y	53111-1HYA	460
5962-9314001HYC	M	08/03/2017	2	AVAGO		Y	HSSR-7111#100	460
5962-9314001HYC	M	08/03/2017	2	MICROPAC		Y	53111-1HYC	460
5962-9314001HZA	M	08/03/2017	2	AVAGO		Y	HSSR-7111#600	460
5962-9314001HZA	M	08/03/2017	2	MICROPAC		Y	53111-1HZA	460
5962-9314001HZC	M	08/03/2017	2	AVAGO		Y	HSSR-7111#600	460
5962-9314001HZC	M	08/03/2017	2	MICROPAC		Y	53111-1HZC	460
5962-9314002EPA	M	08/03/2017	2	AVAGO		Y	HSSR-7112E-200	460
5962-9314002EPA	M	08/03/2017	2	MICROPAC		Y	53111-2EPA	460
5962-9314002EPC	M	08/03/2017	2	AVAGO		Y	HSSR-7112E	460
5962-9314002EPC	M	08/03/2017	2	MICROPAC		Y	53111-2EPC	460

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5962-9314002HPA	M	08/03/2017	2	AVAGO		Y HSSR-7112-200		460
5962-9314002HPA	M	08/03/2017	2	MICROPAC		Y 53111-2HPA		460
5962-9314002HPC	M	08/03/2017	2	AVAGO		Y HSSR-7112		460
5962-9314002HPC	M	08/03/2017	2	MICROPAC		Y 53111-2HPC		460
5962-9314002EXA	M	08/03/2017	2	AVAGO		Y HSSR-7112E-300		460
5962-9314002EXA	M	08/03/2017	2	MICROPAC		Y 53111-2EXA		460
5962-9314002EXC	M	08/03/2017	2	MICROPAC		Y 53111-2EXC		460
5962-9314002HXA	M	08/03/2017	2	AVAGO		Y HSSR-7112-300		460
5962-9314002HXA	M	08/03/2017	2	MICROPAC		Y 53111-2HXA		460
5962-9314002HXC	M	08/03/2017	2	MICROPAC		Y 53111-2HXC		460
5962-9314002HYA	M	08/03/2017	2	AVAGO		Y HSSR-7112-100		460
5962-9314002HYA	M	08/03/2017	2	MICROPAC		Y 53111-2HYA		460
5962-9314002HYC	M	08/03/2017	2	AVAGO		Y HSSR-7112-100		460
5962-9314002HYC	M	08/03/2017	2	MICROPAC		Y 53111-2HYC		460
5962-9314002HZA	M	08/03/2017	2	AVAGO		Y HSSR-7112-600		460
5962-9314002HZA	M	08/03/2017	2	MICROPAC		Y 53111-2HZA		460
5962-9314002HZC	M	08/03/2017	2	AVAGO		Y HSSR-7112-600		460
5962-9314002HZC	M	08/03/2017	2	MICROPAC		Y 53111-2HZC		460
5962-9314003HPA	M	08/03/2017	2	MICROPAC		Y 53111-3HPA		460
5962-9314003HPC	M	08/03/2017	2	MICROPAC		Y 53111-3HPC		460
5962-9314003HXA	M	08/03/2017	2	MICROPAC		Y 53111-3HXA		460
5962-9314003HXC	M	08/03/2017	2	MICROPAC		Y 53111-3HXC		460
5962-9314004HPA	M	08/03/2017	2	MICROPAC		Y 53115-4HPA		460
5962-9314004HPC	M	08/03/2017	2	MICROPAC		Y 53115-4HPC		460
5962-9314004HXA	M	08/03/2017	2	MICROPAC		Y 53115-4HXA		460
5962-9314004HXC	M	08/03/2017	2	MICROPAC		Y 53115-4HXC		460
5962-9314004HYA	M	08/03/2017	2	MICROPAC		Y 53115-4HYA		460
5962-9314004HYC	M	08/03/2017	2	MICROPAC		Y 53115-4HXC		460
5962-9314101M3A	B	08/28/2013	3	E2V		Y 54ACT899LMQB		590
5962-9314101MXA	B	08/28/2013	3	E2V		Y 54ACT899DMQB		590
5962-9314301MXA	C	10/17/2005	1	E2V SEMI.		Y TS68040MR1B/C25A		404
5962-9314301MXC	C	10/17/2005	1	E2V SEMI.		Y TS68040MRB/C25A		404
5962-9314301MYC	C	10/17/2005	1	E2V SEMI.		Y TS68040MFTB/C25A		404
5962-9314301MZA	C	10/17/2005	1	E2V SEMI.		Y TS68040MF1B/C25A		404
5962-9314301MZC	C	10/17/2005	1	E2V SEMI.		Y TS68040MFB/C25A		404
5962-9314302MXA	C	10/17/2005	1	E2V SEMI.		Y TS68040MR1B/C33A		404
5962-9314302MXC	C	10/17/2005	1	E2V SEMI.		Y TS68040MRB/C33A		404
5962-9314302MYC	C	10/17/2005	1	E2V SEMI.		Y TS68040MFTB/C33A		404
5962-9314302MZA	C	10/17/2005	1	E2V SEMI.		Y TS68040MF1B/C33A		404
5962-9314302MZC	C	10/17/2005	1	E2V SEMI.		Y TS68040MFB/C33A		404
5962-9314401MUA	C	05/14/2015	2	E2V		Y CY7C346-35HMB		431
5962-9314401MXB	C	05/14/2015		(NONE)	10/31/1996	5130 (GEN)		431
5962-9314401MYA	C	05/14/2015		(NONE)				431
5962-9314401MZC	C	05/14/2015	2	E2V		Y CY7C346-35RMB		431
5962-9314402MUA	C	05/14/2015	2	E2V		Y CY7C346-30HMB		431
5962-9314402MXA	C	05/14/2015		(NONE)	10/31/1996	5130 (GEN)		431
5962-9314402MYA	C	05/14/2015		(NONE)				431
5962-9314402MZC	C	05/14/2015	2	E2V		Y CY7C346-30RMB		431
5962-9314701Q2A	B	09/07/2013		(NONE)	11/28/2015	54ABT534 (GEN)		159

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5962-9314701QRA	B	09/07/2013	3	TI		Y	SNJ54ABT534J	159
5962-9314701QSA	B	09/07/2013	3	TI		Y	SNJ54ABT534W	159
5962-9314801M2A	C	09/24/2013	3	E2V		Y	54ABT377LMQB	159
5962-9314801Q2A	C	09/24/2013	3	E2V		Y	54ABT377E-QML	159
5962-9314801Q2A	C	09/24/2013	3	TI		Y	SNJ54ABT377FK	159
5962-9314801MRA	C	09/24/2013	3	E2V		Y	54ABT377DMQB	159
5962-9314801QRA	C	09/24/2013	3	E2V		Y	54ABT377J-QML	159
5962-9314801QRA	C	09/24/2013	3	TI		Y	SNJ54ABT377J	159
5962-9314801MSA	C	09/24/2013	3	E2V		Y	54ABT377FMQB	159
5962-9314801QSA	C	09/24/2013		(NONE)	11/28/2015		54ABT377 (GEN)	159
5962-9314801QSA	C	09/24/2013	3	E2V		Y	54ABT377W-QML	159
5962-9314901M2A	D	09/11/2013	2	E2V		Y	54ABT374LMQB	159
5962-9314901Q2A	D	09/11/2013	2	E2V		Y	54ABT374E-QML	159
5962-9314901Q2A	D	09/11/2013	3	TI		Y	SNJ54ABT374FK	159
5962-9314901MRA	D	09/11/2013	2	E2V		Y	54ABT374DMQB	159
5962-9314901QRA	D	09/11/2013	2	E2V		Y	54ABT374J-QML	159
5962-9314901QRA	D	09/11/2013	3	TI		Y	SNJ54ABT374J	159
5962-9314901MSA	D	09/11/2013	2	E2V		Y	54ABT374FMQB	159
5962-9314901QSA	D	09/11/2013	2	E2V		Y	54ABT374W-QML	159
5962-9314901QSA	D	09/11/2013	3	TI		Y	SNJ54ABT374W	159
5962-9315001MXA	A	07/07/1994		(NONE)	09/30/1995		96002-33 (GEN)	409
5962-9315201MXA	C	02/02/2015		(NONE)			7C464-40 (GEN)	670
5962-9315201MYA	C	02/02/2015		(NONE)			7C464-40 (GEN)	670
5962-9315202MXA	C	02/02/2015		(NONE)			7C464-25 (GEN)	670
5962-9315202MYA	C	02/02/2015		(NONE)	05/30/1999		7C464-25 (GEN)	670
5962-9315203MXA	C	02/02/2015		(NONE)	05/30/1999		7C464-20 (GEN)	670
5962-9315203MYA	C	02/02/2015		(NONE)			7C464-20 (GEN)	670
5962-9315204QXA	C	02/02/2015	3	E2V		Y	CY7C464A-40DMB	670
5962-9315204QYA	C	02/02/2015	3	E2V		Y	CY7C464A-40LMB	670
5962-9315205QXA	C	02/02/2015	3	E2V		Y	CY7C464A-25DMB	670
5962-9315205QYA	C	02/02/2015	3	E2V		Y	CY7C464A-25LMB	670
5962-9315206QXA	C	02/02/2015	3	E2V		Y	CY7C464A-20DMB	670
5962-9315206QYA	C	02/02/2015	3	E2V		Y	CY7C464A-20LMB	670
5962-9315207QXA	C	02/02/2015	3	E2V		Y	CY7C464A-15DMB	670
5962-9315207QYA	C	02/02/2015	3	E2V		Y	CY7C464A-15LMB	670
5962-9315301MXA	C	04/03/2015	1	IDT		Y	IDT7014S35XLB	629
5962-9315302MXA	C	04/03/2015	1	IDT		Y	IDT7014S25XLB	629
5962-9315303MXA	C	04/03/2015	1	IDT		Y	IDT7014S20XLB	629
5962-9315401HXA	B	07/10/2012	1	MERCURY		Y	WE-128K8-200CQ	669
5962-9315401HXC	B	07/10/2012	1	MERCURY		Y	WE-128K8-200CQ	669
5962-9315402HXA	B	07/10/2012	1	MERCURY		Y	WE-128K8-150CQ	669
5962-9315402HXC	B	07/10/2012	1	MERCURY		Y	WE-128K8-150CQ	669
5962-9315501HXA	C	07/11/2012		(NONE)			256K8-200 (GEN)	669
5962-9315501HXC	C	07/11/2012		(NONE)			256K8-200 (GEN)	669
5962-9315501HYA	C	07/11/2012	1	MERCURY		Y	WE-256K8-200CQ	669
5962-9315501HYC	C	07/11/2012	1	MERCURY		Y	WE-256K8-200CQ	669
5962-9315502HXA	C	07/11/2012		(NONE)			256K8-150 (GEN)	669
5962-9315502HXC	C	07/11/2012		(NONE)			256K8-150 (GEN)	669
5962-9315502HYA	C	07/11/2012	1	MERCURY		Y	WE-256K8-150CQ	669



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5962-9315502HYC	C	07/11/2012	1	MERCURY		Y WE-256K8-150CQ		669
5962-9315601HXA	C	10/17/2017		(NONE)		WS-128K8-120 (GEN)		625
5962-9315601HYA	C	10/17/2017	1	MERCURY		Y WS-128K8-120CQ		625
5962-9315601HYC	C	10/17/2017	1	MERCURY		Y WS-128K8-120CQ		625
5962-9315602HXA	C	10/17/2017		(NONE)		WS-128K8-100 (GEN)		625
5962-9315602HYA	C	10/17/2017	1	MERCURY		Y WS-128K8-100CQ		625
5962-9315602HYC	C	10/17/2017	1	MERCURY		Y WS-128K8-100CQ		625
5962-9315603HXA	C	10/17/2017		(NONE)		WS-128K8-85 (GEN)		625
5962-9315603HYA	C	10/17/2017	1	MERCURY		Y WS-128K8-85CQ		625
5962-9315603HYC	C	10/17/2017	1	MERCURY		Y WS-128K8-85CQ		625
5962-9315604HXA	C	10/17/2017		(NONE)		WS-128K8-70 (GEN)		625
5962-9315604HYA	C	10/17/2017	1	MERCURY		Y WS-128K8-70CQ		625
5962-9315604HYC	C	10/17/2017	1	MERCURY		Y WS-128K8-70CQ		625
5962-9315605HXA	C	10/17/2017		(NONE)		WS-128K8-55 (GEN)		625
5962-9315605HYA	C	10/17/2017	1	MERCURY		Y WS-128K8-55CQ		625
5962-9315605HYC	C	10/17/2017	1	MERCURY		Y WS-128K8-55CQ		625
5962-9315606HXA	C	10/17/2017		(NONE)		WS-128K8-45 (GEN)		625
5962-9315606HYA	C	10/17/2017	1	MERCURY		Y WS-128K8-45CQ		625
5962-9315606HYC	C	10/17/2017	1	MERCURY		Y WS-128K8-45CQ		625
5962-9315607HXA	C	10/17/2017		(NONE)		WS-128K8-35 (GEN)		625
5962-9315607HYA	C	10/17/2017	1	MERCURY		Y WS-128K8-35CQ		625
5962-9315607HYC	C	10/17/2017	1	MERCURY		Y WS-128K8-35CQ		625
5962-9315608HXA	C	10/17/2017		(NONE)		WS-128K8-25 (GEN)		625
5962-9315608HYA	C	10/17/2017	1	MERCURY		Y WS-128K8-25CQ		625
5962-9315608HYC	C	10/17/2017	1	MERCURY		Y WS-128K8-25CQ		625
5962-9315701HXA	G	04/02/2002	1	MERCURY		Y WS256K8-120CQA		629
5962-9315701HXC	G	04/02/2002	1	MERCURY		Y WS256K8-120CQ		629
5962-9315701HYA	G	04/02/2002	1	MERCURY		Y WS256K8-120CQA		629
5962-9315701HYC	G	04/02/2002	1	MERCURY		Y WS256K8-120CQ		629
5962-9315702HXA	G	04/02/2002	1	MERCURY		Y WS256K8-100CQA		629
5962-9315702HXC	G	04/02/2002	1	MERCURY		Y WS256K8-100CQ		629
5962-9315702HYA	G	04/02/2002	1	MERCURY		Y WS256K8-100CQA		629
5962-9315702HYC	G	04/02/2002	1	MERCURY		Y WS256K8-100CQ		629
5962-9315703HXA	G	04/02/2002	1	MERCURY		Y WS256K8-85CQA		629
5962-9315703HXC	G	04/02/2002	1	MERCURY		Y WS256K8-85CQ		629
5962-9315703HYA	G	04/02/2002	1	MERCURY		Y WS256K8-85CQA		629
5962-9315703HYC	G	04/02/2002	1	MERCURY		Y WS256K8-85CQ		629
5962-9315704HXA	G	04/02/2002	1	MERCURY		Y WS256K8-70CQA		629
5962-9315704HXC	G	04/02/2002	1	MERCURY		Y WS256K8-70CQ		629
5962-9315704HYA	G	04/02/2002	1	MERCURY		Y WS256K8-70CQA		629
5962-9315704HYC	G	04/02/2002	1	MERCURY		Y WS256K8-70CQ		629
5962-9315705HXA	G	04/02/2002	1	MERCURY		Y WS256K8-55CQA		629
5962-9315705HXC	G	04/02/2002	1	MERCURY		Y WS256K8-55CQ		629
5962-9315705HYA	G	04/02/2002	1	MERCURY		Y WS256K8-55CQA		629
5962-9315705HYC	G	04/02/2002	1	MERCURY		Y WS256K8-55CQ		629
5962-9315706HXA	G	04/02/2002	1	MERCURY		Y WS256K8-45CQA		629
5962-9315706HXC	G	04/02/2002	1	MERCURY		Y WS256K8-45CQ		629
5962-9315706HYA	G	04/02/2002	1	MERCURY		Y WS256K8-45CQA		629
5962-9315706HYC	G	04/02/2002	1	MERCURY		Y WS256K8-45CQ		629



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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9315707HXA	G	04/02/2002	1	MERCURY		Y WS256K8-35CQA		629
5962-9315707HXC	G	04/02/2002	1	MERCURY		Y WS256K8-35CQ		629
5962-9315707HYA	G	04/02/2002	1	MERCURY		Y WS256K8-35CQA		629
5962-9315707HYC	G	04/02/2002	1	MERCURY		Y WS256K8-35CQ		629
5962-9315708HXA	G	04/02/2002	1	MERCURY		Y WS256K8-25CQA		629
5962-9315708HXC	G	04/02/2002	1	MERCURY		Y WS256K8-25CQ		629
5962-9315708HYA	G	04/02/2002	1	MERCURY		Y WS256K8-25CQA		629
5962-9315708HYC	G	04/02/2002	1	MERCURY		Y WS256K8-25CQ		629
5962-9315709HXA	G	04/02/2002	1	MERCURY		Y WS256K8-20CQA		629
5962-9315709HXC	G	04/02/2002	1	MERCURY		Y WS256K8-20CQ		629
5962-9315709HYA	G	04/02/2002	1	MERCURY		Y WS256K8-20CQA		629
5962-9315709HYC	G	04/02/2002	1	MERCURY		Y WS256K8-20CQ		629
5962-9315801HXA	E	05/21/2018	1	INTER. RECT.2		Y ATR2812T/CH		594
5962-9315801HZA	E	05/21/2018	1	INTER. RECT.2		Y ATR2812TF/CH		594
5962-9315901QXA	A	10/11/2005	1	E2V SEMI.	12/26/2017	Y TS68302MR1B/C16		439
5962-9315901QXC	A	10/11/2005	1	E2V SEMI.	12/26/2017	Y TS68302MRB/C16		439
5962-9315901QYA	A	10/11/2005	1	E2V SEMI.	12/26/2017	Y TS68302MAB/C16		439
5962-9316101HTA	K	11/14/2016		(NONE)		MFL2815S (GEN)		594
5962-9316101HUA	K	11/14/2016		(NONE)		MFL2815S (GEN)		594
5962-9316101HXA	K	11/14/2016	1	CRANE		Y MFL2815S/883		594
5962-9316101HXC	K	11/14/2016	1	CRANE		Y MFL2815S/883		594
5962-9316101HYA	K	11/14/2016		(NONE)		MFL2815S (GEN)		594
5962-9316101HZA	K	11/14/2016		(NONE)		MFL2815S (GEN)		594
5962-9316102HTA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962L9316102HTA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962L9316102KTA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962P9316102HTA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962P9316102KTA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962R9316102HTA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962R9316102KTA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962-9316102HUA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962L9316102HUA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962L9316102KUA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962P9316102HUA	K	11/14/2016	3B	CRANE		Y SMFL2815SV/HP		594
5962P9316102HUC	K	11/14/2016	3B	CRANE		Y SMFL2815SV/HP		594
5962P9316102KUA	K	11/14/2016	3B	CRANE		Y SMFL2815SV/KP		594
5962P9316102KUC	K	11/14/2016	3B	CRANE		Y SMFL2815SV/KP		594
5962R9316102HUA	K	11/14/2016	3B	CRANE		Y SMFL2815SV/HR		594
5962R9316102HUC	K	11/14/2016	3B	CRANE		Y SMFL2815SV/HR		594
5962R9316102KUA	K	11/14/2016	3B	CRANE		Y SMFL2815SV/KR		594
5962R9316102KUC	K	11/14/2016	3B	CRANE		Y SMFL2815SV/KR		594
5962-9316102HXA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962L9316102HXA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962L9316102KXA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962P9316102HXA	K	11/14/2016	3B	CRANE		Y SMFL2815S/HP		594
5962P9316102HXC	K	11/14/2016	3B	CRANE		Y SMFL2815S/HP		594
5962P9316102KXA	K	11/14/2016	3B	CRANE		Y SMFL2815S/KP		594
5962P9316102KXC	K	11/14/2016	3B	CRANE		Y SMFL2815S/KP		594
5962R9316102HXA	K	11/14/2016	3B	CRANE		Y SMFL2815S/HR		594

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5962R9316102HXC	K	11/14/2016	3B	CRANE		Y SMFL2815S/HR		594
5962R9316102KXA	K	11/14/2016	3B	CRANE		Y SMFL2815S/KR		594
5962R9316102KXC	K	11/14/2016	3B	CRANE		Y SMFL2815S/KR		594
5962-9316102HYA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962L9316102HYA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962L9316102KYA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962P9316102HYA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962P9316102KYA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962R9316102HYA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962R9316102KYA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962-9316102HZA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962L9316102HZA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962L9316102KZA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962P9316102HZA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962P9316102KZA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962R9316102HZA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962R9316102KZA	K	11/14/2016		(NONE)		SMFL2815S (GEN)		594
5962-9316201HTA	H	11/17/2016		(NONE)		MFL2812S (GEN)		594
5962-9316201HUA	H	11/17/2016		(NONE)		MFL2812S (GEN)		594
5962-9316201HXA	H	11/17/2016	1	CRANE		Y MFL2812S/883		594
5962-9316201HXC	H	11/17/2016	1	CRANE		Y MFL2812S/883		594
5962-9316201HYA	H	11/17/2016		(NONE)		MFL2812S (GEN)		594
5962-9316201HZA	H	11/17/2016		(NONE)		MFL2812S (GEN)		594
5962-9316202HTA	H	11/17/2016		(NONE)		SMFL2812S (GEN)		594
5962R9316202HTA	H	11/17/2016		(NONE)		SMFL2812S (GEN)		594
5962R9316202KTA	H	11/17/2016		(NONE)		SMFL2812S (GEN)		594
5962-9316202HUA	H	11/17/2016		(NONE)		SMFL2812S (GEN)		594
5962R9316202HUA	H	11/17/2016	3B	CRANE		Y SMFL2812SV/HR		594
5962R9316202HUC	H	11/17/2016	3B	CRANE		Y SMFL2812SV/HR		594
5962R9316202KUA	H	11/17/2016	3B	CRANE		Y SMFL2812SV/KR		594
5962R9316202KUC	H	11/17/2016	3B	CRANE		Y SMFL2812SV/KR		594
5962-9316202HXA	H	11/17/2016		(NONE)		SMFL2812S (GEN)		594
5962L9316202HXA	H	11/17/2016	3B	CRANE		Y SMFL2812S/HL		594
5962L9316202HXC	H	11/17/2016	3B	CRANE		Y SMFL2812S/HL		594
5962L9316202KXA	H	11/17/2016	3B	CRANE		Y SMFL2812S/KL		594
5962L9316202KXC	H	11/17/2016	3B	CRANE		Y SMFL2812S/KL		594
5962P9316202HXA	H	11/17/2016	3B	CRANE		Y SMFL2812S/HP		594
5962P9316202HXC	H	11/17/2016	3B	CRANE		Y SMFL2812S/HP		594
5962P9316202KXA	H	11/17/2016	3B	CRANE		Y SMFL2812S/KP		594
5962P9316202KXC	H	11/17/2016	3B	CRANE		Y SMFL2812S/KP		594
5962R9316202HXA	H	11/17/2016	3B	CRANE		Y SMFL2812S/HR		594
5962R9316202HXC	H	11/17/2016	3B	CRANE		Y SMFL2812S/HR		594
5962R9316202KXA	H	11/17/2016	3B	CRANE		Y SMFL2812S/KR		594
5962R9316202KXC	H	11/17/2016	3B	CRANE		Y SMFL2812S/KR		594
5962-9316202HYA	H	11/17/2016		(NONE)		SMFL2812S (GEN)		594
5962R9316202HYA	H	11/17/2016		(NONE)		SMFL2812S (GEN)		594
5962R9316202KYA	H	11/17/2016		(NONE)		SMFL2812S (GEN)		594
5962-9316202HZA	H	11/17/2016		(NONE)		SMFL2812S (GEN)		594
5962R9316202HZA	H	11/17/2016		(NONE)		SMFL2812S (GEN)		594

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962R9316202KZA	H	11/17/2016		(NONE)			SMFL2812S (GEN)	594
5962-9316301HTA	G	11/17/2016		(NONE)			MFL2805S (GEN)	594
5962-9316301HUA	G	11/17/2016		(NONE)			MFL2805S (GEN)	594
5962-9316301HXA	G	11/17/2016	1	CRANE		Y	MFL2805S/883	594
5962-9316301HXC	G	11/17/2016	1	CRANE		Y	MFL2805S/883	594
5962-9316301HYA	G	11/17/2016		(NONE)			MFL2805S (GEN)	594
5962-9316301HZA	G	11/17/2016		(NONE)			MFL2805S (GEN)	594
5962-9316302HTA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962L9316302HTA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962L9316302KTA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962P9316302HTA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962P9316302KTA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962R9316302HTA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962R9316302KTA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962-9316302HUA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962L9316302HUA	G	11/17/2016	1	CRANE		Y	SMFL2805SV/HL	594
5962L9316302HUC	G	11/17/2016	1	CRANE		Y	SMFL2805SV/HL	594
5962L9316302KUA	G	11/17/2016	1	CRANE		Y	SMFL2805SV/KL	594
5962L9316302KUC	G	11/17/2016	1	CRANE		Y	SMFL2805SV/KL	594
5962P9316302HUA	G	11/17/2016	3B	CRANE		Y	SMFL2805SV/HP	594
5962P9316302HUC	G	11/17/2016	3B	CRANE		Y	SMFL2805SV/HP	594
5962P9316302KUA	G	11/17/2016	3B	CRANE		Y	SMFL2805SV/KP	594
5962P9316302KUC	G	11/17/2016	3B	CRANE		Y	SMFL2805SV/KP	594
5962R9316302HUA	G	11/17/2016	3B	CRANE		Y	SMFL2805SV/HR	594
5962R9316302HUC	G	11/17/2016	3B	CRANE		Y	SMFL2805SV/HR	594
5962R9316302KUA	G	11/17/2016	3B	CRANE		Y	SMFL2805SV/KR	594
5962R9316302KUC	G	11/17/2016	3B	CRANE		Y	SMFL2805SV/KR	594
5962-9316302HXA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962L9316302HXA	G	11/17/2016	1	CRANE		Y	SMFL2805S/HL	594
5962L9316302HXC	G	11/17/2016	1	CRANE		Y	SMFL2805S/HL	594
5962L9316302KXA	G	11/17/2016	1	CRANE		Y	SMFL2805S/KL	594
5962L9316302KXC	G	11/17/2016	1	CRANE		Y	SMFL2805S/KL	594
5962P9316302HXA	G	11/17/2016	3B	CRANE		Y	SMFL2805S/HP	594
5962P9316302HXC	G	11/17/2016	3B	CRANE		Y	SMFL2805S/HP	594
5962P9316302KXA	G	11/17/2016	3B	CRANE		Y	SMFL2805S/KP	594
5962P9316302KXC	G	11/17/2016	3B	CRANE		Y	SMFL2805S/KP	594
5962R9316302HXA	G	11/17/2016	3B	CRANE		Y	SMFL2805S/HR	594
5962R9316302HXC	G	11/17/2016	3B	CRANE		Y	SMFL2805S/HR	594
5962R9316302KXA	G	11/17/2016	3B	CRANE		Y	SMFL2805S/KR	594
5962R9316302KXC	G	11/17/2016	3B	CRANE		Y	SMFL2805S/KR	594
5962-9316302HYA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962L9316302HYA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962L9316302KYA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962P9316302HYA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962P9316302KYA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962R9316302HYA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962R9316302KYA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962-9316302HZA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962L9316302HZA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594

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5962L9316302KZA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962P9316302HZA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962P9316302KZA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962R9316302HZA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962R9316302KZA	G	11/17/2016		(NONE)			SMFL2805S (GEN)	594
5962-9316401MXA	B	02/03/2014	1	ANALOG (2)		Y	AD1674TD/883B	592
5962-9316601MXA	C	10/26/2015	2	E2V		Y	CY7C271-55DMB	662
5962-9316601MXA	C	10/26/2015	1	E2V		Y	QP7C271-55DMB	662
5962-9316601MYA	C	10/26/2015	2	E2V		Y	CY7C271-55KMB	662
5962-9316601MYA	C	10/26/2015	1	E2V		Y	QP7C271-55KMB	662
5962-9316601MZA	C	10/26/2015	1	E2V		Y	QP7C271-55LMB	662
5962-9316601MZA	C	10/26/2015	2	E2V		Y	CY7C271-55LMB	662
5962-9316602MXA	C	10/26/2015	2	E2V		Y	CY7C271-45DMB	662
5962-9316602MXA	C	10/26/2015	1	E2V		Y	QP7C271-45DMB	662
5962-9316602MYA	C	10/26/2015	2	E2V		Y	CY7C271-45KMB	662
5962-9316602MYA	C	10/26/2015	1	E2V		Y	QP7C271-45KMB	662
5962-9316602MZA	C	10/26/2015	1	E2V		Y	QP7C271-45LMB	662
5962-9316602MZA	C	10/26/2015	2	E2V		Y	CY7C271-45LMB	662
5962-9316603MXA	C	10/26/2015	2	E2V		Y	CY7C271-35DMB	662
5962-9316603MXA	C	10/26/2015	1	E2V		Y	QP7C271-35DMB	662
5962-9316603MYA	C	10/26/2015	2	E2V		Y	CY7C271-35KMB	662
5962-9316603MYA	C	10/26/2015	1	E2V		Y	QP7C271-35KMB	662
5962-9316603MZA	C	10/26/2015	1	E2V		Y	QP7C271-35LMB	662
5962-9316604MUA	C	10/26/2015	2	E2V		Y	CY7C274-55DMB	662
5962-9316604MZA	C	10/26/2015	2	E2V		Y	CY7C274-55LMB	662
5962-9316605MUA	C	10/26/2015	2	E2V		Y	CY7C274-45DMB	662
5962-9316605MZA	C	10/26/2015	2	E2V		Y	CY7C274-45LMB	662
5962-9316606MUA	C	10/26/2015	2	E2V		Y	CY7C274-35DMB	662
5962-9316606MZA	C	10/26/2015	2	E2V		Y	CY7C274-35LMB	662
5962-9316801MXC	B	11/15/2013		(NONE)	10/31/1996		7192 (GEN)	431
5962-9316802MXC	B	11/15/2013		(NONE)	10/31/1996		7192 (GEN)	431
5962-9317001MXC	A	02/02/1996		(NONE)	06/29/2001		68230-8 (GEN)	420
5962-9317001MYA	A	02/02/1996		(NONE)	06/29/2001		68230-8 (GEN)	420
5962-9317002MXC	A	02/02/1996		(NONE)	06/29/2001		68230-10 (GEN)	420
5962-9317002MYA	A	02/02/1996		(NONE)	06/29/2001		68230-10 (GEN)	420
5962-9317301MXA	A	01/24/2013		(NONE)			7C451-30 (GEN)	670
5962-9317301MYA	A	01/24/2013		(NONE)			7C451-30 (GEN)	670
5962-9317302MXA	A	01/24/2013		(NONE)			7C451-20 (GEN)	670
5962-9317302MYA	A	01/24/2013		(NONE)			7C451-20 (GEN)	670
5962-9317303MXA	A	01/24/2013		(NONE)			7C451-14 (GEN)	670
5962-9317303MYA	A	01/24/2013		(NONE)			7C451-14 (GEN)	670
5962-9317401MXA	F	06/24/2016	3	TI		Y	SNJ54ABT16244WD	529
5962-9317402QXA	F	06/24/2016	2	E2V		Y	54ABT16244W-QML	529
5962-9317501MXA	D	08/26/2015	1	TI		Y	SNJ54ABT16245WD	590
5962-9317502QXA	D	08/26/2015	2	E2V		Y	54ABT16245W-QML	590
5962-9317601QCA	A	07/14/1994		(NONE)	09/30/1995		88914 (GEN)	550
5962-9317601QDA	A	07/14/1994		(NONE)	09/30/1995		88914 (GEN)	550
5962-9317701MUA	G	02/10/2017	3	E2V		Y	CY7C462A-50/MUA	670
5962-9317701MXA	G	02/10/2017	3	E2V		Y	CY7C462A-50DMB	670

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9317701MYA	G	02/10/2017	3	E2V		Y	CY7C462A-50LMB	670
5962-9317701MZA	G	02/10/2017	3	E2V		Y	CY7C462A-50KMB	670
5962-9317702QNC	G	02/10/2017	2	ATMEL NANTES		Y	MMDP-67206FV-30MQ	670
5962-9317702VNC	G	02/10/2017	2	ATMEL NANTES		Y	SMDP-67206FV-30SV	670
5962D9317702VNC	G	02/10/2017	2	ATMEL NANTES		Y	SMDP-67206FV-30SR	670
5962-9317702QTC	G	02/10/2017	2	ATMEL NANTES		Y	MMCP-67206FV-30MQ	670
5962-9317702VTC	G	02/10/2017	2	ATMEL NANTES		Y	SMCP-67206FV-30SV	670
5962D9317702VTC	G	02/10/2017	2	ATMEL NANTES		Y	SMCP-67206FV-30SR	670
5962-9317702MUA	G	02/10/2017	3	E2V		Y	CY7C462A-30/MUA	670
5962-9317702QUC	G	02/10/2017		(NONE)			67206-30 (GEN)	670
5962-9317702VUC	G	02/10/2017		(NONE)			67206-30 (GEN)	670
5962-9317702MXA	G	02/10/2017	3	E2V		Y	CY7C462A-30DMB	670
5962-9317702MXA	G	02/10/2017	1	IDT		Y	IDT7206L30DB	670
5962-9317702MYA	G	02/10/2017	3	E2V		Y	CY7C462A-30LMB	670
5962-9317702MYA	G	02/10/2017	1	IDT		Y	IDT7206L30LB	670
5962-9317702MZA	G	02/10/2017	3	E2V		Y	CY7C462A-30KMB	670
5962-9317702QZC	G	02/10/2017		(NONE)			67206-30 (GEN)	670
5962-9317702VZC	G	02/10/2017		(NONE)			67206-30 (GEN)	670
5962-9317703MUA	G	02/10/2017	3	E2V		Y	CY7C462A-20/MUA	670
5962-9317703MXA	G	02/10/2017	3	E2V		Y	CY7C462A-20DMB	670
5962-9317703MXA	G	02/10/2017	1	IDT		Y	IDT7206L20DB	670
5962-9317703MYA	G	02/10/2017	3	E2V		Y	CY7C462A-20LMB	670
5962-9317703MYA	G	02/10/2017	1	IDT		Y	IDT7206L20LB	670
5962-9317703MZA	G	02/10/2017	3	E2V		Y	CY7C462A-20KMB	670
5962-9317704QNC	G	02/10/2017	2	ATMEL NANTES		Y	MMDP-67206FV-15MQ	670
5962-9317704VNC	G	02/10/2017	2	ATMEL NANTES		Y	SMDP-67206FV-15SV	670
5962D9317704VNC	G	02/10/2017	2	ATMEL NANTES		Y	SMDP-67206FV-15SR	670
5962-9317704QTC	G	02/10/2017	2	ATMEL NANTES		Y	MMCP-67206FV-15MQ	670
5962-9317704VTC	G	02/10/2017	2	ATMEL NANTES		Y	SMCP-67206FV-15SV	670
5962D9317704VTC	G	02/10/2017	2	ATMEL NANTES		Y	SMCP-67206FV-15SR	670
5962-9317704QUC	G	02/10/2017		(NONE)			67206-15 (GEN)	670
5962-9317704VUC	G	02/10/2017		(NONE)			67206-15 (GEN)	670
5962-9317704QZC	G	02/10/2017		(NONE)			67206-15 (GEN)	670
5962-9317704VZC	G	02/10/2017		(NONE)			67206-15 (GEN)	670
5962-9317705QNC	G	02/10/2017	2	ATMEL NANTES		Y	MMDP-672061FV-30MQ	670
5962-9317705VNC	G	02/10/2017	2	ATMEL NANTES		Y	SMDP-672061FV-30SV	670
5962D9317705VNC	G	02/10/2017	2	ATMEL NANTES		Y	SMDP-672061FV-30SR	670
5962-9317705QTC	G	02/10/2017	2	ATMEL NANTES		Y	MMCP-672061FV-30MQ	670
5962-9317705VTC	G	02/10/2017	2	ATMEL NANTES		Y	SMCP-672061FV-30SV	670
5962D9317705VTC	G	02/10/2017	2	ATMEL NANTES		Y	SMCP-672061FV-30SR	670
5962-9317705QUC	G	02/10/2017		(NONE)			672061-30 (GEN)	670
5962-9317705VUC	G	02/10/2017		(NONE)			672061-30 (GEN)	670
5962-9317705QZC	G	02/10/2017		(NONE)			672061-30 (GEN)	670
5962-9317705VZC	G	02/10/2017		(NONE)			672061-30 (GEN)	670
5962-9317706QNC	G	02/10/2017	2	ATMEL NANTES		Y	MMDP-672061FV-15MQ	670
5962-9317706VNC	G	02/10/2017	2	ATMEL NANTES		Y	SMDP-672061FV-15SV	670
5962D9317706VNC	G	02/10/2017	2	ATMEL NANTES		Y	SMDP-672061FV-15SR	670
5962-9317706QTC	G	02/10/2017	2	ATMEL NANTES		Y	MMCP-672061FV-15MQ	670
5962-9317706VTC	G	02/10/2017	2	ATMEL NANTES		Y	SMCP-672061FV-15SV	670



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5962D9317706VTC	G	02/10/2017	2	ATMEL NANTES		Y SMCP-672061FV-15SR		670
5962-9317706QUC	G	02/10/2017		(NONE)		672061-15 (GEN)		670
5962-9317706VUC	G	02/10/2017		(NONE)		672061-15 (GEN)		670
5962-9317706QZC	G	02/10/2017		(NONE)		672061-15 (GEN)		670
5962-9317706VZC	G	02/10/2017		(NONE)		672061-15 (GEN)		670
5962-9317707QNC	G	02/10/2017	2	ATMEL NANTES		Y MMDP-67206HV-30MQ		670
5962-9317707VNC	G	02/10/2017	2	ATMEL NANTES		Y SMDP-67206HV-30SV		670
5962D9317707VNC	G	02/10/2017	2	ATMEL NANTES		Y SMDP-67206HV-30SR		670
5962-9317707QTC	G	02/10/2017	2	ATMEL NANTES		Y MMCP-67206HV-30MQ		670
5962-9317707VTC	G	02/10/2017	2	ATMEL NANTES		Y SMCP-67206HV-30SV		670
5962D9317707VTC	G	02/10/2017	2	ATMEL NANTES		Y SMCP-67206HV-30SR		670
5962-9317708QNC	G	02/10/2017	2	ATMEL NANTES		Y MMDP-67206HV-15MQ		670
5962-9317708VNC	G	02/10/2017	2	ATMEL NANTES		Y SMDP-67206HV-15SV		670
5962D9317708VNC	G	02/10/2017	2	ATMEL NANTES		Y SMDP-67206HV-15SR		670
5962-9317708QTC	G	02/10/2017	2	ATMEL NANTES		Y MMCP-67206HV-15MQ		670
5962-9317708VTC	G	02/10/2017	2	ATMEL NANTES		Y SMCP-67206HV-15SV		670
5962D9317708VTC	G	02/10/2017	2	ATMEL NANTES		Y SMCP-67206HV-15SR		670
5962-9317709QNC	G	02/10/2017	2	ATMEL NANTES		Y MMDP-672061HV-30MQ		670
5962-9317709VNC	G	02/10/2017	2	ATMEL NANTES		Y SMDP-672061HV-30SV		670
5962D9317709VNC	G	02/10/2017	2	ATMEL NANTES		Y SMDP-672061HV-30SR		670
5962-9317709QTC	G	02/10/2017	2	ATMEL NANTES		Y MMCP-672061HV-30MQ		670
5962-9317709VTC	G	02/10/2017	2	ATMEL NANTES		Y SMCP-672061HV-30SV		670
5962D9317709VTC	G	02/10/2017	2	ATMEL NANTES		Y SMCP-672061HV-30SR		670
5962-9317710QNC	G	02/10/2017	2	ATMEL NANTES		Y MMDP-672061HV-15MQ		670
5962-9317710VNC	G	02/10/2017	2	ATMEL NANTES		Y SMDP-672061HV-15SV		670
5962D9317710VNC	G	02/10/2017	2	ATMEL NANTES		Y SMDP-672061HV-15SR		670
5962-9317710QTC	G	02/10/2017	2	ATMEL NANTES		Y MMCP-672061HV-15MQ		670
5962-9317710VTC	G	02/10/2017	2	ATMEL NANTES		Y SMCP-672061HV-15SV		670
5962D9317710VTC	G	02/10/2017	2	ATMEL NANTES		Y SMCP-672061HV-15SR		670
5962-9317801MZC	B	03/10/2008		(NONE)		MRG064-128 (GEN)		899
5962-9317901MLA	C	03/13/2014	1	ANALOG (3)		Y AD7876TQ/883B		592
5962-9318001MRA	B	04/08/2014		(NONE)	08/30/2015	MAX333 (GEN)		199
5962-9318201M2A	E	05/04/2011	3	TI		Y TLC2274MFKB		713
5962-9318201MCA	E	05/04/2011	3	TI		Y TLC2274MJB		713
5962-9318201QDA	E	05/04/2011	3	TI		Y TLC2274MWB		713
5962-9318202Q2A	E	05/04/2011	3	TI		Y TLC2274AMFKB		713
5962-9318202QCA	E	05/04/2011	3	TI		Y TLC2274AMJB		713
5962-9318202QDA	E	05/04/2011	3	TI		Y TLC2274AMWB		713
5962-9318301Q2A	D	05/02/2014	2	TI		Y SNJ55LBC176FK		590
5962-9318301QPA	D	05/02/2014	2	TI		Y SNJ55LBC176JG		590
5962-9318401MPA	B	07/07/2008		(NONE)	03/30/2001	LT1229 (GEN)		752
5962-9318402MCA	B	07/07/2008		(NONE)	03/30/2001	LT1230 (GEN)		752
5962-9318601M3A	C	09/09/2013	1	TI		Y SNJ54ABT8245FK		399
5962-9318601MLA	C	09/09/2013	1	TI		Y SNJ54ABT8245JT		399
5962-9318701H4C	M	01/23/2018	1	MERCURY		Y WS128K32N-120H1Q		629
5962-9318701H5A	M	01/23/2018	1	MERCURY		Y WS128K32-120H1Q		629
5962-9318701H5C	M	01/23/2018	1	MERCURY		Y WS128K32-120H1Q		629
5962-9318701HTA	M	01/23/2018		(NONE)		128K32-120 (GEN)		629
5962-9318701HUA	M	01/23/2018		(NONE)		128K32-120 (GEN)		629



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5962-9318701HXA	M	01/23/2018		(NONE)			128K32-120 (GEN)	629
5962-9318701HYA	M	01/23/2018		(NONE)			128K32-120 (GEN)	629
5962-9318702H4A	M	01/23/2018	1	MERCURY		Y	WS128K32N-100H1Q	629
5962-9318702H4C	M	01/23/2018	1	MERCURY		Y	WS128K32N-100H1Q	629
5962-9318702H5A	M	01/23/2018	1	MERCURY		Y	WS128K32-100H1Q	629
5962-9318702H5C	M	01/23/2018	1	MERCURY		Y	WS128K32-100H1Q	629
5962-9318702HTA	M	01/23/2018		(NONE)			128K32-100 (GEN)	629
5962-9318702HUA	M	01/23/2018		(NONE)			128K32-100 (GEN)	629
5962-9318702HXA	M	01/23/2018		(NONE)			128K32-100 (GEN)	629
5962-9318702HYA	M	01/23/2018		(NONE)			128K32-100 (GEN)	629
5962-9318703H4A	M	01/23/2018	1	MERCURY		Y	WS128K32N-85H1Q	629
5962-9318703H4C	M	01/23/2018	1	MERCURY		Y	WS128K32N-85H1Q	629
5962-9318703H5A	M	01/23/2018	1	MERCURY		Y	WS128K32-85H1Q	629
5962-9318703H5C	M	01/23/2018	1	MERCURY		Y	WS128K32-85H1Q	629
5962-9318703HTA	M	01/23/2018		(NONE)			128K32-85 (GEN)	629
5962-9318703HUA	M	01/23/2018		(NONE)			128K32-85 (GEN)	629
5962-9318703HXA	M	01/23/2018		(NONE)			128K32-85 (GEN)	629
5962-9318703HYA	M	01/23/2018		(NONE)			128K32-85 (GEN)	629
5962-9318704H4A	M	01/23/2018	1	MERCURY		Y	WS128K32N-70H1Q	629
5962-9318704H4C	M	01/23/2018	1	MERCURY		Y	WS128K32N-70H1Q	629
5962-9318704H5A	M	01/23/2018	1	MERCURY		Y	WS128K32-70H1Q	629
5962-9318704H5C	M	01/23/2018	1	MERCURY		Y	WS128K32-70H1Q	629
5962-9318704HTA	M	01/23/2018		(NONE)			128K32-70 (GEN)	629
5962-9318704HUA	M	01/23/2018		(NONE)			128K32-70 (GEN)	629
5962-9318704HXA	M	01/23/2018		(NONE)			128K32-70 (GEN)	629
5962-9318704HYA	M	01/23/2018		(NONE)			128K32-70 (GEN)	629
5962-9318705H4A	M	01/23/2018	1	MERCURY		Y	WS128K32N-55H1Q	629
5962-9318705H4A	M	01/23/2018	1	MICROSS		Y	AS8S128K32PN-55	629
5962-9318705H4C	M	01/23/2018	1	MERCURY		Y	WS128K32N-55H1Q	629
5962-9318705H4C	M	01/23/2018	1	MICROSS		Y	AS8S128K32PN-55	629
5962-9318705H5A	M	01/23/2018	1	MERCURY		Y	WS128K32-55H1Q	629
5962-9318705H5A	M	01/23/2018	1	MICROSS		Y	AS8S128K32P-55	629
5962-9318705H5C	M	01/23/2018	1	MERCURY		Y	WS128K32-55H1Q	629
5962-9318705H5C	M	01/23/2018	1	MICROSS		Y	AS8S128K32P-55	629
5962-9318705HMA	M	01/23/2018		(NONE)			128K32-55 (GEN)	629
5962-9318705HNA	M	01/23/2018		(NONE)			128K32-55 (GEN)	629
5962-9318705HTA	M	01/23/2018		(NONE)			128K32-55 (GEN)	629
5962-9318705HUA	M	01/23/2018		(NONE)			128K32-55 (GEN)	629
5962-9318705HXA	M	01/23/2018		(NONE)			128K32-55 (GEN)	629
5962-9318705HYA	M	01/23/2018		(NONE)			128K32-55 (GEN)	629
5962-9318706H4A	M	01/23/2018	1	MERCURY		Y	WS128K32N-45H1Q	629
5962-9318706H4A	M	01/23/2018	1	MICROSS		Y	AS8S128K32PN-45	629
5962-9318706H4C	M	01/23/2018	1	MERCURY		Y	WS128K32N-45H1Q	629
5962-9318706H4C	M	01/23/2018	1	MICROSS		Y	AS8S128K32PN-45	629
5962-9318706H5A	M	01/23/2018	1	MERCURY		Y	WS128K32-45H1Q	629
5962-9318706H5A	M	01/23/2018	1	MICROSS		Y	AS8S128K32P-45	629
5962-9318706H5C	M	01/23/2018	1	MERCURY		Y	WS128K32-45H1Q	629
5962-9318706H5C	M	01/23/2018	1	MICROSS		Y	AS8S128K32P-45	629
5962-9318706HMA	M	01/23/2018		(NONE)			128K32-45 (GEN)	629

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5962-9318706HNA	M	01/23/2018		(NONE)			128K32-45 (GEN)	629
5962-9318706HTA	M	01/23/2018		(NONE)			128K32-45 (GEN)	629
5962-9318706HUA	M	01/23/2018		(NONE)			128K32-45 (GEN)	629
5962-9318706HXA	M	01/23/2018		(NONE)			128K32-45 (GEN)	629
5962-9318706HYA	M	01/23/2018		(NONE)			128K32-45 (GEN)	629
5962-9318707H4A	M	01/23/2018	1	MERCURY		Y	WS128K32N-35H1Q	629
5962-9318707H4A	M	01/23/2018	1	MICROSS		Y	AS8S128K32PN-35	629
5962-9318707H4C	M	01/23/2018	1	MERCURY		Y	WS128K32N-35H1Q	629
5962-9318707H4C	M	01/23/2018	1	MICROSS		Y	AS8S128K32PN-35	629
5962-9318707H5A	M	01/23/2018	1	MERCURY		Y	WS128K32-35H1Q	629
5962-9318707H5A	M	01/23/2018	1	MICROSS		Y	AS8S128K32P-35	629
5962-9318707H5C	M	01/23/2018	1	MERCURY		Y	WS128K32-35H1Q	629
5962-9318707H5C	M	01/23/2018	1	MICROSS		Y	AS8S128K32P-35	629
5962-9318707HMA	M	01/23/2018		(NONE)			128K32-35 (GEN)	629
5962-9318707HNA	M	01/23/2018		(NONE)			128K32-35 (GEN)	629
5962-9318707HTA	M	01/23/2018		(NONE)			128K32-35 (GEN)	629
5962-9318707HUA	M	01/23/2018		(NONE)			128K32-35 (GEN)	629
5962-9318707HXA	M	01/23/2018		(NONE)			128K32-35 (GEN)	629
5962-9318707HYA	M	01/23/2018		(NONE)			128K32-35 (GEN)	629
5962-9318708H4A	M	01/23/2018	1	MERCURY		Y	WS128K32N-25H1Q	629
5962-9318708H4A	M	01/23/2018	1	MICROSS		Y	AS8S128K32PN-25	629
5962-9318708H4C	M	01/23/2018	1	MERCURY		Y	WS128K32N-25H1Q	629
5962-9318708H4C	M	01/23/2018	1	MICROSS		Y	AS8S128K32PN-25	629
5962-9318708H5A	M	01/23/2018	1	MERCURY		Y	WS128K32-25H1Q	629
5962-9318708H5A	M	01/23/2018	1	MICROSS		Y	AS8S128K32P-25	629
5962-9318708H5C	M	01/23/2018	1	MERCURY		Y	WS128K32-25H1Q	629
5962-9318708H5C	M	01/23/2018	1	MICROSS		Y	AS8S128K32P-25	629
5962-9318708H5C	M	01/23/2018	1	MICROSS		Y	AS8S128K32P-25/883C	629
5962-9318708HNA	M	01/23/2018		(NONE)			128K32-25 (GEN)	629
5962-9318708HTC	M	01/23/2018		(NONE)			128K32-25 (GEN)	629
5962-9318708HUA	M	01/23/2018		(NONE)			128K32-25 (GEN)	629
5962-9318708HXA	M	01/23/2018		(NONE)			128K32-25 (GEN)	629
5962-9318708HYA	M	01/23/2018		(NONE)			128K32-25 (GEN)	629
5962-9318709H4A	M	01/23/2018	1	MERCURY		Y	WS128K32N-20H1Q	629
5962-9318709H4A	M	01/23/2018	1	MICROSS		Y	AS8S128K32PN-20	629
5962-9318709H4C	M	01/23/2018	1	MERCURY		Y	WS128K32N-20H1Q	629
5962-9318709H4C	M	01/23/2018	1	MICROSS		Y	AS8S128K32PN-20	629
5962-9318709H5A	M	01/23/2018	1	MERCURY		Y	WS128K32-20H1Q	629
5962-9318709H5A	M	01/23/2018	1	MICROSS		Y	AS8S128K32P-20	629
5962-9318709H5C	M	01/23/2018	1	MERCURY		Y	WS128K32-20H1Q	629
5962-9318709H5C	M	01/23/2018	1	MICROSS		Y	AS8S128K32P-20	629
5962-9318709HMA	M	01/23/2018		(NONE)			128K32-20 (GEN)	629
5962-9318709HNA	M	01/23/2018		(NONE)			128K32-20 (GEN)	629
5962-9318709HTA	M	01/23/2018		(NONE)			128K32-20 (GEN)	629
5962-9318709HUA	M	01/23/2018		(NONE)			128K32-20 (GEN)	629
5962-9318709HXA	M	01/23/2018		(NONE)			128K32-20 (GEN)	629
5962-9318709HYA	M	01/23/2018		(NONE)			128K32-20 (GEN)	629
5962-9318710H4A	M	01/23/2018	1	MERCURY		Y	WS128K32N-17H1Q	629
5962-9318710H4A	M	01/23/2018	1	MICROSS		Y	AS8S128K32PN-17	629

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5962-9318710H4C	M	01/23/2018	1	MERCURY		Y WS128K32N-17H1Q		629
5962-9318710H4C	M	01/23/2018	1	MICROSS		Y AS8S128K32PN-17		629
5962-9318710H5A	M	01/23/2018	1	MERCURY		Y WS128K32-17H1Q		629
5962-9318710H5A	M	01/23/2018	1	MICROSS		Y AS8S128K32P-17		629
5962-9318710H5C	M	01/23/2018	1	MERCURY		Y WS128K32-17H1Q		629
5962-9318710H5C	M	01/23/2018	1	MICROSS		Y AS8S128K32P-17		629
5962-9318710HMA	M	01/23/2018		(NONE)		128K32-17 (GEN)		629
5962-9318710HNA	M	01/23/2018		(NONE)		128K32-17 (GEN)		629
5962-9318710HTA	M	01/23/2018		(NONE)		128K32-17 (GEN)		629
5962-9318710HUA	M	01/23/2018		(NONE)		128K32-17 (GEN)		629
5962-9318710HXA	M	01/23/2018		(NONE)		128K32-17 (GEN)		629
5962-9318710HYA	M	01/23/2018		(NONE)		128K32-17 (GEN)		629
5962-9318711H4A	M	01/23/2018	1	MERCURY		Y WS128K32N-15H1Q		629
5962-9318711H4C	M	01/23/2018	1	MERCURY		Y WS128K32N-15H1Q		629
5962-9318711H5A	M	01/23/2018	1	MERCURY		Y WS128K32-15H1Q		629
5962-9318711H5C	M	01/23/2018	1	MERCURY		Y WS128K32-15H1Q		629
5962-9318712H4A	M	01/23/2018	1	MERCURY		Y WS128K32NH-55H1Q		629
5962-9318712H4A	M	01/23/2018	1	MICROSS		Y AS8S128K32PN-55		629
5962-9318712H4C	M	01/23/2018	1	MERCURY		Y WS128K32NH-55H1Q		629
5962-9318712H4C	M	01/23/2018	1	MICROSS		Y AS8S128K32PN-55		629
5962-9318712H5A	M	01/23/2018	1	MERCURY		Y WS128K32H-55H1Q		629
5962-9318712H5A	M	01/23/2018	1	MICROSS		Y AS8S128K32P-55		629
5962-9318712H5C	M	01/23/2018	1	MERCURY		Y WS128K32H-55H1Q		629
5962-9318712H5C	M	01/23/2018	1	MICROSS		Y AS8S128K32P-55		629
5962-9318712HMA	M	01/23/2018		(NONE)		128K32-55 (GEN)		629
5962-9318712HNA	M	01/23/2018		(NONE)		128K32-55 (GEN)		629
5962-9318712HTA	M	01/23/2018		(NONE)		128K32-55 (GEN)		629
5962-9318712HUA	M	01/23/2018		(NONE)		128K32-55 (GEN)		629
5962-9318712HXA	M	01/23/2018		(NONE)		128K32-55 (GEN)		629
5962-9318713H4A	M	01/23/2018	1	MERCURY		Y WS128K32NH-45H1Q		629
5962-9318713H4C	M	01/23/2018	1	MERCURY		Y WS128K32NH-45H1Q		629
5962-9318713H5A	M	01/23/2018	1	MERCURY		Y WS128K32H-45H1Q		629
5962-9318713H5C	M	01/23/2018	1	MERCURY		Y WS128K32H-45H1Q		629
5962-9318713HMA	M	01/23/2018		(NONE)		128K32-45 (GEN)		629
5962-9318713HNA	M	01/23/2018		(NONE)		128K32-45 (GEN)		629
5962-9318713HTA	M	01/23/2018		(NONE)		128K32-45 (GEN)		629
5962-9318713HUA	M	01/23/2018		(NONE)		128K32-45 (GEN)		629
5962-9318713HXA	M	01/23/2018		(NONE)		128K32-45 (GEN)		629
5962-9318713HYA	M	01/23/2018		(NONE)		128K32-45 (GEN)		629
5962-9318714H4A	M	01/23/2018	1	MERCURY		Y WS128K32NH-35H1Q		629
5962-9318714H4C	M	01/23/2018	1	MERCURY		Y WS128K32NH-35H1Q		629
5962-9318714H5A	M	01/23/2018	1	MERCURY		Y WS128K32H-35H1Q		629
5962-9318714H5C	M	01/23/2018	1	MERCURY		Y WS128K32H-35H1Q		629
5962-9318714HMA	M	01/23/2018		(NONE)		128K32-35 (GEN)		629
5962-9318714HNA	M	01/23/2018		(NONE)		128K32-35 (GEN)		629
5962-9318714HTA	M	01/23/2018		(NONE)		128K32-35 (GEN)		629
5962-9318714HUA	M	01/23/2018		(NONE)		128K32-35 (GEN)		629
5962-9318714HXA	M	01/23/2018		(NONE)		128K32-35 (GEN)		629
5962-9318714HYA	M	01/23/2018		(NONE)		128K32-35 (GEN)		629

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5962-9318715H4A	M	01/23/2018	1	MERCURY		Y WS128K32NH-25H1Q		629
5962-9318715H4C	M	01/23/2018	1	MERCURY		Y WS128K32NH-25H1Q		629
5962-9318715H5A	M	01/23/2018	1	MERCURY		Y WS128K32H-25H1Q		629
5962-9318715H5C	M	01/23/2018	1	MERCURY		Y WS128K32H-25H1Q		629
5962-9318715HMA	M	01/23/2018		(NONE)		128K32-25 (GEN)		629
5962-9318715HNA	M	01/23/2018		(NONE)		128K32-25 (GEN)		629
5962-9318715HTA	M	01/23/2018		(NONE)		128K32-25 (GEN)		629
5962-9318715HUA	M	01/23/2018		(NONE)		128K32-25 (GEN)		629
5962-9318715HXA	M	01/23/2018		(NONE)		128K32-25 (GEN)		629
5962-9318715HYA	M	01/23/2018		(NONE)		128K32-25 (GEN)		629
5962-9318716H4A	M	01/23/2018	1	MERCURY		Y WS128K32NH-20H1Q		629
5962-9318716H4C	M	01/23/2018	1	MERCURY		Y WS128K32NH-20H1Q		629
5962-9318716H5A	M	01/23/2018	1	MERCURY		Y WS128K32H-20H1Q		629
5962-9318716H5C	M	01/23/2018	1	MERCURY		Y WS128K32H-20H1Q		629
5962-9318716HMA	M	01/23/2018		(NONE)		128K32-20 (GEN)		629
5962-9318716HNA	M	01/23/2018		(NONE)		128K32-20 (GEN)		629
5962-9318716HTA	M	01/23/2018		(NONE)		128K32-20 (GEN)		629
5962-9318716HUA	M	01/23/2018		(NONE)		128K32-20 (GEN)		629
5962-9318716HXA	M	01/23/2018		(NONE)		128K32-20 (GEN)		629
5962-9318716HYA	M	01/23/2018		(NONE)		128K32-20 (GEN)		629
5962-9318717H4A	M	01/23/2018	1	MERCURY		Y WS128K32NH-17H1Q		629
5962-9318717H4C	M	01/23/2018	1	MERCURY		Y WS128K32NH-17H1Q		629
5962-9318717H5A	M	01/23/2018	1	MERCURY		Y WS128K32H-17H1Q		629
5962-9318717H5C	M	01/23/2018	1	MERCURY		Y WS128K32H-17H1Q		629
5962-9318717HMA	M	01/23/2018		(NONE)		128K32-17 (GEN)		629
5962-9318717HNA	M	01/23/2018		(NONE)		128K32-17 (GEN)		629
5962-9318717HTA	M	01/23/2018		(NONE)		128K32-17 (GEN)		629
5962-9318717HUA	M	01/23/2018		(NONE)		128K32-17 (GEN)		629
5962-9318717HXA	M	01/23/2018		(NONE)		128K32-17 (GEN)		629
5962-9318717HYA	M	01/23/2018		(NONE)		128K32-17 (GEN)		629
5962-9318718H4A	M	01/23/2018	1	MERCURY		Y WS128K32NH-15H1Q		629
5962-9318718H4C	M	01/23/2018	1	MERCURY		Y WS128K32NH-15H1Q		629
5962-9318718H5A	M	01/23/2018	1	MERCURY		Y WS128K32H-15H1Q		629
5962-9318718H5C	M	01/23/2018	1	MERCURY		Y WS128K32H-15H1Q		629
5962-9318801M2A	D	12/22/2014	3	E2V		Y 54ABT240LMQB		529
5962-9318801M2A	D	12/22/2014	2	TI		Y SNJ54ABT240FK		529
5962-9318801Q2A	D	12/22/2014	3	E2V		Y 54ABT240E-QML		529
5962-9318801MRA	D	12/22/2014	3	E2V		Y 54ABT240DMQB		529
5962-9318801MRA	D	12/22/2014	2	TI		Y SNJ54ABT240J		529
5962-9318801QRA	D	12/22/2014	3	E2V		Y 54ABT240J-QML		529
5962-9318801MSA	D	12/22/2014	3	E2V		Y 54ABT240FMQB		529
5962-9318801MSA	D	12/22/2014	2	TI		Y SNJ54ABT240W		529
5962-9318801QSA	D	12/22/2014	3	E2V		Y 54ABT240W-QML		529
5962-9318901MXA	D	03/25/2013		(NONE)	10/26/1998	7224550 (GEN)		670
5962-9318901MYA	D	03/25/2013		(NONE)	10/26/1998	7224550 (GEN)		670
5962-9318902MXA	D	03/25/2013		(NONE)	10/26/1998	7224535 (GEN)		670
5962-9318902MYA	D	03/25/2013		(NONE)	10/26/1998	7224535 (GEN)		670
5962-9318903MXA	D	03/25/2013		(NONE)	10/26/1998	7224525 (GEN)		670
5962-9318903MYA	D	03/25/2013		(NONE)	10/26/1998	7224525 (GEN)		670

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5962-9319001MPA	B	08/17/2015		(NONE)	03/30/2001		LT1241 (GEN)	787
5962-9319002MPA	B	08/17/2015		(NONE)	03/30/2001		LT1242 (GEN)	787
5962-9319003MPA	B	08/17/2015		(NONE)	03/30/2001		LT1243 (GEN)	787
5962-9319004MPA	B	08/17/2015	1	MICROSS		Y	MTLT1244QD8	787
5962-9319005MPA	B	08/17/2015		(NONE)	03/30/2001		LT1245 (GEN)	787
5962-9319101HTA	G	10/03/2017		(NONE)			MFL2805D (GEN)	594
5962-9319101HUA	G	10/03/2017		(NONE)			MFL2805D (GEN)	594
5962-9319101HXA	G	10/03/2017	1	CRANE		Y	MFL2805D/883	594
5962-9319101HXC	G	10/03/2017	1	CRANE		Y	MFL2805D/883	594
5962-9319101HYA	G	10/03/2017		(NONE)			MFL2805D (GEN)	594
5962-9319101HZA	G	10/03/2017		(NONE)			MFL2805D (GEN)	594
5962-9319102HTA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962L9319102HTA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962L9319102KTA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962P9319102HTA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962P9319102KTA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962R9319102HTA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962R9319102KTA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962-9319102HUA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962L9319102HUA	G	10/03/2017	1	CRANE		Y	SMFL2805DV/HL	594
5962L9319102HUC	G	10/03/2017	1	CRANE		Y	SMFL2805DV/HL	594
5962L9319102KUA	G	10/03/2017	1	CRANE		Y	SMFL2805DV/KL	594
5962L9319102KUC	G	10/03/2017	1	CRANE		Y	SMFL2805DV/KL	594
5962P9319102HUA	G	10/03/2017	3B	CRANE		Y	SMFL2805DV/HP	594
5962P9319102HUC	G	10/03/2017	3B	CRANE		Y	SMFL2805DV/HP	594
5962P9319102KUA	G	10/03/2017	3B	CRANE		Y	SMFL2805DV/KP	594
5962P9319102KUC	G	10/03/2017	3B	CRANE		Y	SMFL2805DV/KP	594
5962R9319102HUA	G	10/03/2017	3B	CRANE		Y	SMFL2805DV/HR	594
5962R9319102HUC	G	10/03/2017	3B	CRANE		Y	SMFL2805DV/HR	594
5962R9319102KUA	G	10/03/2017	3B	CRANE		Y	SMFL2805DV/KR	594
5962R9319102KUC	G	10/03/2017	3B	CRANE		Y	SMFL2805DV/KR	594
5962-9319102HXA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962L9319102HXA	G	10/03/2017	1	CRANE		Y	SMFL2805D/HL	594
5962L9319102HXC	G	10/03/2017	1	CRANE		Y	SMFL2805D/HL	594
5962L9319102KXA	G	10/03/2017	1	CRANE		Y	SMFL2805D/KL	594
5962L9319102KXC	G	10/03/2017	1	CRANE		Y	SMFL2805D/KL	594
5962P9319102HXA	G	10/03/2017	3B	CRANE		Y	SMFL2805D/HP	594
5962P9319102HXC	G	10/03/2017	3B	CRANE		Y	SMFL2805D/HP	594
5962P9319102KXA	G	10/03/2017	3B	CRANE		Y	SMFL2805D/KP	594
5962P9319102KXC	G	10/03/2017	3B	CRANE		Y	SMFL2805D/KP	594
5962R9319102HXA	G	10/03/2017	3B	CRANE		Y	SMFL2805D/HR	594
5962R9319102HXC	G	10/03/2017	3B	CRANE		Y	SMFL2805D/HR	594
5962R9319102KXA	G	10/03/2017	3B	CRANE		Y	SMFL2805D/KR	594
5962R9319102KXC	G	10/03/2017	3B	CRANE		Y	SMFL2805D/KR	594
5962-9319102HYA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962L9319102HYA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962L9319102KYA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962P9319102HYA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962P9319102KYA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594



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5962R9319102HYA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962R9319102KYA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962-9319102HZA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962L9319102HZA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962L9319102KZA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962P9319102HZA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962P9319102KZA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962R9319102HZA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962R9319102KZA	G	10/03/2017		(NONE)			SMFL2805D (GEN)	594
5962-9319201HTA	H	10/03/2017		(NONE)			MFL2812D (GEN)	594
5962-9319201HUA	H	10/03/2017		(NONE)			MFL2812D (GEN)	594
5962-9319201HXA	H	10/03/2017	1	CRANE		Y	MFL2812D/883	594
5962-9319201HXC	H	10/03/2017	1	CRANE		Y	MFL2812D/883	594
5962-9319201HYA	H	10/03/2017		(NONE)			MFL2812D (GEN)	594
5962-9319201HZA	H	10/03/2017		(NONE)			MFL2812D (GEN)	594
5962-9319202HTA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962L9319202HTA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962L9319202KTA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962P9319202HTA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962P9319202KTA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962R9319202HTA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962R9319202KTA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962-9319202HUA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962L9319202HUA	H	10/03/2017	1	CRANE		Y	SMFL2812DV/HL	594
5962L9319202HUC	H	10/03/2017	1	CRANE		Y	SMFL2812DV/HL	594
5962L9319202KUA	H	10/03/2017	1	CRANE		Y	SMFL2812DV/KL	594
5962L9319202KUC	H	10/03/2017	1	CRANE		Y	SMFL2812DV/KL	594
5962P9319202HUA	H	10/03/2017	3B	CRANE		Y	SMFL2812DV/HP	594
5962P9319202HUC	H	10/03/2017	3B	CRANE		Y	SMFL2812DV/HP	594
5962P9319202KUA	H	10/03/2017	3B	CRANE		Y	SMFL2812DV/KP	594
5962P9319202KUC	H	10/03/2017	3B	CRANE		Y	SMFL2812DV/KP	594
5962R9319202HUA	H	10/03/2017	3B	CRANE		Y	SMFL2812DV/HR	594
5962R9319202HUC	H	10/03/2017	3B	CRANE		Y	SMFL2812DV/HR	594
5962R9319202KUA	H	10/03/2017	3B	CRANE		Y	SMFL2812DV/KR	594
5962R9319202KUC	H	10/03/2017	3B	CRANE		Y	SMFL2812DV/KR	594
5962-9319202HXA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962L9319202HXA	H	10/03/2017	1	CRANE		Y	SMFL2812D/HL	594
5962L9319202HXC	H	10/03/2017	1	CRANE		Y	SMFL2812D/HL	594
5962L9319202KXA	H	10/03/2017	1	CRANE		Y	SMFL2812D/KL	594
5962L9319202KXC	H	10/03/2017	1	CRANE		Y	SMFL2812D/KL	594
5962P9319202HXA	H	10/03/2017	3B	CRANE		Y	SMFL2812D/HP	594
5962P9319202HXC	H	10/03/2017	3B	CRANE		Y	SMFL2812D/HP	594
5962P9319202KXA	H	10/03/2017	3B	CRANE		Y	SMFL2812D/KP	594
5962P9319202KXC	H	10/03/2017	3B	CRANE		Y	SMFL2812D/KP	594
5962R9319202HXA	H	10/03/2017	3B	CRANE		Y	SMFL2812D/HR	594
5962R9319202HXC	H	10/03/2017	3B	CRANE		Y	SMFL2812D/HR	594
5962R9319202KXA	H	10/03/2017	3B	CRANE		Y	SMFL2812D/KR	594
5962R9319202KXC	H	10/03/2017	3B	CRANE		Y	SMFL2812D/KR	594
5962-9319202HYA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594



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5962L9319202HYA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962L9319202KYA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962P9319202HYA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962P9319202KYA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962R9319202HYA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962R9319202KYA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962-9319202HZA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962L9319202HZA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962L9319202KZA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962P9319202HZA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962P9319202KZA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962R9319202HZA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962R9319202KZA	H	10/03/2017		(NONE)			SMFL2812D (GEN)	594
5962-9319301HTA	H	10/03/2017		(NONE)			MFL2815D (GEN)	594
5962-9319301HUA	H	10/03/2017		(NONE)			MFL2815D (GEN)	594
5962-9319301HXA	H	10/03/2017	1	CRANE		Y	MFL2815D/883	594
5962-9319301HXC	H	10/03/2017	1	CRANE		Y	MFL2815D/883	594
5962-9319301HYA	H	10/03/2017		(NONE)			MFL2815D (GEN)	594
5962-9319301HZA	H	10/03/2017		(NONE)			MFL2815D (GEN)	594
5962-9319302HTA	H	10/03/2017		(NONE)			SMFL2815D (GEN)	594
5962L9319302HTA	H	10/03/2017		(NONE)			SMFL2815D (GEN)	594
5962L9319302KTA	H	10/03/2017		(NONE)			SMFL2815D (GEN)	594
5962P9319302HTA	H	10/03/2017		(NONE)			SMFL2815D (GEN)	594
5962P9319302KTA	H	10/03/2017		(NONE)			SMFL2815D (GEN)	594
5962R9319302HTA	H	10/03/2017		(NONE)			SMFL2815D (GEN)	594
5962R9319302KTA	H	10/03/2017		(NONE)			SMFL2815D (GEN)	594
5962-9319302HUA	H	10/03/2017		(NONE)			SMFL2815D (GEN)	594
5962L9319302HUA	H	10/03/2017	1	CRANE		Y	SMFL2815DV/HL	594
5962L9319302HUC	H	10/03/2017	1	CRANE		Y	SMFL2815DV/HL	594
5962L9319302KUA	H	10/03/2017	1	CRANE		Y	SMFL2815DV/KL	594
5962L9319302KUC	H	10/03/2017	1	CRANE		Y	SMFL2815DV/KL	594
5962P9319302HUA	H	10/03/2017	3B	CRANE		Y	SMFL2815DV/HP	594
5962P9319302HUC	H	10/03/2017	3B	CRANE		Y	SMFL2815DV/HP	594
5962P9319302KUA	H	10/03/2017	3B	CRANE		Y	SMFL2815DV/KP	594
5962P9319302KUC	H	10/03/2017	3B	CRANE		Y	SMFL2815DV/KP	594
5962R9319302HUA	H	10/03/2017	3B	CRANE		Y	SMFL2815DV/HR	594
5962R9319302HUC	H	10/03/2017	3B	CRANE		Y	SMFL2815DV/HR	594
5962R9319302KUA	H	10/03/2017	3B	CRANE		Y	SMFL2815DV/KR	594
5962R9319302KUC	H	10/03/2017	3B	CRANE		Y	SMFL2815DV/KR	594
5962-9319302HXA	H	10/03/2017		(NONE)			SMFL2815D (GEN)	594
5962L9319302HXA	H	10/03/2017	1	CRANE		Y	SMFL2815D/HL	594
5962L9319302HXC	H	10/03/2017	1	CRANE		Y	SMFL2815D/HL	594
5962L9319302KXA	H	10/03/2017	1	CRANE		Y	SMFL2815D/KL	594
5962L9319302KXC	H	10/03/2017	1	CRANE		Y	SMFL2815D/KL	594
5962P9319302HXA	H	10/03/2017	3B	CRANE		Y	SMFL2815D/HP	594
5962P9319302HXC	H	10/03/2017	3B	CRANE		Y	SMFL2815D/HP	594
5962P9319302KXA	H	10/03/2017	3B	CRANE		Y	SMFL2815D/KP	594
5962P9319302KXC	H	10/03/2017	3B	CRANE		Y	SMFL2815D/KP	594
5962R9319302HXA	H	10/03/2017	3B	CRANE		Y	SMFL2815D/HR	594

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5962R9319302HXC	H	10/03/2017	3B	CRANE		Y SMFL2815D/HR		594
5962R9319302KXA	H	10/03/2017	3B	CRANE		Y SMFL2815D/KR		594
5962R9319302KXC	H	10/03/2017	3B	CRANE		Y SMFL2815D/KR		594
5962-9319302HYA	H	10/03/2017		(NONE)		SMFL2815D (GEN)		594
5962L9319302HYA	H	10/03/2017		(NONE)		SMFL2815D (GEN)		594
5962L9319302KYA	H	10/03/2017		(NONE)		SMFL2815D (GEN)		594
5962P9319302HYA	H	10/03/2017		(NONE)		SMFL2815D (GEN)		594
5962P9319302KYA	H	10/03/2017		(NONE)		SMFL2815D (GEN)		594
5962R9319302HYA	H	10/03/2017		(NONE)		SMFL2815D (GEN)		594
5962R9319302KYA	H	10/03/2017		(NONE)		SMFL2815D (GEN)		594
5962-9319302HZA	H	10/03/2017		(NONE)		SMFL2815D (GEN)		594
5962L9319302HZA	H	10/03/2017		(NONE)		SMFL2815D (GEN)		594
5962L9319302KZA	H	10/03/2017		(NONE)		SMFL2815D (GEN)		594
5962P9319302HZA	H	10/03/2017		(NONE)		SMFL2815D (GEN)		594
5962P9319302KZA	H	10/03/2017		(NONE)		SMFL2815D (GEN)		594
5962R9319302HZA	H	10/03/2017		(NONE)		SMFL2815D (GEN)		594
5962R9319302KZA	H	10/03/2017		(NONE)		SMFL2815D (GEN)		594
5962-9319401M2A	B	03/19/2008		(NONE)	05/31/1994	3550 (GEN)		575
5962-9319401MEA	B	03/19/2008		(NONE)	05/31/1994	3550 (GEN)		575
5962-9319501MXC	C	08/11/2008		(NONE)		LM12458 (GEN)		433
5962-9319501MYA	C	08/11/2008		(NONE)		LM12458 (GEN)		433
5962-9319502MXC	C	08/11/2008		(NONE)		LM12H458 (GEN)		433
5962-9319502MYA	C	08/11/2008		(NONE)		LM12H458 (GEN)		433
5962-9319502QZA	C	08/11/2008		(NONE)		LM12H458 (GEN)		433
5962-9319601QYC	C	03/08/2018		(NONE)	09/30/1995	88915-55 (GEN)		550
5962-9319601QZC	C	03/08/2018		(NONE)	09/30/1995	88915-55 (GEN)		550
5962-9319602QXC	C	03/08/2018	1	E2V SEMI.		Y TS88915TMWBQ70		550
5962-9319602QZC	C	03/08/2018	1	E2V SEMI.		Y TS88915TMRBQ70		550
5962-9319603QXC	C	03/08/2018	1	E2V SEMI.		Y TS88915TMWBQ100		550
5962-9319603QZC	C	03/08/2018	1	E2V SEMI.		Y TS88915TMRBQ100		550
5962-9319801HXA	D	01/20/2015	1	DATEL		Y ADS-944/883		592
5962-9319801HXC	D	01/20/2015	1	DATEL		Y ADS-944/883		592
5962-9319802HXA	D	01/20/2015		(NONE)		ADS-30189 (GEN)		592
5962-9319803HXA	D	01/20/2015	1	DATEL		Y ADS-30214		592
5962-9319803HXC	D	01/20/2015	1	DATEL		Y ADS-30214		592
5962-9319901MXA	D	08/26/2015	1	TI		Y SNJ54ABT16240WD		529
5962-9320001QXA	E	06/25/2014	2	E2V		Y 54ABT16373W-QML		342
5962-9320001QXA	E	06/25/2014	1	TI		Y SNJ54ABT16373AWD		342
5962-9320101MXA	D	06/25/2015	3	TI		Y SNJ54ABT16374AWD		159
5962-9320101QXA	D	06/25/2015	2	E2V		Y 54ABT16374W-QML		159
5962-9320201HXA	G	04/12/2017	1	CRANE		Y MTR2818S/883		594
5962-9320201HXC	G	04/12/2017	1	CRANE		Y MTR2818S/883		594
5962-9320201HZA	G	04/12/2017	1	CRANE		Y MTR2818SF/883		594
5962-9320201HZC	G	04/12/2017	1	CRANE		Y MTR2818SF/883		594
5962-9320301M2A	D	07/01/2010		(NONE)	12/06/2000	CLC533 (GEN)		192
5962-9320301MEA	D	07/01/2010		(NONE)	12/06/2000	CLC533 (GEN)		192
5962-9320401MEA	C	09/14/2017	1	ANALOG (3)		Y AD7243SQ/883B		899
5962-9320501HXA	F	06/08/2015	1C	CRANE		Y MTR2805D/883		594
5962-9320501HXC	F	06/08/2015	1C	CRANE		Y MTR2805D/883		594

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5962-9320501HZA	F	06/08/2015	1C	CRANE		Y MTR2805DF/883		594
5962-9320501HZC	F	06/08/2015	1C	CRANE		Y MTR2805DF/883		594
5962-9320502HXA	F	06/08/2015		(NONE)		SMTR2805 (GEN)		594
5962L9320502HXA	F	06/08/2015	2	CRANE		Y SMTR2805D/HL		594
5962L9320502HXC	F	06/08/2015	2	CRANE		Y SMTR2805D/HL		594
5962L9320502KXA	F	06/08/2015	2	CRANE		Y SMTR2805D/KL		594
5962L9320502KXC	F	06/08/2015	2	CRANE		Y SMTR2805D/KL		594
5962P9320502HXA	F	06/08/2015	2	CRANE		Y SMTR2805D/HP		594
5962P9320502HXC	F	06/08/2015	2	CRANE		Y SMTR2805D/HP		594
5962P9320502KXA	F	06/08/2015	2	CRANE		Y SMTR2805D/KP		594
5962P9320502KXC	F	06/08/2015	2	CRANE		Y SMTR2805D/KP		594
5962R9320502HXA	F	06/08/2015	2	CRANE		Y SMTR2805D/HR		594
5962R9320502HXC	F	06/08/2015	2	CRANE		Y SMTR2805D/HR		594
5962R9320502KXA	F	06/08/2015	2	CRANE		Y SMTR2805D/KR		594
5962R9320502KXC	F	06/08/2015	2	CRANE		Y SMTR2805D/KR		594
5962-9320502HZA	F	06/08/2015		(NONE)		SMTR2805 (GEN)		594
5962L9320502HZA	F	06/08/2015	2	CRANE		Y SMTR2805DF/HL		594
5962L9320502HZC	F	06/08/2015	2	CRANE		Y SMTR2805DF/HL		594
5962L9320502KZA	F	06/08/2015	2	CRANE		Y SMTR2805DF/KL		594
5962L9320502KZC	F	06/08/2015	2	CRANE		Y SMTR2805DF/KL		594
5962P9320502HZA	F	06/08/2015	2	CRANE		Y SMTR2805DF/HP		594
5962P9320502HZC	F	06/08/2015	2	CRANE		Y SMTR2805DF/HP		594
5962P9320502KZA	F	06/08/2015	2	CRANE		Y SMTR2805DF/KP		594
5962P9320502KZC	F	06/08/2015	2	CRANE		Y SMTR2805DF/KP		594
5962R9320502HZA	F	06/08/2015	2	CRANE		Y SMTR2805DF/HR		594
5962R9320502HZC	F	06/08/2015	2	CRANE		Y SMTR2805DF/HR		594
5962R9320502KZA	F	06/08/2015	2	CRANE		Y SMTR2805DF/KR		594
5962R9320502KZC	F	06/08/2015	2	CRANE		Y SMTR2805DF/KR		594
5962-9320503HXA	F	06/08/2015	3B	CRANE		Y MTR2805D/883		594
5962-9320503HXC	F	06/08/2015	3B	CRANE		Y MTR2805D/883		594
5962-9320503HZA	F	06/08/2015	3B	CRANE		Y MTR2805DF/883		594
5962-9320503HZC	F	06/08/2015	3B	CRANE		Y MTR2805DF/883		594
5962-9320601M2A	A	07/16/2009		(NONE)	12/31/2001	UC1907 (GEN)		899
5962-9320601MEA	A	07/16/2009		(NONE)	12/31/2001	UC1907 (GEN)		899
5962-9320701MXA	D	07/27/2017	3	ROCHESTER		Y SCAN18374T/MXA		159
5962-9320901MPA	C	10/13/2009		(NONE)	04/16/2002	AD822S (GEN)		703
5962-9321001MCA	B	07/17/2014	1	ROCHESTER		Y MM78C29J/883		569
5962-9321001MCA	B	07/17/2014	1	TI		Y MM78C29J/883		569
5962-9321101MCA	B	04/11/2007		(NONE)	04/06/2017	DS78C20 (GEN)		573
5962-9321201MPA	B	10/12/2017	1	MICROSS		Y MTLT1111QD8		594
5962-9321401MEA	C	09/10/2015	1	ANALOG (2)		Y AD688SQ/883B		785
5962-9321501M2A	A	02/06/2004		(NONE)		UC1517 (GEN)		899
5962-9321501MEA	A	02/06/2004		(NONE)		UC1517 (GEN)		899
5962-9321601Q2A	D	04/02/2018		(NONE)	11/28/2015	TLE2141M (GEN)		702
5962-9321601QPA	D	04/02/2018	1	TI		Y TLE2141MJGB		702
5962-9321602Q2A	D	04/02/2018		(NONE)	11/28/2015	TLE2141AM (GEN)		702
5962-9321602QPA	D	04/02/2018	1	TI		Y TLE2141AMJGB		702
5962-9321603Q2A	D	04/02/2018	1	TI		Y TLE2142MFKB		710
5962-9321603QHA	D	04/02/2018	1	TI		Y TLE2142MUB		710

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5962-9321603QPA	D	04/02/2018	1	TI		Y TLE2142MJGB		710
5962-9321604Q2A	D	04/02/2018	1	TI		Y TLE2142AMFKB		710
5962-9321604QHA	D	04/02/2018	1	TI		Y TLE2142AMUB		710
5962-9321604QPA	D	04/02/2018	1	TI		Y TLE2142AMJGB		710
5962-9321605Q2A	D	04/02/2018	1	TI		Y TLE2144MFKB		713
5962-9321605QCA	D	04/02/2018	1	TI		Y TLE2144MJB		713
5962-9321606Q2A	D	04/02/2018	1	TI		Y TLE2144AMFKB		713
5962-9321606QCA	D	04/02/2018	1	TI		Y TLE2144AMJB		713
5962-9321701M2A	D	05/25/2016	3	E2V		Y 54ABT273LMQB		159
5962-9321701Q2A	D	05/25/2016	3	E2V		Y 54ABT273E-QML		159
5962-9321701Q2A	D	05/25/2016	2	TI		Y SNJ54ABT273FK		159
5962-9321701MRA	D	05/25/2016	3	E2V		Y 54ABT273DMQB		159
5962-9321701QRA	D	05/25/2016	3	E2V		Y 54ABT273J-QML		159
5962-9321701QRA	D	05/25/2016	2	TI		Y SNJ54ABT273J		159
5962-9321701MSA	D	05/25/2016	3	E2V		Y 54ABT273FMQB		159
5962-9321701QSA	D	05/25/2016	3	E2V		Y 54ABT273W-QML		159
5962-9321701QSA	D	05/25/2016	2	TI		Y SNJ54ABT273W		159
5962-9321801M2A	D	08/26/2015		(NONE)	06/01/1997	54ABT373 (GEN)		341
5962-9321801Q2A	D	08/26/2015	3	E2V		Y 54ABT373E-QML		341
5962-9321801Q2A	D	08/26/2015	2	TI		Y SNJ54ABT373FK		341
5962-9321801MRA	D	08/26/2015		(NONE)	06/01/1997	54ABT373 (GEN)		341
5962-9321801QRA	D	08/26/2015	3	E2V		Y 54ABT373J-QML		341
5962-9321801QRA	D	08/26/2015	2	TI		Y SNJ54ABT373J		341
5962-9321801MSA	D	08/26/2015		(NONE)		54ABT373 (GEN)		341
5962-9321801QSA	D	08/26/2015	3	E2V		Y 54ABT373W-QML		341
5962-9321801QSA	D	08/26/2015	2	TI		Y SNJ54ABT373W		341
5962-9321901Q2A	D	06/25/2015	3	E2V		Y 54ABT573E-QML		341
5962-9321901Q2A	D	06/25/2015	1	TI		Y SNJ54ABT573FK		341
5962-9321901QRA	D	06/25/2015	3	E2V		Y 54ABT573J-QML		341
5962-9321901QRA	D	06/25/2015	1	TI		Y SNJ54ABT573J		341
5962-9321901QSA	D	06/25/2015	3	E2V		Y 54ABT573W-QML		341
5962-9321901QSA	D	06/25/2015	1	TI		Y SNJ54ABT573W		341
5962-9322001M2A	E	07/24/2015	3	E2V		Y 54ABT574LMQB		159
5962-9322001Q2A	E	07/24/2015	3	E2V		Y 54ABT574E-QML		159
5962-9322001Q2A	E	07/24/2015	3	TI		Y SNJ54ABT574FK		159
5962-9322001MRA	E	07/24/2015	3	E2V		Y 54ABT574DMQB		159
5962-9322001QRA	E	07/24/2015	3	E2V		Y 54ABT574J-QML		159
5962-9322001QRA	E	07/24/2015	3	TI		Y SNJ54ABT574J		159
5962-9322001MSA	E	07/24/2015	3	E2V		Y 54ABT574FMQB		159
5962-9322001QSA	E	07/24/2015	3	E2V		Y 54ABT574W-QML		159
5962-9322001QSA	E	07/24/2015	3	TI		Y SNJ54ABT574W		159
5962-9322101MXA	B	05/22/2015	1	MICROSEMI (2)		1240-PG132B		431
5962-9322101MXC	B	05/22/2015	1	MICROSEMI (2)		1240-PG132B		431
5962-9322102MXA	B	05/22/2015	1	MICROSEMI (2)		1240-1PG132B		431
5962-9322102MXC	B	05/22/2015	1	MICROSEMI (2)		1240-1PG132B		431
5962-9322201MEA	D	02/16/2018	1	ANALOG (2)		Y AD652SQ/883B		594
5962-9322201VEA	D	02/16/2018	1	ANALOG (4)		Y AD652SQ/QMLV		594
5962-9322401MPA	A	10/27/2009		(NONE)	03/30/2001	LT1120 (GEN)		789
5962-9322501MXA	B	03/15/2017	1	PYRAMID		Y P4C1299-45CMB		623

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5962-9322501MYA	B	03/15/2017	1	PYRAMID		Y P4C1299-45LMB		623
5962-9322501MZA	B	03/15/2017		(NONE)	05/10/1995	7C196-45 (GEN)		623
5962-9322502MXA	B	03/15/2017	1	PYRAMID		Y P4C1299-35CMB		623
5962-9322502MYA	B	03/15/2017	1	PYRAMID		Y P4C1299-35LMB		623
5962-9322502MZA	B	03/15/2017		(NONE)	05/10/1995	7C196-35 (GEN)		623
5962-9322503MXA	B	03/15/2017	1	PYRAMID		Y P4C1299-25CMB		623
5962-9322503MYA	B	03/15/2017	1	PYRAMID		Y P4C1299-25LMB		623
5962-9322503MZA	B	03/15/2017		(NONE)	05/10/1995	7C196-25 (GEN)		623
5962-9322504MXA	B	03/15/2017	1	PYRAMID		Y P4C1299-20CMB		623
5962-9322504MYA	B	03/15/2017	1	PYRAMID		Y P4C1299-20LMB		623
5962-9322504MZA	B	03/15/2017		(NONE)	05/10/1995	7C196-20 (GEN)		623
5962-9322601MXA	J	12/01/2015		(NONE)		UT63M147 (GEN)		590
5962-9322601MZA	J	12/01/2015		(NONE)		UT63M147 (GEN)		590
5962-9322602MXA	J	12/01/2015		(NONE)		UT63M149 (GEN)		590
5962-9322602MZA	J	12/01/2015		(NONE)		UT63M149 (GEN)		590
5962-9322603Q9A	J	12/01/2015		(NONE)		UT63M147E (GEN)		590
5962-9322603V9A	J	12/01/2015		(NONE)		UT63M147E (GEN)		590
5962H9322603Q9A	J	12/01/2015	1	COBHAM		Y UT63M147E-Q DIE		590
5962H9322603V9A	J	12/01/2015	1	COBHAM		Y UT63M147E-V DIE		590
5962-9322603QXA	J	12/01/2015	1	COBHAM		Y UT63M147E-BQA		590
5962-9322603QXC	J	12/01/2015	1	COBHAM		Y UT63M147E-BQC		590
5962-9322603VXA	J	12/01/2015	1	COBHAM		Y UT63M147E-BVA		590
5962-9322603VXC	J	12/01/2015	1	COBHAM		Y UT63M147E-BVC		590
5962H9322603QXA	J	12/01/2015	1	COBHAM		Y UT63M147E-BQA		590
5962H9322603QXC	J	12/01/2015	1	COBHAM		Y UT63M147E-BQC		590
5962H9322603VXA	J	12/01/2015	1	COBHAM		Y UT63M147E-BVA		590
5962H9322603VXC	J	12/01/2015	1	COBHAM		Y UT63M147E-BVC		590
5962-9322603QZA	J	12/01/2015	1	COBHAM		Y UT63M147E-CQA		590
5962-9322603QZC	J	12/01/2015	1	COBHAM		Y UT63M147E-CQC		590
5962-9322603VZA	J	12/01/2015	1	COBHAM		Y UT63M147E-CVA		590
5962-9322603VZC	J	12/01/2015	1	COBHAM		Y UT63M147E-CVC		590
5962H9322603QZA	J	12/01/2015	1	COBHAM		Y UT63M147E-CQA		590
5962H9322603QZC	J	12/01/2015	1	COBHAM		Y UT63M147E-CQC		590
5962H9322603VZA	J	12/01/2015	1	COBHAM		Y UT63M147E-CVA		590
5962H9322603VZC	J	12/01/2015	1	COBHAM		Y UT63M147E-CVC		590
5962-9322604QXA	J	12/01/2015		(NONE)		UT63M145 (GEN)		590
5962H9322604VXA	J	12/01/2015		(NONE)		UT63M145 (GEN)		590
5962-9322604QZA	J	12/01/2015		(NONE)		UT63M145 (GEN)		590
5962H9322604VZA	J	12/01/2015		(NONE)		UT63M145 (GEN)		590
5962-9322701M2A	F	07/24/2015		(NONE)		54ABT241 (GEN)		529
5962-9322701Q2A	F	07/24/2015	2	E2V		Y 54ABT241E-QML		529
5962-9322701Q2A	F	07/24/2015	2	TI		Y SNJ54ABT241FK		529
5962-9322701MRA	F	07/24/2015		(NONE)		54ABT241 (GEN)		529
5962-9322701QRA	F	07/24/2015	2	E2V		Y 54ABT241J-QML		529
5962-9322701QRA	F	07/24/2015	2	TI		Y SNJ54ABT241J		529
5962-9322701MSA	F	07/24/2015		(NONE)		54ABT241 (GEN)		529
5962-9322701QSA	F	07/24/2015	2	E2V		Y 54ABT241W-QML		529
5962-9322701QSA	F	07/24/2015	2	TI		Y SNJ54ABT241W		529
5962-9322801MXA	C	07/17/2018	1	TI		SNJ54ACT8990HV		420

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5962-9322801MYA	C	07/17/2018	1	TI			SNJ54ACT8990GB	420
5962-9323501MUA	C	02/13/2017		(NONE)			28F020-20 (GEN)	669
5962-9323501MXA	C	02/13/2017	1	ROCHESTER		Y	MD28F020-20/BXA	669
5962-9323501MYA	C	02/13/2017	1	ROCHESTER		Y	MF28F020-20/BYA	669
5962-9323502MUA	C	02/13/2017		(NONE)			28F020-15 (GEN)	669
5962-9323502MXA	C	02/13/2017	1	ROCHESTER		Y	MD28F020-15/BXA	669
5962-9323502MYA	C	02/13/2017	1	ROCHESTER		Y	MF28F020-15/BYA	669
5962-9323503MUA	C	02/13/2017		(NONE)			28F020-12 (GEN)	669
5962-9323503MXA	C	02/13/2017	1	ROCHESTER		Y	MD28F020-12/BXA	669
5962-9323503MYA	C	02/13/2017	1	ROCHESTER		Y	MF28F020-12/BYA	669
5962-9323504MUA	C	02/13/2017		(NONE)			28F020-90 (GEN)	669
5962-9323504MXA	C	02/13/2017	1	ROCHESTER		Y	MD28F020-90/BXA	669
5962-9323504MYA	C	02/13/2017	1	ROCHESTER		Y	MF28F020-90/BYA	669
5962-9323505MXA	C	02/13/2017		(NONE)			28F020A (GEN)	669
5962-9323506MXA	C	02/13/2017		(NONE)			28F020A (GEN)	669
5962-9323507MXA	C	02/13/2017		(NONE)			28F020A (GEN)	669
5962-9323508MXA	C	02/13/2017		(NONE)			28F020A (GEN)	669
5962-9323801MCA	C	05/13/2016		(NONE)			LT1125 (GEN)	713
5962-9323802MPA	C	05/13/2016		(NONE)			LT1124 (GEN)	710
5962-9323803MCA	C	05/13/2016		(NONE)			LT1125A (GEN)	713
5962-9323804MPA	C	05/13/2016		(NONE)			LT1124A (GEN)	710
5962-9323901M3A	D	01/23/2019		(NONE)			54ACT8997 (GEN)	399
5962-9323901Q3A	D	01/23/2019	1	TI		Y	SNJ54ACT8997FK	399
5962-9323901MXA	D	01/23/2019		(NONE)			54ACT8997 (GEN)	399
5962-9323901QXA	D	01/23/2019	1	TI		Y	SNJ54ACT8997JT	399
5962-9324101MXA	D	05/21/2015	1	TI		Y	SNJ54ABT16543WD	590
5962-9324201M3A	D	07/24/2015		(NONE)			54ABT652 (GEN)	590
5962-9324201Q3A	D	07/24/2015		(NONE)			54ABT652 (GEN)	590
5962-9324201MKA	D	07/24/2015		(NONE)			54ABT652 (GEN)	590
5962-9324201QKA	D	07/24/2015		(NONE)			54ABT652 (GEN)	590
5962-9324201MLA	D	07/24/2015		(NONE)			54ABT652 (GEN)	590
5962-9324201QLA	D	07/24/2015		(NONE)			54ABT652 (GEN)	590
5962-9324202Q3A	D	07/24/2015	3	TI		Y	SNJ54ABT652AFK	590
5962-9324202QKA	D	07/24/2015	3	TI		Y	SNJ54ABT652AW	590
5962-9324202QLA	D	07/24/2015	3	TI	09/26/2018	Y	SNJ54ABT652AJ	590
5962-9324301HXA	D	01/12/2009		(NONE)			MSK-1903B-0 (GEN)	760
5962-9324302HXA	D	01/12/2009		(NONE)			MSK-1903B-2 (GEN)	760
5962-9324401MXA	A	12/21/2012		(NONE)			29C040 (GEN)	669
5962-9324401MYA	A	12/21/2012		(NONE)			29C040 (GEN)	669
5962-9324402MXA	A	12/21/2012		(NONE)			29C040 (GEN)	669
5962-9324402MYA	A	12/21/2012		(NONE)			29C040 (GEN)	669
5962-9324501M3A	A	09/06/2013		(NONE)			22LV10 (GEN)	431
5962-9324501MKA	A	09/06/2013		(NONE)			22LV10 (GEN)	431
5962-9324501MLA	A	09/06/2013		(NONE)			22LV10 (GEN)	431
5962-9324502M3A	A	09/06/2013		(NONE)	12/03/1994		22LV10 (GEN)	431
5962-9324502MKA	A	09/06/2013		(NONE)			22LV10 (GEN)	431
5962-9324502MLA	A	09/06/2013		(NONE)	12/03/1994		22LV10 (GEN)	431
5962-9324503M3A	A	09/06/2013		(NONE)			22LV10L (GEN)	431
5962-9324503MKA	A	09/06/2013		(NONE)			22LV10 (GEN)	431



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5962-9324503MLA	A	09/06/2013		(NONE)			22LV10L (GEN)	431
5962-9324504M3A	A	09/06/2013		(NONE)	12/03/1994		22LV10 (GEN)	431
5962-9324504MKA	A	09/06/2013		(NONE)			22LV10 (GEN)	431
5962-9324504MLA	A	09/06/2013		(NONE)	12/03/1994		22LV10 (GEN)	431
5962-9324601HXC	E	09/23/2013	1	ANAREN		Y	MSK1901B	760
5962-9324701MXC	B	11/15/2013		(NONE)	10/31/1996		7256-20 (GEN)	431
5962-9324701MYA	B	11/15/2013		(NONE)	10/31/1996		7256-20 (GEN)	431
5962-9324702MXC	B	11/15/2013		(NONE)	10/31/1996		7256-15 (GEN)	431
5962-9324702MYA	B	11/15/2013		(NONE)	10/31/1996		7256-15 (GEN)	431
5962-9324801MXA	A	09/30/2013		(NONE)	03/31/1996		ATV5000-25 (GEN)	431
5962-9324801MYA	A	09/30/2013		(NONE)	03/31/1996		ATV5000-25 (GEN)	431
5962-9324802MXA	A	09/30/2013		(NONE)	03/31/1996		ATV5000-35 (GEN)	431
5962-9324802MYA	A	09/30/2013		(NONE)	03/31/1996		ATV5000-35 (GEN)	431
5962-9324803MXA	A	09/30/2013		(NONE)	03/31/1996		ATV5000L-35 (GEN)	431
5962-9324803MYA	A	09/30/2013		(NONE)	03/31/1996		ATV5000L-35 (GEN)	431
5962-9324901MXA	C	04/03/2015	1	IDT		Y	IDT72211L50LB	670
5962-9324902MXA	C	04/03/2015	1	IDT		Y	IDT72211L35LB	670
5962-9324903MXA	C	04/03/2015	1	IDT		Y	IDT72211L25LB	670
5962-9325001M2A	B	05/09/2016	3	E2V		Y	54F2244LMQB	529
5962-9325001MRA	B	05/09/2016	3	E2V		Y	54F2244DMQB	529
5962-9325001MSA	B	05/09/2016	3	E2V		Y	54F2244FMQB	529
5962-9325101M2A	B	03/13/2008		(NONE)	12/24/2000		HA-2546 (GEN)	810
5962-9325101MEA	B	03/13/2008		(NONE)	10/03/2004		HA-2546 (GEN)	810
5962-9325201QFA		11/17/1995		(NONE)			54AC2526 (GEN)	399
5962-9325201VFA		11/17/1995		(NONE)			54AC2526 (GEN)	399
5962-9325301B2A	E	09/18/2015	1	E2V		Y	JM54AC125B2A	520
5962-9325301B2A	E	09/18/2015	1	ROCHESTER		Y	54AC125/Q2A	520
5962-9325301S2A	E	09/18/2015		(NONE)			54AC125 (GEN)	520
5962R9325301B2A	E	09/18/2015		(NONE)			54AC125 (GEN)	520
5962R9325301S2A	E	09/18/2015		(NONE)			54AC125 (GEN)	520
5962-9325301BCA	E	09/18/2015	1	E2V		Y	JM54AC125BCA	520
5962-9325301BCA	E	09/18/2015	1	ROCHESTER		Y	54AC125/QCA	520
5962-9325301SCA	E	09/18/2015		(NONE)			54AC125 (GEN)	520
5962R9325301BCA	E	09/18/2015		(NONE)			54AC125 (GEN)	520
5962R9325301SCA	E	09/18/2015		(NONE)			54AC125 (GEN)	520
5962-9325301BDA	E	09/18/2015	1	E2V		Y	JM54AC125BDA	520
5962-9325301BDA	E	09/18/2015	1	ROCHESTER		Y	54AC125/QDA	520
5962-9325301SDA	E	09/18/2015		(NONE)			54AC125 (GEN)	520
5962R9325301BDA	E	09/18/2015		(NONE)			54AC125 (GEN)	520
5962R9325301SDA	E	09/18/2015		(NONE)			54AC125 (GEN)	520
5962-9325302QXA	E	09/18/2015		(NONE)			54AC125 (GEN)	520
5962-9325302VXA	E	09/18/2015		(NONE)			54AC125 (GEN)	520
5962-9325401MPA	E	06/10/2014	1	MAXIM INTEG.			MAX641AMJA/883B	786
5962-9325501M2A	A	10/29/2002		(NONE)			DG611 (GEN)	183
5962-9325501MEA	A	10/29/2002		(NONE)			DG611 (GEN)	183
5962-9325502M2A	A	10/29/2002		(NONE)			DG612 (GEN)	183
5962-9325502MEA	A	10/29/2002		(NONE)			DG612 (GEN)	183
5962-9325503M2A	A	10/29/2002		(NONE)			DG613 (GEN)	183
5962-9325503MEA	A	10/29/2002		(NONE)			DG613 (GEN)	183

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5962-9325801M2A	J	04/08/2015	1	ANALOG (2)		Y OP467ARC/883		713
5962-9325801V2A	J	04/08/2015	2	ANALOG (4)		Y OP467ARC/QMLV		713
5962-9325801MCA	J	04/08/2015	1	ANALOG (2)		Y OP467AY/883		713
5962-9325801VCA	J	04/08/2015		(NONE)	04/01/2014	OP467A (GEN)		713
5962R9325801VCA	J	04/08/2015	2	ANALOG (4)		Y OP467AY/QMLR		713
5962R9325801VDA	J	04/08/2015	2	ANALOG (4)		Y OP467AM/QMLR		713
5962-9325901MPA	D	11/18/2015	1	ROCHESTER		Y CLC425A/BPA		755
5962-9326001MXA	B	03/22/1996		(NONE)		2250GM (GEN)		208
5962-9326001MYA	B	03/22/1996		(NONE)		2250GM (GEN)		208
5962-9326101M2A	H	12/12/2017		(NONE)		UC1854 (GEN)		789
5962-9326101MEA	H	12/12/2017	1	TI		Y UC1854J883BC		789
5962-9326102M2A	H	12/12/2017		(NONE)		UC1854B (GEN)		789
5962-9326102MEA	H	12/12/2017	1	TI		Y UC1854BJ883BC		789
5962-9326103M2A	H	12/12/2017		(NONE)		UC1854A (GEN)		789
5962-9326103MEA	H	12/12/2017		(NONE)	12/31/2001	UC1854A (GEN)		789
5962-9326201MVA	D	07/24/2006		(NONE)		MN5906 (GEN)		592
5962-9326401M2C	D	11/09/2015	1	MAXIM INTEG.		MAX1259MLP/883B		899
5962-9326401MEA	D	11/09/2015		(NONE)	07/10/2015	MAX1259 (GEN)		899
5962-9326501M2A	F	09/17/2015	1	TI		Y UC1832L/883BC		899
5962-9326501V2A	F	09/17/2015	1	TI		Y UC1832LQMLV		899
5962-9326501MCA	F	09/17/2015	1	TI		Y UC1832J/883BC		899
5962-9326501VCA	F	09/17/2015	1	TI		Y UC1832JQMLV		899
5962-9326502M2A	F	09/17/2015		(NONE)	12/31/2001	UC1833 (GEN)		899
5962-9326502MPA	F	09/17/2015		(NONE)	12/31/2001	UC1833 (GEN)		899
5962-9326701M2C	C	03/30/2015		(NONE)	04/15/2015	MAX705 (GEN)		429
5962-9326701MPA	C	03/30/2015	1	MAXIM INTEG.		MAX705MJA/883B		429
5962-9326702M2C	C	03/30/2015	1	MAXIM INTEG.		MAX706MLP/883B		429
5962-9326702MPA	C	03/30/2015	1	MAXIM INTEG.		MAX706MJA/883B		429
5962-9326703M2C	C	03/30/2015		(NONE)	07/10/2015	MAX707 (GEN)		429
5962-9326703MPA	C	03/30/2015	1	MAXIM INTEG.		MAX707MJA/883B		429
5962-9326704M2C	C	03/30/2015	1	MAXIM INTEG.		MAX708MLP/883B		429
5962-9326704MPA	C	03/30/2015	1	MAXIM INTEG.		MAX708MJA/883B		429
5962-9326705M2C	C	03/30/2015		(NONE)	07/10/2015	MAX813L (GEN)		429
5962-9326705MPA	C	03/30/2015	1	MAXIM INTEG.		MAX813LMJA/883B		429
5962R93A0101QYC		01/25/1993		(NONE)		1HL08 (GEN)		365
5962-93A0201MXA	A	03/05/1996		(NONE)		CF98700JD (GEN)		399
5962-93A0301MXA	C	05/09/1996		(NONE)		CF98702JD (GEN)		399
5962H93A0501QXC		02/14/1995		(NONE)		ST12154 (GEN)		365
5962R93A0601QYC		04/14/1994		(NONE)		ST12155 (GEN)		599
5962H93A0701VYC	A	12/27/1995		(NONE)		ST12156 (GEN)		365
5962H93A0801VYA		12/05/1995		(NONE)		ST12157 (GEN)		429
5962H93A0901VYC		02/14/1995		(NONE)		ST12158 (GEN)		365
5962R93A1001VYC		06/09/1994		(NONE)		ST12159 (GEN)		399
5962H93A1101VYC		02/14/1995		(NONE)		ST12169 (GEN)		365
5962R93A1201VYC		02/15/1994		(NONE)		ST12171 (GEN)		399
5962H93A1301VYC		02/14/1995		(NONE)		ST12237 (GEN)		365
5962H93A1601VYC		09/15/1994		(NONE)		22017351 (GEN)		365
5962-93A2101MYC		05/03/1994		(NONE)		L1A8171 (GEN)		399
5962-93A2201MYC		05/03/1994		(NONE)		L1A8155 (GEN)		599

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5962-93A2301MXA	A	05/31/1994		(NONE)			CF68016 (GEN)	439
5962-93A2301MYA	A	05/31/1994		(NONE)			CF68105 (GEN)	439
5962-93A2401MXA	A	05/31/1994		(NONE)			CF68017 (GEN)	429
5962-93A2401MYA	A	05/31/1994		(NONE)			CF68006 (GEN)	429
5962-93A2501MYA	A	03/03/1999		(NONE)			CF68010 (GEN)	365
5962-93A2601MYA	A	06/28/1995		(NONE)			CF68014 (GEN)	365
5962-93A2701MYA	A	06/28/1995		(NONE)			CF68107 (GEN)	421
5962-93A2801MYA		09/13/1994		(NONE)			CF68115 (GEN)	365
5962-9450101QXA	C	09/10/2015	3	TI	09/26/2018	Y	SNJ54ABT16241AWD	529
5962-9450201QXA	C	07/15/2014	3	TI	09/26/2018	Y	SNJ54ABT16646WD	590
5962-9450202QXA	C	07/15/2014	2	E2V		Y	54ABT16646W-QML	590
5962-9450301MZA		08/09/1994		(NONE)			MRG002160A (GEN)	830
5962-9450302MYA		08/09/1994		(NONE)			MRG002160B (GEN)	830
5962-9450601HXC	C	07/12/2012	1	DATEL		Y	MX-826/883	199
5962-9450801Q3A	C	08/26/2015	2	TI		Y	SNJ54ABT823FK	164
5962-9450801QKA	C	08/26/2015	2	TI	09/26/2018	Y	SNJ54ABT823W	164
5962-9450801QLA	C	08/26/2015	2	TI	09/26/2018	Y	SNJ54ABT823J	164
5962-9450901Q3A	C	07/29/2015		(NONE)	11/28/2015		54ABT827 (GEN)	569
5962-9450901QKA	C	07/29/2015	1	TI		Y	SNJ54ABT827W	569
5962-9450901QLA	C	07/29/2015	1	TI		Y	SNJ54ABT827JT	569
5962-9451001MXA	B	12/01/2015	2	E2V		Y	CY7C335-50WMB	431
5962-9451001MYA	B	12/01/2015	2	E2V		Y	CY7C335-50HMB	431
5962-9451001MZA	B	12/01/2015	2	E2V		Y	CY7C335-50QMB	431
5962-9451002MXA	B	12/01/2015	2	E2V		Y	CY7C335-66WMB	431
5962-9451002MYA	B	12/01/2015	2	E2V		Y	CY7C335-66HMB	431
5962-9451002MZA	B	12/01/2015	2	E2V		Y	CY7C335-66QMB	431
5962-9451003MXA	B	12/01/2015	2	E2V		Y	CY7C335-83WMB	431
5962-9451003MYA	B	12/01/2015	2	E2V		Y	CY7C335-83HMB	431
5962-9451003MZA	B	12/01/2015	2	E2V		Y	CY7C335-83QMB	431
5962-9451101MXA	C	05/15/2017		(NONE)	10/29/2001		72241L50 (GEN)	670
5962-9451102MXA	C	05/15/2017		(NONE)	10/29/2001		72241L35 (GEN)	670
5962-9451103MXA	C	05/15/2017		(NONE)	10/29/2001		72241L25 (GEN)	670
5962-9451104MXA	C	05/15/2017		(NONE)	10/29/2001		72241L20 (GEN)	670
5962-9451201M2C	D	06/02/2016	1	MAXIM INTEG.			MAX453MLP/883B	899
5962-9451201MPA	D	06/02/2016		(NONE)			MAX453 (GEN)	899
5962-9451202M2C	D	06/02/2016	1	MAXIM INTEG.			MAX455MLP/883B	899
5962-9451202MRA	D	06/02/2016		(NONE)			MAX455 (GEN)	899
5962-9451203M2C	D	06/02/2016	1	MAXIM INTEG.			MAX452MLP/883B	760
5962-9451203MPA	D	06/02/2016		(NONE)			MAX452 (GEN)	760
5962-9451204M2C	D	06/02/2016	1	MAXIM INTEG.			MAX454MLP/883B	899
5962-9451204MCA	D	06/02/2016		(NONE)			MAX454 (GEN)	899
5962-9451301MPA	D	05/16/2012	1	TI		Y	UCC1801J883BC	787
5962-9451302MPA	D	05/16/2012	1	TI		Y	UCC1802J883BC	787
5962-9451303MPA	D	05/16/2012	1	TI		Y	UCC1803J883BC	787
5962-9451304MPA	D	05/16/2012	1	TI		Y	UCC1804J883BC	787
5962-9451305MPA	D	05/16/2012		(NONE)	11/28/2015		UCC1805 (GEN)	787
5962-9451401M2C	C	06/09/2016		(NONE)			MAX1232 (GEN)	420
5962-9451401MPA	C	06/09/2016	1	MAXIM INTEG.			MAX1232MJA/883B	420
5962-9451601MPA	B	07/11/2016	1	MICROSS		Y	MTLT118QD8	702

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5962-9451701M2A	E	10/06/2015	1	ROCHESTER		Y CLC522A/B2A		755
5962-9451701MCA	E	10/06/2015	1	ROCHESTER		Y CLC522A/BCA		755
5962-9451801MLA	C	02/22/2019	1	ANALOG (3)		Y AD7837SQ/883B		591
5962-9451802MLA	C	02/22/2019	1	ANALOG (3)		Y AD7847SQ/883B		591
5962-9452001HXA	A	07/28/2004		(NONE)	12/31/2006	OM3894S (GEN)		700
5962-9452001HYA	A	07/28/2004		(NONE)	12/31/2006	OM3894S (GEN)		700
5962-9452101M2A	C	02/04/2016	1	ANALOG (2)		Y OP497BRC/883B		713
5962-9452101MCA	C	02/04/2016		(NONE)	04/16/2002	OP497B (GEN)		713
5962-9452201MXA	B	07/18/2014		(NONE)	07/02/2014	7B991-7 (GEN)		509
5962-9452301MXA	A	09/25/1996		(NONE)		U18GM (GEN)		208
5962-9452401M3A	B	05/26/2015	2	ATMEL		ATV750-35NM/883		431
5962-9452401MLA	B	05/26/2015	2	ATMEL		ATV750-35GM/883		431
5962-9452402M3A	B	05/26/2015		(NONE)		V750-25 (GEN)		431
5962-9452402MLA	B	05/26/2015		(NONE)		V750-25 (GEN)		431
5962-9452403M3A	B	05/26/2015		(NONE)		V750-20 (GEN)		431
5962-9452403MLA	B	05/26/2015		(NONE)		V750-20 (GEN)		431
5962-9452404M3A	B	05/26/2015	2	ATMEL		ATV750L-30NM/883		431
5962-9452404MLA	B	05/26/2015	2	ATMEL		ATV750L-30GM/883		431
5962-9452405M3A	B	05/26/2015		(NONE)		V750L-25 (GEN)		431
5962-9452405MLA	B	05/26/2015		(NONE)		V750L-25 (GEN)		431
5962-9452601M2A	J	01/28/2016		(NONE)		LM193 (GEN)		774
5962-9452601Q2A	J	01/28/2016	1	TI		Y LM193FKB		774
5962-9452601QPA	J	01/28/2016	1	TI		Y LM193JGB		774
5962R9452602V9A	J	01/28/2016	1	TI		Y LM193MDR		774
5962-9452602MGA	J	01/28/2016	1	TI		Y LM193AH/883		774
5962-9452602VGA	J	01/28/2016		(NONE)	12/01/2009	LM193A (GEN)		774
5962R9452602VGA	J	01/28/2016	1	TI		Y LM193AHRQMLV		774
5962-9452602MPA	J	01/28/2016	1	TI		Y LM193AJ/883		774
5962-9452602VPA	J	01/28/2016	1	TI		Y LM193AJ-QMLV		774
5962R9452602VPA	J	01/28/2016	1	TI		Y LM193AJRQMLV		774
5962R9452603V9A	J	01/28/2016	1	TI		Y LM193MDE		774
5962R9452603VGA	J	01/28/2016	1	TI		Y LM193AHLRQMLV		774
5962R9452603VPA	J	01/28/2016	1	TI		Y LM193AJRLQMLV		774
5962-9452701M2A	F	06/23/2016		(NONE)		MAX500A (GEN)		591
5962-9452701MEA	F	06/23/2016		(NONE)		MAX500A (GEN)		591
5962-9452702M2C	F	06/23/2016		(NONE)		MAX500B (GEN)		591
5962-9452702MEA	F	06/23/2016		(NONE)		MAX500B (GEN)		591
5962-9452801QXA	D	06/27/2016	2	E2V		Y 54ACTQ16374FMQB		158
5962-9452801VXA	D	06/27/2016		(NONE)	12/03/2008	54ACTQ16374 (GEN)		158
5962-9453001M2A	E	05/28/2014	3A	TI		Y UC1856L20883B		787
5962-9453001MEA	E	05/28/2014	3A	TI		Y UC1856J883B		787
5962-9453001VEA	E	05/28/2014	3A	TI		Y UC1856J-SP		787
5962-9453001VXC	E	05/28/2014	3A	TI		Y UC1856HKT-SP		787
5962-9453201MXA		04/15/1994		(NONE)	12/24/1997	80860 (GEN)		409
5962-9453201MYA		04/15/1994		(NONE)	12/24/1997	80860 (GEN)		409
5962-9453202MXA		04/15/1994		(NONE)	12/24/1997	80860 (GEN)		409
5962-9453202MYA		04/15/1994		(NONE)	12/24/1997	80860 (GEN)		409
5962-9453203MXA		04/15/1994		(NONE)	12/24/1997	80860 (GEN)		409
5962-9453203MYA		04/15/1994		(NONE)	12/24/1997	80860 (GEN)		409

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5962-9453301MXA		06/20/1994		(NONE)	12/24/1997		80386SX (GEN)	404
5962-9453302MXA		06/20/1994		(NONE)	12/24/1997		80386SX (GEN)	404
5962-9453401MPA	F	06/19/2017	2	TI		Y	LMC6482AMJ/883	710
5962-9453402MCA	F	06/19/2017	2	TI		Y	LMC6484AMJ/883	713
5962-9453402QXA	F	06/19/2017	2	TI		Y	LMC6484AMWG/883	713
5962-9453402VXA	F	06/19/2017		(NONE)			LMC6484 (GEN)	713
5962-9453501HXA		03/24/1994		(NONE)			AD9100SD (GEN)	818
5962-9453601HXA	E	03/12/2014		(NONE)			SD-14620 (GEN)	594
5962-9453601HYA	E	03/12/2014		(NONE)			SD-14620 (GEN)	594
5962-9453602HXA	E	03/12/2014		(NONE)			SD-14621 (GEN)	594
5962-9453602HYA	E	03/12/2014		(NONE)			SD-14621 (GEN)	594
5962-9453603HXA	E	03/12/2014		(NONE)			SD-14620 (GEN)	594
5962-9453603HYA	E	03/12/2014		(NONE)			SD-14620 (GEN)	594
5962-9453604HXA	E	03/12/2014		(NONE)			SD-14621 (GEN)	594
5962-9453604HYA	E	03/12/2014		(NONE)			SD-14621 (GEN)	594
5962-9453605HXA	E	03/12/2014		(NONE)			SDC-14621 (GEN)	594
5962-9453606HXA	E	03/12/2014	1	DDC		Y	SD-14620DX-142	594
5962-9453606HXA	E	03/12/2014	1	DDC		Y	SD-14620DX-152	594
5962-9453606HXC	E	03/12/2014	1	DDC		Y	SD-14620DX-132	594
5962-9453606HXC	E	03/12/2014	1	DDC		Y	SD-14620DX-112	594
5962-9453606HYA	E	03/12/2014	1	DDC		Y	SD-14620FX-142	594
5962-9453606HYA	E	03/12/2014	1	DDC		Y	SD-14620FX-152	594
5962-9453606HYC	E	03/12/2014	1	DDC		Y	SD-14620FX-112	594
5962-9453606HYC	E	03/12/2014	1	DDC		Y	SD-14620FX-132	594
5962-9453607HXA	E	03/12/2014	1	DDC		Y	SD-14621DX-142	594
5962-9453607HXA	E	03/12/2014	1	DDC		Y	SD-14621DX-152	594
5962-9453607HXC	E	03/12/2014	1	DDC		Y	SD-14621DX-132	594
5962-9453607HXC	E	03/12/2014	1	DDC		Y	SD-14621DX-112	594
5962-9453607HYA	E	03/12/2014	1	DDC		Y	SD-14621FX-152	594
5962-9453607HYA	E	03/12/2014	1	DDC		Y	SD-14621FX-142	594
5962-9453607HYC	E	03/12/2014	1	DDC		Y	SD-14621FX-112	594
5962-9453607HYC	E	03/12/2014	1	DDC		Y	SD-14621FX-132	594
5962-9453608HXA	E	03/12/2014	1	DDC		Y	SD-14620DX-144	594
5962-9453608HXA	E	03/12/2014	1	DDC		Y	SD-14620DX-154	594
5962-9453608HXC	E	03/12/2014	1	DDC		Y	SD-14620DX-114	594
5962-9453608HXC	E	03/12/2014	1	DDC		Y	SD-14620DX-134	594
5962-9453608HYA	E	03/12/2014	1	DDC		Y	SD-14620FX-154	594
5962-9453608HYA	E	03/12/2014	1	DDC		Y	SD-14620FX-144	594
5962-9453608HYC	E	03/12/2014	1	DDC		Y	SD-14620FX-114	594
5962-9453608HYC	E	03/12/2014	1	DDC		Y	SD-14620FX-134	594
5962-9453609HXA	E	03/12/2014	1	DDC		Y	SD-14621DX-144	594
5962-9453609HXA	E	03/12/2014	1	DDC		Y	SD-14621DX-154	594
5962-9453609HXC	E	03/12/2014	1	DDC		Y	SD-14621DX-114	594
5962-9453609HXC	E	03/12/2014	1	DDC		Y	SD-14621DX-134	594
5962-9453609HYA	E	03/12/2014	1	DDC		Y	SD-14621FX-144	594
5962-9453609HYA	E	03/12/2014	1	DDC		Y	SD-14621FX-154	594
5962-9453609HYC	E	03/12/2014	1	DDC		Y	SD-14621FX-114	594
5962-9453609HYC	E	03/12/2014	1	DDC		Y	SD-14621FX-134	594
5962-9453701MXA		09/28/1994		(NONE)			Z8018008 (GEN)	429

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5962-9454001MHA	D	04/21/2014		(NONE)			MAX630 (GEN)	786
5962-9454001MPA	D	04/21/2014	1	MAXIM INTEG.			MAX630MJA/883B	786
5962-9454001MXC	D	04/21/2014		(NONE)	05/18/2010		MAX630 (GEN)	786
5962-9454201QYA		10/12/1994		(NONE)	12/24/1997		82596 (GEN)	809
5962-9454301HXA	D	10/23/2018	1	DDC		Y	SD-14550DX-152	594
5962-9454301HXA	D	10/23/2018	1	DDC		Y	SD-14550DX-142	594
5962-9454301HXC	D	10/23/2018	1	DDC		Y	SD-14550DX-132	594
5962-9454301HXC	D	10/23/2018	1	DDC		Y	SD-14550DX-112	594
5962-9454302HXA	D	10/23/2018	1	DDC		Y	SD-14551DX-152	594
5962-9454302HXA	D	10/23/2018	1	DDC		Y	SD-14551DX-142	594
5962-9454302HXC	D	10/23/2018	1	DDC		Y	SD-14551DX-112	594
5962-9454302HXC	D	10/23/2018	1	DDC		Y	SD-14551DX-132	594
5962-9454303HXA	D	10/23/2018	1	DDC		Y	SD-14550DX-154	594
5962-9454303HXA	D	10/23/2018	1	DDC		Y	SD-14550DX-144	594
5962-9454303HXC	D	10/23/2018	1	DDC		Y	SD-14550DX-114	594
5962-9454303HXC	D	10/23/2018	1	DDC		Y	SD-14550DX-134	594
5962-9454304HXA	D	10/23/2018	1	DDC		Y	SD-14551DX-154	594
5962-9454304HXA	D	10/23/2018	1	DDC		Y	SD-14551DX-144	594
5962-9454304HXC	D	10/23/2018	1	DDC		Y	SD-14551DX-114	594
5962-9454304HXC	D	10/23/2018	1	DDC		Y	SD-14551DX-134	594
5962-9454305HXC	D	10/23/2018	1	DDC		Y	SD-14551DX-601	594
5962-9454401HXA	E	12/10/2018	1	DDC		Y	SD-14552DX-152	594
5962-9454401HXA	E	12/10/2018	1	DDC		Y	SD-14552DX-142	594
5962-9454401HXC	E	12/10/2018	1	DDC		Y	SD-14552DX-112	594
5962-9454401HXC	E	12/10/2018	1	DDC		Y	SD-14552DX-132	594
5962-9454402HXA	E	12/10/2018	1	DDC		Y	SD-14554DX-152	594
5962-9454402HXA	E	12/10/2018	1	DDC		Y	SD-14554DX-142	594
5962-9454402HXC	E	12/10/2018	1	DDC		Y	SD-14554DX-112	594
5962-9454402HXC	E	12/10/2018	1	DDC		Y	SD-14554DX-132	594
5962-9454403HXA	E	12/10/2018	1	DDC		Y	SD-14552DX-154	594
5962-9454403HXA	E	12/10/2018	1	DDC		Y	SD-14552DX-144	594
5962-9454403HXC	E	12/10/2018	1	DDC		Y	SD-14552DX-114	594
5962-9454403HXC	E	12/10/2018	1	DDC		Y	SD-14552DX-134	594
5962-9454404HXA	E	12/10/2018	1	DDC		Y	SD-14554DX-154	594
5962-9454404HXA	E	12/10/2018	1	DDC		Y	SD-14554DX-144	594
5962-9454404HXC	E	12/10/2018	1	DDC		Y	SD-14554DX-114	594
5962-9454404HXC	E	12/10/2018	1	DDC		Y	SD-14554DX-134	594
5962-9454501HXA	D	12/10/2018	1	DDC		Y	SD-14553DX-152	594
5962-9454501HXA	D	12/10/2018	1	DDC		Y	SD-14553DX-142	594
5962-9454501HXC	D	12/10/2018	1	DDC		Y	SD-14553DX-112	594
5962-9454501HXC	D	12/10/2018	1	DDC		Y	SD-14553DX-132	594
5962-9454502HXA	D	12/10/2018	1	DDC		Y	SD-14553DX-154	594
5962-9454502HXA	D	12/10/2018	1	DDC		Y	SD-14553DX-144	594
5962-9454502HXC	D	12/10/2018	1	DDC		Y	SD-14553DX-114	594
5962-9454502HXC	D	12/10/2018		DDC		Y	SD-14553DX-134	594
5962-9454701HXA	F	03/12/2014		(NONE)			SD-14622 (GEN)	594
5962-9454701HYA	F	03/12/2014		(NONE)			SD-14622 (GEN)	594
5962-9454702HXA	F	03/12/2014		(NONE)			SD-14624 (GEN)	594
5962-9454702HYA	F	03/12/2014		(NONE)			SD-14624 (GEN)	594



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5962-9454703HXA	F	03/12/2014		(NONE)			SD-14622 (GEN)	594
5962-9454703HYA	F	03/12/2014		(NONE)			SD-14622 (GEN)	594
5962-9454704HXA	F	03/12/2014		(NONE)			SD-14624 (GEN)	594
5962-9454704HYA	F	03/12/2014		(NONE)			SD-14624 (GEN)	594
5962-9454705HXA	F	03/12/2014	1	DDC		Y	SD-14622DX-152	594
5962-9454705HXA	F	03/12/2014	1	DDC		Y	SD-14622DX-142	594
5962-9454705HXC	F	03/12/2014	1	DDC		Y	SD-14622DX-112	594
5962-9454705HXC	F	03/12/2014	1	DDC		Y	SD-14622DX-132	594
5962-9454705HYA	F	03/12/2014	1	DDC		Y	SD-14622FX-152	594
5962-9454705HYA	F	03/12/2014	1	DDC		Y	SD-14622FX-142	594
5962-9454705HYC	F	03/12/2014	1	DDC		Y	SD-14622FX-132	594
5962-9454705HYC	F	03/12/2014	1	DDC		Y	SD-14622FX-112	594
5962-9454706HXA	F	03/12/2014	1	DDC		Y	SD-14624DX-142	594
5962-9454706HXA	F	03/12/2014	1	DDC		Y	SD-14624DX-152	594
5962-9454706HXC	F	03/12/2014	1	DDC		Y	SD-14624DX-132	594
5962-9454706HXC	F	03/12/2014	1	DDC		Y	SD-14624DX-112	594
5962-9454706HYA	F	03/12/2014	1	DDC		Y	SD-14624FX-142	594
5962-9454706HYA	F	03/12/2014	1	DDC		Y	SD-14624FX-152	594
5962-9454706HYC	F	03/12/2014	1	DDC		Y	SD-14624FX-132	594
5962-9454706HYC	F	03/12/2014	1	DDC		Y	SD-14624FX-112	594
5962-9454707HXA	F	03/12/2014	1	DDC		Y	SD-14622DX-154	594
5962-9454707HXA	F	03/12/2014	1	DDC		Y	SD-14622DX-144	594
5962-9454707HXC	F	03/12/2014	1	DDC		Y	SD-14622DX-134	594
5962-9454707HXC	F	03/12/2014	1	DDC		Y	SD-14622DX-114	594
5962-9454707HYA	F	03/12/2014	1	DDC		Y	SD-14622FX-154	594
5962-9454707HYA	F	03/12/2014	1	DDC		Y	SD-14622FX-144	594
5962-9454707HYC	F	03/12/2014	1	DDC		Y	SD-14622FX-134	594
5962-9454707HYC	F	03/12/2014	1	DDC		Y	SD-14622FX-114	594
5962-9454708HXA	F	03/12/2014	1	DDC		Y	SD-14624DX-154	594
5962-9454708HXA	F	03/12/2014	1	DDC		Y	SD-14624DX-144	594
5962-9454708HXC	F	03/12/2014	1	DDC		Y	SD-14624DX-114	594
5962-9454708HXC	F	03/12/2014	1	DDC		Y	SD-14624DX-134	594
5962-9454708HYA	F	03/12/2014	1	DDC		Y	SD-14624FX-144	594
5962-9454708HYA	F	03/12/2014	1	DDC		Y	SD-14624FX-154	594
5962-9454708HYC	F	03/12/2014	1	DDC		Y	SD-14624FX-114	594
5962-9454708HYC	F	03/12/2014	1	DDC		Y	SD-14624FX-134	594
5962-9454801HXA	E	03/12/2014		(NONE)			SD-14623 (GEN)	594
5962-9454801HYA	E	03/12/2014		(NONE)			SD-14623 (GEN)	594
5962-9454802HXC	E	03/12/2014		(NONE)			SD-14623 (GEN)	594
5962-9454802HYA	E	03/12/2014		(NONE)			SD-14623 (GEN)	594
5962-9454803HXA	E	03/12/2014	1	DDC		Y	SD-14623FX-152	594
5962-9454803HXA	E	03/12/2014	1	DDC		Y	SD-14623DX-142	594
5962-9454803HXA	E	03/12/2014	1	DDC		Y	SD-14623FX-142	594
5962-9454803HXA	E	03/12/2014	1	DDC		Y	SD-14623DX-152	594
5962-9454803HXC	E	03/12/2014	1	DDC		Y	SD-14623FX-132	594
5962-9454803HXC	E	03/12/2014	1	DDC		Y	SD-14623DX-112	594
5962-9454803HXC	E	03/12/2014	1	DDC		Y	SD-14623DX-132	594
5962-9454803HXC	E	03/12/2014	1	DDC		Y	SD-14623FX-112	594
5962-9454804HXA	E	03/12/2014	1	DDC		Y	SD-14623DX-154	594

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5962-9454804HXA	E	03/12/2014	1	DDC		Y SD-14623DX-144		594
5962-9454804HXC	E	03/12/2014	1	DDC		Y SD-14623DX-114		594
5962-9454804HXC	E	03/12/2014	1	DDC		Y SD-14623DX-134		594
5962-9454804HYA	E	03/12/2014	1	DDC		Y SD-14623FX-154		594
5962-9454804HYA	E	03/12/2014	1	DDC		Y SD-14623FX-144		594
5962-9454804HYC	E	03/12/2014	1	DDC		Y SD-14623FX-114		594
5962-9454804HYC	E	03/12/2014	1	DDC		Y SD-14623FX-134		594
5962-9454901MXA	E	10/07/2014		(NONE)		55161-80 (GEN)		629
5962-9454901MYC	E	10/07/2014		(NONE)		55161-80 (GEN)		629
5962-9454902MXA	E	10/07/2014		(NONE)		55161-70 (GEN)		629
5962-9454902MYA	E	10/07/2014		(NONE)		55161-70 (GEN)		629
5962-9454903QXA	E	10/07/2014		(NONE)		55161-75 (GEN)		629
5962-9454903QYC	E	10/07/2014		(NONE)		55161-75 (GEN)		629
5962-9455001MXC		06/30/1995		(NONE)		79R3081E-25 (GEN)		404
5962-9455301M2A	A	01/27/2009		(NONE)	12/24/2000	HA-5134 (GEN)		713
5962-9455301MCA	A	01/27/2009		(NONE)	09/29/2001	HA-5134 (GEN)		713
5962-9455401M3A		03/14/1994		(NONE)	09/01/1997	54F154 (GEN)		280
5962-9455401MKA		03/14/1994		(NONE)		54F154 (GEN)		280
5962-9455401MLA		03/14/1994		(NONE)	09/01/1997	54F154 (GEN)		280
5962-9455501M3A	M	06/08/2018	1	TI		Y UC1875L/883BC		899
5962-9455501V3A	M	06/08/2018		(NONE)	11/28/2015	UC1875 (GEN)		899
5962-9455501MRA	M	06/08/2018	1	TI		Y UC1875J/883BC		899
5962-9455501VRA	M	06/08/2018	1	TI		Y UC1875JQMLV		899
5962-9455501MXA	M	06/08/2018		(NONE)		UC1875 (GEN)		899
5962-9455502VKA	M	06/08/2018	1	TI		Y UC1875W-SP		899
5962-9455502VRA	M	06/08/2018	1	TI		Y UC1875J-SP		899
5962-9455601M2C	C	02/04/2016		(NONE)	07/10/2015	MAX310 (GEN)		899
5962-9455601MEA	C	02/04/2016		(NONE)		MAX310 (GEN)		899
5962-9455602M2C	C	02/04/2016		(NONE)		MAX311 (GEN)		899
5962-9455602MEA	C	02/04/2016		(NONE)	08/30/2015	MAX311 (GEN)		899
5962-9455701QQA	C	05/18/2017		(NONE)	12/24/1997	28F008 (GEN)		669
5962-9455701QXA	C	05/18/2017		(NONE)	12/24/1997	28F008 (GEN)		669
5962-9455702QQA	C	05/18/2017		(NONE)	12/24/1997	28F008 (GEN)		669
5962-9455702QXA	C	05/18/2017		(NONE)	12/24/1997	28F008 (GEN)		669
5962-9455801QXA	G	07/24/2018		(NONE)		320C50A40 (GEN)		432
5962-9455801QYA	G	07/24/2018		(NONE)		320C50A40 (GEN)		432
5962-9455802QXA	G	07/24/2018		(NONE)		320C50A50 (GEN)		432
5962-9455802QYA	G	07/24/2018		(NONE)		320C50A50 (GEN)		432
5962-9455803Q9A	G	07/24/2018	3	TI		Y SMJ320C50KGDM50B		432
5962-9455803QXA	G	07/24/2018	3	TI		Y SMJ320C50GFAM50		432
5962-9455803QYA	G	07/24/2018	3	TI		Y SMJ320C50HFGM50		432
5962-9455804Q9A	G	07/24/2018	3	TI		Y SMJ320C50KGDM66B		432
5962-9455804QXA	G	07/24/2018	3	TI		Y SMJ320C50GFAM66		432
5962-9455804QYA	G	07/24/2018	3	TI		Y SMJ320C50HFGM66		432
5962-9455804NZB	G	07/24/2018	3	TI		Y SMJ320C50PQM66		432
5962-9455805Q9A	G	07/24/2018	3	TI		Y SMJ320C50KGDM40B		432
5962-9455806QXA	G	07/24/2018		(NONE)		320C50 (GEN)		432
5962-9455901Q2A	B	12/10/2009		(NONE)	09/30/1995	54F13 (GEN)		104
5962-9455901QCA	B	12/10/2009		(NONE)	09/30/1995	54F13 (GEN)		104

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## SECTION 1, MICROCIRCUITS

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5962-9455901QDA	B	12/10/2009		(NONE)	09/30/1995		54F13 (GEN)	104
5962-9456101MGA	B	09/30/2009		(NONE)	09/09/1998		LM169 (GEN)	785
5962-9456201M2A	A	08/03/2009		(NONE)	12/24/2000		HI-0222 (GEN)	899
5962-9456201MCA	A	08/03/2009		(NONE)			HI-0222 (GEN)	899
5962-9456301HXA	E	05/22/2018	1	INTER. RECT.2		Y	AHF2815S/CH	594
5962-9456301HXC	E	05/22/2018	1	INTER. RECT.2		Y	AHF2815S/CH	594
5962-9456301HZA	E	05/22/2018	1	INTER. RECT.2		Y	AHF2815SF/CH	594
5962-9456301HZC	E	05/22/2018	1	INTER. RECT.2		Y	AHF2815SF/CH	594
5962-9456401QXA		04/20/1994		(NONE)	09/30/1995		56002-40 (GEN)	432
5962-9456501M2C	C	04/13/2017	1	MAXIM INTEG.			MAX220MLP/883B	590
5962-9456501MEA	C	04/13/2017	1	MAXIM INTEG.			MAX220MJE/883B	590
5962-9456502M2C	C	04/13/2017	1	MAXIM INTEG.			MAX222MLP/883B	590
5962-9456502MVA	C	04/13/2017		(NONE)	08/30/2015		MAX222 (GEN)	590
5962-9456503M2C	C	04/13/2017	1	MAXIM INTEG.			MAX232AMLP/883B	590
5962-9456503MEA	C	04/13/2017	1	MAXIM INTEG.			MAX232AMJE/883B	590
5962-9456504M2C	C	04/13/2017		(NONE)	07/10/2015		MAX242 (GEN)	590
5962-9456504MVA	C	04/13/2017		(NONE)	08/30/2015		MAX242 (GEN)	590
5962-9456505M2C	C	04/13/2017		(NONE)	07/10/2015		MAX243 (GEN)	590
5962-9456505MEA	C	04/13/2017		(NONE)	07/10/2015		MAX243 (GEN)	590
5962-9456601MPA	C	01/21/2016	1	ROCHESTER		Y	CLC411A/BPA	760
5962-9456701QXA	A	04/05/2013		(NONE)			7C443-30 (GEN)	670
5962-9456701QYA	A	04/05/2013		(NONE)			7C443-30 (GEN)	670
5962-9456702QXA	A	04/05/2013		(NONE)			7C443-20 (GEN)	670
5962-9456702QYA	A	04/05/2013		(NONE)			7C443-20 (GEN)	670
5962-9456703QXA	A	04/05/2013		(NONE)			7C443-14 (GEN)	670
5962-9456703QYA	A	04/05/2013		(NONE)			7C443-14 (GEN)	670
5962-9456704QXA	A	04/05/2013		(NONE)			7C441-30 (GEN)	670
5962-9456704QYA	A	04/05/2013		(NONE)			7C441-30 (GEN)	670
5962-9456705QXA	A	04/05/2013		(NONE)			7C441-20 (GEN)	670
5962-9456705QYA	A	04/05/2013		(NONE)			7C441-20 (GEN)	670
5962-9456706QXA	A	04/05/2013		(NONE)			7C441-14 (GEN)	670
5962-9456706QYA	A	04/05/2013		(NONE)			7C441-14 (GEN)	670
5962-9456801HXA	D	12/01/2011	1	INTER. RECT.2		Y	AHF2812S/CH	594
5962-9456801HXC	D	12/01/2011	1	INTER. RECT.2		Y	AHF2812S/CH	594
5962-9456801HZA	D	12/01/2011	1	INTER. RECT.2		Y	AHF2812SF/CH	594
5962-9456801HZC	D	12/01/2011	1	INTER. RECT.2		Y	AHF2812SF/CH	594
5962-9456901HUA	C	03/05/2013	1C	INTER. RECT.2		Y	AFL27005SW/CH	594
5962-9456901HUC	C	03/05/2013	1C	INTER. RECT.2		Y	AFL27005SW/CH	594
5962-9456901HXA	C	03/05/2013	1C	INTER. RECT.2		Y	AFL27005SX/CH	594
5962-9456901HXC	C	03/05/2013	1C	INTER. RECT.2		Y	AFL27005SX/CH	594
5962-9456901HYA	C	03/05/2013	1C	INTER. RECT.2		Y	AFL27005SY/CH	594
5962-9456901HYC	C	03/05/2013	1C	INTER. RECT.2		Y	AFL27005SY/CH	594
5962-9456901HZA	C	03/05/2013	1C	INTER. RECT.2		Y	AFL27005SZ/CH	594
5962-9456901HZC	C	03/05/2013	1C	INTER. RECT.2		Y	AFL27005SZ/CH	594
5962-9457001HUA	C	03/05/2013	1C	INTER. RECT.2		Y	AFL27015SW/CH	594
5962-9457001HUC	C	03/05/2013	1C	INTER. RECT.2		Y	AFL27015SW/CH	594
5962-9457001HXA	C	03/05/2013	1C	INTER. RECT.2		Y	AFL27015SX/CH	594
5962-9457001HXC	C	03/05/2013	1C	INTER. RECT.2		Y	AFL27015SX/CH	594
5962-9457001HYA	C	03/05/2013	1C	INTER. RECT.2		Y	AFL27015SY/CH	594

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5962-9457001HYC	C	03/05/2013	1C	INTER. RECT.2		Y AFL27015SY/CH		594
5962-9457001HZA	C	03/05/2013	1C	INTER. RECT.2		Y AFL27015SZ/CH		594
5962-9457001HZC	C	03/05/2013	1C	INTER. RECT.2		Y AFL27015SZ/CH		594
5962-9457201MEA	C	10/19/2015	2	ANALOG (2)		Y AD600SQ/883B		750
5962-9457202MEA	C	10/19/2015		(NONE)	05/14/2011	AD602 (GEN)		750
5962-9457203MPA	C	10/19/2015	2	ANALOG (2)		Y AD603SQ/883B		750
5962-9457301MXC	A	07/13/1994		(NONE)	09/29/1999	48410-25 (GEN)		399
5962-9457301MYA	A	07/13/1994		(NONE)		48410-39 (GEN)		399
5962-9457302MXC	A	07/13/1994		(NONE)	09/29/1999	48410-33 (GEN)		399
5962-9457302MYA	A	07/13/1994		(NONE)		48410-30 (GEN)		399
5962-9457401QXA	A	02/06/2002		(NONE)	12/31/2001	54FB2033 (GEN)		590
5962-9457501Q2A	F	12/02/2011	1	TI		Y UCC1806L/883BC		787
5962-9457501V2A	F	12/02/2011	1	TI		Y UCC1806LQMLV		787
5962-9457501MEA	F	12/02/2011	1	TI		Y UCC1806J/883BC		787
5962-9457501VEA	F	12/02/2011	1	TI		Y UCC1806JQMLV		787
5962-9457601MYA	C	07/11/2016	1	MICROSS		Y MTLT1074QK		786
5962-9457602MYA	C	07/11/2016	1	MICROSS		Y MTLT1074HVQK		786
5962-9457701M3A	D	12/03/2012	3	E2V		Y 54ABT646LMQB		590
5962-9457701Q3A	D	12/03/2012	3	E2V		Y 54ABT646E-QML		590
5962-9457701MKA	D	12/03/2012	3	E2V		Y 54ABT646FMQB		590
5962-9457701QKA	D	12/03/2012	3	E2V		Y 54ABT646W-QML		590
5962-9457701MLA	D	12/03/2012	3	E2V		Y 54ABT646DMQB		590
5962-9457701QLA	D	12/03/2012	3	E2V		Y 54ABT646J-QML		590
5962-9457702Q3A	D	12/03/2012	3	TI		Y SNJ54ABT646AFK		590
5962-9457702QKA	D	12/03/2012		(NONE)	11/28/2015	54ABT646A (GEN)		590
5962-9457702QLA	D	12/03/2012	3	TI		Y SNJ54ABT646AJT		590
5962-9457801QXC		02/05/1997		(NONE)	12/24/1997	8050250 (GEN)		404
5962-9457802NXC		02/05/1997		(NONE)	12/24/1997	8050250 (GEN)		404
5962-9457803NXC		02/05/1997		(NONE)	12/24/1997	8050250 (GEN)		404
5962-9457804QXC		02/05/1997		(NONE)	12/24/1997	8050260 (GEN)		404
5962-9457805NXC		02/05/1997		(NONE)	12/24/1997	8050260 (GEN)		404
5962-9457806NXC		02/05/1997		(NONE)	12/24/1997	8050260 (GEN)		404
5962-9457807QXC		02/05/1997		(NONE)	12/24/1997	8050266 (GEN)		404
5962-9457808NXC		02/05/1997		(NONE)	12/24/1997	8050266 (GEN)		404
5962-9457809NXC		02/05/1997		(NONE)	12/24/1997	8050266 (GEN)		404
5962-9457901MXA	B	01/22/2014	3	E2V		Y 100351DMQB		159
5962-9457901VXA	B	01/22/2014		(NONE)	12/03/2008	100351 (GEN)		159
5962-9457901MYA	B	01/22/2014	3	E2V		Y 100351FMQB		159
5962-9457901VYA	B	01/22/2014		(NONE)	12/03/2008	100351 (GEN)		159
5962R9457901VYA	B	01/22/2014		(NONE)	12/03/2008	100351 (GEN)		159
5962-9458101M2A	A	02/02/2001		(NONE)	04/16/2002	OP482A (GEN)		702
5962-9458101MCA	A	02/02/2001		(NONE)	04/16/2002	OP482A (GEN)		702
5962-9458201MRA	A	12/10/2009		(NONE)	09/01/1997	568A (GEN)		803
5962-9458501H4A	L	08/16/2012	1	MERCURY		Y WE128K32N-300H1Q		669
5962-9458501H4C	L	08/16/2012	1	MERCURY		Y WE128K32N-300H1Q		669
5962-9458501H5A	L	08/16/2012	1	MERCURY		Y WE128K32-300H1Q		669
5962-9458501H5C	L	08/16/2012	1	MERCURY		Y WE128K32-300H1Q		669
5962-9458501H6A	L	08/16/2012	1	MERCURY		Y WE128K32NP-300H1Q		669
5962-9458501H6C	L	08/16/2012	1	MERCURY		Y WE128K32NP-300H1Q		669

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5962-9458501H9A	L	08/16/2012	1	MERCURY		Y WE128K32-300G1UQ		669
5962-9458501H9C	L	08/16/2012	1	MERCURY		Y WE128K32-300G1UQ		669
5962-9458501HBA	L	08/16/2012	1	MERCURY		Y WE128K32-300G1TQ		669
5962-9458501HBC	L	08/16/2012	1	MERCURY		Y WE128K32-300G1TQ		669
5962-9458501HMA	L	08/16/2012	1	MERCURY		Y WE128K32-300G2Q		669
5962-9458501HMC	L	08/16/2012	1	MERCURY		Y WE128K32-300G2Q		669
5962-9458501HNC	L	08/16/2012	1	MERCURY		Y WE128K32-300G4Q		669
5962-9458501HTA	L	08/16/2012	1	MERCURY		Y WE128K32N-300HQ		669
5962-9458501HTC	L	08/16/2012	1	MERCURY		Y WE128K32N-300HQ		669
5962-9458501HUA	L	08/16/2012	1	MERCURY		Y WE128K32N-300HQ		669
5962-9458501HUC	L	08/16/2012	1	MERCURY		Y WE128K32N-300HQ		669
5962-9458501HXA	L	08/16/2012	1	MERCURY		Y WE128K32-300HQ		669
5962-9458501HXC	L	08/16/2012	1	MERCURY		Y WE128K32-300HQ		669
5962-9458501HYA	L	08/16/2012	1	MERCURY		Y WE128K32-300HQ		669
5962-9458501HYC	L	08/16/2012	1	MERCURY		Y WE128K32-300HQ		669
5962-9458502H4A	L	08/16/2012	1	MERCURY		Y WE128K32N-250H1Q		669
5962-9458502H4C	L	08/16/2012	1	MERCURY		Y WE128K32N-250H1Q		669
5962-9458502H5A	L	08/16/2012	1	MERCURY		Y WE128K32-250H1Q		669
5962-9458502H5C	L	08/16/2012	1	MERCURY		Y WE128K32-250H1Q		669
5962-9458502H6A	L	08/16/2012	1	MERCURY		Y WE128K32NP-250H1Q		669
5962-9458502H6C	L	08/16/2012	1	MERCURY		Y WE128K32NP-250H1Q		669
5962-9458502H9A	L	08/16/2012	1	MERCURY		Y WE128K32-250G1UQ		669
5962-9458502H9C	L	08/16/2012	1	MERCURY		Y WE128K32-250G1UQ		669
5962-9458502HBA	L	08/16/2012	1	MERCURY		Y WE128K32-250G1TQ		669
5962-9458502HBC	L	08/16/2012	1	MERCURY		Y WE128K32-250G1TQ		669
5962-9458502HMA	L	08/16/2012	1	MERCURY		Y WE128K32-250G2Q		669
5962-9458502HMC	L	08/16/2012	1	MERCURY		Y WE128K32-250G2Q		669
5962-9458502HNC	L	08/16/2012	1	MERCURY		Y WE128K32-250G4Q		669
5962-9458502HTA	L	08/16/2012	1	MERCURY		Y WE128K32N-250HQ		669
5962-9458502HTC	L	08/16/2012	1	MERCURY		Y WE128K32N-250HQ		669
5962-9458502HUA	L	08/16/2012	1	MERCURY		Y WE128K32N-250HQ		669
5962-9458502HUC	L	08/16/2012	1	MERCURY		Y WE128K32N-250HQ		669
5962-9458502HXA	L	08/16/2012	1	MERCURY		Y WE128K32-250HQ		669
5962-9458502HXC	L	08/16/2012	1	MERCURY		Y WE128K32-250HQ		669
5962-9458502HYA	L	08/16/2012	1	MERCURY		Y WE128K32-250HQ		669
5962-9458502HYC	L	08/16/2012	1	MERCURY		Y WE128K32-250HQ		669
5962-9458503H4A	L	08/16/2012	1	MERCURY		Y WE128K32N-200H1Q		669
5962-9458503H4C	L	08/16/2012	1	MERCURY		Y WE128K32N-200H1Q		669
5962-9458503H5A	L	08/16/2012	1	MERCURY		Y WE128K32-200H1Q		669
5962-9458503H5C	L	08/16/2012	1	MERCURY		Y WE128K32-200H1Q		669
5962-9458503H6A	L	08/16/2012	1	MERCURY		Y WE128K32NP-200H1Q		669
5962-9458503H6C	L	08/16/2012	1	MERCURY		Y WE128K32NP-200H1Q		669
5962-9458503H9A	L	08/16/2012	1	MERCURY		Y WE128K32-200G1UQ		669
5962-9458503H9C	L	08/16/2012	1	MERCURY		Y WE128K32-200G1UQ		669
5962-9458503HBA	L	08/16/2012	1	MERCURY		Y WE128K32-200G1TQ		669
5962-9458503HBC	L	08/16/2012	1	MERCURY		Y WE128K32-200G1TQ		669
5962-9458503HMA	L	08/16/2012	1	MERCURY		Y WE128K32-200G2Q		669
5962-9458503HMC	L	08/16/2012	1	MERCURY		Y WE128K32-200G2Q		669
5962-9458503HNC	L	08/16/2012	1	MERCURY		Y WE128K32-200G4Q		669



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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9458503HTA	L	08/16/2012	1	MERCURY		Y WE128K32N-200HQ		669
5962-9458503HTC	L	08/16/2012	1	MERCURY		Y WE128K32N-200HQ		669
5962-9458503HUA	L	08/16/2012	1	MERCURY		Y WE-128K32N-200HQ		669
5962-9458503HUC	L	08/16/2012	1	MERCURY		Y WE128K32N-200HQ		669
5962-9458503HXA	L	08/16/2012	1	MERCURY		Y WE128K32-200HQ		669
5962-9458503HXC	L	08/16/2012	1	MERCURY		Y WE128K32-200HQ		669
5962-9458503HYA	L	08/16/2012	1	MERCURY		Y WE128K32-200HQ		669
5962-9458503HYC	L	08/16/2012	1	MERCURY		Y WE128K32-200HQ		669
5962-9458504H4A	L	08/16/2012	1	MERCURY		Y WE128K32N-150H1Q		669
5962-9458504H4C	L	08/16/2012	1	MERCURY		Y WE128K32N-150H1Q		669
5962-9458504H5A	L	08/16/2012	1	MERCURY		Y WE128K32-150H1Q		669
5962-9458504H5C	L	08/16/2012	1	MERCURY		Y WE128K32-150H1Q		669
5962-9458504H6A	L	08/16/2012	1	MERCURY		Y WE128K32NP-150H1Q		669
5962-9458504H6C	L	08/16/2012	1	MERCURY		Y WE128K32NP-150H1Q		669
5962-9458504H9A	L	08/16/2012	1	MERCURY		Y WE128K32-150G1UQ		669
5962-9458504H9C	L	08/16/2012	1	MERCURY		Y WE128K32-150G1UQ		669
5962-9458504HBA	L	08/16/2012	1	MERCURY		Y WE128K32-150G1TQ		669
5962-9458504HBC	L	08/16/2012	1	MERCURY		Y WE128K32-150G1TQ		669
5962-9458504HMA	L	08/16/2012	1	MERCURY		Y WE128K32-150G2Q		669
5962-9458504HMC	L	08/16/2012	1	MERCURY		Y WE128K32-150G2Q		669
5962-9458504HNC	L	08/16/2012	1	MERCURY		Y WE128K32-150G4Q		669
5962-9458504HTA	L	08/16/2012	1	MERCURY		Y WE128K32N-150HQ		669
5962-9458504HTC	L	08/16/2012	1	MERCURY		Y WE128K32N-150HQ		669
5962-9458504HUA	L	08/16/2012	1	MERCURY		Y WE128K32N-150HQ		669
5962-9458504HUC	L	08/16/2012	1	MERCURY		Y WE128K32N-150HQ		669
5962-9458504HXA	L	08/16/2012	1	MERCURY		Y WE128K32-150HQ		669
5962-9458504HXC	L	08/16/2012	1	MERCURY		Y WE128K32-150HQ		669
5962-9458504HYA	L	08/16/2012	1	MERCURY		Y WE128K32-150HQ		669
5962-9458504HYC	L	08/16/2012	1	MERCURY		Y WE128K32-150HQ		669
5962-9458505H4A	L	08/16/2012	1	MERCURY		Y WE128K32N-140H1Q		669
5962-9458505H4C	L	08/16/2012	1	MERCURY		Y WE128K32N-140H1Q		669
5962-9458505H5A	L	08/16/2012	1	MERCURY		Y WE128K32-140H1Q		669
5962-9458505H5C	L	08/16/2012	1	MERCURY		Y WE128K32-140H1Q		669
5962-9458505H6A	L	08/16/2012	1	MERCURY		Y WE128K32NP-140H1Q		669
5962-9458505H6C	L	08/16/2012	1	MERCURY		Y WE128K32NP-140H1Q		669
5962-9458505H9A	L	08/16/2012	1	MERCURY		Y WE128K32-140G1UQ		669
5962-9458505H9C	L	08/16/2012	1	MERCURY		Y WE128K32-140G1UQ		669
5962-9458505HBA	L	08/16/2012	1	MERCURY		Y WE128K32-140G1TQ		669
5962-9458505HBC	L	08/16/2012	1	MERCURY		Y WE128K32-140G1TQ		669
5962-9458505HMA	L	08/16/2012	1	MERCURY		Y WE128K32-140G2Q		669
5962-9458505HMC	L	08/16/2012	1	MERCURY		Y WE128K32-140G2Q		669
5962-9458505HNC	L	08/16/2012	1	MERCURY		Y WE128K32-140G4Q		669
5962-9458505HTA	L	08/16/2012	1	MERCURY		Y WE128K32N-140HQ		669
5962-9458505HTC	L	08/16/2012	1	MERCURY		Y WE128K32N-140HQ		669
5962-9458505HUA	L	08/16/2012	1	MERCURY		Y WE128K32N-140HQ		669
5962-9458505HUC	L	08/16/2012	1	MERCURY		Y WE128K32N-140HQ		669
5962-9458505HXA	L	08/16/2012	1	MERCURY		Y WE128K32-140HQ		669
5962-9458505HXC	L	08/16/2012	1	MERCURY		Y WE128K32-140HQ		669
5962-9458505HYA	L	08/16/2012	1	MERCURY		Y WE128K32-140HQ		669



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## SECTION 1, MICROCIRCUITS

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9458505HYC	L	08/16/2012	1	MERCURY		Y WE128K32-140HQ		669
5962-9458506H4A	L	08/16/2012		(NONE)		128K32-120 (GEN)		669
5962-9458506H5A	L	08/16/2012		(NONE)		128K32-120 (GEN)		669
5962-9458506H6A	L	08/16/2012		(NONE)		128K32-120 (GEN)		669
5962-9458506H9A	L	08/16/2012		(NONE)		128K32-120 (GEN)		669
5962-9458506HBA	L	08/16/2012		(NONE)		128K32-120 (GEN)		669
5962-9458506HMA	L	08/16/2012		(NONE)		128K32-120 (GEN)		669
5962-9458506HNC	L	08/16/2012		(NONE)		128K32-120 (GEN)		669
5962-9458506HTA	L	08/16/2012		(NONE)		128K32-120 (GEN)		669
5962-9458506HUA	L	08/16/2012		(NONE)		128K32-120 (GEN)		669
5962-9458506HXA	L	08/16/2012		(NONE)		128K32-120 (GEN)		669
5962-9458506HYA	L	08/16/2012		(NONE)		128K32-120 (GEN)		669
5962-9458507HMA	L	08/16/2012		(NONE)		128K32-250 (GEN)		669
5962-9458507HZC	L	08/16/2012		(NONE)		128K32-250 (GEN)		669
5962-9458508HMA	L	08/16/2012		(NONE)		128K32-200 (GEN)		669
5962-9458508HZC	L	08/16/2012		(NONE)		128K32-200 (GEN)		669
5962-9458509HMA	L	08/16/2012		(NONE)		128K32-150 (GEN)		669
5962-9458509HZC	L	08/16/2012		(NONE)		128K32-150 (GEN)		669
5962-9458601Q3A	B	06/30/2014	3	TI		Y SNJ54ABT8646FK		399
5962-9458601QXA	B	06/30/2014	3	TI		Y SNJ54ABT8646JT		399
5962-9458701QXA	D	06/25/2015	3	TI		Y SNJ54ABT162244WD		529
5962-9458801MXA	A	03/07/2013		(NONE)		7C474-40 (GEN)		670
5962-9458801MYA	A	03/07/2013		(NONE)		7C474-40 (GEN)		670
5962-9458802MXA	A	03/07/2013		(NONE)		7C474-25 (GEN)		670
5962-9458802MYA	A	03/07/2013		(NONE)		7C474-25 (GEN)		670
5962-9458803MXA	A	03/07/2013		(NONE)		7C474-20 (GEN)		670
5962-9458803MYA	A	03/07/2013		(NONE)		7C474-20 (GEN)		670
5962-9459001MXA	B	06/20/2016	3	E2V		Y 100307DMQB		149
5962-9459001VXA	B	06/20/2016		(NONE)	12/03/2008	100307 (GEN)		149
5962-9459001MYA	B	06/20/2016	3	E2V		Y 100307FMQB		149
5962-9459001VYA	B	06/20/2016		(NONE)	12/03/2008	100307 (GEN)		149
5962-9459101MXA	B	01/21/2014	3	E2V		Y 100341DMQB		228
5962-9459101VXA	B	01/21/2014		(NONE)	12/03/2008	100341 (GEN)		228
5962-9459101MYA	B	01/21/2014	3	E2V		Y 100341FMQB		228
5962-9459101VYA	B	01/21/2014		(NONE)	12/03/2008	100341 (GEN)		228
5962F9459101VYA	B	01/21/2014		(NONE)	12/03/2008	100341 (GEN)		228
5962-9459201MXA	B	06/21/2016	3	E2V		Y 100364DMQB		270
5962-9459201VXA	B	06/21/2016		(NONE)	12/03/2008	100364 (GEN)		270
5962-9459201MYA	B	06/21/2016	3	E2V		Y 100364FMQB		270
5962-9459201VYA	B	06/21/2016		(NONE)	12/03/2008	100364 (GEN)		270
5962-9459301VHA	F	09/07/2018		(NONE)	04/01/2014	AD8001S (GEN)		701
5962R9459301VHA	F	09/07/2018	2	ANALOG (4)		Y AD8001SL/QMLR		701
5962-9459301MPA	F	09/07/2018	1	ANALOG (2)		Y AD8001SQ/883		701
5962-9459301VPA	F	09/07/2018		(NONE)	04/01/2014	AD8001S (GEN)		701
5962R9459301VPA	F	09/07/2018	2	ANALOG (4)		Y AD8001SQ/QMLR		701
5962L9459302VHA	F	09/07/2018	2	ANALOG (4)		Y AD8001SL/QMLL		701
5962-9459401MCA	B	01/07/2014		(NONE)	03/31/1998	MIC4467 (GEN)		500
5962-9459402MCA	B	01/07/2014		(NONE)	03/31/1998	MIC4468 (GEN)		502
5962-9459403MCA	B	01/07/2014	1	MICROSS		Y MYX6M4469C14		502

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9459701MPA	A	12/15/2000		(NONE)	12/06/2005		CLC426A (GEN)	719
5962-9459801HXA	C	03/17/2015	1	ANAREN		Y	MSK1348B	809
5962-9459801HXC	C	03/17/2015	1	ANAREN		Y	MSK1348B	809
5962-9459901MXA	C	08/11/2014		(NONE)	10/04/2017		12C68-55 (GEN)	620
5962-9459901MYA	C	08/11/2014		(NONE)	07/02/2014		12C68-55 (GEN)	620
5962-9459902MXA	C	08/11/2014		(NONE)			12C68-45 (GEN)	620
5962-9459902MYA	C	08/11/2014		(NONE)			12C68-45 (GEN)	620
5962-9459903MXA	C	08/11/2014		(NONE)	10/04/2017		12C68-35 (GEN)	620
5962-9459903MYA	C	08/11/2014		(NONE)	10/04/2017		12C68-35 (GEN)	620
5962-9460001MGA	D	08/19/2008		(NONE)			LTC1051 (GEN)	710
5962-9460001MPA	D	08/19/2008		(NONE)	12/31/2001		LTC1051 (GEN)	710
5962-9460001MXA	D	08/19/2008		(NONE)	12/31/2001		LTC1051 (GEN)	710
5962-9460002MGA	D	08/19/2008		(NONE)			LTC1051A (GEN)	710
5962-9460002MPA	D	08/19/2008		(NONE)	12/31/2001		LTC1051A (GEN)	710
5962-9460002MXA	D	08/19/2008		(NONE)	12/31/2001		LTC1051A (GEN)	710
5962-9460101QXA	D	03/25/2015		(NONE)	05/27/1998		54ABT18245 (GEN)	399
5962-9460102QXA	D	03/25/2015	2	TI		Y	SNJ54ABT18245AWD	399
5962-9460201Q2A	D	03/25/2015	1	TI		Y	TLE2071MFKB	703
5962-9460201QHA	D	03/25/2015		(NONE)	11/28/2015		TLE2071M (GEN)	703
5962-9460201QPA	D	03/25/2015	1	TI		Y	TLE2071MJGB	703
5962-9460202Q2A	D	03/25/2015	1	TI		Y	TLE2072MFKB	710
5962-9460202QHA	D	03/25/2015	1	TI		Y	TLE2072MUB	710
5962-9460202QPA	D	03/25/2015	1	TI		Y	TLE2072MJGB	710
5962-9460203Q2A	D	03/25/2015	1	TI		Y	TLE2074MFKB	713
5962-9460203QCA	D	03/25/2015	1	TI		Y	TLE2074MJB	713
5962-9460203QDA	D	03/25/2015		(NONE)	11/28/2015		TLE2074M (GEN)	713
5962-9460204Q2A	D	03/25/2015	1	TI		Y	TLE2071AMFKB	703
5962-9460204QDA	D	03/25/2015	1	TI		Y	TLE2071AMWB	703
5962-9460204QHA	D	03/25/2015	1	TI		Y	TLE2071AMUB	703
5962-9460204QPA	D	03/25/2015	1	TI		Y	TLE2071AMJGB	703
5962-9460205Q2A	D	03/25/2015	1	TI		Y	TLE2072AMFKB	710
5962-9460205QHA	D	03/25/2015	1	TI		Y	TLE2072AMUB	710
5962-9460205QPA	D	03/25/2015	1	TI		Y	TLE2072AMJGB	710
5962-9460206Q2A	D	03/25/2015	1	TI		Y	TLE2074AMFKB	713
5962-9460206QCA	D	03/25/2015	1	TI		Y	TLE2074AMJB	713
5962-9460206QDA	D	03/25/2015	1	TI		Y	TLE2074AMWB	713
5962-9460301MCA	A	12/10/2009		(NONE)	09/09/1998		LM6182A (GEN)	899
5962-9460401MPA	B	03/22/2010		(NONE)			LMC6061 (GEN)	710
5962-9460801MXA	A	07/23/2009		(NONE)	04/01/2000		12-65 (GEN)	208
5962-9460802MXA	A	07/23/2009		(NONE)	04/01/2000		12-50 (GEN)	208
5962-9461001H4A	C	06/30/2006	1	MERCURY		Y	WF128K32N-200H1Q	669
5962-9461001H4C	C	06/30/2006	1	MERCURY		Y	WF128K32N-200H1Q	669
5962-9461001H5A	C	06/30/2006	1	MERCURY		Y	WF128K32NA-200H1Q	669
5962-9461001H5C	C	06/30/2006	1	MERCURY		Y	WF128K32NA-200H1Q	669
5962-9461001HMA	C	06/30/2006	1	MERCURY		Y	WF128K32-200G2Q	669
5962-9461001HMC	C	06/30/2006	1	MERCURY		Y	WF128K32-200G2Q	669
5962-9461001HNC	C	06/30/2006	1	MERCURY		Y	WF128K32-200G4Q	669
5962-9461001HWA	C	06/30/2006	1	MERCURY		Y	WF128K32-200HSQ	669
5962-9461001HWC	C	06/30/2006	1	MERCURY		Y	WF128K32-200HSQ	669

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9461001HXA	C	06/30/2006	1	MERCURY		Y	WF128K32-200HQ	669
5962-9461001HXC	C	06/30/2006	1	MERCURY		Y	WF128K32-200HQ	669
5962-9461001HYA	C	06/30/2006	1	MERCURY		Y	WF128K32N-200HSQ	669
5962-9461001HYC	C	06/30/2006	1	MERCURY		Y	WF128K32N-200HSQ	669
5962-9461001HZA	C	06/30/2006	1	MERCURY		Y	WF128K32N-200HQ	669
5962-9461001HZC	C	06/30/2006	1	MERCURY		Y	WF128K32N-200HQ	669
5962-9461002H4A	C	06/30/2006	1	MERCURY		Y	WF128K32N-150H1Q	669
5962-9461002H4C	C	06/30/2006	1	MERCURY		Y	WF128K32N-150H1Q	669
5962-9461002H5A	C	06/30/2006	1	MERCURY		Y	WF128K32NA-150H1Q	669
5962-9461002H5C	C	06/30/2006	1	MERCURY		Y	WF128K32NA-150H1Q	669
5962-9461002HMA	C	06/30/2006	1	MERCURY		Y	WF128K32-150G2Q	669
5962-9461002HMC	C	06/30/2006	1	MERCURY		Y	WF128K32-150G2Q	669
5962-9461002HNC	C	06/30/2006	1	MERCURY		Y	WF128K32-150G4Q	669
5962-9461002HWA	C	06/30/2006	1	MERCURY		Y	WF128K32-150HSQ	669
5962-9461002HWC	C	06/30/2006	1	MERCURY		Y	WF128K32-150HSQ	669
5962-9461002HXA	C	06/30/2006	1	MERCURY		Y	WF128K32-150HQ	669
5962-9461002HXC	C	06/30/2006	1	MERCURY		Y	WF128K32-150HQ	669
5962-9461002HYA	C	06/30/2006	1	MERCURY		Y	WF128K32N-150HSQ	669
5962-9461002HYC	C	06/30/2006	1	MERCURY		Y	WF128K32N-150HSQ	669
5962-9461002HZA	C	06/30/2006	1	MERCURY		Y	WF128K32N-150HQ	669
5962-9461002HZC	C	06/30/2006	1	MERCURY		Y	WF128K32N-150HQ	669
5962-9461003H4A	C	06/30/2006	1	MERCURY		Y	WF128K32N-120H1Q	669
5962-9461003H4C	C	06/30/2006	1	MERCURY		Y	WF128K32N-120H1Q	669
5962-9461003H5A	C	06/30/2006	1	MERCURY		Y	WF128K32NA-120H1Q	669
5962-9461003H5C	C	06/30/2006	1	MERCURY		Y	WF128K32NA-120H1Q	669
5962-9461003HMA	C	06/30/2006	1	MERCURY		Y	WF128K32-120G2Q	669
5962-9461003HMC	C	06/30/2006	1	MERCURY		Y	WF128K32-120G2Q	669
5962-9461003HNC	C	06/30/2006	1	MERCURY		Y	WF128K32-120G4Q	669
5962-9461003HWA	C	06/30/2006	1	MERCURY		Y	WF128K32-120HSQ	669
5962-9461003HWC	C	06/30/2006	1	MERCURY		Y	WF128K32-120HSQ	669
5962-9461003HXA	C	06/30/2006	1	MERCURY		Y	WF128K32-120HQ	669
5962-9461003HXC	C	06/30/2006	1	MERCURY		Y	WF128K32-120HQ	669
5962-9461003HYA	C	06/30/2006	1	MERCURY		Y	WF128K32N-120HSQ	669
5962-9461003HYC	C	06/30/2006	1	MERCURY		Y	WF128K32N-120HSQ	669
5962-9461003HZA	C	06/30/2006	1	MERCURY		Y	WF128K32N-120HQ	669
5962-9461003HZC	C	06/30/2006	1	MERCURY		Y	WF128K32N-120HQ	669
5962-9461101HMA	U	10/25/2016	1	MERCURY		Y	WS512K32-120G2Q	629
5962-9461101HMC	U	10/25/2016	1	MERCURY		Y	WS512K32-120G2Q	629
5962-9461101HUA	U	10/25/2016	1	MERCURY		Y	WS512K32N-120HQ	629
5962-9461101HUC	U	10/25/2016	1	MERCURY		Y	WS512K32N-120HQ	629
5962-9461101HXA	U	10/25/2016		(NONE)			512K32-120 (GEN)	629
5962-9461101HYC	U	10/25/2016	1	MERCURY		Y	WS512K32-120G4Q	629
5962-9461102HMA	U	10/25/2016	1	MERCURY		Y	WS512K32-100G2Q	629
5962-9461102HMC	U	10/25/2016	1	MERCURY		Y	WS512K32-100G2Q	629
5962-9461102HUA	U	10/25/2016	1	MERCURY		Y	WS512K32N-100HQ	629
5962-9461102HUC	U	10/25/2016	1	MERCURY		Y	WS512K32N-100HQ	629
5962-9461102HXA	U	10/25/2016		(NONE)			512K32-100 (GEN)	629
5962-9461102HYC	U	10/25/2016	1	MERCURY		Y	WS512K32-100G4Q	629
5962-9461103HMA	U	10/25/2016	1	MERCURY		Y	WS512K32-85G2Q	629

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9461103HMC	U	10/25/2016	1	MERCURY		Y	WS512K32-85G2Q	629
5962-9461103HUA	U	10/25/2016	1	MERCURY		Y	WS512K32N-85HQ	629
5962-9461103HUC	U	10/25/2016	1	MERCURY		Y	WS512K32N-85HQ	629
5962-9461103HXA	U	10/25/2016		(NONE)			512K32-85 (GEN)	629
5962-9461103HYC	U	10/25/2016	1	MERCURY		Y	WS512K32-85G4Q	629
5962-9461104HMA	U	10/25/2016	1	MERCURY		Y	WS512K32-70G2Q	629
5962-9461104HMC	U	10/25/2016	1	MERCURY		Y	WS512K32-70G2Q	629
5962-9461104HUA	U	10/25/2016	1	MERCURY		Y	WS512K32N-70HQ	629
5962-9461104HUC	U	10/25/2016	1	MERCURY		Y	WS512K32N-70HQ	629
5962-9461104HXA	U	10/25/2016		(NONE)			512K32-70 (GEN)	629
5962-9461104HYC	U	10/25/2016	1	MERCURY		Y	WS512K32-70G4Q	629
5962-9461105H9A	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-55G1UQ	629
5962-9461105H9C	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-55G1UQ	629
5962-9461105HAA	U	10/25/2016	1	MERCURY		Y	WS512K32-55G2LQ	629
5962-9461105HAA	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q1-55L	629
5962-9461105HAC	U	10/25/2016	1	MERCURY		Y	WS512K32-55G2LQ	629
5962-9461105HAC	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q1-55L	629
5962-9461105HBA	U	10/25/2016	1	MERCURY		Y	WS512K32-55G1TQ	629
5962-9461105HBC	U	10/25/2016	1	MERCURY		Y	WS512K32-55G1TQ	629
5962-9461105HMA	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-55G2Q	629
5962-9461105HMA	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q-55L	629
5962-9461105HMC	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-55G2Q	629
5962-9461105HMC	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q-55L	629
5962-9461105HTA	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32N-55H1Q	629
5962-9461105HTA	U	10/25/2016	1	MICROSS		Y	AS8S512K32P-55L	629
5962-9461105HTC	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32N-55H1Q	629
5962-9461105HTC	U	10/25/2016	1	MICROSS		Y	AS8S512K32P-55L	629
5962-9461105HXA	U	10/25/2016		(NONE)			512K32-55 (GEN)	629
5962-9461105HYC	U	10/25/2016	1	MERCURY		Y	WS512K32-55G4TQ	629
5962-9461106H9A	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-45G1UQ	629
5962-9461106H9C	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-45G1UQ	629
5962-9461106HAA	U	10/25/2016	1	MERCURY		Y	WS512K32-45G2LQ	629
5962-9461106HAA	U	10/25/2016	1	MICROSS	09/30/2018	Y	AS8S512K32Q1-45L	629
5962-9461106HAC	U	10/25/2016	1	MERCURY		Y	WS512K32-45G2LQ	629
5962-9461106HAC	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q1-45L	629
5962-9461106HBA	U	10/25/2016	1	MERCURY		Y	WS512K32-45G1TQ	629
5962-9461106HBC	U	10/25/2016	1	MERCURY		Y	WS512K32-45G1TQ	629
5962-9461106HMA	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-45G2Q	629
5962-9461106HMA	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q-45L	629
5962-9461106HMC	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-45G2Q	629
5962-9461106HMC	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q-45L	629
5962-9461106HTA	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32N-45H1Q	629
5962-9461106HTA	U	10/25/2016	1	MICROSS		Y	AS8S512K32P-45L	629
5962-9461106HTC	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32N-45H1Q	629
5962-9461106HTC	U	10/25/2016	1	MICROSS		Y	AS8S512K32P-45L	629
5962-9461106HXA	U	10/25/2016		(NONE)			512K32-45 (GEN)	629
5962-9461106HYC	U	10/25/2016	1	MERCURY		Y	WS512K32-45G4TQ	629
5962-9461107H9A	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-35G1UQ	629
5962-9461107H9C	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-35G1UQ	629

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9461107HAA	U	10/25/2016	1	MERCURY		Y	WS512K32-35G2LQ	629
5962-9461107HAA	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q1-35L	629
5962-9461107HAC	U	10/25/2016	1	MERCURY		Y	WS512K32-35G2LQ	629
5962-9461107HAC	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q1-35L	629
5962-9461107HBA	U	10/25/2016	1	MERCURY		Y	WS512K32-35G1TQ	629
5962-9461107HBC	U	10/25/2016	1	MERCURY		Y	WS512K32-35G1TQ	629
5962-9461107HMA	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-35G2Q	629
5962-9461107HMA	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q-35L	629
5962-9461107HMC	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-35G2Q	629
5962-9461107HMC	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q-35L	629
5962-9461107HTA	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32N-35H1Q	629
5962-9461107HTA	U	10/25/2016	1	MICROSS		Y	AS8S512K32P-35L	629
5962-9461107HTC	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32N-35H1Q	629
5962-9461107HTC	U	10/25/2016	1	MICROSS		Y	AS8S512K32P-35L	629
5962-9461107HXA	U	10/25/2016		(NONE)			512K32-35 (GEN)	629
5962-9461107HYC	U	10/25/2016	1	MERCURY		Y	WS512K32-35G4TQ	629
5962-9461108H9A	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-25G1UQ	629
5962-9461108H9C	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-25G1UQ	629
5962-9461108HAA	U	10/25/2016	1	MERCURY		Y	WS512K32-25G2LQ	629
5962-9461108HAA	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q1-25L	629
5962-9461108HAC	U	10/25/2016	1	MERCURY		Y	WS512K32-25G2LQ	629
5962-9461108HAC	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q1-25L	629
5962-9461108HBA	U	10/25/2016	1	MERCURY		Y	WS512K32-25G1TQ	629
5962-9461108HBC	U	10/25/2016	1	MERCURY		Y	WS512K32-25G1TQ	629
5962-9461108HMA	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-25G2Q	629
5962-9461108HMA	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q-25L	629
5962-9461108HMC	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-25G2Q	629
5962-9461108HMC	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q-25L	629
5962-9461108HTA	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32N-25H1Q	629
5962-9461108HTA	U	10/25/2016	1	MICROSS		Y	AS8S512K32P-25L	629
5962-9461108HTC	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32N-25H1Q	629
5962-9461108HTC	U	10/25/2016	1	MICROSS		Y	AS8S512K32P-25L	629
5962-9461108HXA	U	10/25/2016		(NONE)			512K32-25 (GEN)	629
5962-9461108HYC	U	10/25/2016	1	MERCURY		Y	WS512K32-25G4TQ	629
5962-9461109H9A	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-20G1UQ	629
5962-9461109H9C	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-20G1UQ	629
5962-9461109HAA	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-20G2LQ	629
5962-9461109HAA	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q1-20L	629
5962-9461109HAC	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-20G2LQ	629
5962-9461109HAC	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q1-20L	629
5962-9461109HBA	U	10/25/2016	1	MERCURY		Y	WS512K32-20G1TQ	629
5962-9461109HBC	U	10/25/2016	1	MERCURY		Y	WS512K32-20G1TQ	629
5962-9461109HMA	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-20G2Q	629
5962-9461109HMA	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q-20L	629
5962-9461109HMC	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32-20G2Q	629
5962-9461109HMC	U	10/25/2016	1	MICROSS		Y	AS8S512K32Q-20L	629
5962-9461109HTA	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32N-20H1Q	629
5962-9461109HTA	U	10/25/2016	1	MICROSS		Y	AS8S512K32P-20L	629
5962-9461109HTC	U	10/25/2016	1	MERCURY	09/30/2018	Y	WS512K32N-20H1Q	629



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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9461109HTC	U	10/25/2016	1	MICROSS		Y AS8S512K32P-20L		629
5962-9461109HXA	U	10/25/2016		(NONE)		512K32-20 (GEN)		629
5962-9461109HYC	U	10/25/2016	1	MERCURY		Y WS512K32-20G4TQ		629
5962-9461110H9A	U	10/25/2016	1	MERCURY	09/30/2018	Y WS512K32-17G1UQ		629
5962-9461110H9C	U	10/25/2016	1	MERCURY	09/30/2018	Y WS512K32-17G1UQ		629
5962-9461110HAA	U	10/25/2016	1	MERCURY	09/30/2018	Y WS512K32-17G2LQ		629
5962-9461110HAA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-17L		629
5962-9461110HAC	U	10/25/2016	1	MERCURY	09/30/2018	Y WS512K32-17G2LQ		629
5962-9461110HAC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-17L		629
5962-9461110HBA	U	10/25/2016	1	MERCURY		Y WS512K32-17G1TQ		629
5962-9461110HBC	U	10/25/2016	1	MERCURY		Y WS512K32-17G1TQ		629
5962-9461110HMA	U	10/25/2016	1	MERCURY	09/30/2018	Y WS512K32-17G2Q		629
5962-9461110HMA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-17L		629
5962-9461110HMC	U	10/25/2016	1	MERCURY	09/30/2018	Y WS512K32-17G2Q		629
5962-9461110HMC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-17L		629
5962-9461110HTA	U	10/25/2016	1	MERCURY	09/30/2018	Y WS512K32N-17H1Q		629
5962-9461110HTA	U	10/25/2016	1	MICROSS		Y AS8S512K32P-17L		629
5962-9461110HTC	U	10/25/2016	1	MERCURY	09/30/2018	Y WS512K32N-17H1Q		629
5962-9461110HTC	U	10/25/2016	1	MICROSS		Y AS8S512K32P-17L		629
5962-9461110HXA	U	10/25/2016		(NONE)		512K32-17 (GEN)		629
5962-9461110HYC	U	10/25/2016	1	MERCURY		Y WS512K32-17G4TQ		629
5962-9461111H9A	U	10/25/2016	1	MERCURY		Y WS512K32D-55G1UQ		629
5962-9461111H9C	U	10/25/2016	1	MERCURY		Y WS512K32D-55G1UQ		629
5962-9461111HAA	U	10/25/2016	1	MERCURY		Y WS512K32D-55G2LQ		629
5962-9461111HAA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-55		629
5962-9461111HAC	U	10/25/2016	1	MERCURY		Y WS512K32D-55G2LQ		629
5962-9461111HAC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-55		629
5962-9461111HBA	U	10/25/2016	1	MERCURY		Y WS512K32D-55G1TQ		629
5962-9461111HBC	U	10/25/2016	1	MERCURY		Y WS512K32D-55G1TQ		629
5962-9461111HMA	U	10/25/2016	1	MERCURY		Y WS512K32D-55G2Q		629
5962-9461111HMA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-55		629
5962-9461111HMC	U	10/25/2016	1	MERCURY		Y WS512K32D-55G2Q		629
5962-9461111HMC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-55		629
5962-9461111HTA	U	10/25/2016	1	MERCURY		Y WS512K32ND-55H1Q		629
5962-9461111HTA	U	10/25/2016	1	MICROSS		Y AS8S512K32P-55		629
5962-9461111HTC	U	10/25/2016	1	MERCURY		Y WS512K32ND-55H1Q		629
5962-9461111HTC	U	10/25/2016	1	MICROSS		Y AS8S512K32P-55		629
5962-9461111HXA	U	10/25/2016		(NONE)		512K32-55 (GEN)		629
5962-9461111HYC	U	10/25/2016	1	MERCURY		Y WS512K32D-55G4TQ		629
5962-9461112H9A	U	10/25/2016	1	MERCURY		Y WS512K32D-45G1UQ		629
5962-9461112H9C	U	10/25/2016	1	MERCURY		Y WS512K32D-45G1UQ		629
5962-9461112HAA	U	10/25/2016	1	MERCURY		Y WS512K32D-45G2LQ		629
5962-9461112HAA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-45		629
5962-9461112HAC	U	10/25/2016	1	MERCURY		Y WS512K32D-45G2LQ		629
5962-9461112HAC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-45		629
5962-9461112HBA	U	10/25/2016	1	MERCURY		Y WS512K32D-45G1TQ		629
5962-9461112HBC	U	10/25/2016	1	MERCURY		Y WS512K32D-45G1TQ		629
5962-9461112HMA	U	10/25/2016	1	MERCURY		Y WS512K32D-45G2Q		629
5962-9461112HMA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-45		629



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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9461112HMC	U	10/25/2016	1	MERCURY		Y WS512K32D-45G2Q		629
5962-9461112HMC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-45		629
5962-9461112HTA	U	10/25/2016	1	MERCURY		Y WS512K32ND-45H1Q		629
5962-9461112HTA	U	10/25/2016	1	MICROSS		Y AS8S512K32P-45		629
5962-9461112HTC	U	10/25/2016	1	MERCURY		Y WS512K32ND-45H1Q		629
5962-9461112HTC	U	10/25/2016	1	MICROSS		Y AS8S512K32P-45		629
5962-9461112HXA	U	10/25/2016		(NONE)		512K32-45 (GEN)		629
5962-9461112HYC	U	10/25/2016	1	MERCURY		Y WS512K32D-45G4TQ		629
5962-9461113H9A	U	10/25/2016	1	MERCURY		Y WS512K32D-35G1UQ		629
5962-9461113H9C	U	10/25/2016	1	MERCURY		Y WS512K32D-35G1UQ		629
5962-9461113HAA	U	10/25/2016	1	MERCURY		Y WS512K32D-35G2LQ		629
5962-9461113HAA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-35		629
5962-9461113HAC	U	10/25/2016	1	MERCURY		Y WS512K32D-35G2LQ		629
5962-9461113HAC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-35		629
5962-9461113HBA	U	10/25/2016	1	MERCURY		Y WS512K32D-35G1TQ		629
5962-9461113HBC	U	10/25/2016	1	MERCURY		Y WS512K32D-35G1TQ		629
5962-9461113HMA	U	10/25/2016	1	MERCURY		Y WS512K32D-35G2Q		629
5962-9461113HMA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-35		629
5962-9461113HMC	U	10/25/2016	1	MERCURY		Y WS512K32D-35G2Q		629
5962-9461113HMC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-35		629
5962-9461113HTA	U	10/25/2016	1	MERCURY		Y WS512K32ND-35H1Q		629
5962-9461113HTA	U	10/25/2016	1	MICROSS		Y AS8S512K32P-35		629
5962-9461113HTC	U	10/25/2016	1	MERCURY		Y WS512K32ND-35H1Q		629
5962-9461113HTC	U	10/25/2016	1	MICROSS		Y AS8S512K32P-35		629
5962-9461113HXA	U	10/25/2016		(NONE)		512K32-35 (GEN)		629
5962-9461113HYC	U	10/25/2016	1	MERCURY		Y WS512K32D-35G4TQ		629
5962-9461114H9A	U	10/25/2016	1	MERCURY		Y WS512K32D-25G1UQ		629
5962-9461114H9C	U	10/25/2016	1	MERCURY		Y WS512K32D-25G1UQ		629
5962-9461114HAA	U	10/25/2016	1	MERCURY		Y WS512K32D-25G2LQ		629
5962-9461114HAA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-25		629
5962-9461114HAC	U	10/25/2016	1	MERCURY		Y WS512K32D-25G2LQ		629
5962-9461114HAC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-25		629
5962-9461114HBA	U	10/25/2016	1	MERCURY		Y WS512K32D-25G1TQ		629
5962-9461114HBC	U	10/25/2016	1	MERCURY		Y WS512K32D-25G1TQ		629
5962-9461114HMA	U	10/25/2016	1	MERCURY		Y WS512K32D-25G2Q		629
5962-9461114HMA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-25		629
5962-9461114HMC	U	10/25/2016	1	MERCURY		Y WS512K32D-25G2Q		629
5962-9461114HMC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-25		629
5962-9461114HTA	U	10/25/2016	1	MERCURY		Y WS512K32ND-25H1Q		629
5962-9461114HTA	U	10/25/2016	1	MICROSS		Y AS8S512K32P-25		629
5962-9461114HTC	U	10/25/2016	1	MERCURY		Y WS512K32ND-25H1Q		629
5962-9461114HTC	U	10/25/2016	1	MICROSS		Y AS8S512K32P-25		629
5962-9461114HXA	U	10/25/2016		(NONE)		512K32-25 (GEN)		629
5962-9461114HYC	U	10/25/2016	1	MERCURY		Y WS512K32D-25G4TQ		629
5962-9461115H9A	U	10/25/2016	1	MERCURY		Y WS512K32D-20G1UQ		629
5962-9461115H9C	U	10/25/2016	1	MERCURY		Y WS512K32D-20G1UQ		629
5962-9461115HAA	U	10/25/2016	1	MERCURY		Y WS512K32D-20G2LQ		629
5962-9461115HAA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-20		629
5962-9461115HAC	U	10/25/2016	1	MERCURY		Y WS512K32D-20G2LQ		629

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5962-9461115HAC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-20		629
5962-9461115HBA	U	10/25/2016	1	MERCURY		Y WS512K32D-20G1TQ		629
5962-9461115HBC	U	10/25/2016	1	MERCURY		Y WS512K32D-20G1TQ		629
5962-9461115HMA	U	10/25/2016	1	MERCURY		Y WS512K32D-20G2Q		629
5962-9461115HMA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-20		629
5962-9461115HMC	U	10/25/2016	1	MERCURY		Y WS512K32D-20G2Q		629
5962-9461115HMC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-20		629
5962-9461115HTA	U	10/25/2016	1	MERCURY		Y WS512K32ND-20H1Q		629
5962-9461115HTA	U	10/25/2016	1	MICROSS		Y AS8S512K32P-20		629
5962-9461115HTC	U	10/25/2016	1	MERCURY		Y WS512K32ND-20H1Q		629
5962-9461115HTC	U	10/25/2016	1	MICROSS		Y AS8S512K32P-20		629
5962-9461115HXA	U	10/25/2016		(NONE)		512K32-20 (GEN)		629
5962-9461115HYC	U	10/25/2016	1	MERCURY		Y WS512K32D-20G4TQ		629
5962-9461116H9A	U	10/25/2016	1	MERCURY		Y WS512K32D-17G1UQ		629
5962-9461116H9C	U	10/25/2016	1	MERCURY		Y WS512K32D-17G1UQ		629
5962-9461116HAA	U	10/25/2016	1	MERCURY		Y WS512K32D-17G2LQ		629
5962-9461116HAA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-17		629
5962-9461116HAC	U	10/25/2016	1	MERCURY		Y WS512K32D-17G2LQ		629
5962-9461116HAC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-17		629
5962-9461116HBA	U	10/25/2016	1	MERCURY		Y WS512K32D-17G1TQ		629
5962-9461116HBC	U	10/25/2016	1	MERCURY		Y WS512K32D-17G1TQ		629
5962-9461116HMA	U	10/25/2016	1	MERCURY		Y WS512K32D-17G2Q		629
5962-9461116HMA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-17		629
5962-9461116HMC	U	10/25/2016	1	MERCURY		Y WS512K32D-17G2Q		629
5962-9461116HMC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-17		629
5962-9461116HTA	U	10/25/2016	1	MERCURY		Y WS512K32ND-17H1Q		629
5962-9461116HTA	U	10/25/2016	1	MICROSS		Y AS8S512K32P-17		629
5962-9461116HTC	U	10/25/2016	1	MERCURY		Y WS512K32ND-17H1Q		629
5962-9461116HTC	U	10/25/2016	1	MICROSS		Y AS8S512K32P-17		629
5962-9461116HXA	U	10/25/2016		(NONE)		512K32-17 (GEN)		629
5962-9461116HYC	U	10/25/2016	1	MERCURY		Y WS512K32D-17G4TQ		629
5962-9461117H9A	U	10/25/2016	1	MERCURY		Y WS512K32D-15G1UQ		629
5962-9461117H9C	U	10/25/2016	1	MERCURY		Y WS512K32D-15G1UQ		629
5962-9461117HAA	U	10/25/2016	1	MERCURY		Y WS512K32D-15G2LQ		629
5962-9461117HAA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-15		629
5962-9461117HAC	U	10/25/2016	1	MERCURY		Y WS512K32D-15G2LQ		629
5962-9461117HAC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-15		629
5962-9461117HBA	U	10/25/2016	1	MERCURY		Y WS512K32D-15G1TQ		629
5962-9461117HBC	U	10/25/2016	1	MERCURY		Y WS512K32D-15G1TQ		629
5962-9461117HMA	U	10/25/2016	1	MERCURY		Y WS512K32D-15G2Q		629
5962-9461117HMA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-15		629
5962-9461117HMC	U	10/25/2016	1	MERCURY		Y WS512K32D-15G2Q		629
5962-9461117HMC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-15		629
5962-9461117HTA	U	10/25/2016	1	MERCURY		Y WS512K32ND-15H1Q		629
5962-9461117HTA	U	10/25/2016	1	MICROSS		Y AS8S512K32P-15		629
5962-9461117HTC	U	10/25/2016	1	MERCURY		Y WS512K32ND-15H1Q		629
5962-9461117HTC	U	10/25/2016	1	MICROSS		Y AS8S512K32P-15		629
5962-9461118H9A	U	10/25/2016	1	MERCURY		Y WS512K32D-12G1UQ		629
5962-9461118H9C	U	10/25/2016	1	MERCURY		Y WS512K32D-12G1UQ		629

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5962-9461118HAA	U	10/25/2016	1	MERCURY		Y WS512K32D-12G2LQ		629
5962-9461118HAA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-12		629
5962-9461118HAC	U	10/25/2016	1	MERCURY		Y WS512K32D-12G2LQ		629
5962-9461118HAC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-12		629
5962-9461118HBA	U	10/25/2016	1	MERCURY		Y WS512K32D-12G1TQ		629
5962-9461118HBC	U	10/25/2016	1	MERCURY		Y WS512K32D-12G1TQ		629
5962-9461118HMA	U	10/25/2016	1	MERCURY		Y WS512K32D-12G2Q		629
5962-9461118HMA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-12		629
5962-9461118HMC	U	10/25/2016	1	MERCURY		Y WS512K32D-12G2Q		629
5962-9461118HMC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-12		629
5962-9461118HTA	U	10/25/2016	1	MERCURY		Y WS512K32ND-12H1Q		629
5962-9461118HTC	U	10/25/2016	1	MERCURY		Y WS512K32ND-12H1Q		629
5962-9461119H9A	U	10/25/2016	1	MERCURY		Y WS512K32-15G1UQ		629
5962-9461119H9C	U	10/25/2016	1	MERCURY		Y WS512K32-15G1UQ		629
5962-9461119HAA	U	10/25/2016	1	MERCURY		Y WS512K32-15G2LQ		629
5962-9461119HAA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-15L		629
5962-9461119HAC	U	10/25/2016	1	MERCURY		Y WS512K32-15G2LQ		629
5962-9461119HAC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-15L		629
5962-9461119HBA	U	10/25/2016	1	MERCURY		Y WS512K32-15G1TQ		629
5962-9461119HBC	U	10/25/2016	1	MERCURY		Y WS512K32-15G1TQ		629
5962-9461119HMA	U	10/25/2016	1	MERCURY		Y WS512K32-15G2Q		629
5962-9461119HMA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-15L		629
5962-9461119HMC	U	10/25/2016	1	MERCURY		Y WS512K32-15G2Q		629
5962-9461119HMC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-15L		629
5962-9461119HTA	U	10/25/2016	1	MERCURY		Y WS512K32N-15H1Q		629
5962-9461119HTA	U	10/25/2016	1	MICROSS		Y AS8S512K32P-15L		629
5962-9461119HTC	U	10/25/2016	1	MERCURY		Y WS512K32N-15H1Q		629
5962-9461119HTC	U	10/25/2016	1	MICROSS		Y AS8S512K32P-15L		629
5962-9461120H9A	U	10/25/2016	1	MERCURY		Y WS512K32-12G1UQ		629
5962-9461120H9C	U	10/25/2016	1	MERCURY		Y WS512K32-12G1UQ		629
5962-9461120HAA	U	10/25/2016	1	MERCURY		Y WS512K32-12G2LQ		629
5962-9461120HAA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-12L		629
5962-9461120HAC	U	10/25/2016	1	MERCURY		Y WS512K32-12G2LQ		629
5962-9461120HAC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q1-12L		629
5962-9461120HBA	U	10/25/2016	1	MERCURY		Y WS512K32-12G1TQ		629
5962-9461120HBC	U	10/25/2016	1	MERCURY		Y WS512K32-12G1TQ		629
5962-9461120HMA	U	10/25/2016	1	MERCURY		Y WS512K32-12G2Q		629
5962-9461120HMA	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-12L		629
5962-9461120HMC	U	10/25/2016	1	MERCURY		Y WS512K32-12G2Q		629
5962-9461120HMC	U	10/25/2016	1	MICROSS		Y AS8S512K32Q-12L		629
5962-9461120HTA	U	10/25/2016	1	MERCURY		Y WS512K32N-12H1Q		629
5962-9461120HTA	U	10/25/2016	1	MICROSS		Y AS8S512K32P-12L		629
5962-9461120HTC	U	10/25/2016	1	MERCURY		Y WS512K32N-12H1Q		629
5962-9461120HTC	U	10/25/2016	1	MICROSS		Y AS8S512K32P-12L		629
5962-9461201H4A	J	10/17/2017	1	MICROSS		Y AS8F512K32P-150		669
5962-9461201H4C	J	10/17/2017	1	MICROSS		Y AS8F512K32P-150		669
5962-9461201H9A	J	10/17/2017		(NONE)		512K32-150 (GEN)		669
5962-9461201HAA	J	10/17/2017	1	MICROSS		Y AS8F512K32Q1-150		669
5962-9461201HAC	J	10/17/2017	1	MICROSS		Y AS8F512K32Q1-150		669

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5962-9461201HBA	J	10/17/2017		(NONE)			512K32-150 (GEN)	669
5962-9461201HMA	J	10/17/2017	1	MICROSS		Y AS8F512K32Q-150		669
5962-9461201HMC	J	10/17/2017	1	MICROSS		Y AS8F512K32Q-150		669
5962-9461201HNA	J	10/17/2017		(NONE)	03/15/2013		512K32-150 (GEN)	669
5962-9461201HTC	J	10/17/2017		(NONE)	03/15/2013		512K32-150 (GEN)	669
5962-9461201HUA	J	10/17/2017		(NONE)			512K32-150 (GEN)	669
5962-9461201HXA	J	10/17/2017		(NONE)			512K32-150 (GEN)	669
5962-9461201HYC	J	10/17/2017		(NONE)			512K32-150 (GEN)	669
5962-9461201HZA	J	10/17/2017		(NONE)	03/15/2013		512K32-150 (GEN)	669
5962-9461202H4A	J	10/17/2017	1	MICROSS		Y AS8F512K32P-120		669
5962-9461202H4C	J	10/17/2017	1	MICROSS		Y AS8F512K32P-120		669
5962-9461202H9A	J	10/17/2017		(NONE)			512K32-120 (GEN)	669
5962-9461202HAA	J	10/17/2017	1	MICROSS		Y AS8F512K32Q1-120		669
5962-9461202HAC	J	10/17/2017	1	MICROSS		Y AS8F512K32Q1-120		669
5962-9461202HBA	J	10/17/2017		(NONE)			512K32-120 (GEN)	669
5962-9461202HMA	J	10/17/2017	1	MICROSS		Y AS8F512K32Q-120		669
5962-9461202HMC	J	10/17/2017	1	MICROSS		Y AS8F512K32Q-120		669
5962-9461202HNA	J	10/17/2017		(NONE)	03/15/2013		512K32-120 (GEN)	669
5962-9461202HTC	J	10/17/2017		(NONE)	03/15/2013		512K32-120 (GEN)	669
5962-9461202HUA	J	10/17/2017		(NONE)			512K32-120 (GEN)	669
5962-9461202HXA	J	10/17/2017		(NONE)			512K32-120 (GEN)	669
5962-9461202HYC	J	10/17/2017		(NONE)			512K32-120 (GEN)	669
5962-9461202HZA	J	10/17/2017		(NONE)	03/15/2013		512K32-120 (GEN)	669
5962-9461203H4A	J	10/17/2017	1	MICROSS		Y AS8F512K32P-90		669
5962-9461203H4C	J	10/17/2017	1	MICROSS		Y AS8F512K32P-90		669
5962-9461203H9A	J	10/17/2017		(NONE)			512K32-90 (GEN)	669
5962-9461203HAA	J	10/17/2017	1	MICROSS		Y AS8F512K32Q1-90		669
5962-9461203HAC	J	10/17/2017	1	MICROSS		Y AS8F512K32Q1-90		669
5962-9461203HBA	J	10/17/2017		(NONE)			512K32-90 (GEN)	669
5962-9461203HMA	J	10/17/2017	1	MICROSS		Y AS8F512K32Q-90		669
5962-9461203HMC	J	10/17/2017	1	MICROSS		Y AS8F512K32Q-90		669
5962-9461203HNA	J	10/17/2017		(NONE)	03/15/2013		512K32-90 (GEN)	669
5962-9461203HTC	J	10/17/2017		(NONE)	03/15/2013		512K32-90 (GEN)	669
5962-9461203HUA	J	10/17/2017		(NONE)			512K32-090 (GEN)	669
5962-9461203HXA	J	10/17/2017		(NONE)			512K32-090 (GEN)	669
5962-9461203HYC	J	10/17/2017		(NONE)			512K32-090 (GEN)	669
5962-9461203HZA	J	10/17/2017		(NONE)	03/15/2013		512K32-90 (GEN)	669
5962-9461204H4A	J	10/17/2017	1	MICROSS		Y AS8F512K32P-70		669
5962-9461204H4C	J	10/17/2017	1	MICROSS		Y AS8F512K32P-70		669
5962-9461204H9A	J	10/17/2017		(NONE)			512K32-70 (GEN)	669
5962-9461204HAA	J	10/17/2017	1	MICROSS		Y AS8F512K32Q1-70		669
5962-9461204HAC	J	10/17/2017	1	MICROSS		Y AS8F512K32Q1-70		669
5962-9461204HBA	J	10/17/2017		(NONE)			512K32-70 (GEN)	669
5962-9461204HMA	J	10/17/2017	1	MICROSS		Y AS8F512K32Q-70		669
5962-9461204HMC	J	10/17/2017	1	MICROSS		Y AS8F512K32Q-70		669
5962-9461204HNA	J	10/17/2017		(NONE)	03/15/2013		512K32-70 (GEN)	669
5962-9461204HTC	J	10/17/2017		(NONE)	03/15/2013		512K32-70 (GEN)	669
5962-9461204HUA	J	10/17/2017		(NONE)			512K32-070 (GEN)	669
5962-9461204HXA	J	10/17/2017		(NONE)			512K32-070 (GEN)	669

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5962-9461204HYC	J	10/17/2017		(NONE)			512K32-070 (GEN)	669
5962-9461204HZA	J	10/17/2017		(NONE)	03/15/2013		512K32-70 (GEN)	669
5962-9461205H4A	J	10/17/2017	1	MICROSS		Y	AS8F512K32P-60	669
5962-9461205H4C	J	10/17/2017	1	MICROSS		Y	AS8F512K32P-60	669
5962-9461205H9A	J	10/17/2017		(NONE)			512K32-60 (GEN)	669
5962-9461205HAA	J	10/17/2017	1	MICROSS		Y	AS8F512K32Q1-60	669
5962-9461205HAC	J	10/17/2017	1	MICROSS		Y	AS8F512K32Q1-60	669
5962-9461205HBA	J	10/17/2017		(NONE)			512K32-60 (GEN)	669
5962-9461205HMA	J	10/17/2017	1	MICROSS		Y	AS8F512K32Q-60	669
5962-9461205HMC	J	10/17/2017	1	MICROSS		Y	AS8F512K32Q-60	669
5962-9461205HNA	J	10/17/2017		(NONE)	03/15/2013		512K32-60 (GEN)	669
5962-9461205HTC	J	10/17/2017		(NONE)	03/15/2013		512K32-60 (GEN)	669
5962-9461205HUA	J	10/17/2017		(NONE)			512K32-060 (GEN)	669
5962-9461205HXA	J	10/17/2017		(NONE)			512K32-060 (GEN)	669
5962-9461205HYC	J	10/17/2017		(NONE)			512K32-060 (GEN)	669
5962-9461205HZA	J	10/17/2017		(NONE)	03/15/2013		512K32-60 (GEN)	669
5962-9461301HXA	A	10/12/1995		(NONE)			1024K32-150 (GEN)	669
5962-9461301HYA	A	10/12/1995		(NONE)			1024K32-150 (GEN)	669
5962-9461301HZA	A	10/12/1995		(NONE)			1024K32-150 (GEN)	669
5962-9461302HXA	A	10/12/1995		(NONE)			1024K32-100 (GEN)	669
5962-9461302HYA	A	10/12/1995		(NONE)			1024K32-100 (GEN)	669
5962-9461302HZA	A	10/12/1995		(NONE)			1024K32-100 (GEN)	669
5962-9461401H9A	F	09/17/2012	2	MERCURY		Y	WE32K32-150G1UQ	664
5962-9461401H9C	F	09/17/2012	2	MERCURY		Y	WE32K32-150G1UQ	664
5962-9461401HBA	F	09/17/2012	2	MERCURY		Y	WE32K32-150G1TQ	664
5962-9461401HBC	F	09/17/2012	2	MERCURY		Y	WE32K32-150G1TQ	664
5962-9461401HMA	F	09/17/2012	2	MERCURY		Y	WE32K32-150G2Q	664
5962-9461401HMC	F	09/17/2012	2	MERCURY		Y	WE32K32-150G2Q	664
5962-9461401HUA	F	09/17/2012	2	MERCURY		Y	WE32K32N-150H1Q	664
5962-9461401HUC	F	09/17/2012	2	MERCURY		Y	WE32K32N-150H1Q	664
5962-9461401HXA	F	09/17/2012	2	MERCURY		Y	WE32K32N-150HQ	664
5962-9461401HXC	F	09/17/2012	2	MERCURY		Y	WE32K32N-150HQ	664
5962-9461401HYA	F	09/17/2012		(NONE)			32K32-150 (GEN)	664
5962-9461401HZA	F	09/17/2012	2	MERCURY		Y	WE32K32-150G2UQ	664
5962-9461401HZC	F	09/17/2012	2	MERCURY		Y	WE32K32-150G2UQ	664
5962-9461402H9A	F	09/17/2012	2	MERCURY		Y	WE32K32-120G1UQ	664
5962-9461402H9C	F	09/17/2012	2	MERCURY		Y	WE32K32-120G1UQ	664
5962-9461402HBA	F	09/17/2012	2	MERCURY		Y	WE32K32-120G1TQ	664
5962-9461402HBC	F	09/17/2012	2	MERCURY		Y	WE32K32-120G1TQ	664
5962-9461402HMA	F	09/17/2012	2	MERCURY		Y	WE32K32-120G2Q	664
5962-9461402HMC	F	09/17/2012	2	MERCURY		Y	WE32K32-120G2Q	664
5962-9461402HUA	F	09/17/2012	2	MERCURY		Y	WE32K32-120H1Q	664
5962-9461402HUC	F	09/17/2012	2	MERCURY		Y	WE32K32-120H1Q	664
5962-9461402HXA	F	09/17/2012	2	MERCURY		Y	WE32K32N-120HQ	664
5962-9461402HXC	F	09/17/2012	2	MERCURY		Y	WE32K32N-120HQ	664
5962-9461402HYA	F	09/17/2012		(NONE)			32K32-120 (GEN)	664
5962-9461402HZA	F	09/17/2012	2	MERCURY		Y	WE32K32-120G2UQ	664
5962-9461402HZC	F	09/17/2012	2	MERCURY		Y	WE32K32-120G2UQ	664
5962-9461403H9A	F	09/17/2012	2	MERCURY		Y	WE32K32-90G1UQ	664



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5962-9461403H9C	F	09/17/2012	2	MERCURY		Y WE32K32-9090G1UQ		664
5962-9461403HBA	F	09/17/2012	2	MERCURY		Y WE32K32-90G1TQ		664
5962-9461403HBC	F	09/17/2012	2	MERCURY		Y WE32K32-90G1TQ		664
5962-9461403HMA	F	09/17/2012	2	MERCURY		Y WE32K32-90G2Q		664
5962-9461403HMC	F	09/17/2012	2	MERCURY		Y WE32K32-90G2Q		664
5962-9461403HUA	F	09/17/2012	2	MERCURY		Y WE32K32-90H1Q		664
5962-9461403HUC	F	09/17/2012	2	MERCURY		Y WE32K32-90H1Q		664
5962-9461403HXA	F	09/17/2012	2	MERCURY		Y WE32K32N-90HQ		664
5962-9461403HXC	F	09/17/2012	2	MERCURY		Y WE32K32N-90HQ		664
5962-9461403HYA	F	09/17/2012		(NONE)		32K32-90 (GEN)		664
5962-9461403HZA	F	09/17/2012	2	MERCURY		Y WE32K32-90G2UQ		664
5962-9461403HZC	F	09/17/2012	2	MERCURY		Y WE32K32-90G2UQ		664
5962-9461501Q3A	B	05/16/2013	3	TI		Y SNJ54ABT8543FK		399
5962-9461501QXA	B	05/16/2013		(NONE)	11/28/2015	54ABT8543 (GEN)		399
5962-9461601Q3A	B	06/21/2013		(NONE)	11/28/2015	54ABT8652 (GEN)		399
5962-9461601QXA	B	06/21/2013	3	TI		Y SNJ54ABT8652JT		399
5962-9461801Q2A	B	07/25/2013	3	TI		Y SNJ54ABT623AFK		590
5962-9461801QRA	B	07/25/2013	3	TI		Y SNJ54ABT623AJ		590
5962-9461801QSA	B	07/25/2013		(NONE)	11/28/2015	54ABT623A (GEN)		590
5962-9462101M2C	D	03/04/2014	1	MAXIM INTEG.		MAX731MLP/883B		787
5962-9462101MPA	D	03/04/2014	1	MAXIM INTEG.		MAX731MJA/883B		787
5962-9462102M2C	D	03/04/2014	1	MAXIM INTEG.		MAX732MLP/883B		787
5962-9462102MPA	D	03/04/2014	1	MAXIM INTEG.		MAX732MJA/883B		787
5962-9462103M2C	D	03/04/2014	1	MAXIM INTEG.		MAX733MLP/883B		787
5962-9462103MPA	D	03/04/2014		(NONE)		MAX733 (GEN)		787
5962-9462201M2A	A	12/12/2011		(NONE)		UC1871 (GEN)		589
5962-9462201MVA	A	12/12/2011		(NONE)		UC1871 (GEN)		589
5962-9462301HXA	D	05/24/2018	1	INTER. RECT.2		Y AHF2815T/CH		899
5962-9462301HXC	D	05/24/2018	1	INTER. RECT.2		Y AHF2815T/CH		899
5962-9462301HZA	D	05/24/2018	1	INTER. RECT.2		Y AHF2815TF/CH		899
5962-9462301HZC	D	05/24/2018	1	INTER. RECT.2		Y AHF2815TF/CH		899
5962-9462401HXA	C	08/12/2014	1	INTER. RECT.2		Y ATR2805S/CH		594
5962-9462401HZA	C	08/12/2014	1	INTER. RECT.2		Y ATR2805SF/CH		594
5962-9462501HXA	C	08/12/2014	1	INTER. RECT.2		Y ATR2812S/CH		594
5962-9462501HZA	C	08/12/2014	1	INTER. RECT.2		Y ATR2812SF/CH		594
5962-9462601HXA	C	08/25/2014	1	INTER. RECT.2		Y ATR2815S/CH		594
5962-9462601HZA	C	08/25/2014	1	INTER. RECT.2		Y ATR2815SF/CH		594
5962-9462701HXA	C	08/25/2014	1	INTER. RECT.2		Y ATR2812D/CH		594
5962-9462701HZA	C	08/25/2014	1	INTER. RECT.2		Y ATR2812DF/CH		594
5962-9462801HXA	C	08/25/2014	1	INTER. RECT.2		Y ATR2815D/CH		594
5962-9462801HZA	C	08/25/2014	1	INTER. RECT.2		Y ATR2815DF/CH		594
5962-9462901HXA	E	01/22/2019	1	INTER. RECT.2		Y ASA2805S/CH		594
5962-9462902HYC	E	01/22/2019	1	ANAREN		Y DHC2805SH		594
5962-9463001HXA	D	01/22/2019	1	INTER. RECT.2		Y ASA2815S/CH		594
5962-9463101HXA	E	02/12/2019	1	INTER. RECT.2		Y ASA2812S/CH		594
5962-9463102HYC	E	02/12/2019	1	ANAREN		Y DAC2812SH		594
5962-9463201M2C	C	01/10/2018	1	MAXIM INTEG.		MAX660MLP/883B		899
5962-9463201MPA	C	01/10/2018		(NONE)	07/10/2015	MAX660 (GEN)		899
5962-9463301MLA	B	11/14/2013	2	ANALOG (2)		Y AD660SQ/883B		591



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5962-9463401MXC	A	02/19/2014		(NONE)	10/31/1996		EPF8820 (GEN)	431
5962-9463401MYA	A	02/19/2014		(NONE)	10/31/1996		EPF8820 (GEN)	431
5962-9463601MPA	B	07/14/2014		(NONE)	05/28/2005		AD780 (GEN)	785
5962R9463602VXA	B	07/14/2014		(NONE)	02/14/2018		AD780 (GEN)	785
5962-9463701MXC	B	05/25/2004		(NONE)			AD9020S (GEN)	592
5962-9463701MYA	B	05/25/2004		(NONE)			AD9020S (GEN)	592
5962-9463702MXC	B	05/25/2004		(NONE)			AD9020T (GEN)	592
5962-9463702MYA	B	05/25/2004		(NONE)			AD9020T (GEN)	592
5962-9464001MPA	A	08/19/2009		(NONE)			HV400 (GEN)	519
5962-9464101QRA	A	06/08/2010		(NONE)			145146 (GEN)	803
5962-9464201QYC		06/24/1994		(NONE)			68902A (GEN)	429
5962-9464201QZA		06/24/1994		(NONE)			68902A (GEN)	429
5962-9464201QZC		06/24/1994		(NONE)			68902A (GEN)	429
5962-9464601HXC	A	01/13/2009		(NONE)			HDSR2006-34V/S/2	594
5962-9464602HXC	A	01/13/2009		(NONE)			HDSR2006-34V/R/2	594
5962-9464603HXC	A	01/13/2009		(NONE)			HDSR2006-34H/2	594
5962-9464604HXC	A	01/13/2009		(NONE)			HDSR2006-34S/2	594
5962-9464605HXC	A	01/13/2009		(NONE)			HDSR2056-34V/S/2	594
5962-9464606HXC	A	01/13/2009		(NONE)			HDSR2056-34V/R/2	594
5962-9464607HXC	A	01/13/2009		(NONE)			HDSR2056-34H/2	594
5962-9464608HXC	A	01/13/2009		(NONE)			HDSR2056-34S/2	594
5962-9464901HXA	D	01/23/2019	1	INTER. RECT.2		Y	ASA2815D/CH	594
5962-9465501HXA	F	11/02/2009		(NONE)	06/30/2009		2805S (GEN)	594
5962-9465501HZA	F	11/02/2009		(NONE)	06/30/2009		2805S (GEN)	594
5962-9465601HXA	D	07/10/2003		(NONE)	06/30/2009		2812S (GEN)	594
5962-9465601HZA	D	07/10/2003		(NONE)	06/30/2009		2812S (GEN)	594
5962-9465701HXA	D	07/10/2003		(NONE)	06/30/2009		2815S (GEN)	594
5962-9465701HZA	D	07/10/2003		(NONE)	06/30/2009		2815S (GEN)	594
5962-9465801HXA	D	07/10/2003		(NONE)	06/30/2009		2818S (GEN)	594
5962-9465801HZA	D	07/10/2003		(NONE)	06/30/2009		2818S (GEN)	594
5962-9465901HXA	C	07/16/2003		(NONE)	06/30/2009		2805D (GEN)	594
5962-9465901HZA	C	07/16/2003		(NONE)	06/30/2009		2805D (GEN)	594
5962-9466001HXA	D	09/08/2009		(NONE)	06/30/2009		2812D (GEN)	594
5962-9466001HZA	D	09/08/2009		(NONE)	06/30/2009		2812D (GEN)	594
5962-9466101HXA	D	11/17/2009		(NONE)	06/30/2009		2815D (GEN)	594
5962-9466101HZA	D	11/17/2009		(NONE)	06/30/2009		2815D (GEN)	594
5962-9466201QJA	A	11/02/2009		(NONE)			DAC1054 (GEN)	591
5962-9466301QXA	K	05/20/2013		(NONE)			69151LX15 (GEN)	599
5962-9466301QYA	K	05/20/2013		(NONE)			69151LX15 (GEN)	599
5962-9466302QXA	K	05/20/2013		(NONE)			69151DX (GEN)	599
5962-9466302QYA	K	05/20/2013		(NONE)			69151DX (GEN)	599
5962-9466303QXA	K	05/20/2013		(NONE)			69151LX12 (GEN)	599
5962-9466303QYA	K	05/20/2013		(NONE)			69151LX12 (GEN)	599
5962-9466304QXA	K	05/20/2013		(NONE)			69151LXE15 (GEN)	599
5962R9466304QXA	K	05/20/2013		(NONE)			69151LXE15 (GEN)	599
5962R9466304VXA	K	05/20/2013		(NONE)			69151LXE15 (GEN)	599
5962-9466304QYA	K	05/20/2013		(NONE)			69151LXE15 (GEN)	599
5962R9466304QYA	K	05/20/2013		(NONE)			69151LXE15 (GEN)	599
5962R9466304VYA	K	05/20/2013		(NONE)			69151LXE15 (GEN)	599

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5962-9466305QXA	K	05/20/2013		(NONE)			69151DXE (GEN)	599
5962H9466305QXA	K	05/20/2013		(NONE)			69151DXE (GEN)	599
5962H9466305VXA	K	05/20/2013		(NONE)			69151DXE (GEN)	599
5962-9466305QYA	K	05/20/2013		(NONE)			69151DXE (GEN)	599
5962H9466305QYA	K	05/20/2013		(NONE)			69151DXE (GEN)	599
5962H9466305VYA	K	05/20/2013		(NONE)			69151DXE (GEN)	599
5962-9466306QXA	K	05/20/2013		(NONE)			69151LX12 (GEN)	599
5962-9466306QYA	K	05/20/2013		(NONE)			69151LX12 (GEN)	599
5962-9466307QXA	K	05/20/2013		(NONE)			69151LXE15 (GEN)	599
5962-9466307QYA	K	05/20/2013		(NONE)			69151LXE15 (GEN)	599
5962-9466308QXA	K	05/20/2013	1	COBHAM		Y	UT69151DXE/GQA	599
5962-9466308QXC	K	05/20/2013	1	COBHAM		Y	UT69151DXE/GQC	599
5962-9466308QYA	K	05/20/2013	1	COBHAM		Y	UT69151DXE/WQA	599
5962-9466308QYC	K	05/20/2013	1	COBHAM		Y	UT69151DXE/WQC	599
5962-9466309QXA	K	05/20/2013		(NONE)			69151LXE12 (GEN)	599
5962-9466309QYA	K	05/20/2013		(NONE)			69151LXE12 (GEN)	599
5962R9466310QYA	K	05/20/2013		(NONE)	09/30/2009		69151LXE15 (GEN)	599
5962R9466310VYA	K	05/20/2013		(NONE)	09/30/2009		69151LXE15 (GEN)	599
5962F9466311QYA	K	05/20/2013	1	COBHAM		Y	UT69151DXE/WQAF	599
5962F9466311QYC	K	05/20/2013	1	COBHAM		Y	UT69151DXE/WQCF	599
5962F9466311VYA	K	05/20/2013	1	COBHAM		Y	UT69151DXE/WVAF	599
5962F9466311VYC	K	05/20/2013	1	COBHAM		Y	UT69151DXE/WVCF	599
5962R9466311QYA	K	05/20/2013	1	COBHAM		Y	UT69151DXE/WQAR	599
5962R9466311QYC	K	05/20/2013	1	COBHAM		Y	UT69151DXE/WQCR	599
5962R9466311VYA	K	05/20/2013	1	COBHAM		Y	UT69151DXE/WVAR	599
5962R9466311VYC	K	05/20/2013	1	COBHAM		Y	UT69151DXE/WVCR	599
5962-9466401MEA	B	03/27/2014	1	TI		Y	CD4046BF3A	803
5962H9466701QYC		06/12/1995		(NONE)			34096956-005 (GEN)	403
5962H9466701VYC		06/12/1995		(NONE)			34096956-005 (GEN)	403
5962H9466702QYC		06/12/1995		(NONE)			34096956-002 (GEN)	403
5962H9466703QYC		06/12/1995		(NONE)			34096956-003 (GEN)	403
5962H9466704QYC		06/12/1995		(NONE)			34096956-004 (GEN)	403
5962-9466801MXC	C	06/01/2017		(NONE)	10/08/2010		PLSI1032 (GEN)	431
5962-9466901QXA	P	04/24/2013		(NONE)	05/01/1998		320C40-33 (GEN)	432
5962-9466901QYC	P	04/24/2013		(NONE)	05/01/1998		320C40-33 (GEN)	432
5962-9466902Q9A	P	04/24/2013		(NONE)			320C40-40 (GEN)	432
5962-9466902Q9B	P	04/24/2013		(NONE)			320C40-40 (GEN)	432
5962-9466902Q9C	P	04/24/2013		(NONE)			320C40-40 (GEN)	432
5962-9466902Q9D	P	04/24/2013	2	TI		Y	SMJ320C40KGD40D	432
5962-9466902QUC	P	04/24/2013		(NONE)	10/31/2002		320C40-40 (GEN)	432
5962-9466902QXA	P	04/24/2013	2	TI		Y	SMJ320C40GFM40	432
5962-9466902QXC	P	04/24/2013	2	TI		Y	SMJ320C40GFM40	432
5962-9466902QYC	P	04/24/2013	2	TI		Y	SMJ320C40HFHM40	432
5962-9466902QZC	P	04/24/2013		(NONE)			320C40-40 (GEN)	432
5962-9466903Q9A	P	04/24/2013		(NONE)			320C40-50 (GEN)	432
5962-9466903Q9B	P	04/24/2013		(NONE)			320C40-50 (GEN)	432
5962-9466903Q9C	P	04/24/2013		(NONE)			320C40-50 (GEN)	432
5962-9466903Q9D	P	04/24/2013		(NONE)			320C40-50 (GEN)	432
5962-9466903QUC	P	04/24/2013		(NONE)	10/31/2002		320C40-50 (GEN)	432

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9466903QXA	P	04/24/2013	2	TI		Y SMJ320C40GFM50		432
5962-9466903QXC	P	04/24/2013	2	TI		Y SMJ320C40GFM50		432
5962-9466903QYC	P	04/24/2013	2	TI		Y SMJ320C40HFHM50		432
5962-9466903QZC	P	04/24/2013		(NONE)		320C40-50 (GEN)		432
5962-9466904Q9A	P	04/24/2013		(NONE)		320C40-60 (GEN)		432
5962-9466904QUC	P	04/24/2013		(NONE)	10/31/2002	320C40-60 (GEN)		432
5962-9466904QXA	P	04/24/2013	2	TI		Y SMJ320C40GFS60		432
5962-9466904QYC	P	04/24/2013	2	TI		Y SMJ320C40HFHS60		432
5962-9466904QZC	P	04/24/2013		(NONE)		320C40-60 (GEN)		432
5962-9467001MJA	A	12/30/2009		(NONE)		5140 (GEN)		591
5962-9467101QXA	B	07/25/2013	2	TI	09/26/2018	Y SNJ54ABT16601WD		590
5962-9467201QXA	A	05/30/2007	1	TI		Y SNJ54ABT18502HV		399
5962-9467301Q2A	B	10/25/2013	2	TI		Y SNJ54ABT2244FK		529
5962-9467301QRA	B	10/25/2013	2	TI		Y SNJ54ABT2244J		529
5962-9467301QSA	B	10/25/2013	2	TI		Y SNJ54ABT2244W		529
5962-9467601MPA	G	05/23/2011		(NONE)	10/03/2004	HFA1100 (GEN)		752
5962F9467602V9A	G	05/23/2011		(NONE)	12/10/2015	HS-1100 (GEN)		752
5962F9467602VPC	G	05/23/2011		(NONE)	12/10/2015	HS-1100 (GEN)		752
5962-9467701M2A	B	11/03/2009		(NONE)	12/10/2015	HFA1130 (GEN)		752
5962-9467701MPA	B	11/03/2009		(NONE)	12/24/2000	HFA1130 (GEN)		752
5962-9467801MXA	A	03/09/2010		(NONE)		HI-5700S (GEN)		592
5962-9467901MPA	A	03/09/2010		(NONE)		HA-2840 (GEN)		755
5962-9468001M2A	F	09/12/2017		(NONE)	04/16/2002	OP27B (GEN)		702
5962R9468002V2A	F	09/12/2017	3	ANALOG (4)		Y OP27ARC/QMLR		702
5962R9468002VGA	F	09/12/2017	3	ANALOG (4)		Y OP27AJ/QMLR		702
5962R9468002VHA	F	09/12/2017	3	ANALOG (4)		Y OP27AL/QMLR		702
5962R9468002VPA	F	09/12/2017	3	ANALOG (4)		Y OP27AZ/QMLR		702
5962L9468003VHA	F	09/12/2017	3	ANALOG (4)		Y OP27AL/QMLL		702
5962-9468101M2C	C	10/26/2015		(NONE)		674 (GEN)		785
5962-9468101MGC	C	10/26/2015		(NONE)		674 (GEN)		785
5962-9468101MPA	C	10/26/2015		(NONE)		674 (GEN)		785
5962-9468102M2C	C	10/26/2015	1	MAXIM INTEG.		MAX674MLP/883B		785
5962-9468102MGC	C	10/26/2015		(NONE)	05/18/2010	MAX674 (GEN)		785
5962-9468102MPA	C	10/26/2015	1	MAXIM INTEG.		MAX674MJA/883B		785
5962-9468201M2A	A	11/17/2009		(NONE)		1113 (GEN)		751
5962-9468201MPA	A	11/17/2009		(NONE)		1113 (GEN)		751
5962-9468301MPA	B	11/17/2009		(NONE)		1110 (GEN)		738
5962-9468401QXA	A	12/12/2013		(NONE)		7C371-66 (GEN)		431
5962-9468402QXA	A	12/12/2013		(NONE)		7C371-83 (GEN)		431
5962-9468501MPA	A	10/20/2009		(NONE)		1120 (GEN)		752
5962-9468601MXA	A	12/06/2001		(NONE)		AD871S (GEN)		592
5962-9468602MYA	A	12/06/2001		(NONE)		AD871S (GEN)		592
5962-9468801QXA	B	04/07/2014		(NONE)		7C372-66 (GEN)		431
5962-9468802QXA	B	04/07/2014		(NONE)		7C372-83 (GEN)		431
5962-9469001MXA	A	11/25/2009		(NONE)		5336-T (GEN)		592
5962-9469101M3A	B	10/25/2013		(NONE)		54ABT821 (GEN)		159
5962-9469101Q3A	B	10/25/2013		(NONE)		54ABT821 (GEN)		159
5962-9469101MKA	B	10/25/2013		(NONE)		54ABT821 (GEN)		159
5962-9469101QKA	B	10/25/2013		(NONE)		54ABT821 (GEN)		159

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5962-9469101MLA	B	10/25/2013		(NONE)			54ABT821 (GEN)	159
5962-9469101QLA	B	10/25/2013	2	TI		Y	SNJ54ABT821JT	159
5962-9469201Q2A	D	05/22/2014		(NONE)	11/28/2015		TLC2262M (GEN)	710
5962-9469201QHA	D	05/22/2014	3	TI		Y	TLC2262MUB	710
5962-9469201QPA	D	05/22/2014		(NONE)	11/28/2015		TLC2262M (GEN)	710
5962-9469202Q2A	D	05/22/2014		(NONE)	11/28/2015		TLC2264M (GEN)	713
5962-9469202QCA	D	05/22/2014		(NONE)	11/28/2015		TLC2264M (GEN)	713
5962-9469202QDA	D	05/22/2014		(NONE)	11/28/2015		TLC2264M (GEN)	713
5962-9469203Q2A	D	05/22/2014		(NONE)	11/28/2015		TLC2262AM (GEN)	710
5962-9469203QHA	D	05/22/2014		(NONE)	11/28/2015		TLC2262AM (GEN)	710
5962-9469203QPA	D	05/22/2014	3	TI		Y	TLC2262AMJGB	710
5962-9469204Q2A	D	05/22/2014	3	TI		Y	TLC2264AMFKB	713
5962-9469204QCA	D	05/22/2014	3	TI		Y	TLC2264AMJB	713
5962-9469204QDA	D	05/22/2014		(NONE)	11/28/2015		TLC2264AM (GEN)	713
5962-9469301Q2A	A	08/04/2009		(NONE)			TLC5602 (GEN)	591
5962-9469301QRA	A	08/04/2009		(NONE)	05/01/1998		TLC5602 (GEN)	591
5962-9469401MPA	C	03/02/2009		(NONE)	07/02/2004		HA-2842 (GEN)	755
5962-9469501MXA	E	01/10/2014		(NONE)			LT1185 (GEN)	783
5962-9469601MFA	C	10/16/2014	2	E2V		Y	100315FMQB	399
5962-9469601VFA	C	10/16/2014		(NONE)	12/03/2008		100315 (GEN)	399
5962-9469701Q2A	E	06/25/2015	3	TI		Y	SNJ54ABT2240AFK	529
5962-9469701QRA	E	06/25/2015	3	TI		Y	SNJ54ABT2240AJ	529
5962-9469701QSA	E	06/25/2015		(NONE)	11/28/2015		54ABT2240A (GEN)	529
5962-9469801QXA	B	06/25/2015		(NONE)	11/28/2015		54ABT18646 (GEN)	590
5962-9470301MXA	C	09/18/2014		(NONE)	10/12/2018		AD9058AT (GEN)	592
5962-9470301MYA	C	09/18/2014		(NONE)	10/12/2018		AD9058AT (GEN)	592
5962-9470401QXA	D	08/12/2014	2	TI	03/08/2019	Y	SNJ54ABT7819GB	670
5962-9470701MXA	C	04/16/2017		(NONE)	10/29/2001		72231L50 (GEN)	670
5962-9470702MXA	C	04/16/2017		(NONE)	10/29/2001		72231L35 (GEN)	670
5962-9470703MXA	C	04/16/2017		(NONE)	10/29/2001		72231L25 (GEN)	670
5962-9470801MPA	C	11/10/2015	1	ROCHESTER		Y	CLC428A/BPA	710
5962-9470901MPA		09/13/1994		(NONE)	03/30/2001		LTC1041 (GEN)	839
5962-9471001MXA		11/01/1994		(NONE)			26C94 (GEN)	590
5962-9471101NXD	A	03/21/1996		(NONE)			LM139A (GEN)	776
5962-9471102NXD	A	03/21/1996		(NONE)			LM139A (GEN)	776
5962-9471201MXC	C	04/04/2014		(NONE)	07/01/2000		4003A-10 (GEN)	431
5962-9471201MYC	C	04/04/2014		(NONE)	07/01/2000		4003A-10 (GEN)	431
5962-9471201MZC	C	04/04/2014		(NONE)	07/01/2000		4003A-10 (GEN)	431
5962-9471202MXC	C	04/04/2014		(NONE)	07/01/2000		4003A-6 (GEN)	431
5962-9471202MYC	C	04/04/2014		(NONE)	07/01/2000		4003A-6 (GEN)	431
5962-9471202MZC	C	04/04/2014		(NONE)	07/01/2000		4003A-6 (GEN)	431
5962-9471301QXC	A	12/12/2013		(NONE)			7C374-66 (GEN)	431
5962-9471301QYA	A	12/12/2013		(NONE)			7C374-66 (GEN)	431
5962-9471302QXC	A	12/12/2013		(NONE)			7C374-83 (GEN)	431
5962-9471302QYA	A	12/12/2013		(NONE)			7C374-83 (GEN)	431
5962-9471601H4C	H	10/25/2016	2	MERCURY		Y	WF128K32-150G4Q5	669
5962-9471601H5A	H	10/25/2016	2	MERCURY		Y	WF128K32A-150H1Q5	669
5962-9471601H5C	H	10/25/2016	2	MERCURY		Y	WF128K32A-150H1Q5	669
5962-9471601H6A	H	10/25/2016	2	MERCURY		Y	WF128K32-150H1Q5	669

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5962-9471601H6C	H	10/25/2016	2	MERCURY		Y	WF128K32-150H1Q5	669
5962-9471601H7A	H	10/25/2016	2	MERCURY		Y	WF128K32NA-150H1Q5	669
5962-9471601H7C	H	10/25/2016	2	MERCURY		Y	WF128K32NA-150H1Q5	669
5962-9471601H8A	H	10/25/2016	2	MERCURY		Y	WF128K32N-150H1Q5	669
5962-9471601H8C	H	10/25/2016	2	MERCURY		Y	WF128K32N-150H1Q5	669
5962-9471601H9A	H	10/25/2016	2	MERCURY		Y	WF128K32-150G1UQ5	669
5962-9471601H9C	H	10/25/2016	2	MERCURY		Y	WF128K32-150G1UQ5	669
5962-9471601HAA	H	10/25/2016	2	MERCURY		Y	WF128K32-150G2LQ5	669
5962-9471601HAA	H	10/25/2016	1	MICROSS		Y	AS8F128K32Q1-150	669
5962-9471601HAC	H	10/25/2016	2	MERCURY		Y	WF128K32-150G2LQ5	669
5962-9471601HAC	H	10/25/2016	1	MICROSS		Y	AS8F128K32Q1-150	669
5962-9471601HBA	H	10/25/2016	2	MERCURY		Y	WF128K32-150G1TQ5	669
5962-9471601HBC	H	10/25/2016	2	MERCURY		Y	WF128K32-150G1TQ5	669
5962-9471601HMA	H	10/25/2016	2	MERCURY		Y	WF128K32-150G2Q5	669
5962-9471601HMA	H	10/25/2016	1	MICROSS		Y	AS8F128K32Q-150	669
5962-9471601HMC	H	10/25/2016	2	MERCURY		Y	WF128K32-150G2Q5	669
5962-9471601HMC	H	10/25/2016	1	MICROSS		Y	AS8F128K32Q-150	669
5962-9471601HNA	H	10/25/2016	2	MERCURY		Y	WF128K32-150G2UQ5	669
5962-9471601HNC	H	10/25/2016	2	MERCURY		Y	WF128K32-150G2UQ5	669
5962-9471601HSA	H	10/25/2016	2	MERCURY		Y	WF128K32A-150HQ5	669
5962-9471601HSC	H	10/25/2016	2	MERCURY		Y	WF128K32A-150HQ5	669
5962-9471601HTA	H	10/25/2016	2	MERCURY		Y	WF128K32A-150HSQ5	669
5962-9471601HTC	H	10/25/2016	2	MERCURY		Y	WF128K32A-150HSQ5	669
5962-9471601HUA	H	10/25/2016	2	MERCURY		Y	WF128K32-150HQ5	669
5962-9471601HUC	H	10/25/2016	2	MERCURY		Y	WF128K32-150HQ5	669
5962-9471601HVA	H	10/25/2016	2	MERCURY		Y	WF128K32-150HSQ5	669
5962-9471601HVC	H	10/25/2016	2	MERCURY		Y	WF128K32-150HSQ5	669
5962-9471601HWA	H	10/25/2016	2	MERCURY		Y	WF128K32NA-150HQ5	669
5962-9471601HWC	H	10/25/2016	2	MERCURY		Y	WF128K32NA-150HQ5	669
5962-9471601HXA	H	10/25/2016	2	MERCURY		Y	WF128K32NA-150HSQ5	669
5962-9471601HXC	H	10/25/2016	2	MERCURY		Y	WF128K32NA-150HSQ5	669
5962-9471601HYA	H	10/25/2016	2	MERCURY		Y	WF128K32N-150HQ5	669
5962-9471601HYC	H	10/25/2016	2	MERCURY		Y	WF128K32N-150HQ5	669
5962-9471601HZA	H	10/25/2016	2	MERCURY		Y	WF128K32N-150HSQ5	669
5962-9471601HZA	H	10/25/2016	2	MERCURY		Y	WF128K32N-150HSQ5	669
5962-9471602H4C	H	10/25/2016	2	MERCURY		Y	WF128K32-120G4Q5	669
5962-9471602H5A	H	10/25/2016	2	MERCURY		Y	WF128K32A-120H1Q5	669
5962-9471602H5C	H	10/25/2016	2	MERCURY		Y	WF128K32A-120H1Q5	669
5962-9471602H6A	H	10/25/2016	2	MERCURY		Y	WF128K32-120H1Q5	669
5962-9471602H6C	H	10/25/2016	2	MERCURY		Y	WF128K32-120H1Q5	669
5962-9471602H7A	H	10/25/2016	2	MERCURY		Y	WF128K32NA-120H1Q5	669
5962-9471602H7C	H	10/25/2016	2	MERCURY		Y	WF128K32NA-120H1Q5	669
5962-9471602H8A	H	10/25/2016	2	MERCURY		Y	WF128K32N-120H1Q5	669
5962-9471602H8C	H	10/25/2016	2	MERCURY		Y	WF128K32N-120H1Q5	669
5962-9471602H9A	H	10/25/2016	2	MERCURY		Y	WF128K32-120G1UQ5	669
5962-9471602H9C	H	10/25/2016	2	MERCURY		Y	WF128K32-120G1UQ5	669
5962-9471602HAA	H	10/25/2016	2	MERCURY		Y	WF128K32-120G2LQ5	669
5962-9471602HAA	H	10/25/2016	1	MICROSS		Y	AS8F128K32Q1-120	669
5962-9471602HAC	H	10/25/2016	2	MERCURY		Y	WF128K32-120G2LQ5	669



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5962-9471602HAC	H	10/25/2016	1	MICROSS		Y AS8F128K32Q1-120		669
5962-9471602HBA	H	10/25/2016	2	MERCURY		Y WF128K32-120G1TQ5		669
5962-9471602HBC	H	10/25/2016	2	MERCURY		Y WF128K32-120G1TQ5		669
5962-9471602HMA	H	10/25/2016	2	MERCURY		Y WF128K32-120G2Q5		669
5962-9471602HMA	H	10/25/2016	1	MICROSS		Y AS8F128K32Q-120		669
5962-9471602HMC	H	10/25/2016	2	MERCURY		Y WF128K32-120G2Q5		669
5962-9471602HMC	H	10/25/2016	1	MICROSS		Y AS8F128K32Q-120		669
5962-9471602HNA	H	10/25/2016	2	MERCURY		Y WF128K32-120G2UQ5		669
5962-9471602HNC	H	10/25/2016	2	MERCURY		Y WF128K32-120G2UQ5		669
5962-9471602HSA	H	10/25/2016	2	MERCURY		Y WF128K32A-120HQ5		669
5962-9471602HSC	H	10/25/2016	2	MERCURY		Y WF128K32A-120HQ5		669
5962-9471602HTA	H	10/25/2016	2	MERCURY		Y WF128K32A-120HSQ5		669
5962-9471602HTC	H	10/25/2016	2	MERCURY		Y WF128K32A-120HSQ5		669
5962-9471602HUA	H	10/25/2016	2	MERCURY		Y WF128K32-120HQ5		669
5962-9471602HUC	H	10/25/2016	2	MERCURY		Y WF128K32-120HQ5		669
5962-9471602HVA	H	10/25/2016	2	MERCURY		Y WF128K32-120HSQ5		669
5962-9471602HVC	H	10/25/2016	2	MERCURY		Y WF128K32-120HSQ5		669
5962-9471602HWA	H	10/25/2016	2	MERCURY		Y WF128K32NA-120HQ5		669
5962-9471602HWC	H	10/25/2016	2	MERCURY		Y WF128K32NA-120HQ5		669
5962-9471602HXA	H	10/25/2016	2	MERCURY		Y WF128K32NA-120HSQ5		669
5962-9471602HXC	H	10/25/2016	2	MERCURY		Y WF128K32NA-120HSQ5		669
5962-9471602HYA	H	10/25/2016	2	MERCURY		Y WF128K32N-120HQ5		669
5962-9471602HYC	H	10/25/2016	2	MERCURY		Y WF128K32N-120HQ5		669
5962-9471602HZA	H	10/25/2016	2	MERCURY		Y WF128K32N-120HSQ5		669
5962-9471602HZC	H	10/25/2016	2	MERCURY		Y WF128K32N-120HSQ5		669
5962-9471603H4C	H	10/25/2016	2	MERCURY		Y WF128K32-90G4Q5		669
5962-9471603H5A	H	10/25/2016	2	MERCURY		Y WF128K32A-90H1Q5		669
5962-9471603H5C	H	10/25/2016	2	MERCURY		Y WF128K32A-90H1Q5		669
5962-9471603H6A	H	10/25/2016	2	MERCURY		Y WF128K32-90H1Q5		669
5962-9471603H6C	H	10/25/2016	2	MERCURY		Y WF128K32-90H1Q5		669
5962-9471603H7A	H	10/25/2016	2	MERCURY		Y WF128K32NA-90H1Q5		669
5962-9471603H7C	H	10/25/2016	2	MERCURY		Y WF128K32NA-90H1Q5		669
5962-9471603H8A	H	10/25/2016	2	MERCURY		Y WF128K32N-90H1Q5		669
5962-9471603H8C	H	10/25/2016	2	MERCURY		Y WF128K32N-90H1Q5		669
5962-9471603H9A	H	10/25/2016	2	MERCURY		Y WF128K32-90G1UQ5		669
5962-9471603H9C	H	10/25/2016	2	MERCURY		Y WF128K32-90G1UQ5		669
5962-9471603HAA	H	10/25/2016	2	MERCURY		Y WF128K32-90G2LQ5		669
5962-9471603HAA	H	10/25/2016	1	MICROSS		Y AS8F128K32Q1-90		669
5962-9471603HAC	H	10/25/2016	2	MERCURY		Y WF128K32-90G2LQ5		669
5962-9471603HAC	H	10/25/2016	1	MICROSS		Y AS8F128K32Q1-90		669
5962-9471603HBA	H	10/25/2016	2	MERCURY		Y WF128K32-90G1TQ5		669
5962-9471603HBC	H	10/25/2016	2	MERCURY		Y WF128K32-90G1TQ5		669
5962-9471603HMA	H	10/25/2016	2	MERCURY		Y WF128K32-90G2Q5		669
5962-9471603HMA	H	10/25/2016	1	MICROSS		Y AS8F128K32Q-90		669
5962-9471603HMC	H	10/25/2016	2	MERCURY		Y WF128K32-90G2Q5		669
5962-9471603HMC	H	10/25/2016	1	MICROSS		Y AS8F128K32Q-90		669
5962-9471603HNA	H	10/25/2016	2	MERCURY		Y WF128K32-90G2UQ5		669
5962-9471603HNC	H	10/25/2016	2	MERCURY		Y WF128K32-90G2UQ5		669
5962-9471603HSA	H	10/25/2016	2	MERCURY		Y WF128K32A-90HQ5		669



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5962-9471603HSC	H	10/25/2016	2	MERCURY		Y	WF128K32A-90HQ5	669
5962-9471603HTA	H	10/25/2016	2	MERCURY		Y	WF128K32A-90HSQ5	669
5962-9471603HTC	H	10/25/2016	2	MERCURY		Y	WF128K32A-90HSQ5	669
5962-9471603HUA	H	10/25/2016	2	MERCURY		Y	WF128K32-90HQ5	669
5962-9471603HUC	H	10/25/2016	2	MERCURY		Y	WF128K32-90HQ5	669
5962-9471603HVA	H	10/25/2016	2	MERCURY		Y	WF128K32-90HSQ5	669
5962-9471603HVC	H	10/25/2016	2	MERCURY		Y	WF128K32-90HSQ5	669
5962-9471603HWA	H	10/25/2016	2	MERCURY		Y	WF128K32NA-90HQ5	669
5962-9471603HWC	H	10/25/2016	2	MERCURY		Y	WF128K32NA-90HQ5	669
5962-9471603HXA	H	10/25/2016	2	MERCURY		Y	WF128K32NA-90HSQ5	669
5962-9471603HXC	H	10/25/2016	2	MERCURY		Y	WF128K32NA-90HSQ5	669
5962-9471603HYA	H	10/25/2016	2	MERCURY		Y	WF128K32N-90HQ5	669
5962-9471603HYC	H	10/25/2016	2	MERCURY		Y	WF128K32N-90HQ5	669
5962-9471603HZA	H	10/25/2016	2	MERCURY		Y	WF128K32N-90HSQ5	669
5962-9471603HZC	H	10/25/2016	2	MERCURY		Y	WF128K32N-90HSQ5	669
5962-9471604H4C	H	10/25/2016	2	MERCURY		Y	WF128K32-70G4Q5	669
5962-9471604H5A	H	10/25/2016	2	MERCURY		Y	WF128K32A-70H1Q5	669
5962-9471604H5C	H	10/25/2016	2	MERCURY		Y	WF128K32A-70H1Q5	669
5962-9471604H6A	H	10/25/2016	2	MERCURY		Y	WF128K32-70H1Q5	669
5962-9471604H6C	H	10/25/2016	2	MERCURY		Y	WF128K32-70H1Q5	669
5962-9471604H7A	H	10/25/2016	2	MERCURY		Y	WF128K32NA-70H1Q5	669
5962-9471604H7C	H	10/25/2016	2	MERCURY		Y	WF128K32NA-70H1Q5	669
5962-9471604H8A	H	10/25/2016	2	MERCURY		Y	WF128K32N-70H1Q5	669
5962-9471604H8C	H	10/25/2016	2	MERCURY		Y	WF128K32N-70H1Q5	669
5962-9471604H9A	H	10/25/2016	2	MERCURY		Y	WF128K32-70G1UQ5	669
5962-9471604H9C	H	10/25/2016	2	MERCURY		Y	WF128K32-70G1UQ5	669
5962-9471604HAA	H	10/25/2016	2	MERCURY		Y	WF128K32-70G2LQ5	669
5962-9471604HAA	H	10/25/2016	1	MICROSS		Y	AS8F128K32Q1-70	669
5962-9471604HAC	H	10/25/2016	2	MERCURY		Y	WF128K32-70G2LQ5	669
5962-9471604HAC	H	10/25/2016	1	MICROSS		Y	AS8F128K32Q1-70	669
5962-9471604HBA	H	10/25/2016	2	MERCURY		Y	WF128K32-70G1TQ5	669
5962-9471604HBC	H	10/25/2016	2	MERCURY		Y	WF128K32-70G1TQ5	669
5962-9471604HMA	H	10/25/2016	2	MERCURY		Y	WF128K32-70G2Q5	669
5962-9471604HMA	H	10/25/2016	1	MICROSS		Y	AS8F128K32Q-70	669
5962-9471604HMC	H	10/25/2016	2	MERCURY		Y	WF128K32-70G2Q5	669
5962-9471604HMC	H	10/25/2016	1	MICROSS		Y	AS8F128K32Q-70	669
5962-9471604HNA	H	10/25/2016	2	MERCURY		Y	WF128K32-70G2UQ5	669
5962-9471604HNC	H	10/25/2016	2	MERCURY		Y	WF128K32-70G2UQ5	669
5962-9471604HSA	H	10/25/2016	2	MERCURY		Y	WF128K32A-70HQ5	669
5962-9471604HSC	H	10/25/2016	2	MERCURY		Y	WF128K32A-70HQ5	669
5962-9471604HTA	H	10/25/2016	2	MERCURY		Y	WF128K32A-70HSQ5	669
5962-9471604HTC	H	10/25/2016	2	MERCURY		Y	WF128K32A-70HSQ5	669
5962-9471604HUA	H	10/25/2016	2	MERCURY		Y	WF128K32-70HQ5	669
5962-9471604HUC	H	10/25/2016	2	MERCURY		Y	WF128K32-70HQ5	669
5962-9471604HVA	H	10/25/2016	2	MERCURY		Y	WF128K32-70HSQ5	669
5962-9471604HVC	H	10/25/2016	2	MERCURY		Y	WF128K32-70HSQ5	669
5962-9471604HWA	H	10/25/2016	2	MERCURY		Y	WF128K32NA-70HQ5	669
5962-9471604HWC	H	10/25/2016	2	MERCURY		Y	WF128K32NA-70HQ5	669
5962-9471604HXA	H	10/25/2016	2	MERCURY		Y	WF128K32NA-70HSQ5	669

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9471604HXC	H	10/25/2016	2	MERCURY		Y WF128K32NA-70HSQ5		669
5962-9471604HYA	H	10/25/2016	2	MERCURY		Y WF128K32N-70HQ5		669
5962-9471604HYC	H	10/25/2016	2	MERCURY		Y WF128K32N-70HQ5		669
5962-9471604HZA	H	10/25/2016	2	MERCURY		Y WF128K32N-70HSQ5		669
5962-9471604HZA	H	10/25/2016	2	MERCURY		Y WF128K32N-70HSQ5		669
5962-9471604HZA	H	10/25/2016	2	MERCURY		Y WF128K32N-70HSQ5		669
5962-9471605H4C	H	10/25/2016	2	MERCURY		Y WF128K32-60G4Q5		669
5962-9471605H5A	H	10/25/2016	2	MERCURY		Y WF128K32A-60H1Q5		669
5962-9471605H5C	H	10/25/2016	2	MERCURY		Y WF128K32A-60H1Q5		669
5962-9471605H6A	H	10/25/2016	2	MERCURY		Y WF128K32-60H1Q5		669
5962-9471605H6C	H	10/25/2016	2	MERCURY		Y WF128K32-60H1Q5		669
5962-9471605H7A	H	10/25/2016	2	MERCURY		Y WF128K32NA-60H1Q5		669
5962-9471605H7C	H	10/25/2016	2	MERCURY		Y WF128K32NA-60H1Q5		669
5962-9471605H8A	H	10/25/2016	2	MERCURY		Y WF128K32N-60H1Q5		669
5962-9471605H8C	H	10/25/2016	2	MERCURY		Y WF128K32N-60H1Q5		669
5962-9471605H9A	H	10/25/2016	2	MERCURY		Y WF128K32-60G1UQ5		669
5962-9471605H9C	H	10/25/2016	2	MERCURY		Y WF128K32-60G1UQ5		669
5962-9471605HAA	H	10/25/2016	2	MERCURY		Y WF128K32-60G2LQ5		669
5962-9471605HAA	H	10/25/2016	1	MICROSS		Y AS8F128K32Q1-60		669
5962-9471605HAC	H	10/25/2016	2	MERCURY		Y WF128K32-60G2LQ5		669
5962-9471605HAC	H	10/25/2016	1	MICROSS		Y AS8F128K32Q1-60		669
5962-9471605HBA	H	10/25/2016	2	MERCURY		Y WF128K32-60G1TQ5		669
5962-9471605HBC	H	10/25/2016	2	MERCURY		Y WF128K32-60G1TQ5		669
5962-9471605HMA	H	10/25/2016	2	MERCURY		Y WF128K32-60G2Q5		669
5962-9471605HMA	H	10/25/2016	1	MICROSS		Y AS8F128K32Q-60		669
5962-9471605HMC	H	10/25/2016	2	MERCURY		Y WF128K32-60G2Q5		669
5962-9471605HMC	H	10/25/2016	1	MICROSS		Y AS8F128K32Q-60		669
5962-9471605HNA	H	10/25/2016	2	MERCURY		Y WF128K32-60G2UQ5		669
5962-9471605HNC	H	10/25/2016	2	MERCURY		Y WF128K32-60G2UQ5		669
5962-9471605HSA	H	10/25/2016	2	MERCURY		Y WF128K32A-60HQ5		669
5962-9471605HSC	H	10/25/2016	2	MERCURY		Y WF128K32A-60HQ5		669
5962-9471605HTA	H	10/25/2016	2	MERCURY		Y WF128K32A-60HSQ5		669
5962-9471605HTC	H	10/25/2016	2	MERCURY		Y WF128K32A-60HSQ5		669
5962-9471605HUA	H	10/25/2016	2	MERCURY		Y WF128K32-60HQ5		669
5962-9471605HUC	H	10/25/2016	2	MERCURY		Y WF128K32-60HQ5		669
5962-9471605HVA	H	10/25/2016	2	MERCURY		Y WF128K32-60HSQ5		669
5962-9471605HVC	H	10/25/2016	2	MERCURY		Y WF128K32-60HSQ5		669
5962-9471605HWA	H	10/25/2016	2	MERCURY		Y WF128K32NA-60HQ5		669
5962-9471605HWC	H	10/25/2016	2	MERCURY		Y WF128K32NA-60HQ5		669
5962-9471605HXA	H	10/25/2016	2	MERCURY		Y WF128K32NA-60HSQ5		669
5962-9471605HXC	H	10/25/2016	2	MERCURY		Y WF128K32NA-60HSQ5		669
5962-9471605HYA	H	10/25/2016	2	MERCURY		Y WF128K32N-60HQ5		669
5962-9471605HYC	H	10/25/2016	2	MERCURY		Y WF128K32N-60HQ5		669
5962-9471605HZA	H	10/25/2016	2	MERCURY		Y WF128K32N-60HSQ5		669
5962-9471605HZA	H	10/25/2016	2	MERCURY		Y WF128K32N-60HSQ5		669
5962-9471701MPA	C	10/01/2014		(NONE)	09/30/2010	1765 (GEN)		660
5962-9471801Q2A	D	06/25/2015	2	TI		Y SNJ54ABT541FK		529
5962-9471801QRA	D	06/25/2015	2	TI		Y SNJ54ABT541J		529
5962-9471801QSA	D	06/25/2015	2	TI		Y SNJ54ABT541W		529
5962-9471901M2A	E	11/16/2015	1	ROCHESTER		Y CLC412A/B2A		760

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9471901MPA	E	11/16/2015		(NONE)			CLC412A (GEN)	760
5962-9472101HUA	C	03/05/2013	1C	INTER. RECT.2		Y AFL2805SW/CH		594
5962-9472101HUC	C	03/05/2013	1C	INTER. RECT.2		Y AFL2805SW/CH		594
5962-9472101HXA	C	03/05/2013	1C	INTER. RECT.2		Y AFL2805SX/CH		594
5962-9472101HXC	C	03/05/2013	1C	INTER. RECT.2		Y AFL2805SX/CH		594
5962-9472101HYA	C	03/05/2013	1C	INTER. RECT.2		Y AFL2805SY/CH		594
5962-9472101HYC	C	03/05/2013	1C	INTER. RECT.2		Y AFL2805SY/CH		594
5962-9472101HZA	C	03/05/2013	1C	INTER. RECT.2		Y AFL2805SZ/CH		594
5962-9472101HZA	C	03/05/2013	1C	INTER. RECT.2		Y AFL2805SZ/CH		594
5962-9472201HUA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2812SW/CH		594
5962-9472201HUC	C	04/09/2013	1C	INTER. RECT.2		Y AFL2812SW/CH		594
5962-9472201HXA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2812SX/CH		594
5962-9472201HXC	C	04/09/2013	1C	INTER. RECT.2		Y AFL2812SX/CH		594
5962-9472201HYA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2812SY/CH		594
5962-9472201HYC	C	04/09/2013	1C	INTER. RECT.2		Y AFL2812SY/CH		594
5962-9472201HZA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2812SZ/CH		594
5962-9472201HZA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2812SZ/CH		594
5962-9472201HZA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2812SZ/CH		594
5962-9472201HZA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2812SZ/CH		594
5962-9472301HUA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815SW/CH		594
5962-9472301HUC	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815SW/CH		594
5962-9472301HXA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815SX/CH		594
5962-9472301HXC	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815SX/CH		594
5962-9472301HYA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815SY/CH		594
5962-9472301HYC	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815SY/CH		594
5962-9472301HZA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815SZ/CH		594
5962-9472301HZA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815SZ/CH		594
5962-9472301HZA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815SZ/CH		594
5962-9472301HZA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815SZ/CH		594
5962-9472401HUA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815DW/CH		594
5962-9472401HUC	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815DW/CH		594
5962-9472401HXA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815DX/CH		594
5962-9472401HXC	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815DX/CH		594
5962-9472401HYA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815DY/CH		594
5962-9472401HYC	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815DY/CH		594
5962-9472401HZA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815DZ/CH		594
5962-9472401HZA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815DZ/CH		594
5962-9472401HZA	C	04/09/2013	1C	INTER. RECT.2		Y AFL2815DZ/CH		594
5962-9472501M2A	E	11/19/2015	1	ROCHESTER		Y CLC431A/B2A		710
5962-9472501MCA	E	11/19/2015	1	ROCHESTER		Y CLC431A/BCA		710
5962-9472502M2A	E	11/19/2015	1	ROCHESTER		Y CLC432A/B2A		710
5962-9472502MPA	E	11/19/2015	1	ROCHESTER		Y CLC432A/BPA		710
5962-9472601Q2A	B	12/15/2009		(NONE)	05/01/1998	TL052 (GEN)		710
5962-9472601QPA	B	12/15/2009		(NONE)	05/01/1998	TL052 (GEN)		710
5962-9472701HXA	B	01/12/2009		(NONE)		MSK640B (GEN)		760
5962-9472702HXA	B	01/12/2009		(NONE)		MSK641B (GEN)		760
5962-9472801QXA	B	02/14/2014		(NONE)	11/28/2015	54ABTH16260 (GEN)		342
5962-9472901QEA	A	05/13/2008		(NONE)	12/24/2000	HA-2556 (GEN)		810
5962-9473001MXC	F	10/19/2017		(NONE)	01/15/2000	4013-10 (GEN)		431
5962-9473001MYC	F	10/19/2017		(NONE)	01/15/2000	4013-10 (GEN)		431
5962-9473001MZC	F	10/19/2017		(NONE)	01/15/2000	4013-10 (GEN)		431
5962-9473002MXC	F	10/19/2017		(NONE)	02/01/2007	4013-6 (GEN)		431
5962-9473002MYC	F	10/19/2017		(NONE)	02/01/2007	4013-6 (GEN)		431
5962-9473002MZC	F	10/19/2017		(NONE)	02/01/2007	4013-6 (GEN)		431

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9473201M2A	A	10/06/2009		(NONE)	08/15/1999		TL-SCSI285 (GEN)	782
5962-9473201MCA	A	10/06/2009		(NONE)	08/15/1999		TL-SCSI285 (GEN)	782
5962-9473301MXC	A	02/20/2014		(NONE)	10/31/1996		81188 (GEN)	431
5962-9473401MXA	A	04/17/2013		(NONE)	11/01/1997		416100-10 (GEN)	629
5962-9473401MYA	A	04/17/2013		(NONE)	11/01/1997		416100-10 (GEN)	629
5962-9473402MXA	A	04/17/2013		(NONE)	11/01/1997		416100-80 (GEN)	629
5962-9473402MYA	A	04/17/2013		(NONE)	11/01/1997		416100-80 (GEN)	629
5962-9473403MXA	A	04/17/2013		(NONE)	11/01/1997		416100-70 (GEN)	629
5962-9473403MYA	A	04/17/2013		(NONE)	11/01/1997		416100-70 (GEN)	629
5962-9474301MXA	B	07/14/2016	2	ANALOG (2)		Y	AD676TD/883B	592
5962-9474401MXA	B	11/08/1996		(NONE)	07/26/2004		54FCT162511A (GEN)	590
5962-9474402MXA	B	11/08/1996		(NONE)	07/26/2004		54FCT162511C (GEN)	590
5962-9474501MPA	B	04/24/2017		(NONE)	10/31/1996		EPC1213 (GEN)	662
5962-9474601M2A	A	11/03/2009		(NONE)	12/31/2001		UC1717 (GEN)	899
5962-9474601MEA	A	11/03/2009		(NONE)	12/31/2001		UC1717 (GEN)	899
5962-9474801QXC	A	09/09/2009		(NONE)	02/29/2000		TLC34076-135 (GEN)	591
5962-9474901MEA	B	12/03/2001		(NONE)	10/03/2004		HFA3127 (GEN)	790
5962-9475001Q3A	B	07/27/2017	3	ROCHESTER		Y	SCANPSC100F/Q3A	809
5962-9475001QXA	B	07/27/2017	3	ROCHESTER		Y	SCANPSC100F/QXA	809
5962-9475001QYA	B	07/27/2017	3	ROCHESTER		Y	SCANPSC100F/QYA	809
5962-9475301HUA	B	04/09/2013	1C	INTER. RECT.2		Y	AFL27012SW/CH	594
5962-9475301HUC	B	04/09/2013	1C	INTER. RECT.2		Y	AFL27012SW/CH	594
5962-9475301HXA	B	04/09/2013	1C	INTER. RECT.2		Y	AFL27012SX/CH	594
5962-9475301HXC	B	04/09/2013	1C	INTER. RECT.2		Y	AFL27012SX/CH	594
5962-9475301HYA	B	04/09/2013	1C	INTER. RECT.2		Y	AFL27012SY/CH	594
5962-9475301HYC	B	04/09/2013	1C	INTER. RECT.2		Y	AFL27012SY/CH	594
5962-9475301HZA	B	04/09/2013	1C	INTER. RECT.2		Y	AFL27012SZ/CH	594
5962-9475301HZC	B	04/09/2013	1C	INTER. RECT.2		Y	AFL27012SZ/CH	594
5962H9475401Q3A	G	10/24/2017		(NONE)			22VP10C (GEN)	431
5962H9475401Q3C	G	10/24/2017		(NONE)			22VP10C (GEN)	431
5962H9475401V3A	G	10/24/2017		(NONE)			22VP10C (GEN)	431
5962H9475401V3C	G	10/24/2017		(NONE)			22VP10C (GEN)	431
5962H9475401QKA	G	10/24/2017		(NONE)			22VP10C (GEN)	431
5962H9475401QKC	G	10/24/2017		(NONE)			22VP10C (GEN)	431
5962H9475401VKA	G	10/24/2017		(NONE)			22VP10C (GEN)	431
5962H9475401VKC	G	10/24/2017		(NONE)			22VP10C (GEN)	431
5962H9475401QLA	G	10/24/2017	1	COBHAM		Y	UT22VP10C-25PCA	431
5962H9475401QLC	G	10/24/2017	1	COBHAM		Y	UT22VP10C-25PCC	431
5962H9475401VLA	G	10/24/2017	1	COBHAM		Y	UT22VP10C-25PCA	431
5962H9475401VLC	G	10/24/2017	1	COBHAM		Y	UT22VP10C-25PCC	431
5962H9475401QXA	G	10/24/2017	1	COBHAM		Y	UT22VP10C-25UCA	431
5962H9475401QXC	G	10/24/2017	1	COBHAM		Y	UT22VP10C-25UCC	431
5962H9475401VXA	G	10/24/2017	1	COBHAM		Y	UT22VP10C-25UCA	431
5962H9475401VXC	G	10/24/2017	1	COBHAM		Y	UT22VP10C-25UCC	431
5962H9475401QYA	G	10/24/2017	1	COBHAM		Y	UT22VP10C-25WCA	431
5962H9475401QYC	G	10/24/2017	1	COBHAM		Y	UT22VP10C-25WCC	431
5962H9475401VYA	G	10/24/2017	1	COBHAM		Y	UT22VP10C-25WCA	431
5962H9475401VYC	G	10/24/2017	1	COBHAM		Y	UT22VP10C-25WCC	431
5962H9475402Q3A	G	10/24/2017		(NONE)			22VP10T (GEN)	431

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5962H9475402Q3C	G	10/24/2017		(NONE)			22VP10T (GEN)	431
5962H9475402V3A	G	10/24/2017		(NONE)			22VP10T (GEN)	431
5962H9475402V3C	G	10/24/2017		(NONE)			22VP10T (GEN)	431
5962H9475402QKA	G	10/24/2017		(NONE)			22VP10T (GEN)	431
5962H9475402QKC	G	10/24/2017		(NONE)			22VP10T (GEN)	431
5962H9475402VKA	G	10/24/2017		(NONE)			22VP10T (GEN)	431
5962H9475402VKC	G	10/24/2017		(NONE)			22VP10T (GEN)	431
5962H9475402QLA	G	10/24/2017	1	COBHAM		Y UT22VP10T-25PCA		431
5962H9475402QLC	G	10/24/2017	1	COBHAM		Y UT22VP10T-25PCC		431
5962H9475402VLA	G	10/24/2017	1	COBHAM		Y UT22VP10T-25PCA		431
5962H9475402VLC	G	10/24/2017	1	COBHAM		Y UT22VP10T-25PCC		431
5962H9475402QXA	G	10/24/2017	1	COBHAM		Y UT22VP10T-25UCA		431
5962H9475402QXC	G	10/24/2017	1	COBHAM		Y UT22VP10T-25UCC		431
5962H9475402VXA	G	10/24/2017	1	COBHAM		Y UT22VP10T-25UCA		431
5962H9475402VXC	G	10/24/2017	1	COBHAM		Y UT22VP10T-25UCC		431
5962H9475402QYA	G	10/24/2017	1	COBHAM		Y UT22VP10T-25WCA		431
5962H9475402QYC	G	10/24/2017	1	COBHAM		Y UT22VP10T-25WCC		431
5962H9475402VYA	G	10/24/2017	1	COBHAM		Y UT22VP10T-25WCA		431
5962H9475402VYC	G	10/24/2017	1	COBHAM		Y UT22VP10T-25WCC		431
5962H9475403QLA	G	10/24/2017	1	COBHAM		Y UT22VP10C-20PCA		431
5962H9475403QLC	G	10/24/2017	1	COBHAM		Y UT22VP10C-20PCC		431
5962H9475403VLA	G	10/24/2017	1	COBHAM		Y UT22VP10C-20PCA		431
5962H9475403VLC	G	10/24/2017	1	COBHAM		Y UT22VP10C-20PCC		431
5962H9475403QXA	G	10/24/2017	1	COBHAM		Y UT22VP10C-20UCA		431
5962H9475403QXC	G	10/24/2017	1	COBHAM		Y UT22VP10C-20UCC		431
5962H9475403VXA	G	10/24/2017	1	COBHAM		Y UT22VP10C-20UCA		431
5962H9475403VXC	G	10/24/2017	1	COBHAM		Y UT22VP10C-20UCC		431
5962H9475403QYA	G	10/24/2017	1	COBHAM		Y UT22VP10C-20WCA		431
5962H9475403QYC	G	10/24/2017	1	COBHAM		Y UT22VP10C-20WCC		431
5962H9475403VYA	G	10/24/2017	1	COBHAM		Y UT22VP10C-20WCA		431
5962H9475403VYC	G	10/24/2017	1	COBHAM		Y UT22VP10C-20WCC		431
5962H9475404QLA	G	10/24/2017	1	COBHAM		Y UT22VP10T-20PCA		431
5962H9475404QLC	G	10/24/2017	1	COBHAM		Y UT22VP10T-20PCC		431
5962H9475404VLA	G	10/24/2017	1	COBHAM		Y UT22VP10T-20PCA		431
5962H9475404VLC	G	10/24/2017	1	COBHAM		Y UT22VP10T-20PCC		431
5962H9475404QXA	G	10/24/2017	1	COBHAM		Y UT22VP10T-20UCA		431
5962H9475404QXC	G	10/24/2017	1	COBHAM		Y UT22VP10T-20UCC		431
5962H9475404VXA	G	10/24/2017	1	COBHAM		Y UT22VP10T-20UCA		431
5962H9475404VXC	G	10/24/2017	1	COBHAM		Y UT22VP10T-20UCC		431
5962H9475404QYA	G	10/24/2017	1	COBHAM		Y UT22VP10T-20WCA		431
5962H9475404QYC	G	10/24/2017	1	COBHAM		Y UT22VP10T-20WCC		431
5962H9475404VYA	G	10/24/2017	1	COBHAM		Y UT22VP10T-20WCA		431
5962H9475404VYC	G	10/24/2017	1	COBHAM		Y UT22VP10T-20WCC		431
5962H9475405QLA	G	10/24/2017	1	COBHAM		Y UT22VP10E-25PCA		431
5962H9475405QLC	G	10/24/2017	1	COBHAM		Y UT22VP10E-25PCC		431
5962H9475405VLA	G	10/24/2017	1	COBHAM		Y UT22VP10E-25PCA		431
5962H9475405VLC	G	10/24/2017	1	COBHAM		Y UT22VP10E-25PCC		431
5962H9475405QXA	G	10/24/2017	1	COBHAM		Y UT22VP10E-25UCA		431
5962H9475405QXC	G	10/24/2017	1	COBHAM		Y UT22VP10E-25UCC		431



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5962H9475405VXA	G	10/24/2017	1	COBHAM		Y	UT22VP10E-25UCA	431
5962H9475405VXC	G	10/24/2017	1	COBHAM		Y	UT22VP10E-25UCC	431
5962H9475405QYA	G	10/24/2017	1	COBHAM		Y	UT22VP10E-25WCA	431
5962H9475405QYC	G	10/24/2017	1	COBHAM		Y	UT22VP10E-25WCC	431
5962H9475405VYA	G	10/24/2017	1	COBHAM		Y	UT22VP10E-25WCA	431
5962H9475405VYC	G	10/24/2017	1	COBHAM		Y	UT22VP10E-25WCC	431
5962H9475406QLA	G	10/24/2017	1	COBHAM		Y	UT22VP10E-20PCA	431
5962H9475406QLC	G	10/24/2017	1	COBHAM		Y	UT22VP10E-20PCC	431
5962H9475406VLA	G	10/24/2017	1	COBHAM		Y	UT22VP10E-20PCA	431
5962H9475406VLC	G	10/24/2017	1	COBHAM		Y	UT22VP10E-20PCC	431
5962H9475406QXA	G	10/24/2017	1	COBHAM		Y	UT22VP10E-20UCA	431
5962H9475406QXC	G	10/24/2017	1	COBHAM		Y	UT22VP10E-20UCC	431
5962H9475406VXA	G	10/24/2017	1	COBHAM		Y	UT22VP10E-20UCA	431
5962H9475406VXC	G	10/24/2017	1	COBHAM		Y	UT22VP10E-20UCC	431
5962H9475406QYA	G	10/24/2017	1	COBHAM		Y	UT22VP10E-20WCA	431
5962H9475406QYC	G	10/24/2017	1	COBHAM		Y	UT22VP10E-20WCC	431
5962H9475406VYA	G	10/24/2017	1	COBHAM		Y	UT22VP10E-20WCA	431
5962H9475406VYC	G	10/24/2017	1	COBHAM		Y	UT22VP10E-20WCC	431
5962H9475407QLA	G	10/24/2017	1	COBHAM		Y	UT22VP10E-15PCA	431
5962H9475407QLC	G	10/24/2017	1	COBHAM		Y	UT22VP10E-15PCC	431
5962H9475407VLA	G	10/24/2017	1	COBHAM		Y	UT22VP10E-15PCA	431
5962H9475407VLC	G	10/24/2017	1	COBHAM		Y	UT22VP10E-15PCC	431
5962H9475407QXA	G	10/24/2017	1	COBHAM		Y	UT22VP10E-15UCA	431
5962H9475407QXC	G	10/24/2017	1	COBHAM		Y	UT22VP10E-15UCC	431
5962H9475407VXA	G	10/24/2017	1	COBHAM		Y	UT22VP10E-15UCA	431
5962H9475407VXC	G	10/24/2017	1	COBHAM		Y	UT22VP10E-15UCC	431
5962H9475407QYA	G	10/24/2017	1	COBHAM		Y	UT22VP10E-15WCA	431
5962H9475407QYC	G	10/24/2017	1	COBHAM		Y	UT22VP10E-15WCC	431
5962H9475407VYA	G	10/24/2017	1	COBHAM		Y	UT22VP10E-15WCA	431
5962H9475407VYC	G	10/24/2017	1	COBHAM		Y	UT22VP10E-15WCC	431
5962H9475408QLA	G	10/24/2017	1	COBHAM		Y	UT22VP10T-15PCA	431
5962H9475408QLC	G	10/24/2017	1	COBHAM		Y	UT22VP10T-15PCC	431
5962H9475408VLA	G	10/24/2017	1	COBHAM		Y	UT22VP10T-15PCA	431
5962H9475408VLC	G	10/24/2017	1	COBHAM		Y	UT22VP10T-15PCC	431
5962H9475408QXA	G	10/24/2017	1	COBHAM		Y	UT22VP10T-15UCA	431
5962H9475408QXC	G	10/24/2017	1	COBHAM		Y	UT22VP10T-15UCC	431
5962H9475408VXA	G	10/24/2017	1	COBHAM		Y	UT22VP10T-15UCA	431
5962H9475408VXC	G	10/24/2017	1	COBHAM		Y	UT22VP10T-15UCC	431
5962H9475408QYA	G	10/24/2017	1	COBHAM		Y	UT22VP10T-15WCA	431
5962H9475408QYC	G	10/24/2017	1	COBHAM		Y	UT22VP10T-15WCC	431
5962H9475408VYA	G	10/24/2017	1	COBHAM		Y	UT22VP10T-15WCA	431
5962H9475408VYC	G	10/24/2017	1	COBHAM		Y	UT22VP10T-15WCA	431
5962-9475501MPA	D	01/07/2019	1	ANALOG (3)		Y	AD7893SQ-10/883B	592
5962-9475502MPA	D	01/07/2019	1	ANALOG (3)		Y	AD7893SQ-2/883B	592
5962-9475601M2A	A	05/20/2009		(NONE)	12/24/2000		HFA1135 (GEN)	751
5962-9475601MPA	A	05/20/2009		(NONE)	12/24/2000		HFA1135 (GEN)	751
5962-9475701HXA	B	12/10/2013	1	DATEL		Y	ADS-927/883	592
5962-9475701HXC	B	12/10/2013	1	DATEL		Y	ADS-927/883	592
5962-9475801QXC	K	10/07/2015		(NONE)			69151XT15 (GEN)	599



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5962-9475801QYC	K	10/07/2015		(NONE)			69151XT15 (GEN)	599
5962-9475802QXC	K	10/07/2015		(NONE)			69151XT5 (GEN)	599
5962-9475802QYC	K	10/07/2015		(NONE)			69151XT5 (GEN)	599
5962-9475803QXC	K	10/07/2015		(NONE)			69151XT12 (GEN)	599
5962-9475803QYC	K	10/07/2015		(NONE)			69151XT12 (GEN)	599
5962-9475804QXC	K	10/07/2015		(NONE)			69151XTE15 (GEN)	599
5962-9475804QYC	K	10/07/2015		(NONE)			69151XTE15 (GEN)	599
5962-9475805QXC	K	10/07/2015		(NONE)			69151XTE5 (GEN)	599
5962-9475805QYC	K	10/07/2015		(NONE)			69151XTE5 (GEN)	599
5962-9475806QXC	K	10/07/2015		(NONE)			69151XTE12 (GEN)	599
5962-9475806QYC	K	10/07/2015		(NONE)			69151XTE12 (GEN)	599
5962-9475807QXA	K	10/07/2015		(NONE)			69151XTE15 (GEN)	599
5962-9475807QYA	K	10/07/2015		(NONE)			69151XTE15 (GEN)	599
5962-9475808QXA	K	10/07/2015		(NONE)			69151XTE5 (GEN)	599
5962-9475808QYA	K	10/07/2015	1	COBHAM		Y	UT69151XTE5/WCA	599
5962-9475808QYC	K	10/07/2015	1	COBHAM		Y	UT69151XTE5/WCC	599
5962-9475808QZA	K	10/07/2015	1	COBHAM		Y	UT69151XTE5/ZCA	599
5962-9475808QZC	K	10/07/2015	1	COBHAM		Y	UT69151XTE5/ZCC	599
5962-9475809QXA	K	10/07/2015		(NONE)			69151XTE12 (GEN)	599
5962-9475809QYA	K	10/07/2015		(NONE)			69151XTE12 (GEN)	599
5962-9475901MXA	B	03/04/2002		(NONE)			AD9040A (GEN)	592
5962-9475901MYC	B	03/04/2002		(NONE)	09/30/2000		AD9040A (GEN)	592
5962-9476001MXC	C	07/17/2017		(NONE)	10/08/2010		PLSI1024 (GEN)	431
5962-9476101MXC	C	08/21/2017	2	E2V			1024-60LH/883	431
5962-9476201MXC	C	08/17/2017	2	E2V			1016-60LH/883	431
5962-9476301MXC	C	03/17/2017		(NONE)			PLSI1016 (GEN)	431
5962-9477101MXB	B	01/24/2002		(NONE)	01/31/2001		SPT7710AM (GEN)	592
5962-9477101MYC	B	01/24/2002		(NONE)	01/31/2001		SPT7710AM (GEN)	592
5962-9477102MXB	B	01/24/2002		(NONE)	01/31/2001		SPT7710BM (GEN)	592
5962-9477102MYC	B	01/24/2002		(NONE)	01/31/2001		SPT7710BM (GEN)	592
5962-9477103MXB	B	01/24/2002		(NONE)	01/31/2001		SPT7725AM (GEN)	592
5962-9477103MYC	B	01/24/2002		(NONE)	01/31/2001		SPT7725AM (GEN)	592
5962-9477104MXB	B	01/24/2002		(NONE)	01/31/2001		SPT7725BM (GEN)	592
5962-9477104MYC	B	01/24/2002		(NONE)	01/31/2001		SPT7725BM (GEN)	592
5962-9477201HXA	A	01/21/2009		(NONE)			MHP27005 (GEN)	594
5962-9477201HXC	A	01/21/2009		(NONE)			MHP27005 (GEN)	594
5962-9477301QXA		01/26/1995		(NONE)	12/31/2001		54FB2031 (GEN)	429
5962-9477401HXA	A	07/24/2006		(NONE)			MN91254 (GEN)	591
5962-9477401HXC	A	07/24/2006		(NONE)			MN91254 (GEN)	591
5962-9477402HXA	A	07/24/2006		(NONE)			MN91253 (GEN)	591
5962-9477402HXC	A	07/24/2006		(NONE)			MN91253 (GEN)	591
5962-9477501HXA	B	12/10/2013	1	AEROFLEX		Y	CT1990-1-20-001-2	420
5962-9477501HXC	B	12/10/2013	1	AEROFLEX		Y	CT1990-1-20-001-1	420
5962-94A0201MYC	A	09/30/1994		(NONE)			L1A8274 (GEN)	365
5962H94A0301Q*C	D	12/20/2012	1	HONEYWELL (1)		Y	HR2125	365
5962H94A0301V*C	D	12/20/2012	1	HONEYWELL (1)		Y	HR2125	365
5962H94A0302Q*C	D	12/20/2012	1	HONEYWELL (1)		Y	HR2210	365
5962H94A0302V*C	D	12/20/2012	1	HONEYWELL (1)		Y	HR2210	365
5962H94A0303Q*C	D	12/20/2012	1	HONEYWELL (1)		Y	HR2340	365

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5962H94A0303V*C	D	12/20/2012	1	HONEYWELL (1)		Y HR2340		365
5962H94A0304Q*C	D	12/20/2012	1	HONEYWELL (1)		Y HR2010		365
5962H94A0304V*C	D	12/20/2012	1	HONEYWELL (1)		Y HR2010		365
5962H94A0305Q*C	D	12/20/2012	1	HONEYWELL (1)		Y HR2065		365
5962H94A0305V*C	D	12/20/2012	1	HONEYWELL (1)		Y HR2065		365
5962H94A0306Q*C	D	12/20/2012	1	HONEYWELL (1)		Y HR2090		365
5962H94A0306V*C	D	12/20/2012	1	HONEYWELL (1)		Y HR2090		365
5962H94A0901QYC		07/12/1994		(NONE)		22009751-007 (GEN)		421
5962H94A0901VYC		07/12/1994		(NONE)		22009751-007 (GEN)		421
5962-94A1101QXC		06/21/1994		(NONE)		9866-055 (GEN)		421
5962-94A1201MYC	B	12/08/2010		(NONE)		99004 (GEN)		365
5962-94A1401MXA		10/03/1995		(NONE)	02/28/1998	66111 (GEN)		432
5962-94A1501MXA		10/03/1995		(NONE)	02/28/1998	66212 (GEN)		420
5962-94A1601MXA		10/04/1995		(NONE)	02/28/1998	66311 (GEN)		429
5962-94A1701QXC	A	02/07/1995		(NONE)		9862-079 (GEN)		399
5962-94A1801QXA	A	11/14/1994		(NONE)		9862-075 (GEN)		365
5962-94A1901QXA	B	10/10/1996		(NONE)		9862-076 (GEN)		365
5962H94A2001QXC		11/02/1994		(NONE)		22017140-005 (GEN)		599
5962H94A2101QYC		11/16/1994		(NONE)		22017253-008 (GEN)		365
5962-94B0201MTA	B	03/07/1995		(NONE)		5341-035 (GEN)		365
5962-94B0201QTA	B	03/07/1995		(NONE)		5341-035 (GEN)		365
5962-94B0201MUA	B	03/07/1995		(NONE)		5352-037 (GEN)		365
5962-94B0201QUA	B	03/07/1995		(NONE)	12/31/2010	5352-037 (GEN)		365
5962-94B0201QXA	B	03/07/1995		(NONE)		500/700J (GEN)		365
5962-94B0201MYA	B	03/07/1995		(NONE)		5342-031 (GEN)		365
5962-94B0201MYA	B	03/07/1995		(NONE)		6580-502 (GEN)		365
5962-94B0201QYA	B	03/07/1995		(NONE)		5342-031 (GEN)		365
5962-94B0201QYA	B	03/07/1995		(NONE)	12/31/2010	6580-502 (GEN)		365
5962-94B0201MZA	B	03/07/1995		(NONE)		5344-021 (GEN)		365
5962-94B0201QZA	B	03/07/1995		(NONE)		5344-021 (GEN)		365
5962-94B0301M4C		08/31/1994		(NONE)		LCA100 (GEN)		365
5962-94B0301M5C		08/31/1994		(NONE)		LCA100 (GEN)		365
5962-94B0301M6C		08/31/1994		(NONE)		LCA100 (GEN)		365
5962-94B0301M7C		08/31/1994		(NONE)		LCA100 (GEN)		365
5962-94B0301M8C		08/31/1994		(NONE)		LCA100 (GEN)		365
5962-94B0301M9C		08/31/1994		(NONE)		LCA100 (GEN)		365
5962-94B0301MCC		08/31/1994		(NONE)		LCA100 (GEN)		365
5962-94B0301MMC		08/31/1994		(NONE)		LCA100 (GEN)		365
5962-94B0301MNC		08/31/1994		(NONE)		LCA100 (GEN)		365
5962-94B0301MTC		08/31/1994		(NONE)		LCA100 (GEN)		365
5962-94B0301MUC		08/31/1994		(NONE)		LCA100 (GEN)		365
5962-94B0301MXC		08/31/1994		(NONE)		LCA100 (GEN)		365
5962-94B0301MYC		08/31/1994		(NONE)		LCA100 (GEN)		365
5962-94B0301MZC		08/31/1994		(NONE)		LCA100 (GEN)		365
5962-94B0302M4C		08/31/1994		(NONE)		LCB007 (GEN)		365
5962-94B0302M5C		08/31/1994		(NONE)		LCB007 (GEN)		365
5962-94B0302M6C		08/31/1994		(NONE)		LCB007 (GEN)		365
5962-94B0302M7C		08/31/1994		(NONE)		LCB007 (GEN)		365
5962-94B0302M8C		08/31/1994		(NONE)		LCB007 (GEN)		365

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5962-94B0302M9C		08/31/1994		(NONE)			LCB007 (GEN)	365
5962-94B0302MCC		08/31/1994		(NONE)			LCB007 (GEN)	365
5962-94B0302MMC		08/31/1994		(NONE)			LCB007 (GEN)	365
5962-94B0302MNC		08/31/1994		(NONE)			LCB007 (GEN)	365
5962-94B0302MTC		08/31/1994		(NONE)			LCB007 (GEN)	365
5962-94B0302MUC		08/31/1994		(NONE)			LCB007 (GEN)	365
5962-94B0302MXC		08/31/1994		(NONE)			LCB007 (GEN)	365
5962-94B0302MYC		08/31/1994		(NONE)			LCB007 (GEN)	365
5962-94B0302MZC		08/31/1994		(NONE)			LCB007 (GEN)	365
5962-94B0303M4C		08/31/1994		(NONE)			LEA100 (GEN)	365
5962-94B0303M5C		08/31/1994		(NONE)			LEA100 (GEN)	365
5962-94B0303M6C		08/31/1994		(NONE)			LEA100 (GEN)	365
5962-94B0303M7C		08/31/1994		(NONE)			LEA100 (GEN)	365
5962-94B0303M8C		08/31/1994		(NONE)			LEA100 (GEN)	365
5962-94B0303M9C		08/31/1994		(NONE)			LEA100 (GEN)	365
5962-94B0303MCC		08/31/1994		(NONE)			LEA100 (GEN)	365
5962-94B0303MMC		08/31/1994		(NONE)			LEA100 (GEN)	365
5962-94B0303MNC		08/31/1994		(NONE)			LEA100 (GEN)	365
5962-94B0303MTC		08/31/1994		(NONE)			LEA100 (GEN)	365
5962-94B0303MUC		08/31/1994		(NONE)			LEA100 (GEN)	365
5962-94B0303MXC		08/31/1994		(NONE)			LEA100 (GEN)	365
5962-94B0303MYC		08/31/1994		(NONE)			LEA100 (GEN)	365
5962-94B0303MZC		08/31/1994		(NONE)			LEA100 (GEN)	365
5962-94B0406MXA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0407MMA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0407MXA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0408MMA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0408MYA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0409MYA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0410MXA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0410MYA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0411MXA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0411MYA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0411MZA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0412MMA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0412MYA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0412MZA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0413M9C		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0413MMA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0413MNC		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0413MTA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0413MYA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0414M9C		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0414MTA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0414MXA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0414MYA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0414MZA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0415MUC		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0416MTA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367

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5962-94B0416MUC		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0416MXA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0416MYA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0416MZA		10/11/1994		(NONE)	05/20/1997		VGC450 (GEN)	367
5962-94B0422MXA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0423MMA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0423MXA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0424MMA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0424MYA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0425MYA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0426MXA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0426MYA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0427MXA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0427MYA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0427MZA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0428MMA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0428MYA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0428MZA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0429M9C		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0429MMA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0429MNC		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0429MTA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0429MYA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0430M9C		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0430MTA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0430MXA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0430MYA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0430MZA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0431MUC		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0432MTA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0432MUC		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0432MXA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0432MYA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0432MZA		10/11/1994		(NONE)	05/20/1997		VGC453 (GEN)	367
5962-94B0501Q4A	D	12/15/2010		(NONE)			TGC1010 (GEN)	365
5962-94B0501Q5A	D	12/15/2010		(NONE)			TGC1010 (GEN)	365
5962-94B0501Q6A	D	12/15/2010		(NONE)			TGC1010 (GEN)	365
5962-94B0501QMA	D	12/15/2010		(NONE)			TGC1010 (GEN)	365
5962-94B0501QNA	D	12/15/2010		(NONE)			TGC1010 (GEN)	365
5962-94B0501QTA	D	12/15/2010		(NONE)			TGC1010 (GEN)	365
5962-94B0501QUA	D	12/15/2010		(NONE)			TGC1010 (GEN)	365
5962-94B0501QXA	D	12/15/2010		(NONE)			TGC1010 (GEN)	365
5962-94B0501QYA	D	12/15/2010		(NONE)			TGC1010 (GEN)	365
5962-94B0501QZA	D	12/15/2010		(NONE)			TGC1010 (GEN)	365
5962-94B0502Q4A	D	12/15/2010		(NONE)			TGC1016 (GEN)	365
5962-94B0502Q5A	D	12/15/2010		(NONE)			TGC1016 (GEN)	365
5962-94B0502Q6A	D	12/15/2010		(NONE)			TGC1016 (GEN)	365
5962-94B0502QMA	D	12/15/2010		(NONE)			TGC1016 (GEN)	365
5962-94B0502QNA	D	12/15/2010		(NONE)			TGC1016 (GEN)	365

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5962-94B0502QTA	D	12/15/2010		(NONE)		TGC1016 (GEN)		365
5962-94B0502QUA	D	12/15/2010		(NONE)		TGC1016 (GEN)		365
5962-94B0502QXA	D	12/15/2010		(NONE)		TGC1016 (GEN)		365
5962-94B0502QYA	D	12/15/2010		(NONE)		TGC1016 (GEN)		365
5962-94B0502QZA	D	12/15/2010		(NONE)		TGC1016 (GEN)		365
5962-94B0503Q4A	D	12/15/2010		(NONE)		TGC1019 (GEN)		365
5962-94B0503Q5A	D	12/15/2010		(NONE)		TGC1019 (GEN)		365
5962-94B0503Q6A	D	12/15/2010		(NONE)		TGC1019 (GEN)		365
5962-94B0503QMA	D	12/15/2010		(NONE)		TGC1019 (GEN)		365
5962-94B0503QNA	D	12/15/2010		(NONE)		TGC1019 (GEN)		365
5962-94B0503QTA	D	12/15/2010		(NONE)		TGC1019 (GEN)		365
5962-94B0503QUA	D	12/15/2010		(NONE)		TGC1019 (GEN)		365
5962-94B0503QXA	D	12/15/2010		(NONE)		TGC1019 (GEN)		365
5962-94B0503QYA	D	12/15/2010		(NONE)		TGC1019 (GEN)		365
5962-94B0503QZA	D	12/15/2010		(NONE)		TGC1019 (GEN)		365
5962-94B0504Q4A	D	12/15/2010		(NONE)		TGC1030 (GEN)		365
5962-94B0504Q5A	D	12/15/2010		(NONE)		TGC1030 (GEN)		365
5962-94B0504Q6A	D	12/15/2010		(NONE)		TGC1030 (GEN)		365
5962-94B0504QMA	D	12/15/2010		(NONE)		TGC1030 (GEN)		365
5962-94B0504QNA	D	12/15/2010		(NONE)		TGC1030 (GEN)		365
5962-94B0504QTA	D	12/15/2010		(NONE)		TGC1030 (GEN)		365
5962-94B0504QUA	D	12/15/2010		(NONE)		TGC1030 (GEN)		365
5962-94B0504QXA	D	12/15/2010		(NONE)		TGC1030 (GEN)		365
5962-94B0504QYA	D	12/15/2010		(NONE)		TGC1030 (GEN)		365
5962-94B0504QZA	D	12/15/2010		(NONE)		TGC1030 (GEN)		365
5962-94B0505Q4A	D	12/15/2010		(NONE)		TGC1036 (GEN)		365
5962-94B0505Q5A	D	12/15/2010		(NONE)		TGC1036 (GEN)		365
5962-94B0505Q6A	D	12/15/2010		(NONE)		TGC1036 (GEN)		365
5962-94B0505QMA	D	12/15/2010		(NONE)		TGC1036 (GEN)		365
5962-94B0505QNA	D	12/15/2010		(NONE)		TGC1036 (GEN)		365
5962-94B0505QTA	D	12/15/2010		(NONE)		TGC1036 (GEN)		365
5962-94B0505QUA	D	12/15/2010		(NONE)		TGC1036 (GEN)		365
5962-94B0505QXA	D	12/15/2010		(NONE)		TGC1036 (GEN)		365
5962-94B0505QYA	D	12/15/2010		(NONE)		TGC1036 (GEN)		365
5962-94B0505QZA	D	12/15/2010		(NONE)		TGC1036 (GEN)		365
5962-94B0506Q4A	D	12/15/2010		(NONE)		TGC1046 (GEN)		365
5962-94B0506Q5A	D	12/15/2010		(NONE)		TGC1046 (GEN)		365
5962-94B0506Q6A	D	12/15/2010		(NONE)		TGC1046 (GEN)		365
5962-94B0506QMA	D	12/15/2010		(NONE)		TGC1046 (GEN)		365
5962-94B0506QNA	D	12/15/2010		(NONE)		TGC1046 (GEN)		365
5962-94B0506QTA	D	12/15/2010		(NONE)		TGC1046 (GEN)		365
5962-94B0506QUA	D	12/15/2010		(NONE)		TGC1046 (GEN)		365
5962-94B0506QXA	D	12/15/2010		(NONE)		TGC1046 (GEN)		365
5962-94B0506QYA	D	12/15/2010		(NONE)		TGC1046 (GEN)		365
5962-94B0506QZA	D	12/15/2010		(NONE)		TGC1046 (GEN)		365
5962-94B0507Q4A	D	12/15/2010		(NONE)		TGC1053 (GEN)		365
5962-94B0507Q5A	D	12/15/2010		(NONE)		TGC1053 (GEN)		365
5962-94B0507Q6A	D	12/15/2010		(NONE)		TGC1053 (GEN)		365
5962-94B0507QMA	D	12/15/2010		(NONE)		TGC1053 (GEN)		365

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5962-94B0507QNA	D	12/15/2010		(NONE)			TGC1053 (GEN)	365
5962-94B0507QTA	D	12/15/2010		(NONE)			TGC1053 (GEN)	365
5962-94B0507QUA	D	12/15/2010		(NONE)			TGC1053 (GEN)	365
5962-94B0507QXA	D	12/15/2010		(NONE)			TGC1053 (GEN)	365
5962-94B0507QYA	D	12/15/2010		(NONE)			TGC1053 (GEN)	365
5962-94B0507QZA	D	12/15/2010		(NONE)			TGC1053 (GEN)	365
5962-94B0508Q4A	D	12/15/2010		(NONE)			TGC1068 (GEN)	365
5962-94B0508Q5A	D	12/15/2010		(NONE)			TGC1068 (GEN)	365
5962-94B0508Q6A	D	12/15/2010		(NONE)			TGC1068 (GEN)	365
5962-94B0508QMA	D	12/15/2010		(NONE)			TGC1068 (GEN)	365
5962-94B0508QNA	D	12/15/2010		(NONE)			TGC1068 (GEN)	365
5962-94B0508QTA	D	12/15/2010		(NONE)			TGC1068 (GEN)	365
5962-94B0508QUA	D	12/15/2010		(NONE)			TGC1068 (GEN)	365
5962-94B0508QXA	D	12/15/2010		(NONE)			TGC1068 (GEN)	365
5962-94B0508QYA	D	12/15/2010		(NONE)			TGC1068 (GEN)	365
5962-94B0508QZA	D	12/15/2010		(NONE)			TGC1068 (GEN)	365
5962-94B0509Q4A	D	12/15/2010		(NONE)			TGC1086 (GEN)	365
5962-94B0509Q5A	D	12/15/2010	1	TI		Y	TGC1086	365
5962-94B0509Q6A	D	12/15/2010		(NONE)			TGC1086 (GEN)	365
5962-94B0509QMA	D	12/15/2010		(NONE)			TGC1086 (GEN)	365
5962-94B0509QNA	D	12/15/2010		(NONE)			TGC1086 (GEN)	365
5962-94B0509QTA	D	12/15/2010		(NONE)			TGC1086 (GEN)	365
5962-94B0509QUA	D	12/15/2010		(NONE)			TGC1086 (GEN)	365
5962-94B0509QXA	D	12/15/2010		(NONE)			TGC1086 (GEN)	365
5962-94B0509QYA	D	12/15/2010		(NONE)			TGC1086 (GEN)	365
5962-94B0509QZA	D	12/15/2010		(NONE)			TGC1086 (GEN)	365
5962-94B0510Q4A	D	12/15/2010		(NONE)			TGC1113 (GEN)	365
5962-94B0510Q5A	D	12/15/2010		(NONE)			TGC1113 (GEN)	365
5962-94B0510Q6A	D	12/15/2010		(NONE)			TGC1113 (GEN)	365
5962-94B0510QMA	D	12/15/2010		(NONE)			TGC1113 (GEN)	365
5962-94B0510QNA	D	12/15/2010		(NONE)			TGC1113 (GEN)	365
5962-94B0510QTA	D	12/15/2010		(NONE)			TGC1113 (GEN)	365
5962-94B0510QUA	D	12/15/2010		(NONE)			TGC1113 (GEN)	365
5962-94B0510QXA	D	12/15/2010		(NONE)			TGC1113 (GEN)	365
5962-94B0510QYA	D	12/15/2010		(NONE)			TGC1113 (GEN)	365
5962-94B0510QZA	D	12/15/2010		(NONE)			TGC1113 (GEN)	365
5962-94B0511Q4A	D	12/15/2010		(NONE)			TGC1154 (GEN)	365
5962-94B0511Q5A	D	12/15/2010		(NONE)			TGC1154 (GEN)	365
5962-94B0511Q6A	D	12/15/2010		(NONE)			TGC1154 (GEN)	365
5962-94B0511QMA	D	12/15/2010		(NONE)			TGC1154 (GEN)	365
5962-94B0511QNA	D	12/15/2010		(NONE)			TGC1154 (GEN)	365
5962-94B0511QTA	D	12/15/2010		(NONE)			TGC1154 (GEN)	365
5962-94B0511QUA	D	12/15/2010		(NONE)			TGC1154 (GEN)	365
5962-94B0511QXA	D	12/15/2010		(NONE)			TGC1154 (GEN)	365
5962-94B0511QYA	D	12/15/2010		(NONE)			TGC1154 (GEN)	365
5962-94B0511QZA	D	12/15/2010		(NONE)			TGC1154 (GEN)	365
5962-94B0512Q4C	D	12/15/2010		(NONE)			TGC1191 (GEN)	365
5962-94B0512Q5A	D	12/15/2010		(NONE)			TGC1191 (GEN)	365
5962-94B0512Q6A	D	12/15/2010		(NONE)			TGC1191 (GEN)	365



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5962-94B0512QMA	D	12/15/2010		(NONE)		TGC1191 (GEN)		365
5962-94B0512QNA	D	12/15/2010		(NONE)		TGC1191 (GEN)		365
5962-94B0512QTA	D	12/15/2010		(NONE)		TGC1191 (GEN)		365
5962-94B0512QUA	D	12/15/2010		(NONE)		TGC1191 (GEN)		365
5962-94B0512QXA	D	12/15/2010		(NONE)		TGC1191 (GEN)		365
5962-94B0512QYA	D	12/15/2010		(NONE)		TGC1191 (GEN)		365
5962-94B0512QZA	D	12/15/2010		(NONE)		TGC1191 (GEN)		365
5962-94B0513Q4A	D	12/15/2010		(NONE)		TGC1245 (GEN)		365
5962-94B0513Q5A	D	12/15/2010		(NONE)		TGC1245 (GEN)		365
5962-94B0513Q6A	D	12/15/2010		(NONE)		TGC1245 (GEN)		365
5962-94B0513QMA	D	12/15/2010		(NONE)		TGC1245 (GEN)		365
5962-94B0513QNA	D	12/15/2010		(NONE)		TGC1245 (GEN)		365
5962-94B0513QTA	D	12/15/2010		(NONE)		TGC1245 (GEN)		365
5962-94B0513QUA	D	12/15/2010		(NONE)		TGC1245 (GEN)		365
5962-94B0513QXA	D	12/15/2010		(NONE)		TGC1245 (GEN)		365
5962-94B0513QYA	D	12/15/2010		(NONE)		TGC1245 (GEN)		365
5962-94B0513QZA	D	12/15/2010		(NONE)		TGC1245 (GEN)		365
5962-94B0601M4C		09/14/1994		(NONE)		LCA300 (GEN)		365
5962-94B0601M5C		09/14/1994		(NONE)		LCA300 (GEN)		365
5962-94B0601M6C		09/14/1994		(NONE)		LCA300 (GEN)		365
5962-94B0601M7C		09/14/1994		(NONE)		LCA300 (GEN)		365
5962-94B0601M8C		09/14/1994		(NONE)		LCA300 (GEN)		365
5962-94B0601M9C		09/14/1994		(NONE)		LCA300 (GEN)		365
5962-94B0601MCC		09/14/1994		(NONE)		LCA300 (GEN)		365
5962-94B0601MMC		09/14/1994		(NONE)		LCA300 (GEN)		365
5962-94B0601MNC		09/14/1994		(NONE)		LCA300 (GEN)		365
5962-94B0601MTC		09/14/1994		(NONE)		LCA300 (GEN)		365
5962-94B0601MUC		09/14/1994		(NONE)		LCA300 (GEN)		365
5962-94B0601MXC		09/14/1994		(NONE)		LCA300 (GEN)		365
5962-94B0601MYC		09/14/1994		(NONE)		LCA300 (GEN)		365
5962-94B0601MZC		09/14/1994		(NONE)		LCA300 (GEN)		365
5962-94B0602M4C		09/14/1994		(NONE)		LCA310 (GEN)		365
5962-94B0602M5C		09/14/1994		(NONE)		LCA310 (GEN)		365
5962-94B0602M6C		09/14/1994		(NONE)		LCA310 (GEN)		365
5962-94B0602M7C		09/14/1994		(NONE)		LCA310 (GEN)		365
5962-94B0602M8C		09/14/1994		(NONE)		LCA310 (GEN)		365
5962-94B0602M9C		09/14/1994		(NONE)		LCA310 (GEN)		365
5962-94B0602MCC		09/14/1994		(NONE)		LCA310 (GEN)		365
5962-94B0602MMC		09/14/1994		(NONE)		LCA310 (GEN)		365
5962-94B0602MNC		09/14/1994		(NONE)		LCA310 (GEN)		365
5962-94B0602MTC		09/14/1994		(NONE)		LCA310 (GEN)		365
5962-94B0602MUC		09/14/1994		(NONE)		LCA310 (GEN)		365
5962-94B0602MXC		09/14/1994		(NONE)		LCA310 (GEN)		365
5962-94B0602MYC		09/14/1994		(NONE)		LCA310 (GEN)		365
5962-94B0602MZC		09/14/1994		(NONE)		LCA310 (GEN)		365
5962-94B0603M4C		09/14/1994		(NONE)		LCB300 (GEN)		365
5962-94B0603M5C		09/14/1994		(NONE)		LCB300 (GEN)		365
5962-94B0603M6C		09/14/1994		(NONE)		LCB300 (GEN)		365
5962-94B0603M7C		09/14/1994		(NONE)		LCB300 (GEN)		365

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5962-94B0603M8C		09/14/1994		(NONE)		LCB300 (GEN)		365
5962-94B0603M9C		09/14/1994		(NONE)		LCB300 (GEN)		365
5962-94B0603MCC		09/14/1994		(NONE)		LCB300 (GEN)		365
5962-94B0603MMC		09/14/1994		(NONE)		LCB300 (GEN)		365
5962-94B0603MNC		09/14/1994		(NONE)		LCB300 (GEN)		365
5962-94B0603MTC		09/14/1994		(NONE)		LCB300 (GEN)		365
5962-94B0603MUC		09/14/1994		(NONE)		LCB300 (GEN)		365
5962-94B0603MXC		09/14/1994		(NONE)		LCB300 (GEN)		365
5962-94B0603MYC		09/14/1994		(NONE)		LCB300 (GEN)		365
5962-94B0603MZC		09/14/1994		(NONE)		LCB300 (GEN)		365
5962-94B0604M4C		09/14/1994		(NONE)		LCB310 (GEN)		365
5962-94B0604M5C		09/14/1994		(NONE)		LCB310 (GEN)		365
5962-94B0604M6C		09/14/1994		(NONE)		LCB310 (GEN)		365
5962-94B0604M7C		09/14/1994		(NONE)		LCB310 (GEN)		365
5962-94B0604M8C		09/14/1994		(NONE)		LCB310 (GEN)		365
5962-94B0604M9C		09/14/1994		(NONE)		LCB310 (GEN)		365
5962-94B0604MCC		09/14/1994		(NONE)		LCB310 (GEN)		365
5962-94B0604MMC		09/14/1994		(NONE)		LCB310 (GEN)		365
5962-94B0604MNC		09/14/1994		(NONE)		LCB310 (GEN)		365
5962-94B0604MTC		09/14/1994		(NONE)		LCB310 (GEN)		365
5962-94B0604MUC		09/14/1994		(NONE)		LCB310 (GEN)		365
5962-94B0604MXC		09/14/1994		(NONE)		LCB310 (GEN)		365
5962-94B0604MYC		09/14/1994		(NONE)		LCB310 (GEN)		365
5962-94B0604MZC		09/14/1994		(NONE)		LCB310 (GEN)		365
5962-94B0605M4C		09/14/1994		(NONE)		LEA300 (GEN)		365
5962-94B0605M5C		09/14/1994		(NONE)		LEA300 (GEN)		365
5962-94B0605M6C		09/14/1994		(NONE)		LEA300 (GEN)		365
5962-94B0605M7C		09/14/1994		(NONE)		LEA300 (GEN)		365
5962-94B0605M8C		09/14/1994		(NONE)		LEA300 (GEN)		365
5962-94B0605M9C		09/14/1994		(NONE)		LEA300 (GEN)		365
5962-94B0605MCC		09/14/1994		(NONE)		LEA300 (GEN)		365
5962-94B0605MMC		09/14/1994		(NONE)		LEA300 (GEN)		365
5962-94B0605MNC		09/14/1994		(NONE)		LEA300 (GEN)		365
5962-94B0605MTC		09/14/1994		(NONE)		LEA300 (GEN)		365
5962-94B0605MUC		09/14/1994		(NONE)		LEA300 (GEN)		365
5962-94B0605MXC		09/14/1994		(NONE)		LEA300 (GEN)		365
5962-94B0605MYC		09/14/1994		(NONE)		LEA300 (GEN)		365
5962-94B0605MZC		09/14/1994		(NONE)		LEA300 (GEN)		365
5962-94B0606M4C		09/14/1994		(NONE)		LEA310 (GEN)		365
5962-94B0606M5C		09/14/1994		(NONE)		LEA310 (GEN)		365
5962-94B0606M6C		09/14/1994		(NONE)		LEA310 (GEN)		365
5962-94B0606M7C		09/14/1994		(NONE)		LEA310 (GEN)		365
5962-94B0606M8C		09/14/1994		(NONE)		LEA310 (GEN)		365
5962-94B0606M9C		09/14/1994		(NONE)		LEA310 (GEN)		365
5962-94B0606MCC		09/14/1994		(NONE)		LEA310 (GEN)		365
5962-94B0606MMC		09/14/1994		(NONE)		LEA310 (GEN)		365
5962-94B0606MNC		09/14/1994		(NONE)		LEA310 (GEN)		365
5962-94B0606MTC		09/14/1994		(NONE)		LEA310 (GEN)		365
5962-94B0606MUC		09/14/1994		(NONE)		LEA310 (GEN)		365

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5962-94B0606MXC		09/14/1994		(NONE)			LEA310 (GEN)	365
5962-94B0606MYC		09/14/1994		(NONE)			LEA310 (GEN)	365
5962-94B0606MZC		09/14/1994		(NONE)			LEA310 (GEN)	365
5962-9550101HUA	C	04/09/2013	1C	INTER. RECT.2		Y	AFL27005DW/CH	594
5962-9550101HUC	C	04/09/2013	1C	INTER. RECT.2		Y	AFL27005DW/CH	594
5962-9550101HXA	C	04/09/2013	1C	INTER. RECT.2		Y	AFL27005DX/CH	594
5962-9550101HXC	C	04/09/2013	1C	INTER. RECT.2		Y	AFL27005DX/CH	594
5962-9550101HYA	C	04/09/2013	1C	INTER. RECT.2		Y	AFL27005DY/CH	594
5962-9550101HYC	C	04/09/2013	1C	INTER. RECT.2		Y	AFL27005DY/CH	594
5962-9550101HZA	C	04/09/2013	1C	INTER. RECT.2		Y	AFL27005DZ/CH	594
5962-9550101HZA	C	04/09/2013	1C	INTER. RECT.2		Y	AFL27005DZ/CH	594
5962-9550201HUA	C	04/09/2013	1C	INTER. RECT.2		Y	AFL27018.2DW/CH	594
5962-9550201HUC	C	04/09/2013	1C	INTER. RECT.2		Y	AFL27018.2DW/CH	594
5962-9550201HXA	C	04/09/2013	1C	INTER. RECT.2		Y	AFL27018.2DX/CH	594
5962-9550201HXC	C	04/09/2013	1C	INTER. RECT.2		Y	AFL27018.2DX/CH	594
5962-9550201HYA	C	04/09/2013	1C	INTER. RECT.2		Y	AFL27018.2DY/CH	594
5962-9550201HYC	C	04/09/2013	1C	INTER. RECT.2		Y	AFL27018.2DY/CH	594
5962-9550201HZA	C	04/09/2013	1C	INTER. RECT.2		Y	AFL27018.2DZ/CH	594
5962-9550201HZA	C	04/09/2013	1C	INTER. RECT.2		Y	AFL27018.2DZ/CH	594
5962-9550301QPA	E	02/21/2012		(NONE)	05/19/2011		LM6142 (GEN)	702
5962-9550401Q2A	E	01/28/2014		(NONE)	11/28/2015		TLV2262M (GEN)	710
5962-9550401QHA	E	01/28/2014		(NONE)	11/28/2015		TLV2262M (GEN)	710
5962-9550401QPA	E	01/28/2014	3	TI		Y	TLV2262MJGB	710
5962-9550402Q2A	E	01/28/2014		(NONE)	11/28/2015		TLV2264M (GEN)	710
5962-9550402QCA	E	01/28/2014		(NONE)	11/28/2015		TLV2264M (GEN)	710
5962-9550402QDA	E	01/28/2014		(NONE)	11/28/2015		TLV2264M (GEN)	710
5962-9550403Q2A	E	01/28/2014		(NONE)	11/28/2015		TLV2262AM (GEN)	710
5962-9550403QHA	E	01/28/2014	3	TI		Y	TLV2262AMUB	710
5962-9550403QPA	E	01/28/2014	3	TI		Y	TLV2262AMJGB	710
5962-9550404Q2A	E	01/28/2014		(NONE)	11/28/2015		TLV2264AM (GEN)	710
5962-9550404QCA	E	01/28/2014	3	TI		Y	TLV2264AMJB	710
5962-9550404QDA	E	01/28/2014	3	TI		Y	TLV2264AMWB	710
5962-9550501HXA	C	08/08/2005		(NONE)			ARX4810 (GEN)	590
5962-9550501HYA	C	08/08/2005		(NONE)			ARX4810 (GEN)	590
5962-9550601MXA	C	04/17/2017		(NONE)	10/29/2001		72240L50 (GEN)	670
5962-9550602MXA	C	04/17/2017		(NONE)	10/29/2001		72240L35 (GEN)	670
5962-9550603MXA	C	04/17/2017		(NONE)	10/29/2001		72240L25 (GEN)	670
5962-9550801MXC	C	05/20/2016	2	MICROSEMI (2)			A1460A-PG207B	381
5962-9550801MYC	C	05/20/2016	2	MICROSEMI (2)			A1460A-CQ196B	381
5962-9550802MXC	C	05/20/2016	2	MICROSEMI (2)			A1460A-1PG207B	381
5962-9550802MYC	C	05/20/2016	2	MICROSEMI (2)			A1460A-1CQ196B	381
5962-9551201QRA	A	01/20/2010		(NONE)			DAC0854C (GEN)	591
5962-9551301QEA	A	02/01/2010		(NONE)	12/08/1998		ADC0851 (GEN)	433
5962-9551302QRA	A	02/01/2010		(NONE)	12/08/1998		ADC0858 (GEN)	433
5962-9551401QRA	A	02/18/2010		(NONE)			ADC08061 (GEN)	592
5962-9551801MXC	D	03/14/2014	2	E2V SEMI.		Y	TS68C429AMRBCA	590
5962-9551801MYA	D	03/14/2014	2	E2V SEMI.		Y	TS68C429AMF1BCA	590
5962-9551801MYC	D	03/14/2014	2	E2V SEMI.		Y	TS68C429AMFBCA	590
5962-9551901MLA	A	10/08/2009		(NONE)			AD671S-500 (GEN)	592

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5962-9551902MLA	A	10/08/2009		(NONE)			AD671S-750 (GEN)	592
5962-9552001MXC	D	08/14/2017		(NONE)	04/01/2002		1425A (GEN)	431
5962-9552001MYC	D	08/14/2017		(NONE)	08/03/2015		1425A (GEN)	431
5962-9552002MXC	D	08/14/2017		(NONE)	04/01/2002		1425A-1 (GEN)	431
5962-9552002MYC	D	08/14/2017		(NONE)	08/03/2015		1425A-1 (GEN)	431
5962-9552101MXC	D	07/18/2018	2	MICROSEMI (2)		Y	A14100A-PG257B	381
5962-9552101MYC	D	07/18/2018	2	MICROSEMI (2)		Y	A14100A-CQ256B	381
5962-9552102MXC	D	07/18/2018	2	MICROSEMI (2)		Y	A14100A-1PG257B	381
5962-9552102MYC	D	07/18/2018	2	MICROSEMI (2)		Y	A14100A-1CQ256B	381
5962-9552501MRA	A	02/21/2013		(NONE)	05/31/2000		9241Y (GEN)	839
5962-9552502MRA	A	02/21/2013		(NONE)	05/31/2000		9241W (GEN)	839
5962-9552503MRA	A	02/21/2013		(NONE)	05/31/2000		9241U (GEN)	839
5962-9552504MRA	A	02/21/2013		(NONE)	05/31/2000		9241M (GEN)	839
5962-9552701QJA	A	10/14/2009		(NONE)	06/30/2000		2701 (GEN)	790
5962-9552901MGA	A	03/29/2004		(NONE)	12/03/2008		LM725 (GEN)	754
5962-9553001MEA	A	11/16/2009		(NONE)	03/31/1998		MPD8032 (GEN)	589
5962-9553002MEA	A	11/16/2009		(NONE)	03/31/1998		MPD8032 (GEN)	589
5962-9553201HUA	C	06/18/2013	1C	INTER. RECT.2		Y	AFL27015DW/CH	594
5962-9553201HUC	C	06/18/2013	1C	INTER. RECT.2		Y	AFL27015DW/CH	594
5962-9553201HXA	C	06/18/2013	1C	INTER. RECT.2		Y	AFL27015DX/CH	594
5962-9553201HXC	C	06/18/2013	1C	INTER. RECT.2		Y	AFL27015DX/CH	594
5962-9553201HYA	C	06/18/2013	1C	INTER. RECT.2		Y	AFL27015DY/CH	594
5962-9553201HYC	C	06/18/2013	1C	INTER. RECT.2		Y	AFL27015DY/CH	594
5962-9553201HZA	C	06/18/2013	1C	INTER. RECT.2		Y	AFL27015DZ/CH	594
5962-9553201HZC	C	06/18/2013	1C	INTER. RECT.2		Y	AFL27015DZ/CH	594
5962-9553401HUA	B	06/18/2013	1	INTER. RECT.2		Y	AFL27006SW/CH	594
5962-9553401HUC	B	06/18/2013	1	INTER. RECT.2		Y	AFL27006SW/CH	594
5962-9553401HXA	B	06/18/2013	1	INTER. RECT.2		Y	AFL27006SX/CH	594
5962-9553401HXC	B	06/18/2013	1	INTER. RECT.2		Y	AFL27006SX/CH	594
5962-9553401HYA	B	06/18/2013	1	INTER. RECT.2		Y	AFL27006SY/CH	594
5962-9553401HYC	B	06/18/2013	1	INTER. RECT.2		Y	AFL27006SY/CH	594
5962-9553401HZA	B	06/18/2013	1	INTER. RECT.2		Y	AFL27006SZ/CH	594
5962-9553401HZC	B	06/18/2013	1	INTER. RECT.2		Y	AFL27006SZ/CH	594
5962-9553501HUA	B	06/18/2013	1	INTER. RECT.2		Y	AFL27009SW/CH	594
5962-9553501HUC	B	06/18/2013	1	INTER. RECT.2		Y	AFL27009SW/CH	594
5962-9553501HXA	B	06/18/2013	1	INTER. RECT.2		Y	AFL27009SX/CH	594
5962-9553501HXC	B	06/18/2013	1	INTER. RECT.2		Y	AFL27009SX/CH	594
5962-9553501HYA	B	06/18/2013	1	INTER. RECT.2		Y	AFL27009SY/CH	594
5962-9553501HYC	B	06/18/2013	1	INTER. RECT.2		Y	AFL27009SY/CH	594
5962-9553501HZA	B	06/18/2013	1	INTER. RECT.2		Y	AFL27009SZ/CH	594
5962-9553501HZC	B	06/18/2013	1	INTER. RECT.2		Y	AFL27009SZ/CH	594
5962-9553601QHA	J	12/14/2015		(NONE)			LM7171A (GEN)	701
5962-9553601VHA	J	12/14/2015		(NONE)			LM7171A (GEN)	701
5962F9553601VHA	J	12/14/2015	2	TI		Y	LM7171AMWFQMLV	701
5962-9553601QPA	J	12/14/2015	2	TI		Y	LM7171AMJ-QML	701
5962-9553601VPA	J	12/14/2015		(NONE)	12/03/2008		LM7171A (GEN)	701
5962F9553601QPA	J	12/14/2015		(NONE)	12/03/2008		LM7171A (GEN)	701
5962F9553601VPA	J	12/14/2015	2	TI		Y	LM7171AMJFQMLV	701
5962-9553601QXA	J	12/14/2015	2	TI		Y	LM7171AMWG-QML	701

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5962-9553601VXA	J	12/14/2015		(NONE)	12/03/2008		LM7171A (GEN)	701
5962F9553601QXA	J	12/14/2015		(NONE)	12/03/2008		LM7171A (GEN)	701
5962F9553601VXA	J	12/14/2015	2	TI		Y	LM7171AMWGFQMLV	701
5962F9553602VHA	J	12/14/2015	2	TI		Y	LM7171AMWFLQMLV	701
5962F9553602VXA	J	12/14/2015	2	TI		Y	LM7171AMWGFLQMLV	701
5962-9553701Q2A	C	11/16/2015		(NONE)	11/28/2015		54AS175B (GEN)	159
5962-9553701QEA	C	11/16/2015	2	TI		Y	SNJ54AS175BJ	159
5962-9553701QFA	C	11/16/2015		(NONE)			54AS175B (GEN)	159
5962-9553801HXA		12/09/1996		(NONE)			128K32-150 (GEN)	661
5962-9553801HYA		12/09/1996		(NONE)			128K32-150 (GEN)	661
5962-9553802HXA		12/09/1996		(NONE)			128K32-120 (GEN)	661
5962-9553802HYA		12/09/1996		(NONE)			128K32-120 (GEN)	661
5962-9553901HXC	B	12/10/2013	1	API		Y	RTM1760-SM	590
5962-9553901HYC	B	12/10/2013	1	API		Y	RTM1760-PGA	590
5962-9553902HXC	B	12/10/2013	1	API		Y	RTS1760-SM	590
5962-9553902HYC	B	12/10/2013	1	API		Y	RTS1760-PGA	590
5962-9554001QXA		01/26/1995		(NONE)	06/09/1998		DS3884 (GEN)	429
5962-9554101QXA		01/06/1995		(NONE)			DS3885 (GEN)	429
5962-9554201QXA		01/06/1995		(NONE)	06/09/1998		DS3886 (GEN)	429
5962-9554301QXA		03/15/1995		(NONE)			DS3875 (GEN)	420
5962-9554401MJC	A	12/23/2009		(NONE)			UC1620 (GEN)	899
5962-9554701QEA	B	07/01/2009		(NONE)			LP2956 (GEN)	780
5962-9554901NXD	C	12/12/2013	1	TI		Y	TLC372MDQ	779
5962-9555001NXD	B	08/15/2016	2	TI		Y	TLC139MDQ	776
5962-9555101QPA	D	09/08/2016	1	TI		Y	TLC193MJGB	779
5962-9555101NXD	D	09/08/2016		TI		Y	TLC193MDQ	779
5962-9555201Q2A	E	05/27/2014	3	TI		Y	TLC2272MFKB	710
5962-9555201QHA	E	05/27/2014	3	TI		Y	TLC2272MUB	710
5962-9555201QPA	E	05/27/2014	3	TI		Y	TLC2272MJGB	710
5962-9555201NXD	E	05/27/2014	3	TI		Y	TLC2272MDQ	710
5962-9555202Q2A	E	05/27/2014	3	TI		Y	TLC2272AMFKB	710
5962-9555202QHA	E	05/27/2014	3	TI		Y	TLC2272AMUB	710
5962-9555202QPA	E	05/27/2014	3	TI		Y	TLC2272AMJGB	710
5962-9555301NXD	B	09/03/2013		TI		Y	TLC27L7MDQ	710
5962-9555401NXD	B	09/05/2013		TI		Y	TLC27L9MDQ	713
5962-9555601Q2A	A	09/21/2009		(NONE)	06/30/2000		TLE2425 (GEN)	785
5962-9555601QPA	A	09/21/2009		(NONE)	06/30/2000		TLE2425 (GEN)	785
5962-9555602Q2A	A	09/21/2009		(NONE)	06/30/2000		TLE2426 (GEN)	785
5962-9555602QPA	A	09/21/2009		(NONE)	06/30/2000		TLE2426 (GEN)	785
5962-9555701QXC	C	11/01/2017		(NONE)			7C375-66 (GEN)	431
5962-9555701QYC	C	11/01/2017		(NONE)			7C375-66 (GEN)	431
5962-9555701QZC	C	11/01/2017		(NONE)			7C375-66 (GEN)	431
5962-9555702QXC	C	11/01/2017		(NONE)			7C375-83 (GEN)	431
5962-9555702QYC	C	11/01/2017		(NONE)			7C375-83 (GEN)	431
5962-9555702QZC	C	11/01/2017		(NONE)			7C375-83 (GEN)	431
5962-9555801HXA	A	01/16/2007		(NONE)			NHI-1582 (GEN)	399
5962-9555801HYA	A	01/16/2007		(NONE)			NHI-1582 (GEN)	399
5962-9555802HXA	A	01/16/2007		(NONE)			NHI-1583 (GEN)	399
5962-9555802HYA	A	01/16/2007		(NONE)			NHI-1583 (GEN)	399

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5962-9555803HXA	A	01/16/2007		(NONE)			NHI-1598 (GEN)	399
5962-9555803HYA	A	01/16/2007		(NONE)			NHI-1598 (GEN)	399
5962-9555804HXA	A	01/16/2007		(NONE)			NHI-1599 (GEN)	399
5962-9555804HYA	A	01/16/2007		(NONE)			NHI-1599 (GEN)	399
5962-9555805HXA	A	01/16/2007		(NONE)			NHI-15103 (GEN)	399
5962-9555805HYA	A	01/16/2007		(NONE)			NHI-15103 (GEN)	399
5962-9555806HXA	A	01/16/2007		(NONE)			NHI-15104 (GEN)	399
5962-9555806HYA	A	01/16/2007		(NONE)			NHI-15104 (GEN)	399
5962-9555901HXA	H	01/23/2018	3B	CRANE		Y	MHF+2805D/883	594
5962-9555901HXC	H	01/23/2018	3B	CRANE		Y	MHF+2805D/883	594
5962-9555901HZA	H	01/23/2018	3B	CRANE		Y	MHF+2805DF/883	594
5962-9555901HZC	H	01/23/2018	3B	CRANE		Y	MHF+2805DF/883	594
5962-9555902HXA	H	01/23/2018		(NONE)			SMHF2805 (GEN)	594
5962L9555902HXA	H	01/23/2018	1C	CRANE		Y	SMHF2805D/HL	594
5962L9555902HXC	H	01/23/2018	1C	CRANE		Y	SMHF2805D/HL	594
5962L9555902KXA	H	01/23/2018	1C	CRANE		Y	SMHF2805D/KL	594
5962L9555902KXC	H	01/23/2018	1C	CRANE		Y	SMHF2805D/KL	594
5962P9555902HXA	H	01/23/2018	1C	CRANE		Y	SMHF2805D/HP	594
5962P9555902HXC	H	01/23/2018	1C	CRANE		Y	SMHF2805D/HP	594
5962P9555902KXA	H	01/23/2018	1C	CRANE		Y	SMHF2805D/KP	594
5962P9555902KXC	H	01/23/2018	1C	CRANE		Y	SMHF2805D/KP	594
5962R9555902HXA	H	01/23/2018	1C	CRANE		Y	SMHF2805D/HR	594
5962R9555902HXC	H	01/23/2018	1C	CRANE		Y	SMHF2805D/HR	594
5962R9555902KXA	H	01/23/2018	1C	CRANE		Y	SMHF2805D/KR	594
5962R9555902KXC	H	01/23/2018	1C	CRANE		Y	SMHF2805D/KR	594
5962-9555902HZA	H	01/23/2018		(NONE)			SMHF2805 (GEN)	594
5962L9555902HZA	H	01/23/2018	1C	CRANE		Y	SMHF2805DF/HL	594
5962L9555902HZC	H	01/23/2018	1C	CRANE		Y	SMHF2805DF/HL	594
5962L9555902KZA	H	01/23/2018	1C	CRANE		Y	SMHF2805DF/KL	594
5962L9555902KZC	H	01/23/2018	1C	CRANE		Y	SMHF2805DF/KL	594
5962P9555902HZA	H	01/23/2018	1C	CRANE		Y	SMHF2805DF/HP	594
5962P9555902HZC	H	01/23/2018	1C	CRANE		Y	SMHF2805DF/HP	594
5962P9555902KZA	H	01/23/2018	1C	CRANE		Y	SMHF2805DF/KP	594
5962P9555902KZC	H	01/23/2018	1C	CRANE		Y	SMHF2805DF/KP	594
5962R9555902HZA	H	01/23/2018	1C	CRANE		Y	SMHF2805DF/HR	594
5962R9555902HZC	H	01/23/2018	1C	CRANE		Y	SMHF2805DF/HR	594
5962R9555902KZA	H	01/23/2018	1C	CRANE		Y	SMHF2805DF/KR	594
5962R9555902KZC	H	01/23/2018	1C	CRANE		Y	SMHF2805DF/KR	594
5962-9556001HXA	A	05/01/2009		(NONE)			MHP27012S (GEN)	594
5962-9556001HXC	A	05/01/2009		(NONE)			MHP27012S (GEN)	594
5962-9556101HXA	A	05/01/2009		(NONE)			MHP27015S (GEN)	594
5962-9556101HXC	A	05/01/2009		(NONE)			MHP27015S (GEN)	594
5962-9556201HXA	A	06/10/2009		(NONE)			MHP27028S (GEN)	594
5962-9556201HXC	A	06/10/2009		(NONE)			MHP27028S (GEN)	594
5962-9556301HXA	A	06/10/2009		(NONE)			MHP27012D (GEN)	594
5962-9556301HXC	A	06/10/2009		(NONE)			MHP27012D (GEN)	594
5962-9556401HXA	A	07/01/2009		(NONE)			MHP27015D (GEN)	594
5962-9556401HXC	A	07/01/2009		(NONE)			MHP27015D (GEN)	594
5962-9556501HUA	C	06/18/2013	1	INTER. RECT.2		Y	AFL27028SW/CH	594



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5962-9556501HUC	C	06/18/2013	1	INTER. RECT.2		Y AFL27028SW/CH		594
5962-9556501HXA	C	06/18/2013	1	INTER. RECT.2		Y AFL27028SX/CH		594
5962-9556501HXC	C	06/18/2013	1	INTER. RECT.2		Y AFL27028SX/CH		594
5962-9556501HYA	C	06/18/2013	1	INTER. RECT.2		Y AFL27028SY/CH		594
5962-9556501HYC	C	06/18/2013	1	INTER. RECT.2		Y AFL27028SY/CH		594
5962-9556501HZA	C	06/18/2013	1	INTER. RECT.2		Y AFL27028SZ/CH		594
5962-9556501HZC	C	06/18/2013	1	INTER. RECT.2		Y AFL27028SZ/CH		594
5962-9556701M2A	B	09/21/2009		(NONE)	10/15/2003	BUF04 (GEN)		711
5962-9556701MPA	B	09/21/2009		(NONE)	10/15/2003	BUF04 (GEN)		711
5962-9556901QYA		03/31/1995		(NONE)	12/24/1997	80960MX (GEN)		404
5962-9557001QXA	B	10/02/1995		(NONE)	12/24/1997	80386EX (GEN)		404
5962-9557001QYA	B	10/02/1995		(NONE)	12/24/1997	80386EX (GEN)		404
5962-9557002NXA	B	10/02/1995		(NONE)	12/24/1997	80386EX (GEN)		404
5962-9557002NYA	B	10/02/1995		(NONE)	12/24/1997	80386EX (GEN)		404
5962-9557401QCA	B	01/04/2016	1	TI		Y SNJ5432J		125
5962-9557401QDA	B	01/04/2016	1	TI		Y SNJ5432W		125
5962-9557501QEA	C	06/22/2016	1	TI		Y SNJ5476J		156
5962-9557501QFA	C	06/22/2016	1	TI		Y SNJ5476W		156
5962-9557601NXD	A	05/22/1996		(NONE)		54ABTH32501 (GEN)		590
5962-9557701NXD	C	12/17/2008	2	TI		Y 54ABTH32245PZ		590
5962-9557801NXD	C	04/27/2015	1	TI		Y 54ABTH32543PZ		590
5962-9557901MLA	A	12/03/2001		(NONE)		AD668 (GEN)		591
5962-9558001QJA	C	07/05/2016	1	TI	09/26/2018	Y SNJ54150J		270
5962-9558001QKA	C	07/05/2016	1	TI	09/26/2018	Y SNJ54150W		270
5962-9558101QJA	C	07/26/2016	1	LANSDALE		Y SL54154/BJA		280
5962-9558101QJA	C	07/26/2016	1	TI	09/26/2018	Y SNJ54154J		280
5962-9558101QKA	C	07/26/2016	1	LANSDALE		Y SL54154/BKA		280
5962-9558101QKA	C	07/26/2016	1	TI	09/26/2018	Y SNJ54154W		280
5962-9558201QEA	C	10/20/2016	1	LANSDALE		Y SL54155/BEA		283
5962-9558201QFA	C	10/20/2016	1	LANSDALE		Y SL54155/BFA		283
5962-9558301QEA	C	01/13/2015	1	TI		Y SNJ54166J		224
5962-9558301QFA	C	01/13/2015	1	TI		Y SNJ54166W		224
5962-9558401QEA	D	01/13/2015		LANSDALE		Y SL54192/BEA		301
5962-9558401QEA	D	01/13/2015	1	TI		Y SNJ54192J		301
5962-9558401QFA	D	01/13/2015		LANSDALE		Y SL54192/BFA		301
5962-9558401QFA	D	01/13/2015	1	TI		Y SNJ54192W		301
5962-9558501QEA	B	07/26/2016		(NONE)	12/02/2003	DM9328 (GEN)		230
5962-9558601M2A	C	06/08/2016	2	TI		Y UC1851L/883BC		787
5962-9558601MVA	C	06/08/2016		(NONE)	12/31/2001	UC1851 (GEN)		787
5962-9558701MXC	C	08/22/2017	2	E2V		1048C-50LG/883		431
5962-9558801MXC	C	06/14/2017		(NONE)	10/08/2010	PLSI1048 (GEN)		431
5962-9559001QXA	C	02/26/2015		(NONE)	11/28/2015	54ABT16640 (GEN)		590
5962-9559201MEA	C	01/24/2019	1	ANALOG (2)		Y AD677TD/883B		592
5962-9559301QXA	A	12/11/2009		(NONE)		ADC12062 (GEN)		592
5962-9559501H9A	P	10/25/2016	1	MERCURY		Y WS128K32-120G1UQ		629
5962-9559501H9C	P	10/25/2016	1	MERCURY		Y WS128K32-120G1UQ		629
5962-9559501HBA	P	10/25/2016	1	MERCURY		Y WS128K32-120G1TQ		629
5962-9559501HBC	P	10/25/2016	1	MERCURY		Y WS128K32-120G1TQ		629
5962-9559501HMA	P	10/25/2016	1	MERCURY		Y WS128K32-120G2Q		629

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5962-9559501HMC	P	10/25/2016	1	MERCURY		Y WS128K32-120G2Q		629
5962-9559501HNA	P	10/25/2016	1	MERCURY		Y WS128K32-120G2UQ		629
5962-9559501HNC	P	10/25/2016	1	MERCURY		Y WS128K32-120G2UQ		629
5962-9559501HXA	P	10/25/2016	1	MERCURY		Y WS128K32-120G4Q		629
5962-9559501HXC	P	10/25/2016	1	MERCURY		Y WS128K32-120G4Q		629
5962-9559501HYA	P	10/25/2016	1	MERCURY		Y WS128K32-120G4TQ		629
5962-9559501HYC	P	10/25/2016	1	MERCURY		Y WS128K32-120G4TQ		629
5962-9559502H9A	P	10/25/2016	1	MERCURY		Y WS128K32-100G1UQ		629
5962-9559502H9C	P	10/25/2016	1	MERCURY		Y WS128K32-100G1UQ		629
5962-9559502HBA	P	10/25/2016	1	MERCURY		Y WS128K32-100G1TQ		629
5962-9559502HBC	P	10/25/2016	1	MERCURY		Y WS128K32-100G1TQ		629
5962-9559502HMA	P	10/25/2016	1	MERCURY		Y WS128K32-100G2Q		629
5962-9559502HMC	P	10/25/2016	1	MERCURY		Y WS128K32-100G2Q		629
5962-9559502HNA	P	10/25/2016	1	MERCURY		Y WS128K32-100G2UQ		629
5962-9559502HNC	P	10/25/2016	1	MERCURY		Y WS128K32-100G2UQ		629
5962-9559502HXA	P	10/25/2016	1	MERCURY		Y WS128K32-100G4Q		629
5962-9559502HXC	P	10/25/2016	1	MERCURY		Y WS128K32-100G4Q		629
5962-9559502HYA	P	10/25/2016	1	MERCURY		Y WS128K32-100G4TQ		629
5962-9559502HYC	P	10/25/2016	1	MERCURY		Y WS128K32-100G4TQ		629
5962-9559503H9A	P	10/25/2016	1	MERCURY		Y WS128K32-85G1UQ		629
5962-9559503H9C	P	10/25/2016	1	MERCURY		Y WS128K32-85G1UQ		629
5962-9559503HBA	P	10/25/2016	1	MERCURY		Y WS128K32-85G1TQ		629
5962-9559503HBC	P	10/25/2016	1	MERCURY		Y WS128K32-85G1TQ		629
5962-9559503HMA	P	10/25/2016	1	MERCURY		Y WS128K32-85G2Q		629
5962-9559503HMC	P	10/25/2016	1	MERCURY		Y WS128K32-85G2Q		629
5962-9559503HNA	P	10/25/2016	1	MERCURY		Y WS128K32-85G2UQ		629
5962-9559503HNC	P	10/25/2016	1	MERCURY		Y WS128K32-85G2UQ		629
5962-9559503HXA	P	10/25/2016	1	MERCURY		Y WS128K32-85G4Q		629
5962-9559503HXC	P	10/25/2016	1	MERCURY		Y WS128K32-85G4Q		629
5962-9559503HYA	P	10/25/2016	1	MERCURY		Y WS128K32-85G4TQ		629
5962-9559503HYC	P	10/25/2016	1	MERCURY		Y WS128K32-85G4TQ		629
5962-9559504H9A	P	10/25/2016	1	MERCURY		Y WS128K32-70G1UQ		629
5962-9559504H9C	P	10/25/2016	1	MERCURY		Y WS128K32-70G1UQ		629
5962-9559504HBA	P	10/25/2016	1	MERCURY		Y WS128K32-70G1TQ		629
5962-9559504HBC	P	10/25/2016	1	MERCURY		Y WS128K32-70G1TQ		629
5962-9559504HMA	P	10/25/2016	1	MERCURY		Y WS128K32-70G2Q		629
5962-9559504HMC	P	10/25/2016	1	MERCURY		Y WS128K32-70G2Q		629
5962-9559504HNA	P	10/25/2016	1	MERCURY		Y WS128K32-70G2UQ		629
5962-9559504HNC	P	10/25/2016	1	MERCURY		Y WS128K32-70G2UQ		629
5962-9559504HXA	P	10/25/2016	1	MERCURY		Y WS128K32-70G4Q		629
5962-9559504HXC	P	10/25/2016	1	MERCURY		Y WS128K32-70G4Q		629
5962-9559504HYA	P	10/25/2016	1	MERCURY		Y WS128K32-70G4TQ		629
5962-9559504HYC	P	10/25/2016	1	MERCURY		Y WS128K32-70G4TQ		629
5962-9559505H9A	P	10/25/2016	1	MERCURY		Y WS128K32-55G1UQ		629
5962-9559505H9C	P	10/25/2016	1	MERCURY		Y WS128K32-55G1UQ		629
5962-9559505HAA	P	10/25/2016	1	MERCURY		Y WS128K32-55G2LQ		629
5962-9559505HAA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-55		629
5962-9559505HAC	P	10/25/2016	1	MERCURY		Y WS128K32-55G2LQ		629
5962-9559505HAC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-55		629

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5962-9559505HBA	P	10/25/2016	1	MERCURY		Y WS128K32-55G1TQ		629
5962-9559505HBC	P	10/25/2016	1	MERCURY		Y WS128K32-55G1TQ		629
5962-9559505HMA	P	10/25/2016	1	MERCURY		Y WS128K32-55G2Q		629
5962-9559505HMA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-55		629
5962-9559505HMC	P	10/25/2016	1	MERCURY		Y WS128K32-55G2Q		629
5962-9559505HMC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-55		629
5962-9559505HNA	P	10/25/2016	1	MERCURY		Y WS128K32-55G2UQ		629
5962-9559505HNC	P	10/25/2016	1	MERCURY		Y WS128K32-55G2UQ		629
5962-9559505HXA	P	10/25/2016	1	MERCURY		Y WS128K32-55G4Q		629
5962-9559505HXC	P	10/25/2016	1	MERCURY		Y WS128K32-55G4Q		629
5962-9559505HYA	P	10/25/2016	1	MERCURY		Y WS128K32-55G4TQ		629
5962-9559505HYC	P	10/25/2016	1	MERCURY		Y WS128K32-55G4TQ		629
5962-9559505HZA	P	10/25/2016		(NONE)		128K32-55 (GEN)		629
5962-9559506H9A	P	10/25/2016	1	MERCURY		Y WS128K32-45G1UQ		629
5962-9559506H9C	P	10/25/2016	1	MERCURY		Y WS128K32-45G1UQ		629
5962-9559506HAA	P	10/25/2016	1	MERCURY		Y WS128K32-45G2LQ		629
5962-9559506HAA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-45		629
5962-9559506HAC	P	10/25/2016	1	MERCURY		Y WS128K32-45G2LQ		629
5962-9559506HAC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-45		629
5962-9559506HBA	P	10/25/2016	1	MERCURY		Y WS128K32-45G1TQ		629
5962-9559506HBC	P	10/25/2016	1	MERCURY		Y WS128K32-45G1TQ		629
5962-9559506HMA	P	10/25/2016	1	MERCURY		Y WS128K32-45G2UQ		629
5962-9559506HMA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-45		629
5962-9559506HMC	P	10/25/2016	1	MERCURY		Y WS128K32-45G2UQ		629
5962-9559506HMC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-45		629
5962-9559506HNA	P	10/25/2016	1	MERCURY		Y WS128K32-45G2UQ		629
5962-9559506HNC	P	10/25/2016	1	MERCURY		Y WS128K32-45G2UQ		629
5962-9559506HXA	P	10/25/2016	1	MERCURY		Y WS128K32-45G4Q		629
5962-9559506HXC	P	10/25/2016	1	MERCURY		Y WS128K32-45G4Q		629
5962-9559506HYA	P	10/25/2016	1	MERCURY		Y WS128K32-45G4TQ		629
5962-9559506HYC	P	10/25/2016	1	MERCURY		Y WS128K32-45G4TQ		629
5962-9559506HZA	P	10/25/2016		(NONE)		128K32-45 (GEN)		629
5962-9559507H9A	P	10/25/2016	1	MERCURY		Y WS128K32-35G1UQ		629
5962-9559507H9C	P	10/25/2016	1	MERCURY		Y WS128K32-35G1UQ		629
5962-9559507HAA	P	10/25/2016	1	MERCURY		Y WS128K32-35G2LQ		629
5962-9559507HAA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-35		629
5962-9559507HAC	P	10/25/2016	1	MERCURY		Y WS128K32-35G2LQ		629
5962-9559507HAC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-35		629
5962-9559507HBA	P	10/25/2016	1	MERCURY		Y WS128K32-35G1TQ		629
5962-9559507HBC	P	10/25/2016	1	MERCURY		Y WS128K32-35G1TQ		629
5962-9559507HMA	P	10/25/2016	1	MERCURY		Y WS128K32-35G2UQ		629
5962-9559507HMA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-35		629
5962-9559507HMC	P	10/25/2016	1	MERCURY		Y WS128K32-35G2UQ		629
5962-9559507HMC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-35		629
5962-9559507HNA	P	10/25/2016	1	MERCURY		Y WS128K32-35G2UQ		629
5962-9559507HNC	P	10/25/2016	1	MERCURY		Y WS128K32-35G2UQ		629
5962-9559507HXA	P	10/25/2016	1	MERCURY		Y WS128K32-35G4Q		629
5962-9559507HXC	P	10/25/2016	1	MERCURY		Y WS128K32-35G4Q		629
5962-9559507HYA	P	10/25/2016	1	MERCURY		Y WS128K32-35G4TQ		629

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9559507HYC	P	10/25/2016	1	MERCURY		Y WS128K32-35G4TQ		629
5962-9559507HZA	P	10/25/2016		(NONE)		128K32-35 (GEN)		629
5962-9559508H9A	P	10/25/2016	1	MERCURY		Y WS128K32-25G1UQ		629
5962-9559508H9C	P	10/25/2016	1	MERCURY		Y WS128K32-25G1UQ		629
5962-9559508HAA	P	10/25/2016	1	MERCURY		Y WS128K32-25G2LQ		629
5962-9559508HAA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-25		629
5962-9559508HAC	P	10/25/2016	1	MERCURY		Y WS128K32-25G2LQ		629
5962-9559508HAC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-25		629
5962-9559508HBA	P	10/25/2016	1	MERCURY		Y WS128K32-25G1TQ		629
5962-9559508HBC	P	10/25/2016	1	MERCURY		Y WS128K32-25G1TQ		629
5962-9559508HMA	P	10/25/2016	1	MERCURY		Y WS128K32-25G2UQ		629
5962-9559508HMA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-25		629
5962-9559508HMC	P	10/25/2016	1	MERCURY		Y WS128K32-25G2UQ		629
5962-9559508HMC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-25		629
5962-9559508HNA	P	10/25/2016	1	MERCURY		Y WS128K32-25G2UQ		629
5962-9559508HNC	P	10/25/2016	1	MERCURY		Y WS128K32-25G2UQ		629
5962-9559508HXA	P	10/25/2016	1	MERCURY		Y WS128K32-25G4Q		629
5962-9559508HXC	P	10/25/2016	1	MERCURY		Y WS128K32-25G4Q		629
5962-9559508HYA	P	10/25/2016	1	MERCURY		Y WS128K32-25G4TQ		629
5962-9559508HYC	P	10/25/2016	1	MERCURY		Y WS128K32-25G4TQ		629
5962-9559508HZA	P	10/25/2016		(NONE)		128K32-25 (GEN)		629
5962-9559509H9A	P	10/25/2016	1	MERCURY		Y WS128K32-20G1UQ		629
5962-9559509H9C	P	10/25/2016	1	MERCURY		Y WS128K32-20G1UQ		629
5962-9559509HAA	P	10/25/2016	1	MERCURY		Y WS128K32-20G2LQ		629
5962-9559509HAA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-20		629
5962-9559509HAC	P	10/25/2016	1	MERCURY		Y WS128K32-20G2LQ		629
5962-9559509HAC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-20		629
5962-9559509HBA	P	10/25/2016	1	MERCURY		Y WS128K32-20G1TQ		629
5962-9559509HBC	P	10/25/2016	1	MERCURY		Y WS128K32-20G1TQ		629
5962-9559509HMA	P	10/25/2016	1	MERCURY		Y WS128K32-20G2UQ		629
5962-9559509HMA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-20		629
5962-9559509HMC	P	10/25/2016	1	MERCURY		Y WS128K32-20G2UQ		629
5962-9559509HMC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-20		629
5962-9559509HNA	P	10/25/2016	1	MERCURY		Y WS128K32-20G2UQ		629
5962-9559509HNC	P	10/25/2016	1	MERCURY		Y WS128K32-20G2UQ		629
5962-9559509HXA	P	10/25/2016	1	MERCURY		Y WS128K32-20G4Q		629
5962-9559509HXC	P	10/25/2016	1	MERCURY		Y WS128K32-20G4Q		629
5962-9559509HYA	P	10/25/2016	1	MERCURY		Y WS128K32-20G4TQ		629
5962-9559509HYC	P	10/25/2016	1	MERCURY		Y WS128K32-20G4TQ		629
5962-9559509HZA	P	10/25/2016		(NONE)		128K32-20 (GEN)		629
5962-9559510H9A	P	10/25/2016	1	MERCURY		Y WS128K32-17G1UQ		629
5962-9559510H9C	P	10/25/2016	1	MERCURY		Y WS128K32-17G1UQ		629
5962-9559510HAA	P	10/25/2016	1	MERCURY		Y WS128K32-17G2LQ		629
5962-9559510HAA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-17		629
5962-9559510HAC	P	10/25/2016	1	MERCURY		Y WS128K32-17G2LQ		629
5962-9559510HAC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-17		629
5962-9559510HBA	P	10/25/2016	1	MERCURY		Y WS128K32-17G1TQ		629
5962-9559510HBC	P	10/25/2016	1	MERCURY		Y WS128K32-17G1TQ		629
5962-9559510HMA	P	10/25/2016	1	MERCURY		Y WS128K32-17G2UQ		629

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5962-9559510HMA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-17		629
5962-9559510HMC	P	10/25/2016	1	MERCURY		Y WS128K32-17G2UQ		629
5962-9559510HMC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-17		629
5962-9559510HNA	P	10/25/2016	1	MERCURY		Y WS128K32-17G2UQ		629
5962-9559510HNC	P	10/25/2016	1	MERCURY		Y WS128K32-17G2UQ		629
5962-9559510HXA	P	10/25/2016	1	MERCURY		Y WS128K32-17G4Q		629
5962-9559510HXC	P	10/25/2016	1	MERCURY		Y WS128K32-17G4Q		629
5962-9559510HYA	P	10/25/2016	1	MERCURY		Y WS128K32-17G4TQ		629
5962-9559510HYC	P	10/25/2016	1	MERCURY		Y WS128K32-17G4TQ		629
5962-9559510HZA	P	10/25/2016		(NONE)		128K32-17 (GEN)		629
5962-9559511H9A	P	10/25/2016	1	MERCURY		Y WS128K32-15G1UQ		629
5962-9559511H9C	P	10/25/2016	1	MERCURY		Y WS128K32-15G1UQ		629
5962-9559511HAA	P	10/25/2016	1	MERCURY		Y WS128K32-15G2LQ		629
5962-9559511HAC	P	10/25/2016	1	MERCURY		Y WS128K32-15G2LQ		629
5962-9559511HBA	P	10/25/2016	1	MERCURY		Y WS128K32-15G1TQ		629
5962-9559511HBC	P	10/25/2016	1	MERCURY		Y WS128K32-15G1TQ		629
5962-9559511HMA	P	10/25/2016	1	MERCURY		Y WS128K32-15G2UQ		629
5962-9559511HMC	P	10/25/2016	1	MERCURY		Y WS128K32-15G2UQ		629
5962-9559511HNA	P	10/25/2016	1	MERCURY		Y WS128K32-15G2UQ		629
5962-9559511HNC	P	10/25/2016	1	MERCURY		Y WS128K32-15G2UQ		629
5962-9559511HXA	P	10/25/2016	1	MERCURY		Y WS128K32-15G4Q		629
5962-9559511HXC	P	10/25/2016	1	MERCURY		Y WS128K32-15G4Q		629
5962-9559511HYA	P	10/25/2016	1	MERCURY		Y WS128K32-15G4TQ		629
5962-9559511HYC	P	10/25/2016	1	MERCURY		Y WS128K32-15G4TQ		629
5962-9559512H9A	P	10/25/2016	1	MERCURY		Y WS128K32H-55G1UQ		629
5962-9559512H9C	P	10/25/2016	1	MERCURY		Y WS128K32H-55G1UQ		629
5962-9559512HAA	P	10/25/2016	1	MERCURY		Y WS128K32H-55G2LQ		629
5962-9559512HAA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-55		629
5962-9559512HAC	P	10/25/2016	1	MERCURY		Y WS128K32H-55G2LQ		629
5962-9559512HAC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-55		629
5962-9559512HBA	P	10/25/2016	1	MERCURY		Y WS128K32H-55G1TQ		629
5962-9559512HBC	P	10/25/2016	1	MERCURY		Y WS128K32H-55G1TQ		629
5962-9559512HMA	P	10/25/2016	1	MERCURY		Y WS128K32H-55G2Q		629
5962-9559512HMA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-55		629
5962-9559512HMC	P	10/25/2016	1	MERCURY		Y WS128K32H-55G2UQ		629
5962-9559512HMC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-55		629
5962-9559512HNA	P	10/25/2016	1	MERCURY		Y WS128K32H-55G2UQ		629
5962-9559512HNC	P	10/25/2016	1	MERCURY		Y WS128K32H-55G2UQ		629
5962-9559512HXA	P	10/25/2016	1	MERCURY		Y WS128K32H-55G4Q		629
5962-9559512HXC	P	10/25/2016	1	MERCURY		Y WS128K32H-55G4Q		629
5962-9559512HYA	P	10/25/2016	1	MERCURY		Y WS128K32H-55G4TQ		629
5962-9559512HYC	P	10/25/2016	1	MERCURY		Y WS128K32H-55G4TQ		629
5962-9559513H9A	P	10/25/2016	1	MERCURY		Y WS128K32H-45G1UQ		629
5962-9559513H9C	P	10/25/2016	1	MERCURY		Y WS128K32H-45G1UQ		629
5962-9559513HAA	P	10/25/2016	1	MERCURY		Y WS128K32H-45G2LQ		629
5962-9559513HAA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-45		629
5962-9559513HAC	P	10/25/2016	1	MERCURY		Y WS128K32H-45G2LQ		629
5962-9559513HAC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-45		629
5962-9559513HBA	P	10/25/2016	1	MERCURY		Y WS128K32H-45G1TQ		629



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5962-9559513HBC	P	10/25/2016	1	MERCURY		Y WS128K32H-45G1TQ		629
5962-9559513HMA	P	10/25/2016	1	MERCURY		Y WS128K32H-45G2UQ		629
5962-9559513HMA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-45		629
5962-9559513HMC	P	10/25/2016	1	MERCURY		Y WS128K32H-45G2UQ		629
5962-9559513HMC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-45		629
5962-9559513HNA	P	10/25/2016	1	MERCURY		Y WS128K32H-45G2UQ		629
5962-9559513HNC	P	10/25/2016	1	MERCURY		Y WS128K32H-45G2UQ		629
5962-9559513HXA	P	10/25/2016	1	MERCURY		Y WS128K32H-45G4Q		629
5962-9559513HXC	P	10/25/2016	1	MERCURY		Y WS128K32H-45G4Q		629
5962-9559513HYA	P	10/25/2016	1	MERCURY		Y WS128K32H-45G4TQ		629
5962-9559513HYC	P	10/25/2016	1	MERCURY		Y WS128K32H-45G4TQ		629
5962-9559514H9A	P	10/25/2016	1	MERCURY		Y WS128K32H-35G1UQ		629
5962-9559514H9C	P	10/25/2016	1	MERCURY		Y WS128K32H-35G1UQ		629
5962-9559514HAA	P	10/25/2016	1	MERCURY		Y WS128K32H-35G2LQ		629
5962-9559514HAA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-35		629
5962-9559514HAC	P	10/25/2016	1	MERCURY		Y WS128K32H-35G2LQ		629
5962-9559514HAC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-35		629
5962-9559514HBA	P	10/25/2016	1	MERCURY		Y WS128K32H-35G1TQ		629
5962-9559514HBC	P	10/25/2016	1	MERCURY		Y WS128K32H-35G1TQ		629
5962-9559514HMA	P	10/25/2016	1	MERCURY		Y WS128K32H-35G2UQ		629
5962-9559514HMA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-35		629
5962-9559514HMC	P	10/25/2016	1	MERCURY		Y WS128K32H-35G2UQ		629
5962-9559514HMC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-35		629
5962-9559514HNA	P	10/25/2016	1	MERCURY		Y WS128K32H-35G2UQ		629
5962-9559514HNC	P	10/25/2016	1	MERCURY		Y WS128K32H-35G2UQ		629
5962-9559514HXA	P	10/25/2016	1	MERCURY		Y WS128K32H-35G4Q		629
5962-9559514HXC	P	10/25/2016	1	MERCURY		Y WS128K32H-35G4Q		629
5962-9559514HYA	P	10/25/2016	1	MERCURY		Y WS128K32H-35G4TQ		629
5962-9559514HYC	P	10/25/2016	1	MERCURY		Y WS128K32H-35G4TQ		629
5962-9559515H9A	P	10/25/2016	1	MERCURY		Y WS128K32H-25G1UQ		629
5962-9559515H9C	P	10/25/2016	1	MERCURY		Y WS128K32H-25G1UQ		629
5962-9559515HAA	P	10/25/2016	1	MERCURY		Y WS128K32H-25G2LQ		629
5962-9559515HAA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-25		629
5962-9559515HAC	P	10/25/2016	1	MERCURY		Y WS128K32H-25G2LQ		629
5962-9559515HAC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-25		629
5962-9559515HBA	P	10/25/2016	1	MERCURY		Y WS128K32H-25G1TQ		629
5962-9559515HBC	P	10/25/2016	1	MERCURY		Y WS128K32H-25G1TQ		629
5962-9559515HMA	P	10/25/2016	1	MERCURY		Y WS128K32H-25G2UQ		629
5962-9559515HMA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-25		629
5962-9559515HMC	P	10/25/2016	1	MERCURY		Y WS128K32H-25G2UQ		629
5962-9559515HMC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-25		629
5962-9559515HNA	P	10/25/2016	1	MERCURY		Y WS128K32H-25G2UQ		629
5962-9559515HNC	P	10/25/2016	1	MERCURY		Y WS128K32H-25G2UQ		629
5962-9559515HXA	P	10/25/2016	1	MERCURY		Y WS128K32H-25G4Q		629
5962-9559515HXC	P	10/25/2016	1	MERCURY		Y WS128K32H-25G4Q		629
5962-9559515HYA	P	10/25/2016	1	MERCURY		Y WS128K32H-25G4TQ		629
5962-9559515HYC	P	10/25/2016	1	MERCURY		Y WS128K32H-25G4TQ		629
5962-9559516H9A	P	10/25/2016	1	MERCURY		Y WS128K32H-20G1UQ		629
5962-9559516H9C	P	10/25/2016	1	MERCURY		Y WS128K32H-20G1UQ		629



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5962-9559516HAA	P	10/25/2016	1	MERCURY		Y WS128K32H-20G2LQ		629
5962-9559516HAA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-20		629
5962-9559516HAC	P	10/25/2016	1	MERCURY		Y WS128K32H-20G2LQ		629
5962-9559516HAC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-20		629
5962-9559516HBA	P	10/25/2016	1	MERCURY		Y WS128K32H-20G1TQ		629
5962-9559516HBC	P	10/25/2016	1	MERCURY		Y WS128K32H-20G1TQ		629
5962-9559516HMA	P	10/25/2016	1	MERCURY		Y WS128K32H-20G2UQ		629
5962-9559516HMA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-20		629
5962-9559516HMC	P	10/25/2016	1	MERCURY		Y WS128K32H-20G2UQ		629
5962-9559516HMC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-20		629
5962-9559516HNA	P	10/25/2016	1	MERCURY		Y WS128K32H-20G2UQ		629
5962-9559516HNC	P	10/25/2016	1	MERCURY		Y WS128K32H-20G2UQ		629
5962-9559516HXA	P	10/25/2016	1	MERCURY		Y WS128K32H-20G4Q		629
5962-9559516HXC	P	10/25/2016	1	MERCURY		Y WS128K32H-20G4Q		629
5962-9559516HYA	P	10/25/2016	1	MERCURY		Y WS128K32H-20G4TQ		629
5962-9559516HYC	P	10/25/2016	1	MERCURY		Y WS128K32H-20G4TQ		629
5962-9559517H9A	P	10/25/2016	1	MERCURY		Y WS128K32H-17G1UQ		629
5962-9559517H9C	P	10/25/2016	1	MERCURY		Y WS128K32H-17G1UQ		629
5962-9559517HAA	P	10/25/2016	1	MERCURY		Y WS128K32H-17G2LQ		629
5962-9559517HAA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-17		629
5962-9559517HAC	P	10/25/2016	1	MERCURY		Y WS128K32H-17G2LQ		629
5962-9559517HAC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q1-17		629
5962-9559517HBA	P	10/25/2016	1	MERCURY		Y WS128K32H-17G1TQ		629
5962-9559517HBC	P	10/25/2016	1	MERCURY		Y WS128K32H-17G1TQ		629
5962-9559517HMA	P	10/25/2016	1	MERCURY		Y WS128K32H-17G2UQ		629
5962-9559517HMA	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-17		629
5962-9559517HMC	P	10/25/2016	1	MERCURY		Y WS128K32H-17G2UQ		629
5962-9559517HMC	P	10/25/2016	1	MICROSS		Y AS8S128K32Q-17		629
5962-9559517HNA	P	10/25/2016	1	MERCURY		Y WS128K32H-17G2UQ		629
5962-9559517HNC	P	10/25/2016	1	MERCURY		Y WS128K32H-17G2UQ		629
5962-9559517HXA	P	10/25/2016	1	MERCURY		Y WS128K32H-17G4Q		629
5962-9559517HXC	P	10/25/2016	1	MERCURY		Y WS128K32H-17G4Q		629
5962-9559517HYA	P	10/25/2016	1	MERCURY		Y WS128K32H-17G4TQ		629
5962-9559517HYC	P	10/25/2016	1	MERCURY		Y WS128K32H-17G4TQ		629
5962-9559518H9A	P	10/25/2016	1	MERCURY		Y WS128K32H-15G1UQ		629
5962-9559518H9C	P	10/25/2016	1	MERCURY		Y WS128K32H-15G1UQ		629
5962-9559518HAA	P	10/25/2016	1	MERCURY		Y WS128K32H-15G2LQ		629
5962-9559518HAC	P	10/25/2016	1	MERCURY		Y WS128K32H-15G2LQ		629
5962-9559518HBA	P	10/25/2016	1	MERCURY		Y WS128K32H-15G1TQ		629
5962-9559518HBC	P	10/25/2016	1	MERCURY		Y WS128K32H-15G1TQ		629
5962-9559518HMA	P	10/25/2016	1	MERCURY		Y WS128K32H-15G2UQ		629
5962-9559518HMC	P	10/25/2016	1	MERCURY		Y WS128K32H-15G2UQ		629
5962-9559518HNA	P	10/25/2016	1	MERCURY		Y WS128K32H-15G2UQ		629
5962-9559518HNC	P	10/25/2016	1	MERCURY		Y WS128K32H-15G2UQ		629
5962-9559518HXA	P	10/25/2016	1	MERCURY		Y WS128K32H-15G4Q		629
5962-9559518HXC	P	10/25/2016	1	MERCURY		Y WS128K32H-15G4Q		629
5962-9559518HYA	P	10/25/2016	1	MERCURY		Y WS128K32H-15G4TQ		629
5962-9559518HYC	P	10/25/2016	1	MERCURY		Y WS128K32H-15G4TQ		629
5962-9559601M2A	D	02/11/2019	1	ANALOG (2)		Y AD813SE/883		760

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

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5962-9559701MPA	F	06/08/2016	1	ANALOG (2)		Y AD8036SQ/883		719
5962-9559801MRA	D	08/03/2016		(NONE)		AD641 (GEN)		719
5962-9559802MRA	D	08/03/2016	1	ANALOG (2)		Y AD641SQ		719
5962-9559901QXC	C	04/15/2014		(NONE)		CY7C386A (GEN)		431
5962-9559902MXC	C	04/15/2014		(NONE)		16X24B (GEN)		431
5962-9559902QXC	C	04/15/2014		(NONE)		CY7C386A (GEN)		431
5962-9559902MYC	C	04/15/2014		(NONE)	01/31/2005	16X24B (GEN)		431
5962-9559903MXC	C	04/15/2014		(NONE)		16X24B (GEN)		431
5962-9559903QXC	C	04/15/2014		(NONE)		CY7C386A (GEN)		431
5962-9559903MYC	C	04/15/2014		(NONE)	01/31/2005	16X24B (GEN)		431
5962-9560001M7A	L	09/01/2016	1	MICROSS		Y AS5C512K8SOJ-45		629
5962-9560001M9A	L	09/01/2016	2	MERCURY		Y EDI88512CA45F32B		629
5962-9560001M9A	L	09/01/2016	1	MICROSS		Y AS5C4008F-45		629
5962-9560001MMA	L	09/01/2016	2	MERCURY		Y EDI88512CA45N36B		629
5962-9560001MMA	L	09/01/2016	1	MICROSS		Y AS5C512K8ECJ-45		629
5962-9560001MNA	L	09/01/2016	1	MICROSS		Y AS5C512K8EC-45		629
5962-9560001MNA	L	09/01/2016	1	PYRAMID		Y P4C1049-45L36MB		629
5962-9560001MTA	L	09/01/2016	2	MERCURY		Y EDI88512CA45F36B		629
5962-9560001MTA	L	09/01/2016	1	MICROSS		Y AS5C512K8F-45		629
5962-9560001MTA	L	09/01/2016	1	PYRAMID		Y P4C1049-45FSMB		629
5962-9560001MUA	L	09/01/2016	2	MERCURY		Y EDI88512CA45NB		629
5962-9560001MUA	L	09/01/2016	1	MICROSS		Y AS5C4008ECJ-45		629
5962-9560001MXA	L	09/01/2016	2	MERCURY	09/30/2018	Y EDI88512CA45CB		629
5962-9560001MXA	L	09/01/2016	1	MICROSS		Y AS5C4008CW-45		629
5962-9560001MYA	L	09/01/2016	2	MERCURY		Y EDI88512CA45B32B		629
5962-9560001MZA	L	09/01/2016	2	MERCURY		Y EDI88512CA45L32B		629
5962-9560001MZA	L	09/01/2016	1	MICROSS		Y AS5C4008EC-45		629
5962-9560002M7A	L	09/01/2016	1	MICROSS		Y AS5C512K8SOJ-35		629
5962-9560002M8A	L	09/01/2016		(NONE)		684002-35 (GEN)		629
5962-9560002M9A	L	09/01/2016	2	MERCURY		Y EDI88512CA35F32B		629
5962-9560002M9A	L	09/01/2016	1	MICROSS		Y AS5C4008F-35		629
5962-9560002MMA	L	09/01/2016	2	MERCURY		Y EDI88512CA35N36B		629
5962-9560002MMA	L	09/01/2016	1	MICROSS		Y AS5C512K8ECJ-35		629
5962-9560002MNA	L	09/01/2016	1	MICROSS		Y AS5C512K8EC-35		629
5962-9560002MNA	L	09/01/2016	1	PYRAMID		Y P4C1049-35L36MB		629
5962-9560002MTA	L	09/01/2016	2	MERCURY		Y EDI88512CA35F36B		629
5962-9560002MTA	L	09/01/2016	1	MICROSS		Y AS5C512K8F-35		629
5962-9560002MTA	L	09/01/2016	1	PYRAMID		Y P4C1049-35FSMB		629
5962-9560002MUA	L	09/01/2016	2	MERCURY		Y EDI88512CA35NB		629
5962-9560002MUA	L	09/01/2016	1	MICROSS		Y AS5C4008ECJ-35		629
5962-9560002MXA	L	09/01/2016	2	MERCURY	09/30/2018	Y EDI88512CA35CB		629
5962-9560002MXA	L	09/01/2016	1	MICROSS		Y AS5C4008CW-35		629
5962-9560002MYA	L	09/01/2016	2	MERCURY		Y EDI88512CA35B32B		629
5962-9560002MZA	L	09/01/2016	2	MERCURY		Y EDI88512CA35L32B		629
5962-9560002MZA	L	09/01/2016	1	MICROSS		Y AS5C4008EC-35		629
5962-9560003M7A	L	09/01/2016	1	MICROSS		Y AS5C512K8SOJ-25		629
5962-9560003M8A	L	09/01/2016		(NONE)		684002-25 (GEN)		629
5962-9560003M9A	L	09/01/2016	2	MERCURY	09/30/2018	Y EDI88512CA25F32B		629
5962-9560003M9A	L	09/01/2016	1	MICROSS		Y AS5C4008F-25		629

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9560003MMA	L	09/01/2016	2	MERCURY	09/30/2018	Y	EDI88512CA25N36B	629
5962-9560003MMA	L	09/01/2016	1	MICROSS		Y	AS5C512K8ECJ-25	629
5962-9560003MNA	L	09/01/2016	1	MICROSS		Y	AS5C512K8EC-25	629
5962-9560003MNA	L	09/01/2016	1	PYRAMID		Y	P4C1049-25L36MB	629
5962-9560003MTA	L	09/01/2016	2	MERCURY	09/30/2018	Y	EDI88512CA25F36B	629
5962-9560003MTA	L	09/01/2016	1	MICROSS		Y	AS5C512K8F-25	629
5962-9560003MTA	L	09/01/2016	1	PYRAMID		Y	P4C1049-25FSMB	629
5962-9560003MUA	L	09/01/2016	2	MERCURY	09/30/2018	Y	EDI88512CA25NB	629
5962-9560003MUA	L	09/01/2016	1	MICROSS		Y	AS5C4008ECJ-25	629
5962-9560003MXA	L	09/01/2016	2	MERCURY	09/30/2018	Y	EDI88512CA25CB	629
5962-9560003MXA	L	09/01/2016	1	MICROSS		Y	AS5C4008CW-25	629
5962-9560003MYA	L	09/01/2016	2	MERCURY		Y	EDI88512CA25B32B	629
5962-9560003MZA	L	09/01/2016	2	MERCURY		Y	EDI88512CA25L32B	629
5962-9560003MZA	L	09/01/2016	1	MICROSS		Y	AS5C4008EC-25	629
5962-9560004M7A	L	09/01/2016	1	MICROSS		Y	AS5C512K8SOJ-20	629
5962-9560004M8A	L	09/01/2016		(NONE)			684002-20 (GEN)	629
5962-9560004M9A	L	09/01/2016	2	MERCURY	09/30/2018	Y	EDI88512CA20F32B	629
5962-9560004M9A	L	09/01/2016	1	MICROSS		Y	AS5C4008F-20	629
5962-9560004MMA	L	09/01/2016	2	MERCURY		Y	EDI88512CA20N36B	629
5962-9560004MMA	L	09/01/2016	1	MICROSS		Y	AS5C512K8ECJ-20	629
5962-9560004MNA	L	09/01/2016	1	MICROSS		Y	AS5C512K8EC-20	629
5962-9560004MNA	L	09/01/2016	1	PYRAMID		Y	P4C1049-20L36MB	629
5962-9560004MTA	L	09/01/2016	2	MERCURY	09/30/2018	Y	EDI88512CA20F36B	629
5962-9560004MTA	L	09/01/2016	1	MICROSS		Y	AS5C512K8F-20	629
5962-9560004MTA	L	09/01/2016	1	PYRAMID		Y	P4C1049-20FSMB	629
5962-9560004MUA	L	09/01/2016	2	MERCURY	09/30/2018	Y	EDI88512CA20NB	629
5962-9560004MUA	L	09/01/2016	1	MICROSS		Y	AS5C4008ECJ-20	629
5962-9560004MXA	L	09/01/2016	2	MERCURY	09/30/2018	Y	EDI88512CA20CB	629
5962-9560004MXA	L	09/01/2016	1	MICROSS		Y	AS5C4008CW-20	629
5962-9560004MYA	L	09/01/2016	2	MERCURY		Y	EDI88512CA20B32B	629
5962-9560004MZA	L	09/01/2016	2	MERCURY		Y	EDI88512CA20L32B	629
5962-9560004MZA	L	09/01/2016	1	MICROSS		Y	AS5C4008EC-20	629
5962-9560005M7A	L	09/01/2016	1	MICROSS		Y	AS5C512K8SOJ-45L	629
5962-9560005M9A	L	09/01/2016	2	MERCURY		Y	EDI88512LPA45F32B	629
5962-9560005M9A	L	09/01/2016	1	MICROSS		Y	AS5C4008F-45L	629
5962-9560005MMA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA45N36B	629
5962-9560005MMA	L	09/01/2016	1	MICROSS		Y	AS5C512K8ECJ-45L	629
5962-9560005MNA	L	09/01/2016	1	MICROSS		Y	AS5C512K8E-45L	629
5962-9560005MNA	L	09/01/2016	1	PYRAMID		Y	P4C1049L-45L36MB	629
5962-9560005MTA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA45F36B	629
5962-9560005MTA	L	09/01/2016	1	MICROSS		Y	AS5C512K8F-45L	629
5962-9560005MTA	L	09/01/2016	1	PYRAMID		Y	P4C1049L-45FSMB	629
5962-9560005MUA	L	09/01/2016	2	MERCURY	09/30/2018	Y	EDI88512LPA45NB	629
5962-9560005MUA	L	09/01/2016	1	MICROSS		Y	AS5C4008ECJ-45L	629
5962-9560005MXA	L	09/01/2016	2	MERCURY	09/30/2018	Y	EDI88512LPA45CB	629
5962-9560005MXA	L	09/01/2016	1	MICROSS		Y	AS5C4008CW-45L	629
5962-9560005MYA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA45B32B	629
5962-9560005MZA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA45L32B	629
5962-9560005MZA	L	09/01/2016	1	MICROSS		Y	AS5C4008EC-45L	629

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9560006M7A	L	09/01/2016	1	MICROSS		Y AS5C512K8SOJ-35L		629
5962-9560006M8A	L	09/01/2016		(NONE)		684002-35 (GEN)		629
5962-9560006M9A	L	09/01/2016	2	MERCURY	09/30/2018	Y EDI88512LPA35F32B		629
5962-9560006M9A	L	09/01/2016	1	MICROSS		Y AS5C4008F-35L		629
5962-9560006MMA	L	09/01/2016	2	MERCURY		Y EDI88512LPA35N36B		629
5962-9560006MMA	L	09/01/2016	1	MICROSS		Y AS5C512K8ECJ-35L		629
5962-9560006MNA	L	09/01/2016	1	MICROSS		Y AS5C512K8EC-35L		629
5962-9560006MNA	L	09/01/2016	1	PYRAMID		Y P4C1049L-35L36MB		629
5962-9560006MTA	L	09/01/2016	2	MERCURY	09/30/2018	Y EDI88512LPA35F36B		629
5962-9560006MTA	L	09/01/2016	1	MICROSS		Y AS5C512K8F-35L		629
5962-9560006MTA	L	09/01/2016	1	PYRAMID		Y P4C1049L-35FSMB		629
5962-9560006MUA	L	09/01/2016	2	MERCURY		Y EDI88512LPA35NB		629
5962-9560006MUA	L	09/01/2016	1	MICROSS		Y AS5C4008ECJ-35L		629
5962-9560006MXA	L	09/01/2016	2	MERCURY		Y EDI88512LPA35CB		629
5962-9560006MXA	L	09/01/2016	1	MICROSS		Y AS5C4008CW-35L		629
5962-9560006MYA	L	09/01/2016	2	MERCURY		Y EDI88512LPA35B32B		629
5962-9560006MZA	L	09/01/2016	2	MERCURY		Y EDI88512LPA35L32B		629
5962-9560006MZA	L	09/01/2016	1	MICROSS		Y AS5C4008EC-35L		629
5962-9560007M7A	L	09/01/2016	1	MICROSS		Y AS5C512K8SOJ-25L		629
5962-9560007M8A	L	09/01/2016		(NONE)		684002-25 (GEN)		629
5962-9560007M9A	L	09/01/2016	2	MERCURY	09/30/2018	Y EDI88512LPA25F32B		629
5962-9560007M9A	L	09/01/2016	1	MICROSS		Y AS5C4008F-25L		629
5962-9560007MMA	L	09/01/2016	2	MERCURY	09/30/2018	Y EDI88512LPA25N36B		629
5962-9560007MMA	L	09/01/2016	1	MICROSS		Y AS5C512K8ECJ-25L		629
5962-9560007MNA	L	09/01/2016	1	MICROSS		Y AS5C512K8EC-25L		629
5962-9560007MNA	L	09/01/2016	1	PYRAMID		Y P4C1049L-25L36MB		629
5962-9560007MTA	L	09/01/2016	2	MERCURY		Y EDI88512LPA25F36B		629
5962-9560007MTA	L	09/01/2016	1	MICROSS		Y AS5C512K8F-25L		629
5962-9560007MTA	L	09/01/2016	1	PYRAMID		Y P4C1049L-25FSMB		629
5962-9560007MUA	L	09/01/2016	2	MERCURY		Y EDI88512LPA25NB		629
5962-9560007MUA	L	09/01/2016	1	MICROSS		Y AS5C4008ECJ-25L		629
5962-9560007MXA	L	09/01/2016	2	MERCURY		Y EDI88512LPA25CB		629
5962-9560007MXA	L	09/01/2016	1	MICROSS		Y AS5C4008CW-25L		629
5962-9560007MYA	L	09/01/2016	2	MERCURY		Y EDI88512LPA25B32B		629
5962-9560007MZA	L	09/01/2016	2	MERCURY		Y EDI88512LPA25L32B		629
5962-9560007MZA	L	09/01/2016	1	MICROSS		Y AS5C4008EC-25L		629
5962-9560008M7A	L	09/01/2016	1	MICROSS		Y AS5C512K8SOJ-20L		629
5962-9560008M8A	L	09/01/2016		(NONE)		684002-20 (GEN)		629
5962-9560008M9A	L	09/01/2016	2	MERCURY	09/30/2018	Y EDI88512LPA20F32B		629
5962-9560008M9A	L	09/01/2016	1	MICROSS		Y AS5C4008F-20L		629
5962-9560008MMA	L	09/01/2016	2	MERCURY	09/30/2018	Y EDI88512LPA20N36B		629
5962-9560008MMA	L	09/01/2016	1	MICROSS		Y AS5C512K8ECJ-20L		629
5962-9560008MNA	L	09/01/2016	1	MICROSS		Y AS5C512K8EC-20L		629
5962-9560008MNA	L	09/01/2016	1	PYRAMID		Y P4C1049L-20L36MB		629
5962-9560008MTA	L	09/01/2016	2	MERCURY		Y EDI88512LPA20F36B		629
5962-9560008MTA	L	09/01/2016	1	MICROSS		Y AS5C512K8F-20L		629
5962-9560008MTA	L	09/01/2016	1	PYRAMID		Y P4C1049L-20FSMB		629
5962-9560008MUA	L	09/01/2016	2	MERCURY	09/30/2018	Y EDI88512LPA20NB		629
5962-9560008MUA	L	09/01/2016	1	MICROSS		Y AS5C4008ECJ-20L		629

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9560008MXA	L	09/01/2016	2	MERCURY	09/30/2018	Y	EDI88512LPA20CB	629
5962-9560008MXA	L	09/01/2016	1	MICROSS		Y	AS5C4008CW-20L	629
5962-9560008MYA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA20B32B	629
5962-9560008MZA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA20L32B	629
5962-9560008MZA	L	09/01/2016	1	MICROSS		Y	AS5C4008EC-20L	629
5962-9560009Q7A	L	09/01/2016	1	MICROSS		Y	AS5C512K8SOJ-45L	629
5962-9560009Q9A	L	09/01/2016	2	MERCURY		Y	EDI88512LPA45F32B	629
5962-9560009Q9A	L	09/01/2016	1	MICROSS		Y	AS5C4008F-45L	629
5962-9560009QMA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA45N36B	629
5962-9560009QMA	L	09/01/2016	1	MICROSS		Y	AS5C512K8ECJ-45L	629
5962-9560009MNA	L	09/01/2016	1	PYRAMID		Y	P4C1049L-45L36MB	629
5962-9560009QNA	L	09/01/2016	1	MICROSS		Y	AS5C512K8EC-45L	629
5962-9560009MTA	L	09/01/2016	1	PYRAMID		Y	P4C1049L-45FSMB	629
5962-9560009QTA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA45F36B	629
5962-9560009QTA	L	09/01/2016	1	MICROSS		Y	AS5C512K8F-45L	629
5962-9560009QUA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA45NB	629
5962-9560009QUA	L	09/01/2016	1	MICROSS		Y	AS5C4008ECJ-45L	629
5962-9560009QXA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA45CB	629
5962-9560009QXA	L	09/01/2016	1	MICROSS		Y	AS5C4008CW-45L	629
5962-9560009QZA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA45L32B	629
5962-9560009QZA	L	09/01/2016	1	MICROSS		Y	AS5C4008EC-45L	629
5962-9560010Q7A	L	09/01/2016	1	MICROSS		Y	AS5C512K8SOJ-35L	629
5962-9560010Q9A	L	09/01/2016	2	MERCURY		Y	EDI88512LPA35F32B	629
5962-9560010Q9A	L	09/01/2016	1	MICROSS		Y	AS5C4008F-35L	629
5962-9560010QMA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA35N36B	629
5962-9560010QMA	L	09/01/2016	1	MICROSS		Y	AS5C512K8ECJ-35L	629
5962-9560010MNA	L	09/01/2016	1	PYRAMID		Y	P4C1049L-35L36MB	629
5962-9560010QNA	L	09/01/2016	1	MICROSS		Y	AS5C512K8EC-35L	629
5962-9560010MTA	L	09/01/2016	1	PYRAMID		Y	P4C1049L-35FSMB	629
5962-9560010QTA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA35F36B	629
5962-9560010QTA	L	09/01/2016	1	MICROSS		Y	AS5C512K8F-35L	629
5962-9560010QUA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA35NB	629
5962-9560010QUA	L	09/01/2016	1	MICROSS		Y	AS5C4008ECJ-35L	629
5962-9560010QXA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA35CB	629
5962-9560010QXA	L	09/01/2016	1	MICROSS		Y	AS5C4008CW-35L	629
5962-9560010QZA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA35L32B	629
5962-9560010QZA	L	09/01/2016	1	MICROSS		Y	AS5C4008EC-35L	629
5962-9560011Q7A	L	09/01/2016	1	MICROSS		Y	AS5C512K8SOJ-25L	629
5962-9560011Q9A	L	09/01/2016	2	MERCURY		Y	EDI88512LPA25F32B	629
5962-9560011Q9A	L	09/01/2016	1	MICROSS		Y	AS5C4008F-25L	629
5962-9560011QMA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA25N36B	629
5962-9560011QMA	L	09/01/2016	1	MICROSS		Y	AS5C512K8ECJ-25L	629
5962-9560011MNA	L	09/01/2016	1	PYRAMID		Y	P4C1049L-25L36MB	629
5962-9560011QNA	L	09/01/2016	1	MICROSS		Y	AS5C512K8EC-25L	629
5962-9560011MTA	L	09/01/2016	1	PYRAMID		Y	P4C1049L-25FSMB	629
5962-9560011QTA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA25F36B	629
5962-9560011QTA	L	09/01/2016	1	MICROSS		Y	AS5C512K8F-25L	629
5962-9560011QUA	L	09/01/2016	2	MERCURY		Y	EDI88512LPA25NB	629
5962-9560011QUA	L	09/01/2016	1	MICROSS		Y	AS5C4008ECJ-25L	629



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5962-9560011QXA	L	09/01/2016	2	MERCURY		Y EDI88512LPA25CB		629
5962-9560011QXA	L	09/01/2016	1	MICROSS		Y AS5C4008CW-25L		629
5962-9560011QZA	L	09/01/2016	2	MERCURY		Y EDI88512LPA25L32B		629
5962-9560011QZA	L	09/01/2016	1	MICROSS		Y AS5C4008EC-25L		629
5962-9560012Q7A	L	09/01/2016	1	MICROSS		Y AS5C512K8SOJ-20L		629
5962-9560012Q9A	L	09/01/2016	2	MERCURY		Y EDI88512LPA20F32B		629
5962-9560012Q9A	L	09/01/2016	1	MICROSS		Y AS5C4008F-20L		629
5962-9560012QMA	L	09/01/2016	2	MERCURY		Y EDI88512LPA20N36B		629
5962-9560012QMA	L	09/01/2016	1	MICROSS		Y AS5C512K8ECJ-20L		629
5962-9560012MNA	L	09/01/2016	1	PYRAMID		Y P4C1049L-20L36MB		629
5962-9560012QNA	L	09/01/2016	1	MICROSS		Y AS5C512K8EC-20L		629
5962-9560012MTA	L	09/01/2016	1	PYRAMID		Y P4C1049L-20FSMB		629
5962-9560012QTA	L	09/01/2016	2	MERCURY		Y EDI88512LPA20F36B		629
5962-9560012QTA	L	09/01/2016	1	MICROSS		Y AS5C512K8F-20L		629
5962-9560012QUA	L	09/01/2016	2	MERCURY		Y EDI88512LPA20NB		629
5962-9560012QUA	L	09/01/2016	1	MICROSS		Y AS5C4008ECJ-20L		629
5962-9560012QXA	L	09/01/2016	2	MERCURY		Y EDI88512LPA20CB		629
5962-9560012QXA	L	09/01/2016	1	MICROSS		Y AS5C4008CW-20L		629
5962-9560012QZA	L	09/01/2016	2	MERCURY		Y EDI88512LPA20L32B		629
5962-9560012QZA	L	09/01/2016	1	MICROSS		Y AS5C4008EC-20L		629
5962-9560013Q7A	L	09/01/2016	1	MICROSS		Y AS5C512K8SOJ-15L		629
5962-9560013Q9A	L	09/01/2016	2	MERCURY		Y EDI88512LPA15F32B		629
5962-9560013Q9A	L	09/01/2016	1	MICROSS		Y AS5C4008F-15L		629
5962-9560013QMA	L	09/01/2016	2	MERCURY		Y EDI88512LPA15N36B		629
5962-9560013QMA	L	09/01/2016	1	MICROSS		Y AS5C512K8ECJ-15L		629
5962-9560013MNA	L	09/01/2016	1	PYRAMID		Y P4C1049L-15L36MB		629
5962-9560013QNA	L	09/01/2016	1	MICROSS		Y AS5C512K8EC-15L		629
5962-9560013MTA	L	09/01/2016	1	PYRAMID		Y P4C1049L-15FSMB		629
5962-9560013QTA	L	09/01/2016	2	MERCURY	09/30/2018	Y EDI88512LPA15F36B		629
5962-9560013QTA	L	09/01/2016	1	MICROSS		Y AS5C512K8F-15L		629
5962-9560013QUA	L	09/01/2016	2	MERCURY		Y EDI88512LPA15NB		629
5962-9560013QUA	L	09/01/2016	1	MICROSS		Y AS5C4008ECJ-15L		629
5962-9560013QXA	L	09/01/2016	2	MERCURY		Y EDI88512LPA15CB		629
5962-9560013QXA	L	09/01/2016	1	MICROSS		Y AS5C4008CW-15L		629
5962-9560013QZA	L	09/01/2016	2	MERCURY		Y EDI88512LPA15L32B		629
5962-9560013QZA	L	09/01/2016	1	MICROSS		Y AS5C4008EC-15L		629
5962-9560014Q7A	L	09/01/2016	1	MICROSS		Y AS5C512K8SOJ-15		629
5962-9560014Q9A	L	09/01/2016	2	MERCURY		Y EDI88512CA15F32B		629
5962-9560014Q9A	L	09/01/2016	1	MICROSS		Y AS5C4008F-15		629
5962-9560014QMA	L	09/01/2016	2	MERCURY		Y EDI88512CA15N36B		629
5962-9560014QMA	L	09/01/2016	1	MICROSS		Y AS5C512K8ECJ-15		629
5962-9560014MNA	L	09/01/2016	1	PYRAMID		Y P4C1049-15L36MB		629
5962-9560014QNA	L	09/01/2016	1	MICROSS		Y AS5C512K8EC-15		629
5962-9560014MTA	L	09/01/2016	1	PYRAMID		Y P4C1049-15FSMB		629
5962-9560014QTA	L	09/01/2016	2	MERCURY		Y EDI88512CA15F36B		629
5962-9560014QTA	L	09/01/2016	1	MICROSS		Y AS5C512K8F-15		629
5962-9560014QUA	L	09/01/2016	2	MERCURY		Y EDI88512CA15NB		629
5962-9560014QUA	L	09/01/2016	1	MICROSS		Y AS5C4008ECJ-15		629
5962-9560014QXA	L	09/01/2016	2	MERCURY		Y EDI88512CA15CB		629



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5962-9560014QXA	L	09/01/2016	1	MICROSS		Y AS5C4008CW-15		629
5962-9560014QZA	L	09/01/2016	2	MERCURY		Y EDI88512CA15L32B		629
5962-9560014QZA	L	09/01/2016	1	MICROSS		Y AS5C4008EC-15		629
5962-9560015Q7A	L	09/01/2016	1	MICROSS		Y AS5C512K8SOJ-12L		629
5962-9560015Q9A	L	09/01/2016	2	MERCURY		Y EDI88512LPA12F32B		629
5962-9560015Q9A	L	09/01/2016	1	MICROSS		Y AS5C4008F-12L		629
5962-9560015QMA	L	09/01/2016	2	MERCURY		Y EDI88512LPA12N36B		629
5962-9560015QMA	L	09/01/2016	1	MICROSS		Y AS5C512K8ECJ-12L		629
5962-9560015MNA	L	09/01/2016	1	PYRAMID		Y P4C1049L-12L36MB		629
5962-9560015QNA	L	09/01/2016	1	MICROSS		Y AS5C512K8EC-12L		629
5962-9560015MTA	L	09/01/2016	1	PYRAMID		Y P4C1049L-12FSMB		629
5962-9560015QTA	L	09/01/2016	2	MERCURY		Y EDI88512LPA12F36B		629
5962-9560015QTA	L	09/01/2016	1	MICROSS		Y AS5C512K8F-12L		629
5962-9560015QUA	L	09/01/2016	2	MERCURY		Y EDI88512LPA12NB		629
5962-9560015QUA	L	09/01/2016	1	MICROSS		Y AS5C4008ECJ-12L		629
5962-9560015QXA	L	09/01/2016	2	MERCURY		Y EDI88512LPA12CB		629
5962-9560015QXA	L	09/01/2016	1	MICROSS		Y AS5C4008CW-12L		629
5962-9560015QZA	L	09/01/2016	2	MERCURY		Y EDI88512LPA12L32B		629
5962-9560015QZA	L	09/01/2016	1	MICROSS		Y AS5C4008EC-12L		629
5962-9560016Q7A	L	09/01/2016	1	MICROSS		Y AS5C512K8SOJ-12		629
5962-9560016Q9A	L	09/01/2016	2	MERCURY		Y EDI88512CA12F32B		629
5962-9560016Q9A	L	09/01/2016	1	MICROSS		Y AS5C4008F-12		629
5962-9560016QMA	L	09/01/2016	2	MERCURY		Y EDI88512CA12N36B		629
5962-9560016QMA	L	09/01/2016	1	MICROSS		Y AS5C512K8ECJ-12		629
5962-9560016MNA	L	09/01/2016	1	PYRAMID		Y P4C1049-12L36MB		629
5962-9560016QNA	L	09/01/2016	1	MICROSS		Y AS5C512K8EC-12		629
5962-9560016MTA	L	09/01/2016	1	PYRAMID		Y P4C1049-12FSMB		629
5962-9560016QTA	L	09/01/2016	2	MERCURY		Y EDI88512CA12F36B		629
5962-9560016QTA	L	09/01/2016	1	MICROSS		Y AS5C512K8F-12		629
5962-9560016QUA	L	09/01/2016	2	MERCURY		Y EDI88512CA12NB		629
5962-9560016QUA	L	09/01/2016	1	MICROSS		Y AS5C4008ECJ-12		629
5962-9560016QXA	L	09/01/2016	2	MERCURY		Y EDI88512CA12CB		629
5962-9560016QXA	L	09/01/2016	1	MICROSS		Y AS5C4008CW-12		629
5962-9560016QZA	L	09/01/2016	2	MERCURY		Y EDI88512CA12L32B		629
5962-9560016QZA	L	09/01/2016	1	MICROSS		Y AS5C4008EC-12		629
5962-9560017Q6A	L	09/01/2016	3B	DPA		Y DPA71049D02A		629
5962-9560017Q6C	L	09/01/2016	3B	DPA		Y DPA71049D02C		629
5962-9560101HXA	E	09/18/2014	3B	CRANE		Y MHF+28512T/883		594
5962-9560101HXC	E	09/18/2014	3B	CRANE		Y MHF+28512T/883		594
5962-9560101HZA	E	09/18/2014	3B	CRANE		Y MHF+28512TF/883		594
5962-9560101HZC	E	09/18/2014	3B	CRANE		Y MHF+28512TF/883		594
5962-9560201HXA	E	09/22/2014	3B	CRANE		Y MHF+28515T/883		594
5962-9560201HXC	E	09/22/2014	3B	CRANE		Y MHF+28515T/883		594
5962-9560201HZA	E	09/22/2014	3B	CRANE		Y MHF+28515TF/883		594
5962-9560201HZC	E	09/22/2014	3B	CRANE		Y MHF+28515TF/883		594
5962-9560301QPA	E	07/19/2016		(NONE)	12/03/2008	LMC6462A (GEN)		710
5962-9560302QCA	E	07/19/2016	2	TI		Y LMC6464AMJ-QML		713
5962-9560302QXA	E	07/19/2016		(NONE)	12/01/2009	LMC6464A (GEN)		713
5962F9560401V9A	G	09/19/2017	3A	TI		Y LM6172 MDR		710

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5962-9560401QPA	G	09/19/2017	3A	TI		Y LM6172AMJ-QML		710
5962-9560401VPA	G	09/19/2017		(NONE)	12/03/2008	LM6172 (GEN)		710
5962F9560401QPA	G	09/19/2017	3A	TI		Y LM6172AMJFQML		710
5962F9560401VPA	G	09/19/2017	3A	TI		Y LM6172AMJFQMLV		710
5962-9560401QXA	G	09/19/2017		(NONE)		6172 (GEN)		710
5962-9560401VXA	G	09/19/2017		(NONE)	12/03/2008	LM6172 (GEN)		710
5962F9560401QXA	G	09/19/2017		(NONE)	12/03/2008	LM6172 (GEN)		710
5962F9560401VXA	G	09/19/2017		(NONE)	12/03/2008	LM6172 (GEN)		710
5962-9560402QXA	G	09/19/2017	3A	TI		Y LM6172AMGW-QML		710
5962F9560402VXA	G	09/19/2017	3A	TI		Y LM6172AMGWQMLV		710
5962R9560403V9A	G	09/19/2017	3A	TI		Y LM6172-MDE		710
5962R9560403VXA	G	09/19/2017	3A	TI		Y LM6172AMGWRLQV		710
5962-9560501HXA		09/14/1995		(NONE)	05/31/2002	21002 (GEN)		787
5962-9560502HXA		09/14/1995		(NONE)	05/31/2002	21005 (GEN)		787
5962-9560503HXA		09/14/1995		(NONE)	05/31/2002	21007 (GEN)		787
5962-9560504HXA		09/14/1995		(NONE)	05/31/2002	21010 (GEN)		787
5962-9560505HXA		09/14/1995		(NONE)	05/31/2002	21015 (GEN)		787
5962-9560506HXA		09/14/1995		(NONE)	05/31/2002	21020 (GEN)		787
5962-9560507HXA		09/14/1995		(NONE)	05/31/2002	21025 (GEN)		787
5962-9560601Q2A	B	05/16/2013	2	TI		Y SNJ54ABT2245FK		590
5962-9560601QRA	B	05/16/2013	2	TI		Y SNJ54ABT2245J		590
5962-9560601QSA	B	05/16/2013	2	TI		Y SNJ54ABT2245W		590
5962-9560701HXC	B	06/05/2006		(NONE)		ADDC02805 (GEN)		594
5962-9560801NXD	B	04/04/2006	1	TI		Y ACT3641PCB		670
5962-9560801QYA	B	04/04/2006		(NONE)		54ACT3641 (GEN)		670
5962-9560901NXD	F	06/10/2016		(NONE)	11/28/2015	ABT3614 (GEN)		670
5962-9560901QYA	F	06/10/2016		(NONE)		54ABT3614 (GEN)		670
5962-9561001MUC	B	03/24/2014		(NONE)	07/01/2000	3142A-5 (GEN)		431
5962-9561001MXC	B	03/24/2014		(NONE)	07/01/2000	3142A-5 (GEN)		431
5962-9561001MYC	B	03/24/2014		(NONE)	07/01/2000	3142A-5 (GEN)		431
5962-9561001MZC	B	03/24/2014		(NONE)	07/01/2000	3142A-5 (GEN)		431
5962-9561002MUC	B	03/24/2014		(NONE)	07/01/2000	3142A-4 (GEN)		431
5962-9561002MXC	B	03/24/2014		(NONE)	07/01/2000	3142A-4 (GEN)		431
5962-9561002MYC	B	03/24/2014		(NONE)	07/01/2000	3142A-4 (GEN)		431
5962-9561002MZC	B	03/24/2014		(NONE)	07/01/2000	3142A-4 (GEN)		431
5962-9561101MXC	B	03/24/2014		(NONE)	07/01/2000	3190A-5 (GEN)		431
5962-9561101MYC	B	03/24/2014		(NONE)	07/01/2000	3190A-5 (GEN)		431
5962-9561101MZC	B	03/24/2014		(NONE)	07/01/2000	3190A-5 (GEN)		431
5962-9561102MXC	B	03/24/2014		(NONE)	07/01/2000	3190A-4 (GEN)		431
5962-9561102MYC	B	03/24/2014		(NONE)	07/01/2000	3190A-4 (GEN)		431
5962-9561102MZC	B	03/24/2014		(NONE)	07/01/2000	3190A-4 (GEN)		431
5962-9561201MXC	B	04/01/2014		(NONE)	07/01/2000	3195A-5 (GEN)		431
5962-9561201MYC	B	04/01/2014		(NONE)	07/01/2000	3195A-5 (GEN)		431
5962-9561201MZC	B	04/01/2014		(NONE)	07/01/2000	3195A-5 (GEN)		431
5962-9561202MXC	B	04/01/2014		(NONE)	07/01/2000	3195A-4 (GEN)		431
5962-9561202MYC	B	04/01/2014		(NONE)	07/01/2000	3195A-4 (GEN)		431
5962-9561202MZC	B	04/01/2014		(NONE)	07/01/2000	3195A-4 (GEN)		431
5962-9561301HTA	K	04/02/2012	1	MERCURY		Y WMS512K8-120DE		629
5962-9561301HTC	K	04/02/2012	1	MERCURY		Y WMS512K8-120DE		629

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5962-9561301HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8-120C	629
5962-9561301HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8-120C	629
5962-9561302HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8-100DE	629
5962-9561302HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8-100DE	629
5962-9561302HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8-100C	629
5962-9561302HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8-100C	629
5962-9561303HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8-85DE	629
5962-9561303HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8-85DE	629
5962-9561303HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8-85C	629
5962-9561303HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8-85C	629
5962-9561304HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8-70DE	629
5962-9561304HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8-70DE	629
5962-9561304HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8-70C	629
5962-9561304HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8-70C	629
5962-9561305H7A	K	04/02/2012		(NONE)			512K8-55 (GEN)	629
5962-9561305H9A	K	04/02/2012		(NONE)			512K8-55 (GEN)	629
5962-9561305HMA	K	04/02/2012		(NONE)			512K8-55 (GEN)	629
5962-9561305HNA	K	04/02/2012		(NONE)			512K8-55 (GEN)	629
5962-9561305HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8-55DE	629
5962-9561305HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8-55DE	629
5962-9561305HUA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-55FT	629
5962-9561305HUC	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-55FT	629
5962-9561305HXC	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-55F	629
5962-9561305HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8-55C	629
5962-9561305HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8-55C	629
5962-9561305HZA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-55DJ	629
5962-9561305HZC	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-55DJ	629
5962-9561306H7A	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561306H9A	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561306HMA	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561306HNA	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561306HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8-45DE	629
5962-9561306HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8-45DE	629
5962-9561306HUA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-45FT	629
5962-9561306HUC	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-45FT	629
5962-9561306HXC	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-45F	629
5962-9561306HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8-45C	629
5962-9561306HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8-45C	629
5962-9561306HZA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-45DJ	629
5962-9561306HZC	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-45DJ	629
5962-9561307H7A	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561307H9A	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561307HMA	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561307HNA	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561307HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8-35DE	629
5962-9561307HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8-35DE	629
5962-9561307HUA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-35FT	629
5962-9561307HUC	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-35FT	629
5962-9561307HXC	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-35F	629

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5962-9561307HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8-35C	629
5962-9561307HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8-35C	629
5962-9561307HZA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-35DJ	629
5962-9561307HZA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-35DJ	629
5962-9561308H7A	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561308H9A	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561308HMA	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561308HNA	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561308HTA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-25DE	629
5962-9561308HTC	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-25DE	629
5962-9561308HUA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-25FT	629
5962-9561308HUC	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-25FT	629
5962-9561308HXC	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-25F	629
5962-9561308HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8-25C	629
5962-9561308HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8-25C	629
5962-9561308HZA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-25DJ	629
5962-9561308HZA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-25DJ	629
5962-9561309H7A	K	04/02/2012		(NONE)			512K8-20 (GEN)	629
5962-9561309H9A	K	04/02/2012		(NONE)			512K8-20 (GEN)	629
5962-9561309HMA	K	04/02/2012		(NONE)			512K8-20 (GEN)	629
5962-9561309HNA	K	04/02/2012		(NONE)			512K8-20 (GEN)	629
5962-9561309HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8-20DE	629
5962-9561309HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8-20DE	629
5962-9561309HUA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-20FT	629
5962-9561309HUC	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-20FT	629
5962-9561309HXC	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-20F	629
5962-9561309HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8-20C	629
5962-9561309HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8-20C	629
5962-9561309HZA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-20DJ	629
5962-9561309HZA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-20DJ	629
5962-9561310H7A	K	04/02/2012		(NONE)			512K8-17 (GEN)	629
5962-9561310H9A	K	04/02/2012		(NONE)			512K8-17 (GEN)	629
5962-9561310HMA	K	04/02/2012		(NONE)			512K8-17 (GEN)	629
5962-9561310HNA	K	04/02/2012		(NONE)			512K8-17 (GEN)	629
5962-9561310HTA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-17DE	629
5962-9561310HTC	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-17DE	629
5962-9561310HUA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-17FT	629
5962-9561310HUC	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-17FT	629
5962-9561310HXC	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-17F	629
5962-9561310HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8-17C	629
5962-9561310HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8-17C	629
5962-9561310HZA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-17DJ	629
5962-9561310HZA	K	04/02/2012	1	MERCURY	09/30/2018	Y	WMS512K8-17DJ	629
5962-9561311H7A	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561311H9A	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561311HMA	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561311HNA	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561311HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8M-45DE	629
5962-9561311HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8M-45DE	629

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5962-9561311HUA	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561311HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8M-45C	629
5962-9561311HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8M-45C	629
5962-9561311HZA	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561312H7A	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561312H9A	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561312HMA	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561312HNA	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561312HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8M-35DE	629
5962-9561312HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8M-35DE	629
5962-9561312HUA	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561312HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8M-35C	629
5962-9561312HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8M-35C	629
5962-9561312HZA	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561313H7A	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561313H9A	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561313HMA	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561313HNA	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561313HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8M-25DE	629
5962-9561313HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8M-25DE	629
5962-9561313HUA	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561313HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8M-25C	629
5962-9561313HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8M-25C	629
5962-9561313HZA	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561314HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8M-15DE	629
5962-9561314HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8M-15DE	629
5962-9561314HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8M-15C	629
5962-9561314HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8M-15C	629
5962-9561315HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-120DE	629
5962-9561315HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-120DE	629
5962-9561315HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-120C	629
5962-9561315HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-120C	629
5962-9561316HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-100DE	629
5962-9561316HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-100DE	629
5962-9561316HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-100C	629
5962-9561316HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-100C	629
5962-9561317HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-85DE	629
5962-9561317HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-85DE	629
5962-9561317HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-85C	629
5962-9561317HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-85C	629
5962-9561318HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-70DE	629
5962-9561318HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-70DE	629
5962-9561318HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-70C	629
5962-9561318HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-70C	629
5962-9561319H7A	K	04/02/2012		(NONE)			512K8-55 (GEN)	629
5962-9561319H9A	K	04/02/2012		(NONE)			512K8-55 (GEN)	629
5962-9561319HMA	K	04/02/2012		(NONE)			512K8-55 (GEN)	629
5962-9561319HNA	K	04/02/2012		(NONE)			512K8-55 (GEN)	629
5962-9561319HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-55DE	629



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5962-9561319HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-55DE	629
5962-9561319HUA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-55FT	629
5962-9561319HUC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-55FT	629
5962-9561319HXC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-55F	629
5962-9561319HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-55C	629
5962-9561319HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-55C	629
5962-9561319HZA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-55DJ	629
5962-9561319HZA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-55DJ	629
5962-9561320H7A	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561320H9A	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561320HMA	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561320HNA	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561320HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-45DE	629
5962-9561320HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-45DE	629
5962-9561320HUA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-45FT	629
5962-9561320HUC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-45FT	629
5962-9561320HXC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-45F	629
5962-9561320HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-45C	629
5962-9561320HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-45C	629
5962-9561320HZA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-45DJ	629
5962-9561320HZA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-45DJ	629
5962-9561320HZA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-45DJ	629
5962-9561321H7A	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561321H9A	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561321HNA	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561321HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-35DE	629
5962-9561321HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-35DE	629
5962-9561321HUA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-35FT	629
5962-9561321HUC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-35FT	629
5962-9561321HXC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-35F	629
5962-9561321HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-35C	629
5962-9561321HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-35C	629
5962-9561321HZA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-35DJ	629
5962-9561321HZA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-35DJ	629
5962-9561321HZA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-35DJ	629
5962-9561322H7A	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561322H9A	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561322HMA	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561322HNA	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561322HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-25DE	629
5962-9561322HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-25DE	629
5962-9561322HUA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-25FT	629
5962-9561322HUC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-25FT	629
5962-9561322HXC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-25F	629
5962-9561322HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-25C	629
5962-9561322HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-25C	629
5962-9561322HZA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-25DJ	629
5962-9561322HZA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-25DJ	629
5962-9561322HZA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-25DJ	629
5962-9561323H7A	K	04/02/2012		(NONE)			512K8-20 (GEN)	629
5962-9561323H9A	K	04/02/2012		(NONE)			512K8-20 (GEN)	629
5962-9561323HMA	K	04/02/2012		(NONE)			512K8-20 (GEN)	629



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5962-9561323HNA	K	04/02/2012		(NONE)			512K8-20 (GEN)	629
5962-9561323HTA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-20DE	629
5962-9561323HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-20DE	629
5962-9561323HUA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-20FT	629
5962-9561323HUC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-20FT	629
5962-9561323HXC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-20F	629
5962-9561323HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-20C	629
5962-9561323HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-20C	629
5962-9561323HZA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-20DJ	629
5962-9561323HZA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-20DJ	629
5962-9561324H7A	K	04/02/2012		(NONE)			512K8-17 (GEN)	629
5962-9561324H9A	K	04/02/2012		(NONE)			512K8-17 (GEN)	629
5962-9561324HMA	K	04/02/2012		(NONE)			512K8-17 (GEN)	629
5962-9561324HNA	K	04/02/2012		(NONE)			512K8-17 (GEN)	629
5962-9561324HTA	K	04/02/2012	1	MERCURY		Y	512K8-25/H	629
5962-9561324HTC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-17DE	629
5962-9561324HUA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-17FT	629
5962-9561324HUC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-17FT	629
5962-9561324HXC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-17F	629
5962-9561324HYA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-17C	629
5962-9561324HYC	K	04/02/2012	1	MERCURY		Y	WMS512K8L-17C	629
5962-9561324HZA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-17DJ	629
5962-9561324HZA	K	04/02/2012	1	MERCURY		Y	WMS512K8L-17DJ	629
5962-9561325H7A	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561325H9A	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561325HMA	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561325HNA	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561325HTA	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561325HUA	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561325HYA	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561325HZA	K	04/02/2012		(NONE)			512K8-45 (GEN)	629
5962-9561326H7A	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561326H9A	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561326HMA	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561326HNA	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561326HTA	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561326HUA	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561326HYA	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561326HZA	K	04/02/2012		(NONE)			512K8-35 (GEN)	629
5962-9561327H7A	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561327H9A	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561327HMA	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561327HNA	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561327HTA	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561327HUA	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561327HYA	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561327HZA	K	04/02/2012		(NONE)			512K8-25 (GEN)	629
5962-9561328H7A	K	04/02/2012		(NONE)			512K8-12 (GEN)	629
5962-9561328H9A	K	04/02/2012		(NONE)			512K8-12 (GEN)	629

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5962-9561328HMA	K	04/02/2012		(NONE)		512K8-12 (GEN)		629
5962-9561328HNA	K	04/02/2012		(NONE)		512K8-12 (GEN)		629
5962-9561328HTA	K	04/02/2012	1	MERCURY		Y WMS512K8L-12DE		629
5962-9561328HTC	K	04/02/2012	1	MERCURY		Y WMS512K8L-12DE		629
5962-9561328HUA	K	04/02/2012	1	MERCURY		Y WMS512K8L-12FT		629
5962-9561328HUC	K	04/02/2012	1	MERCURY		Y WMS512K8L-12FT		629
5962-9561328HXC	K	04/02/2012	1	MERCURY		Y WMS512K8L-12F		629
5962-9561328HYA	K	04/02/2012	1	MERCURY		Y WMS512K8L-12C		629
5962-9561328HYC	K	04/02/2012	1	MERCURY		Y WMS512K8L-12C		629
5962-9561328HZA	K	04/02/2012	1	MERCURY		Y WMS512K8L-12DJ		629
5962-9561328HZA	K	04/02/2012	1	MERCURY		Y WMS512K8L-12DJ		629
5962-9561329H7A	K	04/02/2012		(NONE)		512K8-12 (GEN)		629
5962-9561329H9A	K	04/02/2012		(NONE)		512K8-12 (GEN)		629
5962-9561329HMA	K	04/02/2012		(NONE)		512K8-12 (GEN)		629
5962-9561329HNA	K	04/02/2012		(NONE)		512K8-12 (GEN)		629
5962-9561329HTA	K	04/02/2012	1	MERCURY		Y WMS512K8-12DE		629
5962-9561329HTC	K	04/02/2012	1	MERCURY		Y WMS512K8-12DE		629
5962-9561329HUA	K	04/02/2012	1	MERCURY		Y WMS512K8-12FT		629
5962-9561329HUC	K	04/02/2012	1	MERCURY		Y WMS512K8-12FT		629
5962-9561329HXC	K	04/02/2012	1	MERCURY		Y WMS512K8-12F		629
5962-9561329HYA	K	04/02/2012	1	MERCURY		Y WMS512K8-12C		629
5962-9561329HYC	K	04/02/2012	1	MERCURY		Y WMS512K8-12C		629
5962-9561329HZA	K	04/02/2012	1	MERCURY		Y WMS512K8-12DJ		629
5962-9561329HZA	K	04/02/2012	1	MERCURY		Y WMS512K8-12DJ		629
5962-9561330HTA	K	04/02/2012	1	MERCURY		Y WMS512K8U-12DE		629
5962-9561330HTC	K	04/02/2012	1	MERCURY		Y WMS512K8U-12DE		629
5962-9561330HUA	K	04/02/2012	1	MERCURY		Y WMS512K8U-12FT		629
5962-9561330HUC	K	04/02/2012	1	MERCURY		Y WMS512K8U-12FT		629
5962-9561330HXC	K	04/02/2012	1	MERCURY		Y WMS512K8U-12F		629
5962-9561330HYA	K	04/02/2012	1	MERCURY		Y WMS512K8U-12C		629
5962-9561330HYC	K	04/02/2012	1	MERCURY		Y WMS512K8U-12C		629
5962-9561330HZA	K	04/02/2012	1	MERCURY		Y WMS512K8U-12DJ		629
5962-9561330HZA	K	04/02/2012	1	MERCURY		Y WMS512K8U-12DJ		629
5962-9561401QXA	B	02/24/2015	2	TI		Y SNJ54ABTH18502AHV		590
5962-9561501MJA	C	09/20/2001		(NONE)		7890S-10 (GEN)		433
5962-9561501MLA	C	09/20/2001		(NONE)	12/17/2009	7890Q-10 (GEN)		433
5962-9561601MXA	A	02/09/2010		(NONE)		SP9320 (GEN)		591
5962-9561701MPA	C	06/25/2014		(NONE)	09/30/2010	17256 (GEN)		662
5962-9561801QXA	B	12/17/2013		(NONE)	09/28/2018	54ACTQ16373 (GEN)		342
5962-9561901QXA	D	07/27/2016	3	E2V		Y 54ACTQ16244FMQB		529
5962-9561901VXA	D	07/27/2016		(NONE)	12/03/2008	54ACTQ16244 (GEN)		529
5962R9561901QXA	D	07/27/2016		(NONE)		54ACTQ16244 (GEN)		529
5962R9561901VXA	D	07/27/2016		(NONE)		54ACTQ16244 (GEN)		529
5962-9562001QXA	E	05/05/2010	1	E2V		Y 54ACTQ16245FMQB		590
5962-9562001VXA	E	05/05/2010		(NONE)	12/03/2008	54ACTQ16245 (GEN)		590
5962R9562001QXA	E	05/05/2010		(NONE)		54ACTQ16245 (GEN)		590
5962R9562001VXA	E	05/05/2010		(NONE)		54ACTQ16245 (GEN)		590
5962R9562101V9A	D	04/19/2010	1	RENESAS		Y CD4029BHSR		319
5962R9562101VEC	D	04/19/2010	1	RENESAS		Y CD4029BDMSR		319

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5962R9562101VXC	D	04/19/2010	1	RENESAS		Y	CD4029BKMSR	319
5962R9562102V9A	D	04/19/2010	1	RENESAS		Y	CD4029BHNSR	319
5962R9562102VEC	D	04/19/2010	1	RENESAS		Y	CD4029BDNSR	319
5962R9562102VXC	D	04/19/2010	1	RENESAS		Y	CD4029BKNSR	319
5962-9562301Q3A	B	10/15/2001		(NONE)			DG406A (GEN)	195
5962-9562301QXA	B	10/15/2001		(NONE)			DG406A (GEN)	195
5962-9562302Q3A	B	10/15/2001		(NONE)			DG407A (GEN)	195
5962-9562302QXA	B	10/15/2001		(NONE)			DG407A (GEN)	195
5962-9562401HNC	D	10/17/2017	1	MERCURY		Y	WS512K32F-120G4Q	629
5962-9562402HNC	D	10/17/2017	1	MERCURY		Y	WS512K32F-100G4Q	629
5962-9562403HNC	D	10/17/2017	1	MERCURY		Y	WS512K32F-85G4Q	629
5962-9562404HNC	D	10/17/2017	1	MERCURY		Y	WS512K32F-70G4Q	629
5962-9562405HNC	D	10/17/2017	1	MERCURY		Y	WS512K32F-55G4Q	629
5962-9562405HNC	D	10/17/2017	1C	MICROSS		Y	AS8S512K32BQFP-55/88	629
5962-9562406HNC	D	10/17/2017	1	MERCURY		Y	WS512K32F-45G4Q	629
5962-9562406HNC	D	10/17/2017	1C	MICROSS		Y	AS8S512K32BQFP-45/88	629
5962-9562407HNC	D	10/17/2017	1	MERCURY		Y	WS512K32F-35G4Q	629
5962-9562407HNC	D	10/17/2017	1C	MICROSS		Y	AS8S512K32BQFP-35/88	629
5962-9562408HNC	D	10/17/2017	1	MERCURY	09/30/2018	Y	WS512K32F-25G4Q	629
5962-9562408HNC	D	10/17/2017	1C	MICROSS		Y	AS8S512K32BQFP-25/88	629
5962-9562409HNC	D	10/17/2017	1	MERCURY		Y	WS512K32F-20G4Q	629
5962-9562409HNC	D	10/17/2017	1C	MICROSS		Y	AS8S512K32BQFP-20/88	629
5962-9562410HNC	D	10/17/2017	1	MERCURY		Y	WS512K32M-45G4Q	629
5962-9562410HNC	D	10/17/2017	1C	MICROSS		Y	AS8S512K32BQFP-45/88	629
5962-9562411HNC	D	10/17/2017	1	MERCURY		Y	WS512K32M-35G4Q	629
5962-9562411HNC	D	10/17/2017	1C	MICROSS		Y	AS8S512K32BQFP-35/88	629
5962-9562412HNC	D	10/17/2017	1	MERCURY		Y	WS512K32M-25G4Q	629
5962-9562412HNC	D	10/17/2017	1C	MICROSS		Y	AS8S512K32BQFP-25/88	629
5962-9562501NXB	B	06/14/2013		(NONE)	12/24/1997		28F016SV (GEN)	669
5962-9562502NXB	B	06/14/2013		(NONE)	12/24/1997		28F016SV (GEN)	669
5962-9562503NXB	B	06/14/2013		(NONE)	12/24/1997		28F016SV (GEN)	669
5962-9562504NXB	B	06/14/2013		(NONE)	12/24/1997		28F016SV (GEN)	669
5962F9562601QXC	H	02/14/2018	1	RENESAS		Y	HS1-6664RH-8	660
5962F9562601VXC	H	02/14/2018	1	RENESAS		Y	HS1-6664RH-Q	660
5962R9562601TXC	H	02/14/2018	1	RENESAS		Y	HS1-6664RH-T	660
5962F9562601QYC	H	02/14/2018	1	RENESAS		Y	HS9-6664RH-8	660
5962F9562601VYC	H	02/14/2018	1	RENESAS		Y	HS9-6664RH-Q	660
5962R9562601TYC	H	02/14/2018	1	RENESAS		Y	HS9-6664RH-T	660
5962-9562701NXD	F	12/14/2017		(NONE)	11/28/2015		ACT7881 (GEN)	670
5962-9562701QYA	F	12/14/2017		(NONE)			54ACT7881 (GEN)	670
5962-9562801QYA	A	01/31/2014		(NONE)			54ACT3632 (GEN)	670
5962-9562901QCA	B	02/06/2013		(NONE)	01/06/2017		DG200A (GEN)	181
5962-9562901QIA	B	02/06/2013		(NONE)			DG200A (GEN)	181
5962R9563001QXC	N	08/20/2013		(NONE)			1840 (GEN)	195
5962R9563001VXC	N	08/20/2013		(NONE)			1840 (GEN)	195
5962R9563001QYC	N	08/20/2013		(NONE)			1840 (GEN)	195
5962R9563001VYC	N	08/20/2013		(NONE)			1840 (GEN)	195
5962F9563002V9A	N	08/20/2013	0	RENESAS		Y	HS0-1840ARH-Q	195
5962F9563002QXC	N	08/20/2013	0	RENESAS		Y	HS1-1840ARH-8	195

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5962F9563002VXC	N	08/20/2013	0	RENESAS		Y HS1-1840ARH-Q		195
5962R9563002TXC	N	08/20/2013	0	RENESAS		Y HS1-1840ARH-T		195
5962F9563002QYC	N	08/20/2013	0	RENESAS		Y HS9-1840ARH-8		195
5962F9563002VYC	N	08/20/2013	0	RENESAS		Y HS9-1840ARH-Q		195
5962R9563002TYC	N	08/20/2013		(NONE)		1840A (GEN)		195
5962F9563002VZC	N	08/20/2013	0	RENESAS		Y HS9G-1840ARH-Q		195
5962F9563003V9A	N	08/20/2013	0	RENESAS		Y HS0-1840BRH-Q		195
5962F9563003QXC	N	08/20/2013	0	RENESAS		Y HS1-1840BRH-8		195
5962F9563003VXC	N	08/20/2013	0	RENESAS		Y HS1-1840BRH-Q		195
5962F9563003QYC	N	08/20/2013	0	RENESAS		Y HS9-1840BRH-8		195
5962F9563003VYC	N	08/20/2013	0	RENESAS		Y HS9-1840BRH-Q		195
5962F9563004V9A	N	08/20/2013	0	RENESAS		Y HS0-1840AEH-Q		195
5962F9563004VXC	N	08/20/2013	0	RENESAS		Y HS1-1840AEH-Q		195
5962F9563004VYC	N	08/20/2013	0	RENESAS		Y HS9-1840AEH-Q		195
5962F9563005V9A	N	08/20/2013	0	RENESAS		Y HS0-1840BEH-Q		195
5962F9563005VXC	N	08/20/2013	0	RENESAS		Y HS1-1840BEH-Q		195
5962F9563005VYC	N	08/20/2013	0	RENESAS		Y HS9-1840BEH-Q		195
5962F9563101V9A	J	01/10/2019	1	RENESAS		Y HS0-26CT32RH-Q		575
5962F9563101QEC	J	01/10/2019	1	RENESAS		Y HS1-26CT32RH-8		575
5962F9563101VEC	J	01/10/2019	1	RENESAS		Y HS1-26CT32RH-Q		575
5962P9563101QEA	J	01/10/2019		(NONE)		26CT32 (GEN)		575
5962P9563101VEA	J	01/10/2019		(NONE)		26CT32 (GEN)		575
5962R9563101TEC	J	01/10/2019	1	RENESAS		Y HS1-26CT32RH-T		575
5962F9563101QXC	J	01/10/2019	1	RENESAS		Y HS9-26CT32RH-8		575
5962F9563101VXC	J	01/10/2019	1	RENESAS		Y HS9-26CT32RH-Q		575
5962P9563101QXA	J	01/10/2019		(NONE)		26CT32 (GEN)		575
5962P9563101VXA	J	01/10/2019		(NONE)		26CT32 (GEN)		575
5962R9563101TXC	J	01/10/2019	1	RENESAS		Y HS9-26CT32RH-T		575
5962F9563101VYC	J	01/10/2019	1	RENESAS		Y HS9G-26CT32RH-Q		575
5962F9563102V9A	J	01/10/2019	1	RENESAS		Y HS0-26CT32EH-Q		575
5962F9563102VEC	J	01/10/2019	1	RENESAS		Y HS1-26CT32EH-Q		575
5962F9563102VXC	J	01/10/2019	1	RENESAS		Y HS9-26CT32EH-Q		575
5962F9563201V9A	H	04/01/2014	1	RENESAS		Y HS0-26CT31RH-Q		569
5962D9563201QEA	H	04/01/2014		(NONE)		26CT31 (GEN)		569
5962D9563201VEA	H	04/01/2014		(NONE)		26CT31 (GEN)		569
5962F9563201QEC	H	04/01/2014	1	RENESAS		Y HS1-26CT31RH-8		569
5962F9563201VEC	H	04/01/2014	1	RENESAS		Y HS1-26CT31RH-Q		569
5962R9563201TEC	H	04/01/2014	1	RENESAS		Y HS1-26CT31RH-T		569
5962D9563201QXA	H	04/01/2014		(NONE)		26CT31 (GEN)		569
5962D9563201VXA	H	04/01/2014		(NONE)		26CT31 (GEN)		569
5962F9563201QXC	H	04/01/2014	1	RENESAS		Y HS9-26CT31RH-8		569
5962F9563201VXC	H	04/01/2014	1	RENESAS		Y HS9-26CT31RH-Q		569
5962R9563201TXC	H	04/01/2014	1	RENESAS		Y HS9-26CT31RH-T		569
5962F9563201VYC	H	04/01/2014	1	RENESAS		Y HS9G-26CT31RH-Q		569
5962F9563202V9A	H	04/01/2014	1	RENESAS		Y HS0-26CT31EH-Q		569
5962F9563202VEC	H	04/01/2014	1	RENESAS		Y HS1-26CT31EH-Q		569
5962F9563202VXC	H	04/01/2014	1	RENESAS		Y HS9-26CT31EH-Q		569
5962-9563301Q2A	C	11/02/2018	1	TI		Y SNJ55453BFBK		582
5962-9563301QPA	C	11/02/2018	1	TI		Y SNJ55453BJG		582

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5962F9563501V9A	D	06/01/1999		(NONE)	03/23/2003		HS-RTX2010 (GEN)	420
5962F9563501QXC	D	06/01/1999		(NONE)	09/23/2001		HS-RTX2010 (GEN)	420
5962F9563501VXC	D	06/01/1999		(NONE)	09/23/2001		HS-RTX2010 (GEN)	420
5962F9563501QYC	D	06/01/1999		(NONE)	03/23/2003		HS-RTX2010 (GEN)	420
5962F9563501VYC	D	06/01/1999		(NONE)	03/23/2003		HS-RTX2010 (GEN)	420
5962F9563601V9A	B	10/16/1998		(NONE)			ACTS00 (GEN)	100
5962F9563601VCC	B	10/16/1998		(NONE)			ACTS00 (GEN)	100
5962F9563601VXC	B	10/16/1998		(NONE)			ACTS00 (GEN)	100
5962F9563602V9A	B	10/16/1998		(NONE)			ACTS00-02 (GEN)	100
5962F9563602VCC	B	10/16/1998		(NONE)			ACTS00-02 (GEN)	100
5962F9563602VXC	B	10/16/1998		(NONE)			ACTS00-02 (GEN)	100
5962R9563701V9A	B	02/02/2004		(NONE)			HCTS00 (GEN)	100
5962R9563701VCC	B	02/02/2004		(NONE)	11/06/2007		HCTS00 (GEN)	100
5962R9563701VXC	B	02/02/2004		(NONE)	11/06/2007		HCTS00 (GEN)	100
5962H9563801Q9A	G	01/23/2008	1	COBHAM		Y	UT69RH051-Q DIE	420
5962H9563801V9A	G	01/23/2008	1	COBHAM		Y	UT69RH051-V DIE	420
5962H9563801QQA	G	01/23/2008	1	COBHAM		Y	UT69RH051PCA	420
5962H9563801QQC	G	01/23/2008	1	COBHAM		Y	UT69RH051PCC	420
5962H9563801VQA	G	01/23/2008	1	COBHAM		Y	UT69RH051PCA	420
5962H9563801VQC	G	01/23/2008	1	COBHAM		Y	UT69RH051PCC	420
5962H9563801QYA	G	01/23/2008	1	COBHAM		Y	UT69RH051WCA	420
5962H9563801QYC	G	01/23/2008	1	COBHAM		Y	UT69RH051WCC	420
5962H9563801VYA	G	01/23/2008	1	COBHAM		Y	UT69RH051WCA	420
5962H9563801VYC	G	01/23/2008	1	COBHAM		Y	UT69RH051WCC	420
5962-9563901MGA	B	10/14/2009		(NONE)	05/14/2011		AMP03 (GEN)	712
5962-9564001Q2A	G	04/08/2014	2	TI		Y	TLC2252MFKB	710
5962-9564001QHA	G	04/08/2014	2	TI		Y	TLC2252MUB	710
5962-9564001QPA	G	04/08/2014	2	TI		Y	TLC2252MJGB	710
5962-9564001NXD	G	04/08/2014		(NONE)	11/28/2015		TLC2252M (GEN)	710
5962-9564002Q2A	G	04/08/2014	2	TI		Y	TLC2254MFKB	713
5962-9564002QCA	G	04/08/2014		(NONE)	11/28/2015		TLC2254M (GEN)	713
5962-9564002QDA	G	04/08/2014	2	TI		Y	TLC2254MWB	713
5962-9564002NYD	G	04/08/2014		(NONE)	11/28/2015		TLC2254M (GEN)	713
5962-9564003Q2A	G	04/08/2014	2	TI		Y	TLC2252AMFKB	710
5962-9564003QHA	G	04/08/2014	2	TI		Y	TLC2252AMUB	710
5962-9564003QPA	G	04/08/2014	2	TI		Y	TLC2252AMJGB	710
5962-9564003NXD	G	04/08/2014	2	TI		Y	TLC2252AMDQ	710
5962-9564004Q2A	G	04/08/2014	2	TI		Y	TLC2254AMFKB	713
5962-9564004QCA	G	04/08/2014		(NONE)	11/28/2015		TLC2254AM (GEN)	713
5962-9564004QDA	G	04/08/2014	2	TI		Y	TLC2254AMWB	713
5962-9564004NYD	G	04/08/2014		(NONE)	11/28/2015		TLC2254AM (GEN)	713
5962-9564101MPA	A	04/05/2011		(NONE)	03/30/2001		LT1215 (GEN)	710
5962-9564102MPA	A	04/05/2011		(NONE)	03/30/2001		LT1215A (GEN)	710
5962-9564201Q2A	E	01/30/2018	2	TI		Y	SNJ54LVTH245AFK	590
5962-9564201V2A	E	01/30/2018	2	TI		Y	SNV54LVTH245AFK	590
5962-9564201QRA	E	01/30/2018	2	TI		Y	SNJ54LVTH245AJ	590
5962-9564201VRA	E	01/30/2018	2	TI		Y	SNV54LVTH245AJ	590
5962-9564201QSA	E	01/30/2018	2	TI		Y	SNJ54LVTH245AW	590
5962-9564201VSA	E	01/30/2018	2	TI		Y	SNV54LVTH245AW	590



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5962-9564301QXA	E	09/24/2014		(NONE)			55166-80 (GEN)	629
5962-9564301QYC	E	09/24/2014		(NONE)			55166-80 (GEN)	629
5962-9564302QXA	E	09/24/2014		(NONE)			55166-70 (GEN)	629
5962-9564302QYC	E	09/24/2014		(NONE)			55166-70 (GEN)	629
5962-9564303QXA	E	09/24/2014		(NONE)			55166-75 (GEN)	629
5962-9564303QYC	E	09/24/2014		(NONE)			55166-75 (GEN)	629
5962-9564601QXA	C	11/25/2014	2	TI	09/26/2018	Y	SNJ54ABT16841WD	341
5962-9564701QXA	D	02/27/2015	2	TI	09/26/2018	Y	SNJ54LVTH16374WD	159
5962-9564801HXA	C	12/10/2013	1	INTER. RECT.2		Y	ASA2812D/CH	594
5962F9565001V9A	C	07/17/2000		(NONE)			ACS00 (GEN)	100
5962F9565001VCC	C	07/17/2000		(NONE)			ACS00 (GEN)	100
5962F9565001VXC	C	07/17/2000		(NONE)			ACS00 (GEN)	100
5962F9565002V9A	C	07/17/2000		(NONE)	03/26/2000		ACS00-02 (GEN)	100
5962F9565002VCC	C	07/17/2000		(NONE)			ACS00-02 (GEN)	100
5962F9565002VXC	C	07/17/2000		(NONE)			ACS00-02 (GEN)	100
5962F9565101V9A	C	07/17/2000		(NONE)	08/15/2005		ACS08 (GEN)	110
5962F9565101VCC	C	07/17/2000		(NONE)	08/15/2005		ACS08 (GEN)	110
5962F9565101VXC	C	07/17/2000		(NONE)	08/15/2005		ACS08 (GEN)	110
5962F9565102V9A	C	07/17/2000		(NONE)	03/26/2000		ACS08-02 (GEN)	110
5962F9565102VCC	C	07/17/2000		(NONE)			ACS08-02 (GEN)	110
5962F9565102VXC	C	07/17/2000		(NONE)			ACS08-02 (GEN)	110
5962F9565201VCC	E	12/21/2016		(NONE)			ACS10 (GEN)	102
5962F9565201VXC	E	12/21/2016		(NONE)			ACS10 (GEN)	102
5962F9565202V9A	E	12/21/2016	1	RENESAS		Y	ACS10HMSR-02	102
5962F9565202VCC	E	12/21/2016	1	RENESAS		Y	ACS10DMSR-02	102
5962F9565202VXC	E	12/21/2016	1	RENESAS		Y	ACS10KMSR-02	102
5962F9565301VCC	C	08/01/2000		(NONE)			ACS20 (GEN)	104
5962F9565301VXC	C	08/01/2000		(NONE)	09/24/2000		ACS20 (GEN)	104
5962F9565302V9A	C	08/01/2000		(NONE)			ACS20 (GEN)	104
5962F9565302VCC	C	08/01/2000		(NONE)			ACS20 (GEN)	104
5962F9565302VXC	C	08/01/2000		(NONE)			ACS20 (GEN)	104
5962F9565401VCC	C	08/01/2000		(NONE)			ACS86 (GEN)	140
5962F9565401VXC	C	08/01/2000		(NONE)			ACS86 (GEN)	140
5962F9565402V9A	C	08/01/2000		(NONE)			ACS86 (GEN)	140
5962F9565402VCC	C	08/01/2000		(NONE)			ACS86 (GEN)	140
5962F9565402VXC	C	08/01/2000		(NONE)			ACS86 (GEN)	140
5962F9565501V9A	C	08/01/2000		(NONE)			ACS373 (GEN)	341
5962F9565501VRC	C	08/01/2000		(NONE)	02/06/2007		ACS373 (GEN)	341
5962F9565501VXC	C	08/01/2000		(NONE)	02/06/2007		ACS373 (GEN)	341
5962F9565502V9A	C	08/01/2000		(NONE)			ACS373-02 (GEN)	341
5962F9565502VRC	C	08/01/2000		(NONE)			ACS373-02 (GEN)	341
5962F9565502VXC	C	08/01/2000		(NONE)			ACS373-02 (GEN)	341
5962F9565601V9A	D	05/04/2009		(NONE)			ACS374 (GEN)	159
5962F9565601VRC	D	05/04/2009	1	RENESAS		Y	ACS374DMSR	159
5962F9565601VXC	D	05/04/2009	1	RENESAS		Y	ACS374KMSR	159
5962F9565602V9A	D	05/04/2009		(NONE)			ACS374-02 (GEN)	159
5962F9565602VRC	D	05/04/2009		(NONE)			ACS374-02 (GEN)	159
5962F9565602VXC	D	05/04/2009		(NONE)			ACS374-02 (GEN)	159
5962F9565701VCC	D	03/25/2010		(NONE)			ACTS08 (GEN)	110

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5962F9565701VXC	D	03/25/2010		(NONE)			ACTS08 (GEN)	110
5962F9565702V9A	D	03/25/2010		(NONE)			ACTS08 (GEN)	110
5962F9565702VCC	D	03/25/2010		(NONE)	11/06/2007		ACTS08-02 (GEN)	110
5962F9565702VXC	D	03/25/2010		(NONE)	10/29/2010		ACTS08-02 (GEN)	110
5962F9565801VCC	C	08/10/2000		(NONE)			ACTS10 (GEN)	102
5962F9565801VXC	C	08/10/2000		(NONE)			ACTS10 (GEN)	102
5962F9565802V9A	C	08/10/2000		(NONE)			ACTS10 (GEN)	102
5962F9565802VCC	C	08/10/2000		(NONE)			ACTS10 (GEN)	102
5962F9565802VXC	C	08/10/2000		(NONE)			ACTS10 (GEN)	102
5962F9565901VCC	C	08/10/2000		(NONE)			ACTS20 (GEN)	104
5962F9565901VXC	C	08/10/2000		(NONE)			ACTS20 (GEN)	104
5962F9565902V9A	C	08/10/2000		(NONE)			ACTS20 (GEN)	104
5962F9565902VCC	C	08/10/2000		(NONE)			ACTS20 (GEN)	104
5962F9565902VXC	C	08/10/2000		(NONE)			ACTS20 (GEN)	104
5962F9566001VCC	C	08/10/2000		(NONE)			ACTS86 (GEN)	140
5962F9566001VXC	C	08/10/2000		(NONE)			ACTS86 (GEN)	140
5962F9566002V9A	C	08/10/2000		(NONE)			ACTS86 (GEN)	140
5962F9566002VCC	C	08/10/2000		(NONE)			ACTS86 (GEN)	140
5962F9566002VXC	C	08/10/2000		(NONE)			ACTS86 (GEN)	140
5962F9566101VRC	D	05/04/2009		(NONE)			ACTS373 (GEN)	341
5962F9566101VXC	D	05/04/2009		(NONE)			ACTS373 (GEN)	341
5962F9566102V9A	D	05/04/2009		(NONE)			ACTS373 (GEN)	341
5962F9566102VRC	D	05/04/2009		(NONE)	12/10/2015		ACTS373-02 (GEN)	341
5962F9566102VXC	D	05/04/2009		(NONE)	12/10/2015		ACTS373-02 (GEN)	341
5962F9566201V9A	B	10/16/1998		(NONE)			ACTS374 (GEN)	159
5962F9566201VRC	B	10/16/1998		(NONE)			ACTS374 (GEN)	159
5962F9566201VXC	B	10/16/1998		(NONE)			ACTS374 (GEN)	159
5962F9566202V9A	B	10/16/1998		(NONE)			ACTS374-02 (GEN)	159
5962F9566202VRC	B	10/16/1998		(NONE)			ACTS374-02 (GEN)	159
5962F9566202VXC	B	10/16/1998		(NONE)			ACTS374-02 (GEN)	159
5962R9566301V9A	D	04/15/2009		(NONE)			HCTS164 (GEN)	226
5962R9566301VCC	D	04/15/2009	1	RENESAS		Y	HCTS164DMSR	226
5962R9566301VXC	D	04/15/2009	1	RENESAS		Y	HCTS164KMSR	226
5962-9566501MPA	B	12/20/2016		(NONE)			LT1213 (GEN)	710
5962-9566601Q2A	E	01/22/2014		(NONE)	11/28/2015		TLV2252M (GEN)	710
5962-9566601QHA	E	01/22/2014		(NONE)	11/28/2015		TLV2252M (GEN)	710
5962-9566601QPA	E	01/22/2014	2	TI		Y	TLV2252MJGB	710
5962-9566602Q2A	E	01/22/2014		(NONE)	11/28/2015		TLV2254M (GEN)	713
5962-9566602QCA	E	01/22/2014		(NONE)	11/28/2015		TLV2254M (GEN)	713
5962-9566602QDA	E	01/22/2014		(NONE)	11/28/2015		TLV2254M (GEN)	713
5962-9566603Q2A	E	01/22/2014		(NONE)	11/28/2015		TLV2252AM (GEN)	710
5962-9566603QHA	E	01/22/2014		(NONE)	11/28/2015		TLV2252AM (GEN)	710
5962-9566603QPA	E	01/22/2014	2	TI		Y	TLV2252AMJGB	710
5962-9566604Q2A	E	01/22/2014		(NONE)	11/28/2015		TLV2254AM (GEN)	713
5962-9566604QCA	E	01/22/2014		(NONE)	11/28/2015		TLV2254AM (GEN)	713
5962-9566604QDA	E	01/22/2014		(NONE)	11/28/2015		TLV2254AM (GEN)	713
5962-9566701MEA	C	11/26/2018		(NONE)	07/10/2015		MAX532A (GEN)	591
5962-9566702MEA	C	11/26/2018	1	MAXIM INTEG.			MAX532BMJE/883B	591
5962-9566801HXA	C	03/18/2015		(NONE)			MSK1259B (GEN)	739

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5962-9566801HXC	C	03/18/2015	1	ANAREN		Y MSK1259B		739
5962R9566901VCC	D	02/25/2015		(NONE)	08/11/2014	HS-2420 (GEN)		818
5962R9566902VCC	D	02/25/2015	1	RENESAS		Y HS1B-2420EH-Q		818
5962D9567001VCA	C	09/24/2003		(NONE)		HS-2700A (GEN)		701
5962D9567001VGA	C	09/24/2003		(NONE)		HS-2700A (GEN)		701
5962D9567002VCC	C	09/24/2003		(NONE)	09/01/2005	HS-2700 (GEN)		701
5962D9567002VGA	C	09/24/2003		(NONE)	09/01/2005	HS-2700 (GEN)		701
5962D9567101VPC	B	11/14/2006		(NONE)		HS-2600 (GEN)		755
5962R9567901V9A	D	04/21/2009		(NONE)		HCS02 (GEN)		120
5962R9567901VCC	D	04/21/2009		(NONE)	11/13/2011	HCS02 (GEN)		120
5962R9567901VXC	D	04/21/2009		(NONE)	12/30/2014	HCS02 (GEN)		120
5962R9568001V9A	B	09/15/2000		(NONE)	05/05/2007	HCS08 (GEN)		110
5962R9568001VCC	B	09/15/2000		(NONE)	05/05/2007	HCS08 (GEN)		110
5962R9568001VXC	B	09/15/2000		(NONE)	05/05/2007	HCS08 (GEN)		110
5962R9568101V9A	B	08/23/2000		(NONE)	07/12/2004	HCS14 (GEN)		143
5962R9568101VCC	B	08/23/2000		(NONE)	07/12/2004	HCS14 (GEN)		143
5962R9568101VXC	B	08/23/2000		(NONE)	07/12/2004	HCS14 (GEN)		143
5962R9568201V9A	C	08/25/2000		(NONE)		HCTS02 (GEN)		120
5962R9568201VCC	C	08/25/2000		(NONE)	12/28/2003	HCTS02 (GEN)		120
5962R9568201VXC	C	08/25/2000		(NONE)	12/28/2003	HCTS02 (GEN)		120
5962R9568301V9A	B	08/25/2000		(NONE)	05/05/2007	HCTS08 (GEN)		110
5962R9568301VCC	B	08/25/2000		(NONE)	12/31/2012	HCTS08 (GEN)		110
5962R9568301VXC	B	08/25/2000		(NONE)	07/01/2012	HCTS08 (GEN)		110
5962D9568401VEC	C	03/16/2007		(NONE)		HS-2400 (GEN)		739
5962D9568501V9A	E	03/15/2007		(NONE)	01/07/2003	HS-2520 (GEN)		702
5962D9568501VGA	E	03/15/2007		(NONE)	09/01/2005	HS-2520 (GEN)		702
5962D9568501VPC	E	03/15/2007		(NONE)	09/01/2005	HS-2520 (GEN)		702
5962D9568601VPC	C	06/16/2010		(NONE)	09/01/2005	HS-2510 (GEN)		719
5962D9568601VXC	C	06/16/2010		(NONE)	09/01/2005	HS-2510 (GEN)		719
5962F9568701V9A	E	06/11/2013	1	RENESAS		Y HSO-3530ARH-Q		700
5962F9568701QGA	E	06/11/2013	1	RENESAS		Y HS2-3530ARH-8		700
5962F9568701VGA	E	06/11/2013	1	RENESAS		Y HS2-3530ARH-Q		700
5962F9568701VXC	E	06/11/2013	1	RENESAS		Y HS9-3530ARH-Q		700
5962F9568702V9A	E	06/11/2013	1	RENESAS		Y HSO-3530AEH-Q		700
5962F9568702VGA	E	06/11/2013	1	RENESAS		Y HS2-3530AEH-Q		700
5962F9568702VXC	E	06/11/2013	1	RENESAS		Y HS9-3530AEH-Q		700
5962D9568801VGA	D	04/23/2007		(NONE)		HS-2620 (GEN)		755
5962D9568801VPC	D	04/23/2007		(NONE)	01/07/2003	HS-2620 (GEN)		755
5962D9568802VGC	D	04/23/2007		(NONE)		HS-2622 (GEN)		755
5962D9568802VPC	D	04/23/2007		(NONE)	09/15/2005	HS-2622 (GEN)		755
5962F9568901V9A	L	01/18/2019	1	RENESAS		Y HS0-26C32RH-Q		575
5962F9568901QEC	L	01/18/2019	1	RENESAS		Y HS1-26C32RH-8		575
5962F9568901VEC	L	01/18/2019	1	RENESAS		Y HS1-26C32RH-Q		575
5962P9568901QEA	L	01/18/2019		(NONE)		26C32 (GEN)		575
5962P9568901VEA	L	01/18/2019		(NONE)		26C32 (GEN)		575
5962R9568901TEC	L	01/18/2019	1	RENESAS		Y HS1-26C32RH-T		575
5962F9568901QXC	L	01/18/2019	1	RENESAS		Y HS9-26C32RH-8		575
5962F9568901VXC	L	01/18/2019	1	RENESAS		Y HS9-26C32RH-Q		575
5962P9568901QXA	L	01/18/2019		(NONE)		26C32 (GEN)		575

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5962P9568901VXA	L	01/18/2019		(NONE)		26C32 (GEN)		575
5962R9568901TXC	L	01/18/2019	1	RENESAS		Y HS9-26C32RH-T		575
5962F9568901VYC	L	01/18/2019	1	RENESAS		Y HS9G-26C32RH-Q		575
5962F9568902V9A	L	01/18/2019	1	RENESAS		Y HS0-26CLV32RH-Q		575
5962F9568902QEC	L	01/18/2019	1	RENESAS		Y HS1-26CLV32RH-8		575
5962F9568902VEC	L	01/18/2019	1	RENESAS		Y HS1-26CLV32RH-Q		575
5962R9568902TEC	L	01/18/2019	1	RENESAS		Y HS1-26CLV32RH-T		575
5962F9568902QXC	L	01/18/2019	1	RENESAS		Y HS9-26CLV32RH-8		575
5962F9568902VXC	L	01/18/2019	1	RENESAS		Y HS9-26CLV32RH-Q		575
5962R9568902TXC	L	01/18/2019	1	RENESAS		Y HS9-26CLV32RH-T		575
5962F9568902VYC	L	01/18/2019	1	RENESAS		Y HS9G-26CLV32RH-Q		575
5962F9568903V9A	L	01/18/2019	1	RENESAS		Y HS0-26C32EH-Q		575
5962F9568903VEC	L	01/18/2019	1	RENESAS		Y HS1-26C32EH-Q		575
5962F9568903VXC	L	01/18/2019	1	RENESAS		Y HS9-26C32EH-Q		575
5962F9568904V9A	L	01/18/2019	1	RENESAS		Y HS0-26CLV32EH-Q		575
5962F9568904VEC	L	01/18/2019	1	RENESAS		Y HS1-26CLV32EH-Q		575
5962F9568904VXC	L	01/18/2019	1	RENESAS		Y HS9-26CLV32EH-Q		575
5962F9568904VYC	L	01/18/2019	1	RENESAS		Y HS9G-26CLV32EH-Q		575
5962R9569001V9A	G	07/31/2013		(NONE)	04/30/2018	HS-5104A (GEN)		713
5962R9569001QCC	G	07/31/2013		(NONE)	04/30/2018	HS-5104A (GEN)		713
5962R9569001TCC	G	07/31/2013		(NONE)	04/30/2018	HS-5104A (GEN)		713
5962R9569001VCC	G	07/31/2013		(NONE)	04/30/2018	HS-5104A (GEN)		713
5962R9569001QXC	G	07/31/2013		(NONE)	04/30/2018	HS-5104A (GEN)		713
5962R9569001TXC	G	07/31/2013		(NONE)	04/30/2018	HS-5104A (GEN)		713
5962R9569001VXC	G	07/31/2013		(NONE)	04/30/2018	HS-5104A (GEN)		713
5962R9569002V9A	G	07/31/2013	1	RENESAS		Y HS0-5104AEH-Q		713
5962R9569002VCC	G	07/31/2013	1	RENESAS		Y HS1-5104AEH-Q		713
5962R9569002VXC	G	07/31/2013	1	RENESAS		Y HS9-5104AEH-Q		713
5962D9569101VXA	C	10/01/2010		(NONE)	03/25/2001	HS-506 (GEN)		195
5962D9569102VXA	C	10/01/2010		(NONE)	03/25/2001	HS-507 (GEN)		194
5962D9569201VEA	B	10/14/2010		(NONE)	03/25/2001	HS-0508 (GEN)		193
5962D9569202VEA	B	10/14/2010		(NONE)	03/25/2001	HS-0509 (GEN)		192
5962D9569301V9A	E	11/09/2010	1	RENESAS		Y HS0-0546RH-Q		195
5962D9569301VXA	E	11/09/2010		(NONE)	01/07/2003	HS-0546 (GEN)		195
5962D9569301VXC	E	11/09/2010	1	RENESAS		Y HS1B-0546RH-Q		195
5962D9569302V9A	E	11/09/2010	1	RENESAS		Y HS0-0547RH-Q		194
5962D9569302VXC	E	11/09/2010	1	RENESAS		Y HS1B-0547RH-Q		194
5962D9569401VEA	E	09/07/2017		(NONE)		HS-0548 (GEN)		194
5962D9569401VEC	E	09/07/2017	1	RENESAS		Y HS1B-0548RH-Q		194
5962D9569402VEA	E	09/07/2017		(NONE)	01/07/2003	HS-0549 (GEN)		192
5962D9569402VEC	E	09/07/2017		(NONE)		HS-0549 (GEN)		192
5962-9569601HXA	E	04/23/2014	1	CRANE		Y MCH2805S/883		594
5962-9569601HXC	E	04/23/2014	1	CRANE		Y MCH2805S/883		594
5962-9569601HYA	E	04/23/2014	1	CRANE		Y MGH2805S/883		594
5962-9569601HYC	E	04/23/2014	1	CRANE		Y MGH2805S/883		594
5962-9569601HZA	E	04/23/2014	1	CRANE		Y MGH2805SZ/883		594
5962-9569701HXA	E	04/23/2014	1	CRANE		Y MCH2812S/883		594
5962-9569701HXC	E	04/23/2014	1	CRANE		Y MCH2812S/883		594
5962-9569701HYA	E	04/23/2014	1	CRANE		Y MGH2812S/883		594



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5962-9569701HXC	E	04/23/2014	1	CRANE		Y MGH2812S/883		594
5962-9569701HZA	E	04/23/2014	1	CRANE		Y MGH2812SZ/883		594
5962-9569801HXA	E	04/23/2014	1	CRANE		Y MCH2815S/883		594
5962-9569801HXC	E	04/23/2014	1	CRANE		Y MCH2815S/883		594
5962-9569801HYA	E	04/23/2014	1	CRANE		Y MGH2815S/883		594
5962-9569801HXC	E	04/23/2014	1	CRANE		Y MGH2815S/883		594
5962-9569801HZA	E	04/23/2014	1	CRANE		Y MGH2815SZ/883		594
5962-9569901HXA		08/13/1996		(NONE)		2805SN (GEN)		594
5962-9570001HXA		08/14/1996		(NONE)		2812SN (GEN)		594
5962-9570101HXA		08/14/1996		(NONE)		2815SN (GEN)		594
5962-9570201HXA	E	08/01/2017	1	CRANE		Y MCH2805D/883		594
5962-9570201HXC	E	08/01/2017	1	CRANE		Y MCH2805D/883		594
5962-9570201HYA	E	08/01/2017	1	CRANE		Y MGH2805D/883		594
5962-9570201HXC	E	08/01/2017	1	CRANE		Y MGH2805D/883		594
5962-9570201HZA	E	08/01/2017	1	CRANE		Y MGH2805DZ/883		594
5962-9570301HXA	E	08/01/2017	1	CRANE		Y MCH2812D/883		594
5962-9570301HXC	E	08/01/2017	1	CRANE		Y MCH2812D/883		594
5962-9570301HYA	E	08/01/2017	1	CRANE		Y MGH2812D/883		594
5962-9570301HXC	E	08/01/2017	1	CRANE		Y MGH2812D/883		594
5962-9570301HZA	E	08/01/2017	1	CRANE		Y MGH2812DZ/883		594
5962-9570401HXA	E	10/12/2017	1	CRANE		Y MCH2815D/883		594
5962-9570401HXC	E	10/12/2017	1	CRANE		Y MCH2815D/883		594
5962-9570401HYA	E	10/12/2017	1	CRANE		Y MGH2815D/883		594
5962-9570401HXC	E	10/12/2017	1	CRANE		Y MGH2815D/883		594
5962-9570401HZA	E	10/12/2017	1	CRANE		Y MGH2815DZ/883		594
5962-9570501HXA		06/28/1996		(NONE)		2805DN (GEN)		594
5962-9570601HXA		06/28/1996		(NONE)		2812DN (GEN)		594
5962-9570701HXA		06/28/1996		(NONE)		2815DN (GEN)		594
5962R9570801QJC	E	07/01/2013		(NONE)	06/29/2002	HS-6617 (GEN)		616
5962R9570801TJC	E	07/01/2013		(NONE)	06/29/2002	HS-6617 (GEN)		616
5962R9570801VJC	E	07/01/2013		(NONE)	06/29/2002	HS-6617 (GEN)		616
5962R9570801QXC	E	07/01/2013		(NONE)	06/29/2002	HS-6617 (GEN)		616
5962R9570801TXC	E	07/01/2013		(NONE)	06/29/2002	HS-6617 (GEN)		616
5962R9570801VXC	E	07/01/2013		(NONE)	06/29/2002	HS-6617 (GEN)		616
5962-9570901M2A	D	02/20/2008		(NONE)		2990-15 (GEN)		783
5962-9570901M4A	D	02/20/2008		(NONE)		2990-15 (GEN)		783
5962-9570901QEA	D	02/20/2008		(NONE)	12/03/2008	LM2990-15 (GEN)		783
5962-9570901MMA	D	02/20/2008		(NONE)		2990-15 (GEN)		783
5962-9570901MNA	D	02/20/2008		(NONE)		2990-15 (GEN)		783
5962-9570901MTA	D	02/20/2008		(NONE)		2990-15 (GEN)		783
5962-9570901MUA	D	02/20/2008		(NONE)		2990-15 (GEN)		783
5962-9570901QXA	D	02/20/2008		(NONE)	12/03/2008	LM2990-15 (GEN)		783
5962-9570901MYA	D	02/20/2008		(NONE)		2990-15 (GEN)		783
5962-9570901MZA	D	02/20/2008		(NONE)		2990-15 (GEN)		783
5962-9571001QEA	C	01/14/2008		(NONE)	12/03/2008	LM2990-12 (GEN)		783
5962-9571001MMA	C	01/14/2008		(NONE)		2990-12 (GEN)		783
5962-9571001MNA	C	01/14/2008		(NONE)		2990-12 (GEN)		783
5962-9571001MUA	C	01/14/2008		(NONE)		2990-12 (GEN)		783
5962-9571001QXA	C	01/14/2008		(NONE)	12/03/2008	LM2990-12 (GEN)		783



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5962-9571101QEA	D	01/14/2008		(NONE)	12/03/2008		2990-5.0 (GEN)	783
5962-9571101MMA	D	01/14/2008		(NONE)			2990-5 (GEN)	783
5962-9571101MNA	D	01/14/2008		(NONE)			2990-5 (GEN)	783
5962-9571101MUA	D	01/14/2008		(NONE)			2990-5 (GEN)	783
5962-9571101QXA	D	01/14/2008		(NONE)	12/03/2008		2990-5.0 (GEN)	783
5962-9571102MMA	D	01/14/2008		(NONE)			2990-5.2 (GEN)	783
5962-9571102MNA	D	01/14/2008		(NONE)			2990-5.2 (GEN)	783
5962-9571102MUA	D	01/14/2008		(NONE)			2990-5.2 (GEN)	783
5962-9571201Q3A	B	03/27/2014		(NONE)	11/28/2015		54ABT843 (GEN)	342
5962-9571201QKA	B	03/27/2014		(NONE)	11/28/2015		54ABT843 (GEN)	342
5962-9571201QLA	B	03/27/2014	2	TI		Y	SNJ54ABT843JT	342
5962R9571301QJC	C	07/15/2015		RENESAS		Y	HS1-82C54RH-8	424
5962R9571301VJC	C	07/15/2015		RENESAS		Y	HS1-82C54RH-Q	424
5962R9571301QXC	C	07/15/2015		RENESAS		Y	HS9-82C54RH-8	424
5962R9571301VXC	C	07/15/2015		RENESAS		Y	HS9-82C54RH-Q	424
5962R9571401QRC	A	01/31/1996		(NONE)			HS-82C08 (GEN)	590
5962R9571401VRC	A	01/31/1996		(NONE)			HS-82C08 (GEN)	590
5962R9571401QXC	A	01/31/1996		(NONE)			HS-82C08 (GEN)	590
5962R9571401VXC	A	01/31/1996		(NONE)			HS-82C08 (GEN)	590
5962-9571501VVC		01/11/1996		(NONE)	01/07/2003		82C84A/7 (GEN)	422
5962-9571601VRC		12/28/1995		(NONE)	01/07/2003		82C82/7 (GEN)	569
5962-9571701VRC		11/24/1995		(NONE)			82C86 (GEN)	590
5962-9571801VXC	C	08/29/2014	1	RENESAS		Y	MD82C59A/7	420
5962R9571901V9A	C	02/02/2004		(NONE)	09/26/2004		HCTS14 (GEN)	143
5962R9571901VCC	C	02/02/2004		(NONE)	10/30/2012		HCTS14 (GEN)	143
5962R9571901VXC	C	02/02/2004		(NONE)	09/26/2004		HCTS14 (GEN)	143
5962R9572001V9A	D	06/29/2016		(NONE)			HCS11 (GEN)	112
5962R9572001VCC	D	06/29/2016	1	RENESAS		Y	HCS11DMSR	112
5962R9572001VXC	D	06/29/2016	1	RENESAS		Y	HCS11KMSR	112
5962R9572101V9A	B	09/01/2000		(NONE)			HCTS11 (GEN)	112
5962R9572101VCC	B	09/01/2000		(NONE)			HCTS11 (GEN)	112
5962R9572101VXC	B	09/01/2000		(NONE)			HCTS11 (GEN)	112
5962R9572201QQC	B	05/25/2007	1	RENESAS		Y	HS1-80C86RH-8	403
5962R9572201VQC	B	05/25/2007	1	RENESAS		Y	HS1-80C86RH-Q	403
5962R9572201QXC	B	05/25/2007	1	RENESAS		Y	HS9-80C86RH-8	403
5962R9572201VXC	B	05/25/2007	1	RENESAS		Y	HS9-80C86RH-Q	403
5962R9572401V9A	C	05/08/2014	1	RENESAS		Y	HCS00HMSR	100
5962R9572401VCC	C	05/08/2014	1	RENESAS		Y	HCS00DMSR	100
5962R9572401VXC	C	05/08/2014	1	RENESAS		Y	HCS00KMSR	100
5962R9572501V9A	B	09/01/2000		(NONE)	03/01/2004		HCS04 (GEN)	143
5962R9572501VCC	B	09/01/2000		(NONE)	03/01/2004		HCS04 (GEN)	143
5962R9572501VXC	B	09/01/2000		(NONE)	02/24/2012		HCS04 (GEN)	143
5962R9572601V9A	C	05/20/2009		(NONE)	12/30/2011		HCS132 (GEN)	109
5962R9572601VCC	C	05/20/2009		(NONE)	12/30/2011		HCS132 (GEN)	109
5962R9572601VXC	C	05/20/2009		(NONE)	12/30/2016		HCS132 (GEN)	109
5962R9572701V9A	D	07/15/2005		(NONE)	02/24/2012		HCS138 (GEN)	282
5962R9572701TEC	D	07/15/2005		(NONE)			HCS138 (GEN)	282
5962R9572701VEC	D	07/15/2005		(NONE)			HCS138 (GEN)	282
5962R9572701TXC	D	07/15/2005		(NONE)			HCS138 (GEN)	282

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5962R9572701VXC	D	07/15/2005		(NONE)			HCS138 (GEN)	282
5962R9572801V9A	E	06/29/2016		(NONE)			HCS151 (GEN)	271
5962R9572801VEC	E	06/29/2016		(NONE)	09/23/2001		HCS151 (GEN)	271
5962R9572801VXC	E	06/29/2016	1	RENESAS		Y	HCS151KMSR	271
5962R9572901V9A	E	07/01/2016	1	RENESAS		Y	HCS154HMSR	280
5962R9572901VJC	E	07/01/2016	1	RENESAS		Y	HCS154DMSR	280
5962R9572901VXC	E	07/01/2016	1	RENESAS		Y	HCS154KMSR	280
5962R9573001V9A	D	07/25/2016	1	RENESAS		Y	HCS161HMSR	304
5962R9573001VEC	D	07/25/2016	1	RENESAS		Y	HCS161DMSR	304
5962R9573001VXC	D	07/25/2016	1	RENESAS		Y	HCS161KMSR	304
5962R9573101V9A	E	07/27/2016	1	RENESAS		Y	HCS244HMSR	529
5962R9573101TRC	E	07/27/2016		(NONE)	03/23/2001		HCS244 (GEN)	529
5962R9573101VRC	E	07/27/2016	1	RENESAS		Y	HCS244DMSR	529
5962R9573101TXC	E	07/27/2016		(NONE)	03/23/2001		HCS244 (GEN)	529
5962R9573101VXC	E	07/27/2016	1	RENESAS		Y	HCS244KMSR	529
5962R9573201V9A	B	09/15/2000		(NONE)	12/06/2007		HCTS04 (GEN)	143
5962R9573201VCC	B	09/15/2000		(NONE)	12/06/2007		HCTS04 (GEN)	143
5962R9573201VXC	B	09/15/2000		(NONE)	12/06/2007		HCTS04 (GEN)	143
5962R9573301V9A	D	02/16/2010	1	RENESAS		Y	HCTS20HMSR	104
5962R9573301VCC	D	02/16/2010	1	RENESAS		Y	HCTS20DMSR	104
5962R9573301VXC	D	02/16/2010	1	RENESAS		Y	HCTS20KMSR	104
5962R9573401V9A	B	09/15/2000		(NONE)			HCTS27 (GEN)	122
5962R9573401VCC	B	09/15/2000		(NONE)			HCTS27 (GEN)	122
5962R9573401VXC	B	09/15/2000		(NONE)			HCTS27 (GEN)	122
5962R9573501V9A	B	09/15/2000		(NONE)			HCTS30 (GEN)	106
5962R9573501VCC	B	09/15/2000		(NONE)	05/05/2007		HCTS30 (GEN)	106
5962R9573501VXC	B	09/15/2000		(NONE)	05/05/2007		HCTS30 (GEN)	106
5962R9573601V9A	B	09/22/2000		(NONE)	11/06/2007		HCTS32 (GEN)	125
5962R9573601VCC	B	09/22/2000		(NONE)	11/06/2007		HCTS32 (GEN)	125
5962R9573601VXC	B	09/22/2000		(NONE)	12/31/2015		HCTS32 (GEN)	125
5962R9573701V9A	A	01/28/1998		(NONE)			HCTS93 (GEN)	303
5962R9573701VCC	A	01/28/1998		(NONE)			HCTS93 (GEN)	303
5962R9573701VXC	A	01/28/1998		(NONE)			HCTS93 (GEN)	303
5962R9573801V9A	B	09/22/2000		(NONE)			HCTS112 (GEN)	152
5962R9573801VEC	B	09/22/2000		(NONE)			HCTS112 (GEN)	152
5962R9573801VXC	B	09/22/2000		(NONE)			HCTS112 (GEN)	152
5962R9573901V9A	B	09/22/2000		(NONE)			HCTS132 (GEN)	109
5962R9573901VCC	B	09/22/2000		(NONE)			HCTS132 (GEN)	109
5962R9573901VXC	B	09/22/2000		(NONE)			HCTS132 (GEN)	109
5962R9574001V9A	C	06/16/2010		(NONE)	02/11/2011		HCTS138 (GEN)	282
5962R9574001VEC	C	06/16/2010		(NONE)	02/11/2011		HCTS138 (GEN)	282
5962R9574001VXC	C	06/16/2010		(NONE)	02/11/2011		HCTS138 (GEN)	282
5962R9574101V9A	B	08/22/2000		(NONE)			HCTS147 (GEN)	345
5962R9574101VEC	B	08/22/2000		(NONE)			HCTS147 (GEN)	345
5962R9574101VXC	B	08/22/2000		(NONE)			HCTS147 (GEN)	345
5962R9574201V9A	C	04/29/1999		(NONE)			HCTS160 (GEN)	300
5962R9574201TEC	C	04/29/1999		(NONE)			HCTS160 (GEN)	300
5962R9574201VEC	C	04/29/1999		(NONE)			HCTS160 (GEN)	300
5962R9574201TXC	C	04/29/1999		(NONE)			HCTS160 (GEN)	300

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5962R9574201VXC	C	04/29/1999		(NONE)			HCTS160 (GEN)	300
5962R9574301V9A	A	03/19/1998		(NONE)			HCTS163 (GEN)	304
5962R9574301VEC	A	03/19/1998		(NONE)			HCTS163 (GEN)	304
5962R9574301VXC	A	03/19/1998		(NONE)			HCTS163 (GEN)	304
5962R9574401V9A	C	04/29/1999		(NONE)			HCTS244 (GEN)	529
5962R9574401TRC	C	04/29/1999		(NONE)			HCTS244 (GEN)	529
5962R9574401VRC	C	04/29/1999		(NONE)			HCTS244 (GEN)	529
5962R9574401TXC	C	04/29/1999		(NONE)			HCTS244 (GEN)	529
5962R9574401VXC	C	04/29/1999		(NONE)			HCTS244 (GEN)	529
5962R9574501V9A	D	03/29/2004		(NONE)			HCTS245 (GEN)	590
5962R9574501TRC	D	03/29/2004		(NONE)			HCTS245 (GEN)	590
5962R9574501VRC	D	03/29/2004		(NONE)			HCTS245 (GEN)	590
5962R9574501TXC	D	03/29/2004		(NONE)			HCTS245 (GEN)	590
5962R9574501VXC	D	03/29/2004		(NONE)			HCTS245 (GEN)	590
5962R9574601V9A	C	12/04/2009		(NONE)	12/30/2011		HCTS299 (GEN)	228
5962R9574601VRC	C	12/04/2009		(NONE)	12/30/2011		HCTS299 (GEN)	228
5962R9574601VXC	C	12/04/2009		(NONE)	04/16/2014		HCTS299 (GEN)	228
5962R9574701V9A	C	04/28/1999		(NONE)			HCTS373 (GEN)	341
5962R9574701TRC	C	04/28/1999		(NONE)			HCTS373 (GEN)	341
5962R9574701VRC	C	04/28/1999		(NONE)			HCTS373 (GEN)	341
5962R9574701TXC	C	04/28/1999		(NONE)			HCTS373 (GEN)	341
5962R9574701VXC	C	04/28/1999		(NONE)			HCTS373 (GEN)	341
5962R9574801V9A	C	04/29/1999		(NONE)			HCTS374 (GEN)	159
5962R9574801TRC	C	04/29/1999		(NONE)			HCTS374 (GEN)	159
5962R9574801VRC	C	04/29/1999		(NONE)			HCTS374 (GEN)	159
5962R9574801TXC	C	04/29/1999		(NONE)			HCTS374 (GEN)	159
5962R9574801VXC	C	04/29/1999		(NONE)			HCTS374 (GEN)	159
5962R9574901V9A	B	10/05/2000		(NONE)			HCTS390 (GEN)	300
5962R9574901VEC	B	10/05/2000		(NONE)			HCTS390 (GEN)	300
5962R9574901VXC	B	10/05/2000		(NONE)			HCTS390 (GEN)	300
5962R9575001V9A	E	07/28/2016	1	RENESAS		Y	HCTS393HMSR	305
5962R9575001VCC	E	07/28/2016	1	RENESAS		Y	HCTS393DMSR	305
5962R9575001VXC	E	07/28/2016	1	RENESAS		Y	HCTS393KMSR	305
5962R9575101V9A	D	07/28/2016	1	RENESAS		Y	HCTS541HMSR	529
5962R9575101VRC	D	07/28/2016	1	RENESAS		Y	HCTS541DMSR	529
5962R9575101VXC	D	07/28/2016	1	RENESAS		Y	HCTS541KMSR	529
5962R9575201V9A	B	08/23/2000		(NONE)			HCTS7266 (GEN)	141
5962R9575201VCC	B	08/23/2000		(NONE)			HCTS7266 (GEN)	141
5962R9575201VXC	B	08/23/2000		(NONE)			HCTS7266 (GEN)	141
5962R9575301V9A	D	12/21/2016		(NONE)			HCTS139 (GEN)	283
5962R9575301VEC	D	12/21/2016	1	RENESAS		Y	HCTS139DMSR	283
5962R9575301VXC	D	12/21/2016	1	RENESAS		Y	HCTS139KMSR	283
5962R9575401V9A	B	10/06/2000		(NONE)			HCTS153 (GEN)	273
5962R9575401VEC	B	10/06/2000		(NONE)	09/23/2001		HCTS153 (GEN)	273
5962R9575401VXC	B	10/06/2000		(NONE)	03/30/2012		HCTS153 (GEN)	273
5962R9575501V9A	B	10/06/2000		(NONE)	09/23/2001		HCTS157 (GEN)	275
5962R9575501VEC	B	10/06/2000		(NONE)	05/05/2007		HCTS157 (GEN)	275
5962R9575501VXC	B	10/06/2000		(NONE)	05/05/2007		HCTS157 (GEN)	275
5962R9575601V9A	B	10/06/2000		(NONE)			HCTS191 (GEN)	304

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5962R9575601VEC	B	10/06/2000		(NONE)	09/02/2006		HCTS191 (GEN)	304
5962R9575601VXC	B	10/06/2000		(NONE)	09/02/2006		HCTS191 (GEN)	304
5962R9575701V9A	D	02/13/2017		(NONE)	09/23/2001		HCTS193 (GEN)	304
5962R9575701VEC	D	02/13/2017		(NONE)	09/23/2001		HCTS193 (GEN)	304
5962R9575701VXC	D	02/13/2017	1	RENESAS		Y	HCTS193KMSR	304
5962R9575801V9A	B	10/16/2000		(NONE)			HCTS574 (GEN)	159
5962R9575801VRC	B	10/16/2000		(NONE)	11/06/2007		HCTS574 (GEN)	159
5962R9575801VXC	B	10/16/2000		(NONE)	11/06/2007		HCTS574 (GEN)	159
5962R9575901V9A	B	10/16/2000		(NONE)			HCTS646 (GEN)	590
5962R9575901VJC	B	10/16/2000		(NONE)			HCTS646 (GEN)	590
5962R9575901VXC	B	10/16/2000		(NONE)			HCTS646 (GEN)	590
5962R9576001V9A	B	10/16/2000		(NONE)			HCTS4002 (GEN)	123
5962R9576001VCC	B	10/16/2000		(NONE)	09/23/2001		HCTS4002 (GEN)	123
5962R9576001VXC	B	10/16/2000		(NONE)	09/23/2001		HCTS4002 (GEN)	123
5962-9576101M2A	B	11/25/2014		(NONE)	11/11/2012		IDT49FCT805BTLB	529
5962-9576101MRA	B	11/25/2014		(NONE)	11/11/2012		IDT49FCT805BTDB	529
5962-9576101MSA	B	11/25/2014		(NONE)	04/29/2002		49FCT805B (GEN)	529
5962-9576102M2A	B	11/25/2014		(NONE)	11/11/2012		IDT49FCT805CTLB	529
5962-9576102MRA	B	11/25/2014		(NONE)	11/11/2012		IDT49FCT805CTBD	529
5962-9576102MSA	B	11/25/2014		(NONE)	04/29/2002		49FCT805C (GEN)	529
5962-9576103Q2A	B	11/25/2014	1A	SRI		Y	GEM36303Q2A	529
5962-9576103Q2C	B	11/25/2014	1A	SRI		Y	GEM36303Q2C	529
5962-9576103QRA	B	11/25/2014	1A	SRI		Y	GEM36303QRA	529
5962-9576103QRC	B	11/25/2014	1A	SRI		Y	GEM36303QRC	529
5962-9576103QSA	B	11/25/2014	1A	SRI		Y	GEM36303QSA	529
5962-9576103QSC	B	11/25/2014	1A	SRI		Y	GEM36303QSC	529
5962-9576201M2A		11/08/1995		(NONE)	10/24/2005		49FCT806B (GEN)	529
5962-9576201MRA		11/08/1995		(NONE)	10/24/2005		49FCT806B (GEN)	529
5962-9576201MSA		11/08/1995		(NONE)	04/29/2002		49FCT806B (GEN)	529
5962-9576202M2A		11/08/1995		(NONE)	10/24/2005		49FCT806C (GEN)	529
5962-9576202MRA		11/08/1995		(NONE)	10/24/2005		49FCT806C (GEN)	529
5962-9576202MSA		11/08/1995		(NONE)	04/29/2002		49FCT806C (GEN)	529
5962R9576301V9A	E	07/26/2005		(NONE)	12/30/2011		HCTS74 (GEN)	158
5962R9576301TCC	E	07/26/2005		(NONE)			HCTS74 (GEN)	158
5962R9576301VCC	E	07/26/2005		(NONE)			HCTS74 (GEN)	158
5962R9576301TXC	E	07/26/2005		(NONE)			HCTS74 (GEN)	158
5962R9576301VXC	E	07/26/2005		(NONE)			HCTS74 (GEN)	158
5962R9576401V9A	C	12/14/2009		(NONE)			HCTS273 (GEN)	159
5962R9576401VRC	C	12/14/2009		(NONE)			HCTS273 (GEN)	159
5962R9576401VXC	C	12/14/2009		(NONE)			HCTS273 (GEN)	159
5962R9576501V9A	B	10/16/2000		(NONE)			HCTS10 (GEN)	102
5962R9576501VCC	B	10/16/2000		(NONE)			HCTS10 (GEN)	102
5962R9576501VXC	B	10/16/2000		(NONE)			HCTS10 (GEN)	102
5962R9576601V9A	A	01/28/1998		(NONE)			HCTS21 (GEN)	114
5962R9576601VCC	A	01/28/1998		(NONE)			HCTS21 (GEN)	114
5962R9576601VXC	A	01/28/1998		(NONE)			HCTS21 (GEN)	114
5962R9576701V9A	A	01/28/1998		(NONE)			HCTS75 (GEN)	340
5962R9576701VEC	A	01/28/1998		(NONE)			HCTS75 (GEN)	340
5962R9576701VXC	A	01/28/1998		(NONE)			HCTS75 (GEN)	340

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5962R9576801V9A	C	04/21/2009		(NONE)			HCTS85 (GEN)	209
5962R9576801VEC	C	04/21/2009		(NONE)	12/30/2011		HCTS85 (GEN)	209
5962R9576801VXC	C	04/21/2009		(NONE)	12/28/2003		HCTS85 (GEN)	209
5962R9576901V9A	C	04/29/1999		(NONE)			HCTS109 (GEN)	152
5962R9576901TEC	C	04/29/1999		(NONE)			HCTS109 (GEN)	152
5962R9576901VEC	C	04/29/1999		(NONE)			HCTS109 (GEN)	152
5962R9576901TXC	C	04/29/1999		(NONE)			HCTS109 (GEN)	152
5962R9576901VXC	C	04/29/1999		(NONE)			HCTS109 (GEN)	152
5962R9577001V9A	A	03/13/1998		(NONE)	09/21/2003		HCTS161A (GEN)	304
5962R9577001VEC	A	03/13/1998		(NONE)	09/23/2001		HCTS161A (GEN)	304
5962R9577001VXC	A	03/13/1998		(NONE)	09/21/2003		HCTS161A (GEN)	304
5962R9577101V9A	A	03/25/1998		(NONE)			HCTS190 (GEN)	301
5962R9577101VEC	A	03/25/1998		(NONE)			HCTS190 (GEN)	301
5962R9577101VXC	A	03/25/1998		(NONE)			HCTS190 (GEN)	301
5962R9577201V9A	B	08/17/2004		(NONE)	05/05/2007		HCTS240A (GEN)	529
5962R9577201VRC	B	08/17/2004		(NONE)	05/05/2007		HCTS240A (GEN)	529
5962R9577201VXC	B	08/17/2004		(NONE)	05/05/2007		HCTS240A (GEN)	529
5962R9577401V9A	B	06/18/2004		(NONE)			HCTS283 (GEN)	202
5962R9577401VEC	B	06/18/2004		(NONE)	02/06/2007		HCTS283 (GEN)	202
5962R9577401VXC	B	06/18/2004		(NONE)	02/06/2007		HCTS283 (GEN)	202
5962R9577501V9A	A	03/27/1998		(NONE)	09/23/2001		HCTS365 (GEN)	522
5962R9577501VEC	A	03/27/1998		(NONE)			HCTS365 (GEN)	522
5962R9577501VXC	A	03/27/1998		(NONE)			HCTS365 (GEN)	522
5962R9577601V9A	B	08/17/2004	1	RENESAS		Y	HCTS540HMSR	590
5962R9577601VRC	B	08/17/2004	1	RENESAS		Y	HCTS540DMSR	590
5962R9577601VXC	B	08/17/2004	1	RENESAS		Y	HCTS540KMSR	590
5962R9577701V9A	A	06/12/1998		(NONE)			HCS10 (GEN)	102
5962R9577701VCC	A	06/12/1998		(NONE)			HCS10 (GEN)	102
5962R9577701VXC	A	06/12/1998		(NONE)	11/13/2011		HCS10 (GEN)	102
5962R9577801V9A	A	06/12/1998		(NONE)			HCS20 (GEN)	104
5962R9577801VCC	A	06/12/1998		(NONE)			HCS20 (GEN)	104
5962R9577801VXC	A	06/12/1998		(NONE)			HCS20 (GEN)	104
5962R9577901V9A	B	04/05/1999		(NONE)			HCS21 (GEN)	114
5962R9577901VCC	B	04/05/1999		(NONE)	12/28/2003		HCS21 (GEN)	114
5962R9577901VXC	B	04/05/1999		(NONE)	12/28/2003		HCS21 (GEN)	114
5962R9578001V9A	B	02/26/2004		(NONE)	12/31/2014		HCS27 (GEN)	122
5962R9578001VCC	B	02/26/2004		(NONE)	12/30/2011		HCS27 (GEN)	122
5962R9578001VXC	B	02/26/2004		(NONE)	11/30/2012		HCS27 (GEN)	122
5962R9578101V9A	C	10/25/2014	1	RENESAS		Y	HCS32HMSR	125
5962R9578101VCC	C	10/25/2014	1	RENESAS		Y	HCS32DMSR	125
5962R9578101VXC	C	10/25/2014	1	RENESAS		Y	HCS32KMSR	125
5962R9578201V9A	E	08/04/2005		(NONE)			HCS74 (GEN)	158
5962R9578201TCC	E	08/04/2005		(NONE)			HCS74 (GEN)	158
5962R9578201VCC	E	08/04/2005		(NONE)			HCS74 (GEN)	158
5962R9578201TXC	E	08/04/2005		(NONE)			HCS74 (GEN)	158
5962R9578201VXC	E	08/04/2005		(NONE)			HCS74 (GEN)	158
5962R9578301V9A	C	03/10/2015	1	RENESAS		Y	HCS86HMSR	140
5962R9578301VCC	C	03/10/2015	1	RENESAS		Y	HCS86DMSR	140
5962R9578301VXC	C	03/10/2015	1	RENESAS		Y	HCS86KMSR	140



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5962R9578401V9A	B	02/26/2004	1	RENESAS		Y	HCS109HMSR	152
5962R9578401VEC	B	02/26/2004	1	RENESAS		Y	HCS109DMSR	152
5962R9578401VXC	B	02/26/2004	1	RENESAS		Y	HCS109KMSR	152
5962R9578501V9A	C	09/09/2014		(NONE)			HCS164 (GEN)	226
5962R9578501VCC	C	09/09/2014	1	RENESAS		Y	HCS164DMSR	226
5962R9578501VXC	C	09/09/2014	1	RENESAS		Y	HCS164KMSR	226
5962R9578601V9A	B	03/23/2004		(NONE)			HCS165 (GEN)	225
5962R9578601VEC	B	03/23/2004		(NONE)	08/15/2005		HCS165 (GEN)	225
5962R9578601VXC	B	03/23/2004		(NONE)	08/15/2005		HCS165 (GEN)	225
5962R9578701V9A	B	02/26/2004		(NONE)			HCS166 (GEN)	228
5962R9578701VEC	B	02/26/2004		(NONE)	02/06/2007		HCS166 (GEN)	228
5962R9578701VXC	B	02/26/2004		(NONE)	02/06/2007		HCS166 (GEN)	228
5962R9578801V9A	A	07/31/1998		(NONE)	06/22/2003		HCS193 (GEN)	304
5962R9578801VEC	A	07/31/1998		(NONE)	06/22/2003		HCS193 (GEN)	304
5962R9578801VXC	A	07/31/1998		(NONE)	06/22/2003		HCS193 (GEN)	304
5962R9578901V9A	A	07/31/1998		(NONE)			HCS195 (GEN)	220
5962R9578901VEC	A	07/31/1998		(NONE)			HCS195 (GEN)	220
5962R9578901VXC	A	07/31/1998		(NONE)			HCS195 (GEN)	220
5962R9579001V9A	A	07/31/1998		(NONE)			HCS253 (GEN)	273
5962R9579001VEC	A	07/31/1998		(NONE)			HCS253 (GEN)	273
5962R9579001VXC	A	07/31/1998		(NONE)			HCS253 (GEN)	273
5962R9579101V9A	C	08/16/2005		(NONE)	09/05/2008		HCS273 (GEN)	159
5962R9579101VRC	C	08/16/2005		(NONE)	09/05/2008		HCS273 (GEN)	159
5962R9579101VXC	C	08/16/2005		(NONE)	09/05/2008		HCS273 (GEN)	159
5962R9579201V9A	D	08/11/2005		(NONE)			HCS373 (GEN)	341
5962R9579201TRC	D	08/11/2005		(NONE)			HCS373 (GEN)	341
5962R9579201VRC	D	08/11/2005		(NONE)			HCS373 (GEN)	341
5962R9579201TXC	D	08/11/2005		(NONE)			HCS373 (GEN)	341
5962R9579201VXC	D	08/11/2005		(NONE)			HCS373 (GEN)	341
5962R9579301V9A	C	12/07/2004		(NONE)	02/06/2007		HCS374 (GEN)	159
5962R9579301VRC	C	12/07/2004		(NONE)	02/06/2007		HCS374 (GEN)	159
5962R9579301VXC	C	12/07/2004		(NONE)	02/06/2007		HCS374 (GEN)	159
5962R9579401V9A	C	08/04/2016		(NONE)			HCS573 (GEN)	341
5962R9579401VRC	C	08/04/2016		(NONE)	09/23/2001		HCS573 (GEN)	341
5962R9579401VXC	C	08/04/2016	1	RENESAS		Y	HCS573KMSR	341
5962-9579501HUA	B	06/18/2013	1	INTER. RECT.2		Y	AFL2805DW/CH	594
5962-9579501HUC	B	06/18/2013	1	INTER. RECT.2		Y	AFL2805DW/CH	594
5962-9579501HXA	B	06/18/2013	1	INTER. RECT.2		Y	AFL2805DX/CH	594
5962-9579501HXC	B	06/18/2013	1	INTER. RECT.2		Y	AFL2805DX/CH	594
5962-9579501HYA	B	06/18/2013	1	INTER. RECT.2		Y	AFL2805DY/CH	594
5962-9579501HYC	B	06/18/2013	1	INTER. RECT.2		Y	AFL2805DY/CH	594
5962-9579501HZA	B	06/18/2013	1	INTER. RECT.2		Y	AFL2805DZ/CH	594
5962-9579501HZC	B	06/18/2013	1	INTER. RECT.2		Y	AFL2805DZ/CH	594
5962-9579601HUA	B	07/18/2013	1C	INTER. RECT.2		Y	AFL2812DW/CH	594
5962-9579601HUC	B	07/18/2013	1C	INTER. RECT.2		Y	AFL2812DW/CH	594
5962-9579601HXA	B	07/18/2013	1C	INTER. RECT.2		Y	AFL2812DX/CH	594
5962-9579601HXC	B	07/18/2013	1C	INTER. RECT.2		Y	AFL2812DX/CH	594
5962-9579601HYA	B	07/18/2013	1C	INTER. RECT.2		Y	AFL2812DY/CH	594
5962-9579601HYC	B	07/18/2013	1C	INTER. RECT.2		Y	AFL2812DY/CH	594

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5962-9579601HZA	B	07/18/2013	1C	INTER. RECT.2		Y AFL2812DZ/CH		594
5962-9579601HZC	B	07/18/2013	1C	INTER. RECT.2		Y AFL2812DZ/CH		594
5962-9579801M2A	C	10/07/2016	2	TI		Y UC1705L/883BC		539
5962-9579801MPA	C	10/07/2016	2	TI		Y UC1705J/883BC		539
5962-9579801VPA	C	10/07/2016	2	TI		Y UC1705JQMLV		539
5962-9579901HXA	A	04/04/1997		(NONE)	09/01/2000	SP9462 (GEN)		433
5962-9579902HXA	A	04/04/1997		(NONE)	09/01/2000	SP9463 (GEN)		433
5962-9579903HXA	A	04/04/1997		(NONE)	09/01/2000	SP9472 (GEN)		433
5962-9579904HXA	A	04/04/1997		(NONE)	09/01/2000	SP9473 (GEN)		433
5962R9580101V9A	C	07/28/2014		(NONE)		HCS05 (GEN)		144
5962R9580101VCC	C	07/28/2014		(NONE)		HCS05 (GEN)		144
5962R9580101VXC	C	07/28/2014	1	RENESAS		Y HCS05KMSR		144
5962R9580201V9A	A	07/14/1998		(NONE)		HCS112 (GEN)		156
5962R9580201VEC	A	07/14/1998		(NONE)		HCS112 (GEN)		156
5962R9580201VXC	A	07/14/1998		(NONE)		HCS112 (GEN)		156
5962R9580301V9A	A	07/14/1998		(NONE)		HCS125 (GEN)		520
5962R9580301VCC	A	07/14/1998		(NONE)		HCS125 (GEN)		520
5962R9580301VXC	A	07/14/1998		(NONE)	09/23/2001	HCS125 (GEN)		520
5962R9580401V9A	B	08/16/2005		(NONE)		HCS139 (GEN)		283
5962R9580401VEC	B	08/16/2005		(NONE)	12/30/2011	HCS139 (GEN)		283
5962R9580401VXC	B	08/16/2005		(NONE)	12/30/2011	HCS139 (GEN)		283
5962R9580501V9A	B	02/26/2004		(NONE)		HCS157 (GEN)		275
5962R9580501VEC	B	02/26/2004		(NONE)	08/15/2005	HCS157 (GEN)		275
5962R9580501VXC	B	02/26/2004		(NONE)	08/15/2005	HCS157 (GEN)		275
5962R9580601V9A	A	07/14/1998		(NONE)		HCS160 (GEN)		301
5962R9580601VEC	A	07/14/1998		(NONE)	10/04/2002	HCS160 (GEN)		301
5962R9580601VXC	A	07/14/1998		(NONE)	10/04/2002	HCS160 (GEN)		301
5962R9580701V9A	B	03/23/2004		(NONE)		HCS163 (GEN)		304
5962R9580701VEC	B	03/23/2004	1	RENESAS		Y HCS163DMSR		304
5962R9580701VXC	B	03/23/2004	1	RENESAS		Y HCS163KMSR		304
5962R9580801V9A	A	07/31/1998		(NONE)		HCS190 (GEN)		301
5962R9580801VEC	A	07/31/1998		(NONE)		HCS190 (GEN)		301
5962R9580801VXC	A	07/31/1998		(NONE)		HCS190 (GEN)		301
5962R9580901V9A	B	04/15/2004		(NONE)		HCS240 (GEN)		529
5962R9580901VRC	B	04/15/2004	1	RENESAS		Y HCS240DMSR		529
5962R9580901VXC	B	04/15/2004	1	RENESAS		Y HCS240KMSR		529
5962R9581001V9A	A	07/31/1998		(NONE)		HCS241 (GEN)		529
5962R9581001VRC	A	07/31/1998		(NONE)		HCS241 (GEN)		529
5962R9581001VXC	A	07/31/1998		(NONE)		HCS241 (GEN)		529
5962R9581101V9A	A	07/31/1998		(NONE)		HCS283 (GEN)		202
5962R9581101VEC	A	07/31/1998		(NONE)		HCS283 (GEN)		202
5962R9581101VXC	A	07/31/1998		(NONE)		HCS283 (GEN)		202
5962R9581201V9A	G	03/06/2017		(NONE)	12/10/2015	HS-302 (GEN)		188
5962R9581201QCC	G	03/06/2017		(NONE)	12/10/2015	HS-302 (GEN)		188
5962R9581201TCC	G	03/06/2017		(NONE)	12/10/2015	HS-302 (GEN)		188
5962R9581201VCC	G	03/06/2017		(NONE)	12/10/2015	HS-302 (GEN)		188
5962R9581201QXC	G	03/06/2017		(NONE)	12/10/2015	HS-302 (GEN)		188
5962R9581201TXC	G	03/06/2017		(NONE)	12/10/2015	HS-302 (GEN)		188
5962R9581201VXC	G	03/06/2017		(NONE)	12/10/2015	HS-302 (GEN)		188

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## PART I, Listed By SMD PIN

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5962R9581202VCA	G	03/06/2017		(NONE)			HS-306 (GEN)	188
5962R9581202VXA	G	03/06/2017		(NONE)			HS-306 (GEN)	188
5962R9581203VEA	G	03/06/2017		(NONE)			HS-384 (GEN)	188
5962R9581203VYA	G	03/06/2017		(NONE)			HS-384 (GEN)	188
5962R9581204V9A	G	03/06/2017		(NONE)	12/10/2015		HS-302 (GEN)	188
5962R9581204VCC	G	03/06/2017		(NONE)	12/10/2015		HS-302 (GEN)	188
5962R9581204VXC	G	03/06/2017		(NONE)	12/10/2015		HS-302 (GEN)	188
5962R9581205V9A	G	03/06/2017	2	RENESAS		Y	HS0-302AEH-Q	188
5962R9581205VXC	G	03/06/2017	2	RENESAS		Y	HS9-302AEH-Q	188
5962R9581301V9A	H	04/04/2017		(NONE)	04/20/2005		HS-303 (GEN)	186
5962R9581301QCC	H	04/04/2017		(NONE)	03/23/2003		HS-303 (GEN)	186
5962R9581301TCC	H	04/04/2017		(NONE)	03/23/2003		HS-303 (GEN)	186
5962R9581301VCC	H	04/04/2017		(NONE)	03/23/2003		HS-303 (GEN)	186
5962R9581301QXC	H	04/04/2017		(NONE)	03/23/2003		HS-303 (GEN)	186
5962R9581301TXC	H	04/04/2017		(NONE)	03/23/2003		HS-303 (GEN)	186
5962R9581301VXC	H	04/04/2017		(NONE)	03/23/2003		HS-303 (GEN)	186
5962R9581302V9A	H	04/04/2017		(NONE)	12/10/2015		HS-307 (GEN)	186
5962R9581302QCC	H	04/04/2017		(NONE)	03/23/2003		HS-307 (GEN)	186
5962R9581302VCC	H	04/04/2017		(NONE)	03/23/2003		HS-307 (GEN)	186
5962R9581302QXC	H	04/04/2017		(NONE)	03/23/2003		HS-307 (GEN)	186
5962R9581302VXC	H	04/04/2017		(NONE)	03/23/2003		HS-307 (GEN)	186
5962R9581303V9A	H	04/04/2017		(NONE)	04/20/2005		HS-390 (GEN)	186
5962R9581303QEC	H	04/04/2017		(NONE)	04/20/2005		HS-390 (GEN)	186
5962R9581303TEC	H	04/04/2017		(NONE)	04/20/2005		HS-390 (GEN)	186
5962R9581303VEC	H	04/04/2017		(NONE)	04/20/2005		HS-390 (GEN)	186
5962R9581303QYC	H	04/04/2017		(NONE)	04/20/2005		HS-390 (GEN)	186
5962R9581303TYC	H	04/04/2017		(NONE)	04/20/2005		HS-390 (GEN)	186
5962R9581303VYC	H	04/04/2017		(NONE)	04/20/2005		HS-390 (GEN)	186
5962F9581304V9A	H	04/04/2017	1C	RENESAS		Y	HS0-303ARH-Q	186
5962F9581304QCC	H	04/04/2017	1C	RENESAS		Y	HS1-303ARH-8	186
5962F9581304VCC	H	04/04/2017	1C	RENESAS		Y	HS1-303ARH-Q	186
5962F9581304QXC	H	04/04/2017	1C	RENESAS		Y	HS9-303ARH-8	186
5962F9581304VXC	H	04/04/2017	1C	RENESAS		Y	HS9-303ARH-Q	186
5962F9581305V9A	H	04/04/2017	1C	RENESAS		Y	HS0-303BRH-Q	186
5962F9581305QCC	H	04/04/2017	1C	RENESAS		Y	HS1-303BRH-8	186
5962F9581305VCC	H	04/04/2017	1C	RENESAS		Y	HS1-303BRH-Q	186
5962F9581305QXC	H	04/04/2017	1C	RENESAS		Y	HS9-303BRH-8	186
5962F9581305VXC	H	04/04/2017	1C	RENESAS		Y	HS9-303BRH-Q	186
5962F9581306V9A	H	04/04/2017	1C	RENESAS		Y	HS0-303AEH-Q	186
5962F9581306VCC	H	04/04/2017	1C	RENESAS		Y	HS1-303AEH-Q	186
5962F9581306VXC	H	04/04/2017	1C	RENESAS		Y	HS9-303AEH-Q	186
5962F9581307V9A	H	04/04/2017	1C	RENESAS		Y	HS0-303BEH-Q	186
5962F9581307VCC	H	04/04/2017	1C	RENESAS		Y	HS1-303BEH-Q	186
5962F9581307VXC	H	04/04/2017	1C	RENESAS		Y	HS9-303BEH-Q	186
5962R9581308V9A	H	04/04/2017	1C	RENESAS		Y	HS0-303CEH-Q	186
5962R9581308VXC	H	04/04/2017	1C	RENESAS		Y	HS9-303CEH-Q	186
5962R9581401V9A	B	04/19/2010		(NONE)	10/28/2011		HCTS86 (GEN)	140
5962R9581401VCC	B	04/19/2010		(NONE)	10/28/2011		HCTS86 (GEN)	140
5962R9581401VXC	B	04/19/2010		(NONE)	12/30/2013		HCTS86 (GEN)	140

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5962-9581501HXA	C	01/20/2015	1	ANALOG (6)		Y	AD10242TZ/883B	592
5962-9581601QXA	B	04/22/2014	1	E2V		Y	54ACTQ16646FMQB	590
5962-9581701VXC	B	01/23/2008	1	RENESAS		Y	MD85C52/7	421
5962R9581801V9A	A	02/10/1998		(NONE)			HS-82C12 (GEN)	421
5962R9581801QJC	A	02/10/1998		(NONE)			HS-82C12 (GEN)	421
5962R9581801VJC	A	02/10/1998		(NONE)			HS-82C12 (GEN)	421
5962R9581801QXC	A	02/10/1998		(NONE)			HS-82C12 (GEN)	421
5962R9581801VXC	A	02/10/1998		(NONE)			HS-82C12 (GEN)	421
5962R9581901QQC	B	01/23/2008		(NONE)	12/10/2015		HS-82C55A (GEN)	421
5962R9581901VQC	B	01/23/2008		(NONE)	12/10/2015		HS-82C55A (GEN)	421
5962R9582001V9A	B	03/26/2010		(NONE)	12/10/2015		HS-82C85 (GEN)	422
5962R9582001QJC	B	03/26/2010		(NONE)	12/10/2015		HS-82C85 (GEN)	422
5962R9582001VJC	B	03/26/2010		(NONE)	12/10/2015		HS-82C85 (GEN)	422
5962R9582001QXC	B	03/26/2010		(NONE)	12/10/2015		HS-82C85 (GEN)	422
5962R9582001VXC	B	03/26/2010		(NONE)	12/10/2015		HS-82C85 (GEN)	422
5962R9582101QQC		01/10/1996		(NONE)			HS-82C37A (GEN)	423
5962R9582101VQC		01/10/1996		(NONE)			HS-82C37A (GEN)	423
5962R9582101QXC		01/10/1996		(NONE)	09/23/2001		HS-82C37A (GEN)	423
5962R9582101VXC		01/10/1996		(NONE)	09/23/2001		HS-82C37A (GEN)	423
5962F9582201VXC	B	08/21/2013		(NONE)	03/23/2003		HS-65643A (GEN)	603
5962F9582301QXC	C	04/24/2017		(NONE)	03/23/2003		HS-65647 (GEN)	616
5962F9582301VXC	C	04/24/2017		(NONE)	03/23/2003		HS-65647 (GEN)	616
5962F9582301QYC	C	04/24/2017		(NONE)	03/23/2003		HS-65647 (GEN)	616
5962F9582301VYC	C	04/24/2017		(NONE)	03/23/2003		HS-65647 (GEN)	616
5962R9582401QQC		01/10/1996		(NONE)			HS-80C85RH (GEN)	402
5962R9582401VQC		01/10/1996		(NONE)			HS-80C85 (GEN)	402
5962R9582401QXC		01/10/1996		(NONE)			HS-80C85 (GEN)	402
5962R9582401VXC		01/10/1996		(NONE)			HS-80C85 (GEN)	402
5962R9582501V9A	A	02/10/1998		(NONE)			HS-54C138 (GEN)	282
5962R9582501QEC	A	02/10/1998		(NONE)			54C138 (GEN)	282
5962R9582501VEC	A	02/10/1998		(NONE)			HS-54C138 (GEN)	282
5962R9582501QXC	A	02/10/1998		(NONE)			HS-54C138 (GEN)	282
5962R9582501VXC	A	02/10/1998		(NONE)			HS-54C138 (GEN)	282
5962R9582601V9A	D	05/14/2010		(NONE)			4000B (GEN)	124
5962R9582601VCC	D	05/14/2010		(NONE)			4000B (GEN)	124
5962R9582601VXC	D	05/14/2010		(NONE)			4000B (GEN)	124
5962R9582602V9A	D	05/14/2010	1	RENESAS		Y	CD4001BHSR	120
5962R9582602VCC	D	05/14/2010	1	RENESAS		Y	CD4001BDMSR	120
5962R9582602VXC	D	05/14/2010	1	RENESAS		Y	CD4001BKMSR	120
5962R9582603V9A	D	05/14/2010		(NONE)			4002B (GEN)	124
5962R9582603VCC	D	05/14/2010		(NONE)			4002B (GEN)	124
5962R9582603VXC	D	05/14/2010		(NONE)			4002B (GEN)	124
5962R9582604V9A	D	05/14/2010	1	RENESAS		Y	CD4025BHSR	122
5962R9582604VCC	D	05/14/2010	1	RENESAS		Y	CD4025BDMSR	122
5962R9582604VXC	D	05/14/2010	1	RENESAS		Y	CD4025BKMSR	122
5962R9582605V9A	D	05/14/2010	1	RENESAS		Y	CD4001BHNSR	120
5962R9582605VCC	D	05/14/2010	1	RENESAS		Y	CD4001BDNSR	120
5962R9582605VXC	D	05/14/2010	1	RENESAS		Y	CD4001BKNSR	120
5962R9582606V9A	D	05/14/2010		(NONE)			4002BN (GEN)	124

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5962R9582606VCC	D	05/14/2010		(NONE)			4002BN (GEN)	124
5962R9582606VXC	D	05/14/2010		(NONE)			4002BN (GEN)	124
5962R9582607VCC	D	05/14/2010		(NONE)			4025BN (GEN)	122
5962R9582607VXC	D	05/14/2010		(NONE)			4025BN (GEN)	122
5962R9582901V9A	B	07/24/1997		(NONE)			4010B (GEN)	540
5962R9582901VEC	B	07/24/1997		(NONE)			4010B (GEN)	540
5962R9582901VXC	B	07/24/1997		(NONE)			4010B (GEN)	540
5962-9583101Q2A	E	06/27/2014	2	TI		Y	SNJ54LVTH573FK	341
5962-9583101QRA	E	06/27/2014	2	TI		Y	SNJ54LVTH573J	341
5962-9583101QSA	E	06/27/2014	2	TI		Y	SNJ54LVTH573W	341
5962-9583201Q2A	E	01/26/2017	2	TI		Y	SNJ54LVTH574AFK	159
5962-9583201QRA	E	01/26/2017		(NONE)	11/28/2015		54LVTH574A (GEN)	159
5962-9583201VRA	E	01/26/2017		(NONE)	11/28/2015		54LVTH574A (GEN)	159
5962-9583201QSA	E	01/26/2017	2	TI		Y	SNJ54LVTH574AW	159
5962-9583201VSA	E	01/26/2017	2	TI		Y	SNV54LVTH574AW	159
5962-9583301Q2A	R	11/13/2017	2	TI		Y	DS90C031E-QML	569
5962-9583301QFA	R	11/13/2017		(NONE)	12/01/2009		DS90C031 (GEN)	569
5962-9583301VFA	R	11/13/2017	2	TI		Y	DS90C031W-QMLV	569
5962R9583301VFA	R	11/13/2017	2	TI		Y	DS90C031WRQMLV	569
5962-9583301QZA	R	11/13/2017		(NONE)	12/03/2008		DS90C031 (GEN)	569
5962-9583301VZA	R	11/13/2017		(NONE)	12/03/2008		DS90C031 (GEN)	569
5962R9583301VZA	R	11/13/2017	2	TI		Y	DS90C031WGRQMLV	569
5962H9583302Q9A	R	11/13/2017	1	COBHAM		Y	UT54LVDS031-QDIE	569
5962H9583302V9A	R	11/13/2017	1	COBHAM		Y	UT54LVDS031-VDIE	569
5962H9583302QXA	R	11/13/2017	1	COBHAM		Y	UT54LVDS031UCA	569
5962H9583302QXC	R	11/13/2017	1	COBHAM		Y	UT54LVDS031UCC	569
5962H9583302VXA	R	11/13/2017	1	COBHAM		Y	UT54LVDS031UCA	569
5962H9583302VXC	R	11/13/2017	1	COBHAM		Y	UT54LVDS031UCC	569
5962F9583303Q9A	R	11/13/2017	1	COBHAM		Y	UT54LVDS031-QDIE	569
5962F9583303V9A	R	11/13/2017	1	COBHAM		Y	UT54LVDS031-VDIE	569
5962F9583303QXA	R	11/13/2017	1	COBHAM		Y	UT54LVDS031UCA	569
5962F9583303QXC	R	11/13/2017	1	COBHAM		Y	UT54LVDS031UCC	569
5962F9583303VXA	R	11/13/2017	1	COBHAM		Y	UT54LVDS031UCA	569
5962F9583303VXC	R	11/13/2017	1	COBHAM		Y	UT54LVDS031UCC	569
5962-9583401Q2A	L	01/19/2018	2	TI		Y	DS90C032E-QML	575
5962-9583401QFA	L	01/19/2018		(NONE)	12/01/2009		DS90C032 (GEN)	575
5962-9583401VFA	L	01/19/2018	2	TI		Y	DS90C032W-QMLV	575
5962L9583401VFA	L	01/19/2018	2	TI		Y	DS90C032WLQMLV	575
5962-9583401QZA	L	01/19/2018		(NONE)	12/03/2008		DS90C032 (GEN)	575
5962-9583401VZA	L	01/19/2018		(NONE)	12/03/2008		DS90C032 (GEN)	575
5962L9583401VZA	L	01/19/2018	2	TI		Y	DS90C032WGLQMLV	575
5962H9583402Q9A	L	01/19/2018	1	COBHAM		Y	UT54LVDS032-QDIE	575
5962H9583402V9A	L	01/19/2018	1	COBHAM		Y	UT54LVDS032-VDIE	575
5962H9583402QXA	L	01/19/2018	1	COBHAM		Y	UT54LVDS032UCA	575
5962H9583402QXC	L	01/19/2018	1	COBHAM		Y	UT54LVDS032UCC	575
5962H9583402VXA	L	01/19/2018	1	COBHAM		Y	UT54LVDS032UCA	575
5962H9583402VXC	L	01/19/2018	1	COBHAM		Y	UT54LVDS032UCC	575
5962F9583403Q9A	L	01/19/2018	1	COBHAM		Y	UT54LVDS032-QDIE	575
5962F9583403V9A	L	01/19/2018	1	COBHAM		Y	UT54LVDS032-VDIE	575



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5962F9583403QXA	L	01/19/2018	1	COBHAM		Y UT54LVDS032UCA		575
5962F9583403QXC	L	01/19/2018	1	COBHAM		Y UT54LVDS032UCC		575
5962F9583403VXA	L	01/19/2018	1	COBHAM		Y UT54LVDS032UCA		575
5962F9583403VXC	L	01/19/2018	1	COBHAM		Y UT54LVDS032UCC		575
5962-9583501Q2A	B	12/22/2014		(NONE)	11/28/2015		54BCT573 (GEN)	341
5962-9583501QRA	B	12/22/2014		(NONE)	11/28/2015		54BCT573 (GEN)	341
5962-9583501QSA	B	12/22/2014		(NONE)	11/28/2015		54BCT573 (GEN)	341
5962-9583601Q2A	B	01/28/2015		(NONE)	11/28/2015		54BCT574 (GEN)	159
5962-9583601QRA	B	01/28/2015	3	TI		Y SNJ54BCT574J		159
5962-9583601QSA	B	01/28/2015		(NONE)	11/28/2015		54BCT574 (GEN)	159
5962-9583701QXA		11/22/1995		(NONE)	12/24/1997		80486DX (GEN)	404
5962-9583701QYA		11/22/1995		(NONE)	12/24/1997		80486DX (GEN)	404
5962-9583702QXA		11/22/1995		(NONE)	12/24/1997		80486DX (GEN)	404
5962-9583702QYA		11/22/1995		(NONE)	12/24/1997		80486DX (GEN)	404
5962-9583703NXA		11/22/1995		(NONE)	12/24/1997		80486DX (GEN)	404
5962-9583703NYA		11/22/1995		(NONE)	12/24/1997		80486DX (GEN)	404
5962-9583704NXA		11/22/1995		(NONE)	12/24/1997		80486DX (GEN)	404
5962-9583704NYA		11/22/1995		(NONE)	12/24/1997		80486DX (GEN)	404
5962-9583705NXA		11/22/1995		(NONE)	12/24/1997		80486DX (GEN)	404
5962-9583705NYA		11/22/1995		(NONE)	12/24/1997		80486DX (GEN)	404
5962-9583706NXA		11/22/1995		(NONE)	12/24/1997		80486DX (GEN)	404
5962-9583706NYA		11/22/1995		(NONE)	12/24/1997		80486DX (GEN)	404
5962-9583801Q2A	A	05/27/2009		(NONE)	08/15/1999		TLV2217-33 (GEN)	782
5962-9583801QCA	A	05/27/2009		(NONE)	08/15/1999		TLV2217-33 (GEN)	782
5962-9583901Q2A	C	07/08/2008		(NONE)	08/15/1999		TL751M05 (GEN)	782
5962-9583901QPA	C	07/08/2008		(NONE)	08/15/1999		TL751M05 (GEN)	782
5962-9584001Q2A	B	03/06/2008		(NONE)	08/15/1999		TL751M12 (GEN)	782
5962-9584001QPA	B	03/06/2008		(NONE)	08/15/1999		TL751M12 (GEN)	782
5962-9584101QXA	B	02/27/2014	2	TI	09/26/2018	Y SNJ54ABT16652WD		590
5962-9584201QXA	B	02/28/2014	2	TI	09/26/2018	Y SNJ54ABT16823WD		164
5962-9584301Q2A	B	02/28/2014	3	TI		Y SNJ54ABT533FK		341
5962-9584301QRA	B	02/28/2014	3	TI		Y SNJ54ABT533J		341
5962-9584301QSA	B	02/28/2014		(NONE)	11/28/2015		54ABT533 (GEN)	341
5962-9584401Q2A	H	01/30/2018	2	TI		Y SNJ54LVTH244AFK		529
5962-9584401V2A	H	01/30/2018	2	TI		Y SNV54LVTH244AFK		529
5962-9584401QRA	H	01/30/2018	2	TI		Y SNJ54LVTH244AJ		529
5962-9584401VRA	H	01/30/2018	2	TI		Y SNV54LVTH244AJ		529
5962-9584401QSA	H	01/30/2018	2	TI		Y SNJ54LVTH244AW		529
5962-9584401VSA	H	01/30/2018	2	TI		Y SNV54LVTH244AW		529
5962H9584501Q9A	J	11/24/2014	2	HONEYWELL (1)		Y HX6256DIE		623
5962F9584501QXC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/RQFC		623
5962F9584501VXC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/RVFC		623
5962H9584501QXC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/RQHC		623
5962H9584501VXC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/RVHC		623
5962R9584501QXC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/RQRC		623
5962R9584501VXC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/RVRC		623
5962F9584501QYC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/NQFC		623
5962F9584501VYC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/NVFC		623
5962H9584501QYC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/NQHC		623

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## SECTION 1, MICROCIRCUITS

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962H9584501VYC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/NVHC		623
5962R9584501QYC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/NQRC		623
5962R9584501VYC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/NVRC		623
5962F9584501QZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/XQFC		623
5962F9584501VZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/XVFC		623
5962H9584501QZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/XQHC		623
5962H9584501VZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/XVHC		623
5962R9584501QZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/XQRC		623
5962R9584501VZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/XVRC		623
5962H9584502Q9A	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/DIE		623
5962F9584502QUC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/PQFT		623
5962F9584502VUC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/PVFT		623
5962H9584502QUC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/PQHT		623
5962H9584502VUC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/PVHT		623
5962R9584502QUC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/PQRT		623
5962R9584502VUC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/PVRT		623
5962F9584502QXC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/RQFT		623
5962F9584502VXC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/RVFT		623
5962H9584502QXC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/RQHT		623
5962H9584502VXC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/RVHT		623
5962R9584502QXC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/RQRT		623
5962R9584502VXC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/RVRT		623
5962F9584502QYC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/NQFT		623
5962F9584502VYC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/NVFT		623
5962H9584502QYC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/NQHT		623
5962H9584502VYC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/NVHT		623
5962R9584502QYC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/NQRT		623
5962R9584502VYC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/NVRT		623
5962F9584502QZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/XQFT		623
5962F9584502VZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/XVFT		623
5962H9584502QZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/XQHT		623
5962H9584502VZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/XVHT		623
5962R9584502QZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/XQRT		623
5962R9584502VZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6256/XVRT		623
5962F9584503QZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6356/XQFC		623
5962F9584503VZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6356/XVFC		623
5962H9584503QZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6356/XQHC		623
5962H9584503VZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6356/XVHC		623
5962R9584503QZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6356/XQRC		623
5962R9584503VZC	J	11/24/2014	2	HONEYWELL (1)		Y HX6356/XVRC		623
5962F9584504QUC	J	11/24/2014	2	HONEYWELL (1)		Y HX6356/PQFT		623
5962F9584504VUC	J	11/24/2014	2	HONEYWELL (1)		Y HX6356/PVFT		623
5962H9584504QUC	J	11/24/2014	2	HONEYWELL (1)		Y HX6356/PQHT		623
5962H9584504VUC	J	11/24/2014	2	HONEYWELL (1)		Y HX6356/PVHT		623
5962R9584504QUC	J	11/24/2014	2	HONEYWELL (1)		Y HX6356/PQRT		623
5962R9584504VUC	J	11/24/2014	2	HONEYWELL (1)		Y HX6356/PVRT		623
5962F9584504QZC	J	11/24/2014		(NONE)		6356 (GEN)		623
5962F9584504VZC	J	11/24/2014		(NONE)		6356 (GEN)		623
5962H9584504QZC	J	11/24/2014		(NONE)		6356 (GEN)		623

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5962H9584504VZC	J	11/24/2014		(NONE)		6356 (GEN)		623
5962R9584504QZC	J	11/24/2014		(NONE)		6356 (GEN)		623
5962R9584504VZC	J	11/24/2014		(NONE)		6356 (GEN)		623
5962H9584505Q9A	J	11/24/2014		(NONE)		6256 (GEN)		623
5962F9584505QXC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962F9584505VXC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962H9584505QXC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962H9584505VXC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962R9584505QXC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962R9584505VXC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962F9584505QYC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962F9584505VYC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962H9584505QYC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962H9584505VYC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962R9584505QYC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962R9584505VYC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962F9584505QZC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962F9584505VZC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962H9584505QZC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962H9584505VZC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962R9584505QZC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962R9584505VZC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962H9584506Q9A	J	11/24/2014		(NONE)		6256 (GEN)		623
5962F9584506QXC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962F9584506VXC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962H9584506QXC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962H9584506VXC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962R9584506QXC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962R9584506VXC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962F9584506QYC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962F9584506VYC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962H9584506QYC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962H9584506VYC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962R9584506QYC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962R9584506VYC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962F9584506QZC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962F9584506VZC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962H9584506QZC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962H9584506VZC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962R9584506QZC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962R9584506VZC	J	11/24/2014		(NONE)		6256 (GEN)		623
5962-95A0101MXA		07/11/1995		(NONE)		6559-008 (GEN)		429
5962-95A0101QXA		07/11/1995		(NONE)		6559-008 (GEN)		429
5962-95A0301M3A	A	05/20/1998		(NONE)		6553-018 (GEN)		365
5962-95A0301Q3A	A	05/20/1998		(NONE)		6553-018 (GEN)		365
5962M95A0501QXA	A	02/24/2014		(NONE)	12/10/2015	HS-51472AR3808 (GEN)		365
5962M95A0501QYA	A	02/24/2014		(NONE)	12/10/2015	HS-51472AR3808 (GEN)		365
5962-95B0101M4C		10/27/1994		(NONE)		LCA10K (GEN)		367
5962-95B0101M5C		10/27/1994		(NONE)		LCA10K (GEN)		367

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5962-95B0101M6C		10/27/1994		(NONE)			LCA10K (GEN)	367
5962-95B0101M7C		10/27/1994		(NONE)			LCA10K (GEN)	367
5962-95B0101M8C		10/27/1994		(NONE)			LCA10K (GEN)	367
5962-95B0101M9C		10/27/1994		(NONE)			LCA10K (GEN)	367
5962-95B0101MCC		10/27/1994		(NONE)			LCA10K (GEN)	367
5962-95B0101MMC		10/27/1994		(NONE)			LCA10K (GEN)	367
5962-95B0101MNC		10/27/1994		(NONE)			LCA10K (GEN)	367
5962-95B0101MTC		10/27/1994		(NONE)			LCA10K (GEN)	367
5962-95B0101MUC		10/27/1994		(NONE)			LCA10K (GEN)	367
5962-95B0101MXC		10/27/1994		(NONE)			LCA10K (GEN)	367
5962-95B0101MYC		10/27/1994		(NONE)			LCA10K (GEN)	367
5962-95B0101MZC		10/27/1994		(NONE)			LCA10K (GEN)	367
5962-95B0102M4C		10/27/1994		(NONE)			LMA9K (GEN)	367
5962-95B0102M5C		10/27/1994		(NONE)			LMA9K (GEN)	367
5962-95B0102M6C		10/27/1994		(NONE)			LMA9K (GEN)	367
5962-95B0102M7C		10/27/1994		(NONE)			LMA9K (GEN)	367
5962-95B0102M8C		10/27/1994		(NONE)			LMA9K (GEN)	367
5962-95B0102M9C		10/27/1994		(NONE)			LMA9K (GEN)	367
5962-95B0102MCC		10/27/1994		(NONE)			LMA9K (GEN)	367
5962-95B0102MMC		10/27/1994		(NONE)			LMA9K (GEN)	367
5962-95B0102MNC		10/27/1994		(NONE)			LMA9K (GEN)	367
5962-95B0102MTC		10/27/1994		(NONE)			LMA9K (GEN)	367
5962-95B0102MUC		10/27/1994		(NONE)			LMA9K (GEN)	367
5962-95B0102MXC		10/27/1994		(NONE)			LMA9K (GEN)	367
5962-95B0102MYC		10/27/1994		(NONE)			LMA9K (GEN)	367
5962-95B0102MZC		10/27/1994		(NONE)			LMA9K (GEN)	367
5962-95B0103M4C		10/27/1994		(NONE)			LCB15K (GEN)	367
5962-95B0103M5C		10/27/1994		(NONE)			LCB15K (GEN)	367
5962-95B0103M6C		10/27/1994		(NONE)			LCB15K (GEN)	367
5962-95B0103M7C		10/27/1994		(NONE)			LCB15K (GEN)	367
5962-95B0103M8C		10/27/1994		(NONE)			LCB15K (GEN)	367
5962-95B0103M9C		10/27/1994		(NONE)			LCB15K (GEN)	367
5962-95B0103MCC		10/27/1994		(NONE)			LCB15K (GEN)	367
5962-95B0103MMC		10/27/1994		(NONE)			LCB15K (GEN)	367
5962-95B0103MNC		10/27/1994		(NONE)			LCB15K (GEN)	367
5962-95B0103MTC		10/27/1994		(NONE)			LCB15K (GEN)	367
5962-95B0103MUC		10/27/1994		(NONE)			LCB15K (GEN)	367
5962-95B0103MXC		10/27/1994		(NONE)			LCB15K (GEN)	367
5962-95B0103MYC		10/27/1994		(NONE)			LCB15K (GEN)	367
5962-95B0103MZC		10/27/1994		(NONE)			LCB15K (GEN)	367
5962H95B0401QTC		12/09/1997		(NONE)			HX1060 (GEN)	365
5962H95B0401VTC		12/09/1997		(NONE)			HX1060 (GEN)	365
5962H95B0401QXC		12/09/1997		(NONE)			HX1060 (GEN)	365
5962H95B0401VXC		12/09/1997		(NONE)			HX1060 (GEN)	365
5962-9650101HUA	D	07/18/2013	1C	INTER. RECT.2		Y	AFL27025SW/CH	594
5962-9650101HUC	D	07/18/2013	1C	INTER. RECT.2		Y	AFL27025SW/CH	594
5962-9650101HXA	D	07/18/2013	1C	INTER. RECT.2		Y	AFL27025SX/CH	594
5962-9650101HXC	D	07/18/2013	1C	INTER. RECT.2		Y	AFL27025SX/CH	594
5962-9650101HYA	D	07/18/2013	1C	INTER. RECT.2		Y	AFL27025SY/CH	594

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5962-9650101HYC	D	07/18/2013	1C	INTER. RECT.2		Y AFL27025SY/CH		594
5962-9650101HZA	D	07/18/2013	1C	INTER. RECT.2		Y AFL27025SZ/CH		594
5962-9650101HZC	D	07/18/2013	1C	INTER. RECT.2		Y AFL27025SZ/CH		594
5962-9650201QEA	B	09/15/2009		(NONE)	09/04/2001	LM2595J-12 (GEN)		782
5962-9650301QEA	A	09/08/2009		(NONE)		LM2595J-5 (GEN)		782
5962-9650401QEA	A	07/13/2010		(NONE)	09/04/2001	LM2595J-ADJ (GEN)		789
5962-9650501QEA	E	02/19/2019		(NONE)	12/03/2008	LM2991 (GEN)		781
5962-9650501VEA	E	02/19/2019		(NONE)	12/03/2008	LM2991 (GEN)		781
5962-9650501QXA	E	02/19/2019		(NONE)	06/24/2011	LM2991 (GEN)		781
5962-9650502QXA	E	02/19/2019	1C	TI		Y LM2991GW-QML		781
5962-9650801QEA	A	10/16/2014		(NONE)		604A (GEN)		820
5962-9650801NXA	A	10/16/2014		(NONE)		604A (GEN)		820
5962-9650802NXA	A	10/16/2014		(NONE)		604A (GEN)		820
5962-9650901QXA	B	12/13/2013		(NONE)	11/28/2015	54ABT7820 (GEN)		670
5962G9651201Q9B	G	10/25/2017	2	COBHAM		Y UT54ACS00-Q-DIEG		100
5962G9651201V9B	G	10/25/2017	2	COBHAM		Y UT54ACS00-V-DIEG		100
5962H9651201Q9A	G	10/25/2017		(NONE)	06/30/2014	54ACS00 (GEN)		100
5962H9651201V9A	G	10/25/2017		(NONE)	06/30/2014	54ACS00 (GEN)		100
5962H9651201QCA	G	10/25/2017		(NONE)	06/30/2014	54ACS00 (GEN)		100
5962H9651201VCA	G	10/25/2017		(NONE)	06/30/2014	54ACS00 (GEN)		100
5962G9651201QXA	G	10/25/2017	2	COBHAM		Y UT54ACS00UQAG		100
5962G9651201QXC	G	10/25/2017	2	COBHAM		Y UT54ACS00UQCG		100
5962G9651201VXA	G	10/25/2017	2	COBHAM		Y UT54ACS00UVAG		100
5962G9651201VXC	G	10/25/2017	2	COBHAM		Y UT54ACS00UVCG		100
5962H9651201QXA	G	10/25/2017		(NONE)	06/30/2014	54ACS00 (GEN)		100
5962H9651201VXA	G	10/25/2017		(NONE)	06/30/2014	54ACS00 (GEN)		100
5962H9651202Q9B	G	10/25/2017	2	COBHAM		Y UT54ACS00E-Q-DIEH		100
5962H9651202V9B	G	10/25/2017	2	COBHAM		Y UT54ACS00E-V-DIEH		100
5962H9651202QXA	G	10/25/2017	2	COBHAM		Y UT54ACS00EUQAH		100
5962H9651202QXC	G	10/25/2017	2	COBHAM		Y UT54ACS00EUQCH		100
5962H9651202VXA	G	10/25/2017	2	COBHAM		Y UT54ACS00EUVAH		100
5962H9651202VXC	G	10/25/2017	2	COBHAM		Y UT54ACS00EUVCH		100
5962G9651203Q9B	G	10/25/2017	2	COBHAM		Y UT54ACS00E-Q-DIEG		100
5962G9651203V9B	G	10/25/2017	2	COBHAM		Y UT54ACS00E-V-DIEG		100
5962G9651203QXA	G	10/25/2017	2	COBHAM		Y UT54ACS00EUQAG		100
5962G9651203QXC	G	10/25/2017	2	COBHAM		Y UT54ACS00EUQCG		100
5962G9651203VXA	G	10/25/2017	2	COBHAM		Y UT54ACS00EUVAG		100
5962G9651203VXC	G	10/25/2017	2	COBHAM		Y UT54ACS00EUVCG		100
5962G9651301Q9B	H	10/27/2017	2	COBHAM		Y UT54ACTS00-QDIEG		100
5962G9651301V9B	H	10/27/2017	2	COBHAM		Y UT54ACTS00-VDIEG		100
5962H9651301Q9A	H	10/27/2017		(NONE)	12/31/2010	54ACTS00 (GEN)		100
5962H9651301V9A	H	10/27/2017		(NONE)	12/31/2010	54ACTS00 (GEN)		100
5962H9651301QCA	H	10/27/2017		(NONE)	12/31/2010	54ACTS00 (GEN)		100
5962H9651301VCA	H	10/27/2017		(NONE)	12/31/2010	54ACTS00 (GEN)		100
5962G9651301QXA	H	10/27/2017	2	COBHAM		Y UT54ACTS00-UQAG		100
5962G9651301QXC	H	10/27/2017	2	COBHAM		Y UT54ACTS00-UQCG		100
5962G9651301VXA	H	10/27/2017	2	COBHAM		Y UT54ACTS00-UVAG		100
5962G9651301VXC	H	10/27/2017	2	COBHAM		Y UT54ACTS00-UVCG		100
5962H9651301QXA	H	10/27/2017		(NONE)	12/31/2010	54ACTS00 (GEN)		100



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5962H9651301VXA	H	10/27/2017		(NONE)	12/31/2010		54ACTS00 (GEN)	100
5962H9651302Q9B	H	10/27/2017	2	COBHAM		Y	UT54ACTS00E-QDIEH	100
5962H9651302V9B	H	10/27/2017	2	COBHAM		Y	UT54ACTS00E-VDIEH	100
5962H9651302QXA	H	10/27/2017	2	COBHAM		Y	UT54ACTS00EUQAH	100
5962H9651302QXC	H	10/27/2017	2	COBHAM		Y	UT54ACTS00EUQCH	100
5962H9651302VXA	H	10/27/2017	2	COBHAM		Y	UT54ACTS00EUVAH	100
5962H9651302VXC	H	10/27/2017	2	COBHAM		Y	UT54ACTS00EUVCH	100
5962G9651303Q9B	H	10/27/2017	2	COBHAM		Y	UT54ACTS00E-QDIEG	100
5962G9651303V9B	H	10/27/2017	2	COBHAM		Y	UT54ACTS00E-VDIEG	100
5962G9651303QXA	H	10/27/2017	2	COBHAM		Y	UT54ACTS00EUQAG	100
5962G9651303QXC	H	10/27/2017	2	COBHAM		Y	UT54ACTS00EUQCG	100
5962G9651303VXA	H	10/27/2017	2	COBHAM		Y	UT54ACTS00EUVAG	100
5962G9651303VXC	H	10/27/2017	2	COBHAM		Y	UT54ACTS00EUVCG	100
5962G9651401Q9A	J	10/27/2017	2	COBHAM		Y	UT54ACS02-Q-DIEG	120
5962G9651401V9A	J	10/27/2017	2	COBHAM		Y	UT54ACS02-V-DIEG	120
5962H9651401Q9A	J	10/27/2017		(NONE)	12/31/2010		54ACS02 (GEN)	120
5962H9651401V9A	J	10/27/2017		(NONE)	12/31/2010		54ACS02 (GEN)	120
5962H9651401QCA	J	10/27/2017		(NONE)	12/31/2010		54ACS02 (GEN)	120
5962H9651401VCA	J	10/27/2017		(NONE)	12/31/2010		54ACS02 (GEN)	120
5962G9651401QXA	J	10/27/2017	2	COBHAM		Y	UT54ACS02-UQAG	120
5962G9651401QXC	J	10/27/2017	2	COBHAM		Y	UT54ACS02-UQCG	120
5962G9651401VXA	J	10/27/2017	2	COBHAM		Y	UT54ACS02-UVAG	120
5962G9651401VXC	J	10/27/2017	2	COBHAM		Y	UT54ACS02-UVCG	120
5962H9651401QXA	J	10/27/2017		(NONE)	12/31/2010		54ACS02 (GEN)	120
5962H9651401VXA	J	10/27/2017		(NONE)	12/31/2010		54ACS02 (GEN)	120
5962H9651402Q9A	J	10/27/2017	2	COBHAM		Y	UT54ACS02E-Q-DIEH	120
5962H9651402V9A	J	10/27/2017	2	COBHAM		Y	UT54ACS02E-V-DIEH	120
5962H9651402QXA	J	10/27/2017	2	COBHAM		Y	UT54ACS02EUQAH	120
5962H9651402QXC	J	10/27/2017	2	COBHAM		Y	UT54ACS02EUQCH	120
5962H9651402VXA	J	10/27/2017	2	COBHAM		Y	UT54ACS02EUVAH	120
5962H9651402VXC	J	10/27/2017	2	COBHAM		Y	UT54ACS02EUVCH	120
5962G9651403Q9A	J	10/27/2017	2	COBHAM		Y	UT54ACS02E-Q-DIEG	120
5962G9651403V9A	J	10/27/2017	2	COBHAM		Y	UT54ACS02E-V-DIEG	120
5962G9651403QXA	J	10/27/2017	2	COBHAM		Y	UT54ACS02EUQAG	120
5962G9651403QXC	J	10/27/2017	2	COBHAM		Y	UT54ACS02EUQCG	120
5962G9651403VXA	J	10/27/2017	2	COBHAM		Y	UT54ACS02EUVAG	120
5962G9651403VXC	J	10/27/2017	2	COBHAM		Y	UT54ACS02EUVCG	120
5962G9651501Q9B	H	10/30/2017	2	COBHAM		Y	UT54ACTS02-Q-DIEG	120
5962G9651501V9B	H	10/30/2017	2	COBHAM		Y	UT54ACTS02-V-DIEG	120
5962H9651501Q9A	H	10/30/2017		(NONE)	12/31/2010		54ACTS02 (GEN)	120
5962H9651501V9A	H	10/30/2017		(NONE)	12/31/2010		54ACTS02 (GEN)	120
5962H9651501QCA	H	10/30/2017		(NONE)	12/31/2010		54ACTS02 (GEN)	120
5962H9651501VCA	H	10/30/2017		(NONE)	12/31/2010		54ACTS02 (GEN)	120
5962G9651501QXA	H	10/30/2017	2	COBHAM		Y	UT54ACTS02-UQAG	120
5962G9651501QXC	H	10/30/2017	2	COBHAM		Y	UT54ACTS02-UQCG	120
5962G9651501VXA	H	10/30/2017	2	COBHAM		Y	UT54ACTS02-UVAG	120
5962G9651501VXC	H	10/30/2017	2	COBHAM		Y	UT54ACTS02-UVCG	120
5962H9651501QXA	H	10/30/2017		(NONE)	12/31/2010		54ACTS02 (GEN)	120
5962H9651501VXA	H	10/30/2017		(NONE)	12/31/2010		54ACTS02 (GEN)	120

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5962H9651502Q9B	H	10/30/2017	1	COBHAM		Y UT54ACTS02E-Q-DIEH		120
5962H9651502V9B	H	10/30/2017	1	COBHAM		Y UT54ACTS02E-V-DIEH		120
5962H9651502QXA	H	10/30/2017	1	COBHAM		Y UT54ACTS02EUQAH		120
5962H9651502QXC	H	10/30/2017	1	COBHAM		Y UT54ACTS02EUQCH		120
5962H9651502VXA	H	10/30/2017	1	COBHAM		Y UT54ACTS02EUQVH		120
5962H9651502VXC	H	10/30/2017	1	COBHAM		Y UT54ACTS02EUVCH		120
5962G9651503Q9B	H	10/30/2017	2	COBHAM		Y UT54ACTS02E-Q-DIEG		120
5962G9651503V9B	H	10/30/2017	2	COBHAM		Y UT54ACTS02E-V-DIEG		120
5962G9651503QXA	H	10/30/2017	2	COBHAM		Y UT54ACTS02EUQAG		120
5962G9651503QXC	H	10/30/2017	2	COBHAM		Y UT54ACTS02EUQCG		120
5962G9651503VXA	H	10/30/2017	2	COBHAM		Y UT54ACTS02EUVAG		120
5962G9651503VXC	H	10/30/2017	2	COBHAM		Y UT54ACTS02EUVCG		120
5962G9651601Q9B	H	10/25/2017	2	COBHAM		Y UT54ACS04-QDIEG		143
5962G9651601V9B	H	10/25/2017	2	COBHAM		Y UT54ACS04-VDIEG		143
5962H9651601Q9A	H	10/25/2017		(NONE)	06/30/2014	54ACS04 (GEN)		143
5962H9651601V9A	H	10/25/2017		(NONE)	06/30/2014	54ACS04 (GEN)		143
5962H9651601QCA	H	10/25/2017		(NONE)	06/30/2014	54ACS04 (GEN)		143
5962H9651601VCA	H	10/25/2017		(NONE)	06/30/2014	54ACS04 (GEN)		143
5962G9651601QXA	H	10/25/2017	2	COBHAM		Y UT54ACS04-UQAG		143
5962G9651601QXC	H	10/25/2017	2	COBHAM		Y UT54ACS04-UQCG		143
5962G9651601VXA	H	10/25/2017	2	COBHAM		Y UT54ACS04-UVAG		143
5962G9651601VXC	H	10/25/2017	2	COBHAM		Y UT54ACS04-UVCG		143
5962H9651601QXA	H	10/25/2017		(NONE)	06/30/2014	54ACS04 (GEN)		143
5962H9651601VXA	H	10/25/2017		(NONE)	06/30/2014	54ACS04 (GEN)		143
5962H9651602Q9B	H	10/25/2017	2	COBHAM		Y UT54ACS04E-QDIEH		143
5962H9651602V9B	H	10/25/2017	2	COBHAM		Y UT54ACS04E-VDIEH		143
5962H9651602QXA	H	10/25/2017	2	COBHAM		Y UT54ACS04E-UQAH		143
5962H9651602QXC	H	10/25/2017	2	COBHAM		Y UT54ACS04E-UQCH		143
5962H9651602VXA	H	10/25/2017	2	COBHAM		Y UT54ACS04E-UVAH		143
5962H9651602VXC	H	10/25/2017	2	COBHAM		Y UT54ACS04E-UVCH		143
5962G9651603Q9B	H	10/25/2017	2	COBHAM		Y UT54ACS04E-QDIEG		143
5962G9651603V9B	H	10/25/2017	2	COBHAM		Y UT54ACS04E-VDIEG		143
5962G9651603QXA	H	10/25/2017	2	COBHAM		Y UT54ACS04E-UQAG		143
5962G9651603QXC	H	10/25/2017	2	COBHAM		Y UT54ACS04E-UQCG		143
5962G9651603VXA	H	10/25/2017	2	COBHAM		Y UT54ACS04E-UVAG		143
5962G9651603VXC	H	10/25/2017	2	COBHAM		Y UT54ACS04E-UVCG		143
5962H9651701Q9A	G	10/24/2017	1	COBHAM		Y UT54ACTS04-Q-DIEH		143
5962H9651701V9A	G	10/24/2017	1	COBHAM		Y UT54ACTS04-V-DIEH		143
5962H9651701QCA	G	10/24/2017	1	COBHAM		Y UT54ACTS04PQAH		143
5962H9651701QCC	G	10/24/2017	1	COBHAM		Y UT54ACTS04PQCH		143
5962H9651701VCA	G	10/24/2017	1	COBHAM		Y UT54ACTS04PVAH		143
5962H9651701VCC	G	10/24/2017	1	COBHAM		Y UT54ACTS04PVCH		143
5962H9651701QXA	G	10/24/2017	1	COBHAM		Y UT54ACTS04UQAH		143
5962H9651701QXC	G	10/24/2017	1	COBHAM		Y UT54ACTS04UQCH		143
5962H9651701VXA	G	10/24/2017	1	COBHAM		Y UT54ACTS04UVAH		143
5962H9651701VXC	G	10/24/2017	1	COBHAM		Y UT54ACTS04UVCH		143
5962H9651702Q9B	G	10/24/2017	2	COBHAM		Y UT54ACTS04E-Q-DIEH		143
5962H9651702V9B	G	10/24/2017	2	COBHAM		Y UT54ACTS04E-V-DIEH		143
5962H9651702QXA	G	10/24/2017	2	COBHAM		Y UT54ACTS04EUQAH		143

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962H9651702QXC	G	10/24/2017	2	COBHAM		Y	UT54ACTS04EUQCH	143
5962H9651702VXA	G	10/24/2017	2	COBHAM		Y	UT54ACTS04EUVAH	143
5962H9651702VXC	G	10/24/2017	2	COBHAM		Y	UT54ACTS04EUVCH	143
5962G9651703Q9B	G	10/24/2017	2	COBHAM		Y	UT54ACTS04E-Q-DIEG	143
5962G9651703V9B	G	10/24/2017	2	COBHAM		Y	UT54ACTS04E-V-DIEG	143
5962G9651703QXA	G	10/24/2017	2	COBHAM		Y	UT54ACTS04EUQAG	143
5962G9651703QXC	G	10/24/2017	2	COBHAM		Y	UT54ACTS04EUQCG	143
5962G9651703VXA	G	10/24/2017	2	COBHAM		Y	UT54ACTS04EUVAG	143
5962G9651703VXC	G	10/24/2017	2	COBHAM		Y	UT54ACTS04EUVCG	143
5962G9651801Q9A	H	10/24/2017	2	COBHAM		Y	UT54ACS08-Q-DIEG	110
5962G9651801V9A	H	10/24/2017	2	COBHAM		Y	UT54ACS08-V-DIEG	110
5962H9651801QCA	H	10/24/2017		(NONE)	12/31/2010		54ACS08 (GEN)	110
5962H9651801VCA	H	10/24/2017		(NONE)	12/31/2010		54ACS08 (GEN)	110
5962G9651801QXA	H	10/24/2017	2	COBHAM		Y	UT54ACS08UQAG	110
5962G9651801QXC	H	10/24/2017	2	COBHAM		Y	UT54ACS08UQCG	110
5962G9651801VXA	H	10/24/2017	2	COBHAM		Y	UT54ACS08UVAG	110
5962G9651801VXC	H	10/24/2017	2	COBHAM		Y	UT54ACS08UVCG	110
5962H9651801QXA	H	10/24/2017		(NONE)	12/31/2010		54ACS08 (GEN)	110
5962H9651801VXA	H	10/24/2017		(NONE)	12/31/2010		54ACS08 (GEN)	110
5962H9651802Q9A	H	10/24/2017	2	COBHAM		Y	UT54ACS08E-Q-DIEH	110
5962H9651802V9A	H	10/24/2017	2	COBHAM		Y	UT54ACS08E-V-DIEH	110
5962H9651802QXA	H	10/24/2017	2	COBHAM		Y	UT54ACS08EUQAH	110
5962H9651802QXC	H	10/24/2017	2	COBHAM		Y	UT54ACS08EUQCH	110
5962H9651802VXA	H	10/24/2017	2	COBHAM		Y	UT54ACS08EUVAH	110
5962H9651802VXC	H	10/24/2017	2	COBHAM		Y	UT54ACS08EUVCH	110
5962G9651803Q9A	H	10/24/2017	2	COBHAM		Y	UT54ACS08E-Q-DIEG	110
5962G9651803V9A	H	10/24/2017	2	COBHAM		Y	UT54ACS08E-V-DIEG	110
5962G9651803QXA	H	10/24/2017	2	COBHAM		Y	UT54ACS08EUQAG	110
5962G9651803QXC	H	10/24/2017	2	COBHAM		Y	UT54ACS08EUQCG	110
5962G9651803VXA	H	10/24/2017	2	COBHAM		Y	UT54ACS08EUVAG	110
5962G9651803VXC	H	10/24/2017	2	COBHAM		Y	UT54ACS08EUVCG	110
5962G9651901Q9A	K	10/27/2017	2	COBHAM		Y	UT54ACTS08-QDIEG	110
5962G9651901V9A	K	10/27/2017	2	COBHAM		Y	UT54ACTS08-VDIEG	110
5962H9651901Q9A	K	10/27/2017		(NONE)	12/31/2010		54ACTS08 (GEN)	110
5962H9651901V9A	K	10/27/2017		(NONE)	12/31/2010		54ACTS08 (GEN)	110
5962H9651901QCA	K	10/27/2017		(NONE)	12/31/2010		54ACTS08 (GEN)	110
5962H9651901VCA	K	10/27/2017		(NONE)	12/31/2010		54ACTS08 (GEN)	110
5962G9651901QXA	K	10/27/2017	2	COBHAM		Y	UT54ACTS08-UQAG	110
5962G9651901QXC	K	10/27/2017	2	COBHAM		Y	UT54ACTS08-UQCG	110
5962G9651901VXA	K	10/27/2017	2	COBHAM		Y	UT54ACTS08-UVAG	110
5962G9651901VXC	K	10/27/2017	2	COBHAM		Y	UT54ACTS08-UVCG	110
5962H9651901QXA	K	10/27/2017		(NONE)	12/31/2010		54ACTS08 (GEN)	110
5962H9651901VXA	K	10/27/2017		(NONE)	12/31/2010		54ACTS08 (GEN)	110
5962H9651902Q9A	K	10/27/2017	2	COBHAM		Y	UT54ACTS08E-QDIEH	110
5962H9651902V9A	K	10/27/2017	2	COBHAM		Y	UT54ACTS08E-VDIEH	110
5962H9651902QXA	K	10/27/2017	2	COBHAM		Y	UT54ACTS08EUQAH	110
5962H9651902QXC	K	10/27/2017	2	COBHAM		Y	UT54ACTS08EUQCH	110
5962H9651902VXA	K	10/27/2017	2	COBHAM		Y	UT54ACTS08EUVAH	110
5962H9651902VXC	K	10/27/2017	2	COBHAM		Y	UT54ACTS08EUVCH	110

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962G9651903Q9A	K	10/27/2017	2	COBHAM		Y UT54ACTS08E-QDIEG		110
5962G9651903V9A	K	10/27/2017	2	COBHAM		Y UT54ACTS08E-VDIEG		110
5962G9651903QXA	K	10/27/2017	2	COBHAM		Y UT54ACTS08EUQAG		110
5962G9651903QXC	K	10/27/2017	2	COBHAM		Y UT54ACTS08EUQCG		110
5962G9651903VXA	K	10/27/2017	2	COBHAM		Y UT54ACTS08EUVAG		110
5962G9651903VXC	K	10/27/2017	2	COBHAM		Y UT54ACTS08EUVCG		110
5962H9652001QCA	D	10/23/2013	1	COBHAM		Y UT54ACS10PQAH		102
5962H9652001QCC	D	10/23/2013	1	COBHAM		Y UT54ACS10PQCH		102
5962H9652001VCA	D	10/23/2013	1	COBHAM		Y UT54ACS10PVAH		102
5962H9652001VCC	D	10/23/2013	1	COBHAM		Y UT54ACS10PVCH		102
5962H9652001QXA	D	10/23/2013	1	COBHAM		Y UT54ACS10UQAH		102
5962H9652001QXC	D	10/23/2013	1	COBHAM		Y UT54ACS10UQCH		102
5962H9652001VXA	D	10/23/2013	1	COBHAM		Y UT54ACS10UVAH		102
5962H9652001VXC	D	10/23/2013	1	COBHAM		Y UT54ACS10UVCH		102
5962H9652101QCA	D	11/19/2012	1	COBHAM		Y UT54ACTS10PQAH		102
5962H9652101QCC	D	11/19/2012	1	COBHAM		Y UT54ACTS10PQCH		102
5962H9652101VCA	D	11/19/2012	1	COBHAM		Y UT54ACTS10PVAH		102
5962H9652101VCC	D	11/19/2012	1	COBHAM		Y UT54ACTS10PVCH		102
5962H9652101QXA	D	11/19/2012	1	COBHAM		Y UT54ACTS10UQAH		102
5962H9652101QXC	D	11/19/2012	1	COBHAM		Y UT54ACTS10UQCH		102
5962H9652101VXA	D	11/19/2012	1	COBHAM		Y UT54ACTS10UVAH		102
5962H9652101VXC	D	11/19/2012	1	COBHAM		Y UT54ACTS10UVCH		102
5962H9652201Q9A	D	07/27/2016	1	COBHAM		Y UT54ACS11-Q-DIE		112
5962H9652201V9A	D	07/27/2016	1	COBHAM		Y UT54ACS11-V-DIE		112
5962H9652201QCA	D	07/27/2016	1	COBHAM		Y UT54ACS11PQAH		112
5962H9652201QCC	D	07/27/2016	1	COBHAM		Y UT54ACS11PQCH		112
5962H9652201VCA	D	07/27/2016	1	COBHAM		Y UT54ACS11PVAH		112
5962H9652201VCC	D	07/27/2016	1	COBHAM		Y UT54ACS11PVCH		112
5962H9652201QXA	D	07/27/2016	1	COBHAM		Y UT54ACS11UQAH		112
5962H9652201QXC	D	07/27/2016	1	COBHAM		Y UT54ACS11UQCH		112
5962H9652201VXA	D	07/27/2016	1	COBHAM		Y UT54ACS11UVAH		112
5962H9652201VXC	D	07/27/2016	1	COBHAM		Y UT54ACS11UVCH		112
5962H9652301QCA	D	11/19/2012	1	COBHAM		Y UT54ACTS11PQAH		112
5962H9652301QCC	D	11/19/2012	1	COBHAM		Y UT54ACTS11PQCH		112
5962H9652301VCA	D	11/19/2012	1	COBHAM		Y UT54ACTS11PVAH		112
5962H9652301VCC	D	11/19/2012	1	COBHAM		Y UT54ACTS11PVCH		112
5962H9652301QXA	D	11/19/2012	1	COBHAM		Y UT54ACTS11UQAH		112
5962H9652301QXC	D	11/19/2012	1	COBHAM		Y UT54ACTS11UQCH		112
5962H9652301VXA	D	11/19/2012	1	COBHAM		Y UT54ACTS11UVAH		112
5962H9652301VXC	D	11/19/2012	1	COBHAM		Y UT54ACTS11UVCH		112
5962G9652401Q9B	K	10/25/2017	2	COBHAM		Y UT54ACS14-Q-DIEG		143
5962G9652401V9B	K	10/25/2017	2	COBHAM		Y UT54ACS14-V-DIEG		143
5962H9652401Q9B	K	10/25/2017		(NONE)		54ACS14 (GEN)		143
5962H9652401V9B	K	10/25/2017		(NONE)		54ACS14 (GEN)		143
5962H9652401QCA	K	10/25/2017		(NONE)		54ACS14 (GEN)		143
5962H9652401VCA	K	10/25/2017		(NONE)		54ACS14 (GEN)		143
5962G9652401QXA	K	10/25/2017	2	COBHAM		Y UT54ACS14UQAG		143
5962G9652401QXC	K	10/25/2017	2	COBHAM		Y UT54ACS14UQCG		143
5962G9652401VXA	K	10/25/2017	2	COBHAM		Y UT54ACS14UVAG		143

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5962G9652401VXC	K	10/25/2017	2	COBHAM		Y UT54ACS14UVCG		143
5962H9652401QXA	K	10/25/2017		(NONE)		54ACS14 (GEN)		143
5962H9652401VXA	K	10/25/2017		(NONE)		54ACS14 (GEN)		143
5962H9652402Q9B	K	10/25/2017	2	COBHAM		Y UT54ACS14E-Q-DIEH		143
5962H9652402V9B	K	10/25/2017	2	COBHAM		Y UT54ACS14E-V-DIEH		143
5962H9652402QXA	K	10/25/2017	2	COBHAM		Y UT54ACS14EUQAH		143
5962H9652402QXC	K	10/25/2017	2	COBHAM		Y UT54ACS14EUQCH		143
5962H9652402VXA	K	10/25/2017	2	COBHAM		Y UT54ACS14EUVAH		143
5962H9652402VXC	K	10/25/2017	2	COBHAM		Y UT54ACS14EUVCH		143
5962G9652403Q9B	K	10/25/2017	2	COBHAM		Y UT54ACS14E-Q-DIEG		143
5962G9652403V9B	K	10/25/2017	2	COBHAM		Y UT54ACS14E-V-DIEG		143
5962G9652403QXA	K	10/25/2017	2	COBHAM		Y UT54ACS14EUQAG		143
5962G9652403QXC	K	10/25/2017	2	COBHAM		Y UT54ACS14EUQCG		143
5962G9652403VXA	K	10/25/2017	2	COBHAM		Y UT54ACS14EUVAG		143
5962G9652403VXC	K	10/25/2017	2	COBHAM		Y UT54ACS14EUVCG		143
5962G9652501Q9A	J	10/27/2017	1C	COBHAM		Y UT54ACTS14-Q-DIEG		143
5962G9652501V9A	J	10/27/2017	1C	COBHAM		Y UT54ACTS14-V-DIEG		143
5962H9652501QCA	J	10/27/2017		(NONE)	10/31/2007	54ACTS14 (GEN)		143
5962H9652501VCA	J	10/27/2017		(NONE)	10/31/2007	54ACTS14 (GEN)		143
5962G9652501QXA	J	10/27/2017	1C	COBHAM		Y UT54ACTS14UQAG		143
5962G9652501QXC	J	10/27/2017	1C	COBHAM		Y UT54ACTS14UQCG		143
5962G9652501VXA	J	10/27/2017	1C	COBHAM		Y UT54ACTS14UVAG		143
5962G9652501VXC	J	10/27/2017	1C	COBHAM		Y UT54ACTS14UVCG		143
5962H9652501QXA	J	10/27/2017		(NONE)	10/31/2007	54ACTS14 (GEN)		143
5962H9652501VXC	J	10/27/2017		(NONE)	10/31/2007	54ACTS14 (GEN)		143
5962H9652502Q9A	J	10/27/2017	1C	COBHAM		Y UT54ACTS14E-Q-DIEH		143
5962H9652502V9A	J	10/27/2017	1C	COBHAM		Y UT54ACTS14E-V-DIEH		143
5962H9652502QXA	J	10/27/2017	1C	COBHAM		Y UT54ACTS14EUQAH		143
5962H9652502QXC	J	10/27/2017	1C	COBHAM		Y UT54ACTS14EUQCH		143
5962H9652502VXA	J	10/27/2017	1C	COBHAM		Y UT54ACTS14EUVAH		143
5962H9652502VXC	J	10/27/2017	1C	COBHAM		Y UT54ACTS14EUVCH		143
5962G9652503Q9A	J	10/27/2017	2	COBHAM		Y UT54ACTS14E-Q-DIEG		143
5962G9652503V9A	J	10/27/2017	2	COBHAM		Y UT54ACTS14E-V-DIEG		143
5962G9652503QXA	J	10/27/2017	2	COBHAM		Y UT54ACTS14EUQAG		143
5962G9652503QXC	J	10/27/2017	2	COBHAM		Y UT54ACTS14EUQCG		143
5962G9652503VXA	J	10/27/2017	2	COBHAM		Y UT54ACTS14EUVAG		143
5962G9652503VXC	J	10/27/2017	2	COBHAM		Y UT54ACTS14EUVCG		143
5962H9652601Q9A	D	05/17/2012	1	COBHAM		Y UT54ACS20-QDIE		104
5962H9652601V9A	D	05/17/2012	1	COBHAM		Y UT54ACS20-VDIE		104
5962H9652601QCA	D	05/17/2012	1	COBHAM		Y UT54ACS20PQAH		104
5962H9652601QCC	D	05/17/2012	1	COBHAM		Y UT54ACS20PQCH		104
5962H9652601VCA	D	05/17/2012	1	COBHAM		Y UT54ACS20PVAH		104
5962H9652601VCC	D	05/17/2012	1	COBHAM		Y UT54ACS20PVCH		104
5962H9652601QXA	D	05/17/2012	1	COBHAM		Y UT54ACS20UQAH		104
5962H9652601QXC	D	05/17/2012	1	COBHAM		Y UT54ACS20UQCH		104
5962H9652601VXA	D	05/17/2012	1	COBHAM		Y UT54ACS20UVAH		104
5962H9652601VXC	D	05/17/2012	1	COBHAM		Y UT54ACS20UVCH		104
5962G9652701Q9B	F	10/24/2017	2	COBHAM		Y UT54ACTS20-QDIEG		104
5962G9652701V9B	F	10/24/2017	2	COBHAM		Y UT54ACTS20-VDIEG		104



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5962H9652701Q9A	F	10/24/2017		(NONE)			54ACTS20 (GEN)	104
5962H9652701V9A	F	10/24/2017		(NONE)			54ACTS20 (GEN)	104
5962H9652701QCA	F	10/24/2017		(NONE)			54ACTS20 (GEN)	104
5962H9652701VCA	F	10/24/2017		(NONE)			54ACTS20 (GEN)	104
5962G9652701QXA	F	10/24/2017	2	COBHAM		Y UT54ACTS20UQAG		104
5962G9652701QXC	F	10/24/2017	2	COBHAM		Y UT54ACTS20UQCG		104
5962G9652701VXA	F	10/24/2017	2	COBHAM		Y UT54ACTS20UVAG		104
5962G9652701VXC	F	10/24/2017	2	COBHAM		Y UT54ACTS20UVCG		104
5962H9652701QXA	F	10/24/2017		(NONE)			54ACTS20 (GEN)	104
5962H9652701VXA	F	10/24/2017		(NONE)			54ACTS20 (GEN)	104
5962H9652702Q9B	F	10/24/2017	2	COBHAM		Y UT54ACTS20E-QDIEH		104
5962H9652702V9B	F	10/24/2017	2	COBHAM		Y UT54ACTS20E-VDIEH		104
5962H9652702QXA	F	10/24/2017	2	COBHAM		Y UT54ACTS20E-UQAH		104
5962H9652702QXC	F	10/24/2017	2	COBHAM		Y UT54ACTS20E-UQCH		104
5962H9652702VXA	F	10/24/2017	2	COBHAM		Y UT54ACTS20E-UVAH		104
5962H9652702VXC	F	10/24/2017	2	COBHAM		Y UT54ACTS20E-UVCH		104
5962G9652703Q9B	F	10/24/2017	2	COBHAM		Y UT54ACTS20E-QDIEG		104
5962G9652703V9B	F	10/24/2017	2	COBHAM		Y UT54ACTS20E-VDIEG		104
5962G9652703QXA	F	10/24/2017	2	COBHAM		Y UT54ACTS20E-UQAG		104
5962G9652703QXC	F	10/24/2017	2	COBHAM		Y UT54ACTS20E-UQCG		104
5962G9652703VXA	F	10/24/2017	2	COBHAM		Y UT54ACTS20E-UVAG		104
5962G9652703VXC	F	10/24/2017	2	COBHAM		Y UT54ACTS20E-UVCG		104
5962H9652801QCA	C	05/17/2012	1	COBHAM		Y UT54ACS27PQAH		122
5962H9652801QCC	C	05/17/2012	1	COBHAM		Y UT54ACS27PQCH		122
5962H9652801VCA	C	05/17/2012	1	COBHAM		Y UT54ACS27PVAH		122
5962H9652801VCC	C	05/17/2012	1	COBHAM		Y UT54ACS27PVCH		122
5962H9652801QXA	C	05/17/2012	1	COBHAM		Y UT54ACS27UQAH		122
5962H9652801QXC	C	05/17/2012	1	COBHAM		Y UT54ACS27UQCH		122
5962H9652801VXA	C	05/17/2012	1	COBHAM		Y UT54ACS27UVAH		122
5962H9652801VXC	C	05/17/2012	1	COBHAM		Y UT54ACS27UVCH		122
5962H9652901QCA	D	12/10/2012	1	COBHAM		Y UT54ACTS27PQAH		122
5962H9652901QCC	D	12/10/2012	1	COBHAM		Y UT54ACTS27PQCH		122
5962H9652901VCA	D	12/10/2012	1	COBHAM		Y UT54ACTS27PVAH		122
5962H9652901VCC	D	12/10/2012	1	COBHAM		Y UT54ACTS27PVCH		122
5962H9652901QXA	D	12/10/2012	1	COBHAM		Y UT54ACTS27UQAH		122
5962H9652901QXC	D	12/10/2012	1	COBHAM		Y UT54ACTS27UQCH		122
5962H9652901VXA	D	12/10/2012	1	COBHAM		Y UT54ACTS27UVAH		122
5962H9652901VXC	D	12/10/2012	1	COBHAM		Y UT54ACTS27UVCH		122
5962H9653001Q9A	D	07/09/2013	1	COBHAM		Y UT54ACS34-Q-DIE		513
5962H9653001V9A	D	07/09/2013	1	COBHAM		Y UT54ACS34-V-DIE		513
5962H9653001QCA	D	07/09/2013	1	COBHAM		Y UT54ACS34PQAH		513
5962H9653001QCC	D	07/09/2013	1	COBHAM		Y UT54ACS34PQCH		513
5962H9653001VCA	D	07/09/2013	1	COBHAM		Y UT54ACS34PVAH		513
5962H9653001VCC	D	07/09/2013	1	COBHAM		Y UT54ACS34PVCH		513
5962H9653001QXA	D	07/09/2013	1	COBHAM		Y UT54ACS34UQAH		513
5962H9653001QXC	D	07/09/2013	1	COBHAM		Y UT54ACS34UQCH		513
5962H9653001VXA	D	07/09/2013	1	COBHAM		Y UT54ACS34UVAH		513
5962H9653001VXC	D	07/09/2013	1	COBHAM		Y UT54ACS34UVCH		513
5962H9653101Q9A	D	07/09/2013	1	COBHAM		Y UT54ACTS34-Q-DIE		513

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5962H9653101V9A	D	07/09/2013	1	COBHAM		Y UT54ACTS34-V-DIE		513
5962H9653101QCA	D	07/09/2013	1	COBHAM		Y UT54ACTS34PQAH		513
5962H9653101QCC	D	07/09/2013	1	COBHAM		Y UT54ACTS34PQCH		513
5962H9653101VCA	D	07/09/2013	1	COBHAM		Y UT54ACTS34PVAH		513
5962H9653101VCC	D	07/09/2013	1	COBHAM		Y UT54ACTS34PVCH		513
5962H9653101QXA	D	07/09/2013	1	COBHAM		Y UT54ACTS34UQAH		513
5962H9653101QXC	D	07/09/2013	1	COBHAM		Y UT54ACTS34UQCH		513
5962H9653101VXA	D	07/09/2013	1	COBHAM		Y UT54ACTS34UVAH		513
5962H9653101VXC	D	07/09/2013	1	COBHAM		Y UT54ACTS34UVCH		513
5962H9653201QCA	D	10/23/2013	1	COBHAM		Y UT54ACS54PQAH		131
5962H9653201QCC	D	10/23/2013	1	COBHAM		Y UT54ACS54PQCH		131
5962H9653201VCA	D	10/23/2013	1	COBHAM		Y UT54ACS54PVAH		131
5962H9653201VCC	D	10/23/2013	1	COBHAM		Y UT54ACS54PVCH		131
5962H9653201QXA	D	10/23/2013	1	COBHAM		Y UT54ACS54UQAH		131
5962H9653201QXC	D	10/23/2013	1	COBHAM		Y UT54ACS54UQCH		131
5962H9653201VXA	D	10/23/2013	1	COBHAM		Y UT54ACS54UVAH		131
5962H9653201VXC	D	10/23/2013	1	COBHAM		Y UT54ACS54UVCH		131
5962H9653301QCA	D	12/17/2013	1	COBHAM		Y UT54ACTS54PQAH		131
5962H9653301QCC	D	12/17/2013	1	COBHAM		Y UT54ACTS54PQCH		131
5962H9653301VCA	D	12/17/2013	1	COBHAM		Y UT54ACTS54PVAH		131
5962H9653301VCC	D	12/17/2013	1	COBHAM		Y UT54ACTS54PVCH		131
5962H9653301QXA	D	12/17/2013	1	COBHAM		Y UT54ACTS54UQAH		131
5962H9653301QXC	D	12/17/2013	1	COBHAM		Y UT54ACTS54UQCH		131
5962H9653301VXA	D	12/17/2013	1	COBHAM		Y UT54ACTS54UVAH		131
5962H9653301VXC	D	12/17/2013	1	COBHAM		Y UT54ACTS54UVCH		131
5962G9653401Q9B	G	10/27/2017	2	COBHAM		Y UT54ACS74-QDIEG		158
5962G9653401V9B	G	10/27/2017	2	COBHAM		Y UT54ACS74-VDIEG		158
5962H9653401Q9A	G	10/27/2017		(NONE)		54ACS74 (GEN)		158
5962H9653401V9A	G	10/27/2017		(NONE)		54ACS74 (GEN)		158
5962H9653401QCA	G	10/27/2017		(NONE)		54ACS74 (GEN)		158
5962H9653401VCA	G	10/27/2017		(NONE)		54ACS74 (GEN)		158
5962G9653401QXA	G	10/27/2017	2	COBHAM		Y UT54ACS74UQAG		158
5962G9653401QXC	G	10/27/2017	2	COBHAM		Y UT54ACS74UQCG		158
5962G9653401VXA	G	10/27/2017	2	COBHAM		Y UT54ACS74UVAG		158
5962G9653401VXC	G	10/27/2017	2	COBHAM		Y UT54ACS74UVCG		158
5962H9653401QXA	G	10/27/2017		(NONE)		54ACS74 (GEN)		158
5962H9653401VXA	G	10/27/2017		(NONE)		54ACS74 (GEN)		158
5962G9653501Q9A	G	10/30/2017	2	COBHAM		Y UT54ACTS74-Q-DIEG		158
5962G9653501V9A	G	10/30/2017	2	COBHAM		Y UT54ACTS74-V-DIEG		158
5962H9653501QCA	G	10/30/2017		(NONE)		54ACTS74 (GEN)		158
5962H9653501VCA	G	10/30/2017		(NONE)		54ACTS74 (GEN)		158
5962G9653501QXA	G	10/30/2017	2	COBHAM		Y UT54ACTS74UQAG		158
5962G9653501QXC	G	10/30/2017	2	COBHAM		Y UT54ACTS74UQCG		158
5962G9653501VXA	G	10/30/2017	2	COBHAM		Y UT54ACTS74UVAG		158
5962G9653501VXC	G	10/30/2017	2	COBHAM		Y UT54ACTS74UVCG		158
5962H9653501QXA	G	10/30/2017		(NONE)		54ACTS74 (GEN)		158
5962H9653501VXC	G	10/30/2017		(NONE)		54ACTS74 (GEN)		158
5962H9653502Q9A	G	10/30/2017	2	COBHAM		Y UT54ACTS74E-Q-DIEH		158
5962H9653502V9A	G	10/30/2017	2	COBHAM		Y UT54ACTS74E-V-DIEH		158

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5962H9653502QXA	G	10/30/2017	2	COBHAM		Y UT54ACTS74EUQAH		158
5962H9653502QXC	G	10/30/2017	2	COBHAM		Y UT54ACTS74EUQCH		158
5962H9653502VXA	G	10/30/2017	2	COBHAM		Y UT54ACTS74EUVAH		158
5962H9653502VXC	G	10/30/2017	2	COBHAM		Y UT54ACTS74EUVCH		158
5962G9653503Q9A	G	10/30/2017	2	COBHAM		Y UT54ACTS74E-Q-DIEG		158
5962G9653503V9A	G	10/30/2017	2	COBHAM		Y UT54ACTS74E-V-DIEG		158
5962G9653503QXA	G	10/30/2017	2	COBHAM		Y UT54ACTS74EUQAG		158
5962G9653503QXC	G	10/30/2017	2	COBHAM		Y UT54ACTS74EUQCG		158
5962G9653503VXA	G	10/30/2017	2	COBHAM		Y UT54ACTS74EUVAG		158
5962G9653503VXC	G	10/30/2017	2	COBHAM		Y UT54ACTS74EUVCG		158
5962H9653601Q9A	F	03/30/2016	1	COBHAM		Y UT54ACS85-Q-DIE		209
5962H9653601V9A	F	03/30/2016	1	COBHAM		Y UT54ACS85-V-DIE		209
5962H9653601QEA	F	03/30/2016	1	COBHAM		Y UT54ACS85PQAH		209
5962H9653601QEC	F	03/30/2016	1	COBHAM		Y UT54ACS85PQCH		209
5962H9653601VEA	F	03/30/2016	1	COBHAM		Y UT54ACS85PVAH		209
5962H9653601VEC	F	03/30/2016	1	COBHAM		Y UT54ACS85PVCH		209
5962H9653601QXA	F	03/30/2016	1	COBHAM		Y UT54ACS85UQAH		209
5962H9653601QXC	F	03/30/2016	1	COBHAM		Y UT54ACS85UQCH		209
5962H9653601VXA	F	03/30/2016	1	COBHAM		Y UT54ACS85UVAH		209
5962H9653601VXC	F	03/30/2016	1	COBHAM		Y UT54ACS85UVCH		209
5962H9653701QEA	D	08/26/2014	1	COBHAM		Y UT54ACTS85PQAH		209
5962H9653701QEC	D	08/26/2014	1	COBHAM		Y UT54ACTS85PQCH		209
5962H9653701VEA	D	08/26/2014	1	COBHAM		Y UT54ACTS85PVAH		209
5962H9653701VEC	D	08/26/2014	1	COBHAM		Y UT54ACTS85PVCH		209
5962H9653701QXA	D	08/26/2014	1	COBHAM		Y UT54ACTS85UQAH		209
5962H9653701QXC	D	08/26/2014	1	COBHAM		Y UT54ACTS85UQCH		209
5962H9653701VXA	D	08/26/2014	1	COBHAM		Y UT54ACTS85UVAH		209
5962H9653701VXC	D	08/26/2014	1	COBHAM		Y UT54ACTS85UVCH		209
5962G9653801Q9B	F	10/30/2017	2	COBHAM		Y UT54ACS86-Q-DIEG		140
5962G9653801V9B	F	10/30/2017	2	COBHAM		Y UT54ACS86-V-DIEG		140
5962H9653801Q9A	F	10/30/2017		(NONE)	06/30/2014	54ACS86 (GEN)		140
5962H9653801V9A	F	10/30/2017		(NONE)	06/30/2014	54ACS86 (GEN)		140
5962H9653801QCA	F	10/30/2017		(NONE)	06/30/2014	54ACS86 (GEN)		140
5962H9653801VCA	F	10/30/2017		(NONE)	06/30/2014	54ACS86 (GEN)		140
5962G9653801QXA	F	10/30/2017	2	COBHAM		Y UT54ACS86UQAG		140
5962G9653801QXC	F	10/30/2017	2	COBHAM		Y UT54ACS86UQCG		140
5962G9653801VXA	F	10/30/2017	2	COBHAM		Y UT54ACS86UVAG		140
5962G9653801VXC	F	10/30/2017	2	COBHAM		Y UT54ACS86UVCG		140
5962H9653801QXA	F	10/30/2017		(NONE)	06/30/2014	54ACS86 (GEN)		140
5962H9653801VXA	F	10/30/2017		(NONE)	06/30/2014	54ACS86 (GEN)		140
5962H9653802Q9B	F	10/30/2017	2	COBHAM		Y UT54ACS86E-Q-DIEH		140
5962H9653802V9B	F	10/30/2017	2	COBHAM		Y UT54ACS86E-V-DIEH		140
5962H9653802QXA	F	10/30/2017	2	COBHAM		Y UT54ACS86EUQAH		140
5962H9653802QXC	F	10/30/2017	2	COBHAM		Y UT54ACS86EUQCH		140
5962H9653802VXA	F	10/30/2017	2	COBHAM		Y UT54ACS86EUVAH		140
5962H9653802VXC	F	10/30/2017	2	COBHAM		Y UT54ACS86EUVCH		140
5962G9653803Q9B	F	10/30/2017	2	COBHAM		Y UT54ACS86E-Q-DIEG		140
5962G9653803V9B	F	10/30/2017	2	COBHAM		Y UT54ACS86E-V-DIEG		140
5962G9653803QXA	F	10/30/2017	2	COBHAM		Y UT54ACS86EUQAG		140

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5962G9653803QXC	F	10/30/2017	2	COBHAM		Y UT54ACS86EUQCG		140
5962G9653803VXA	F	10/30/2017	2	COBHAM		Y UT54ACS86EUVAG		140
5962G9653803VXC	F	10/30/2017	2	COBHAM		Y UT54ACS86EUVCG		140
5962H9653901QCA	D	12/17/2013	1	COBHAM		Y UT54ACTS86PQAH		140
5962H9653901QCC	D	12/17/2013	1	COBHAM		Y UT54ACTS86PQCH		140
5962H9653901VCA	D	12/17/2013	1	COBHAM		Y UT54ACTS86PVAH		140
5962H9653901VCC	D	12/17/2013	1	COBHAM		Y UT54ACTS86PVCH		140
5962H9653901QXA	D	12/17/2013	1	COBHAM		Y UT54ACTS86UQAH		140
5962H9653901QXC	D	12/17/2013	1	COBHAM		Y UT54ACTS86UQCH		140
5962H9653901VXA	D	12/17/2013	1	COBHAM		Y UT54ACTS86UVAH		140
5962H9653901VXC	D	12/17/2013	1	COBHAM		Y UT54ACTS86UVCH		140
5962G9654001Q9B	K	10/24/2017	1	COBHAM		Y UT54ACS109-Q-DIEG		152
5962G9654001V9B	K	10/24/2017	1	COBHAM		Y UT54ACS109-V-DIEG		152
5962H9654001Q9A	K	10/24/2017		(NONE)		54ACS109 (GEN)		152
5962H9654001V9A	K	10/24/2017		(NONE)		54ACS109 (GEN)		152
5962H9654001QEA	K	10/24/2017		(NONE)		54ACS109 (GEN)		152
5962H9654001VEA	K	10/24/2017		(NONE)		54ACS109 (GEN)		152
5962G9654001QXA	K	10/24/2017	1	COBHAM		Y UT54ACS109UQAG		152
5962G9654001QXC	K	10/24/2017	1	COBHAM		Y UT54ACS109UQCG		152
5962G9654001VXA	K	10/24/2017	1	COBHAM		Y UT54ACS109UVAG		152
5962G9654001VXC	K	10/24/2017	1	COBHAM		Y UT54ACS109UVCG		152
5962H9654001QXA	K	10/24/2017		(NONE)		54ACS109 (GEN)		152
5962H9654001VXA	K	10/24/2017		(NONE)		54ACS109 (GEN)		152
5962H9654002Q9B	K	10/24/2017	1	COBHAM		Y UT54ACS109E-Q-DIEH		152
5962H9654002V9B	K	10/24/2017	1	COBHAM		Y UT54ACS109E-V-DIEH		152
5962H9654002QXA	K	10/24/2017	1	COBHAM		Y UT54ACS109EUQAH		152
5962H9654002QXC	K	10/24/2017	1	COBHAM		Y UT54ACS109EUQCH		152
5962H9654002VXA	K	10/24/2017	1	COBHAM		Y UT54ACS109EUVAH		152
5962H9654002VXC	K	10/24/2017	1	COBHAM		Y UT54ACS109EUVCH		152
5962G9654003Q9B	K	10/24/2017	1	COBHAM		Y UT54ACS109E-Q-DIEG		152
5962G9654003V9B	K	10/24/2017	1	COBHAM		Y UT54ACS109E-V-DIEG		152
5962G9654003QXA	K	10/24/2017	1	COBHAM		Y UT54ACS109EUQAG		152
5962G9654003QXC	K	10/24/2017	1	COBHAM		Y UT54ACS109EUQCG		152
5962G9654003VXA	K	10/24/2017	1	COBHAM		Y UT54ACS109EUVAG		152
5962G9654003VXC	K	10/24/2017	1	COBHAM		Y UT54ACS109EUVCG		152
5962H9654101QEA	D	04/19/2011	1	COBHAM		Y UT54ACTS109PQAH		152
5962H9654101QEC	D	04/19/2011	1	COBHAM		Y UT54ACTS109PQCH		152
5962H9654101VEA	D	04/19/2011	1	COBHAM		Y UT54ACTS109PVAH		152
5962H9654101VEC	D	04/19/2011	1	COBHAM		Y UT54ACTS109PVCH		152
5962H9654101QXA	D	04/19/2011	1	COBHAM		Y UT54ACTS109UQAH		152
5962H9654101QXC	D	04/19/2011	1	COBHAM		Y UT54ACTS109UQCH		152
5962H9654101VXA	D	04/19/2011	1	COBHAM		Y UT54ACTS109UVAH		152
5962H9654101VXC	D	04/19/2011	1	COBHAM		Y UT54ACTS109UVCH		152
5962G9654201Q9B	L	10/27/2017	2	COBHAM		Y UT54ACS132-Q-DIEG		109
5962G9654201V9B	L	10/27/2017	2	COBHAM		Y UT54ACS132-V-DIEG		109
5962H9654201Q9A	L	10/27/2017		(NONE)		54ACS132 (GEN)		109
5962H9654201Q9B	L	10/27/2017		(NONE)		54ACS132 (GEN)		109
5962H9654201V9A	L	10/27/2017		(NONE)		54ACS132 (GEN)		109
5962H9654201V9B	L	10/27/2017		(NONE)		54ACS132 (GEN)		109

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5962H9654201QCA	L	10/27/2017		(NONE)		54ACS132 (GEN)		109
5962H9654201VCA	L	10/27/2017		(NONE)		54ACS132 (GEN)		109
5962G9654201QXA	L	10/27/2017	2	COBHAM		Y UT54ACS132UQAG		109
5962G9654201QXC	L	10/27/2017	2	COBHAM		Y UT54ACS132UQCG		109
5962G9654201VXA	L	10/27/2017	2	COBHAM		Y UT54ACS132UVAG		109
5962G9654201VXC	L	10/27/2017	2	COBHAM		Y UT54ACS132UVCG		109
5962H9654201QXA	L	10/27/2017		(NONE)		54ACS132 (GEN)		109
5962H9654201VXA	L	10/27/2017		(NONE)		54ACS132 (GEN)		109
5962H9654202Q9B	L	10/27/2017	1C	COBHAM		Y UT54ACS132E-Q-DIEH		109
5962H9654202V9B	L	10/27/2017	1C	COBHAM		Y UT54ACS132E-V-DIEH		109
5962H9654202QXA	L	10/27/2017	1C	COBHAM		Y UT54ACS132EUQAH		109
5962H9654202QXC	L	10/27/2017	1C	COBHAM		Y UT54ACS132EUQCH		109
5962H9654202VXA	L	10/27/2017	1C	COBHAM		Y UT54ACS132EUVAH		109
5962H9654202VXC	L	10/27/2017	1C	COBHAM		Y UT54ACS132EUVCH		109
5962G9654203Q9B	L	10/27/2017	2	COBHAM		Y UT54ACS132E-Q-DIEG		109
5962G9654203V9B	L	10/27/2017	2	COBHAM		Y UT54ACS132E-V-DIEG		109
5962G9654203QXA	L	10/27/2017	2	COBHAM		Y UT54ACS132EUQAG		109
5962G9654203QXC	L	10/27/2017	2	COBHAM		Y UT54ACS132EUQCG		109
5962G9654203VXA	L	10/27/2017	2	COBHAM		Y UT54ACS132EUVAG		109
5962G9654203VXC	L	10/27/2017	2	COBHAM		Y UT54ACS132EUVCG		109
5962G9654301Q9B	H	10/27/2017	1	COBHAM		Y UT54ACTS132-Q-DIEG		109
5962G9654301V9B	H	10/27/2017	1	COBHAM		Y UT54ACTS132-V-DIEG		109
5962H9654301Q9A	H	10/27/2017		(NONE)		54ACTS132 (GEN)		109
5962H9654301V9A	H	10/27/2017		(NONE)		54ACTS132 (GEN)		109
5962H9654301QCA	H	10/27/2017		(NONE)		54ACTS132 (GEN)		109
5962H9654301VCA	H	10/27/2017		(NONE)		54ACTS132 (GEN)		109
5962G9654301QXA	H	10/27/2017	1	COBHAM		Y UT54ACTS132-UQAG		109
5962G9654301QXC	H	10/27/2017	1	COBHAM		Y UT54ACTS132-UQCG		109
5962G9654301VXA	H	10/27/2017	1	COBHAM		Y UT54ACTS132-UVAG		109
5962G9654301VXC	H	10/27/2017	1	COBHAM		Y UT54ACTS132-UVCG		109
5962H9654301QXA	H	10/27/2017		(NONE)		54ACTS132 (GEN)		109
5962H9654301VXA	H	10/27/2017		(NONE)		54ACTS132 (GEN)		109
5962H9654401Q9A	G	10/27/2017	1	COBHAM		Y UT54ACS138-Q-DIEH		282
5962H9654401V9A	G	10/27/2017	1	COBHAM		Y UT54ACS138-V-DIEH		282
5962H9654401QEA	G	10/27/2017	1	COBHAM		Y UT54ACS138PQAH		282
5962H9654401QEC	G	10/27/2017	1	COBHAM		Y UT54ACS138PQCH		282
5962H9654401VEA	G	10/27/2017	1	COBHAM		Y UT54ACS138PVAH		282
5962H9654401VEC	G	10/27/2017	1	COBHAM		Y UT54ACS138PVCH		282
5962H9654401QXA	G	10/27/2017	1	COBHAM		Y UT54ACS138UQAH		282
5962H9654401QXC	G	10/27/2017	1	COBHAM		Y UT54ACS138UQCH		282
5962H9654401VXA	G	10/27/2017	1	COBHAM		Y UT54ACS138UVAH		282
5962H9654401VXC	G	10/27/2017	1	COBHAM		Y UT54ACS138UVCH		282
5962H9654402Q9B	G	10/27/2017	2	COBHAM		Y UT54ACS138E-Q-DIEH		282
5962H9654402V9B	G	10/27/2017	2	COBHAM		Y UT54ACS138E-V-DIEH		282
5962H9654402QXA	G	10/27/2017	2	COBHAM		Y UT54ACS138EUQAH		282
5962H9654402QXC	G	10/27/2017	2	COBHAM		Y UT54ACS138EUQCH		282
5962H9654402VXA	G	10/27/2017	2	COBHAM		Y UT54ACS138EUVAH		282
5962H9654402VXC	G	10/27/2017	2	COBHAM		Y UT54ACS138EUVCH		282
5962G9654403Q9B	G	10/27/2017	2	COBHAM		Y UT54ACS138E-Q-DIEG		282



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5962G9654403V9B	G	10/27/2017	2	COBHAM		Y UT54ACS138E-V-DIEG		282
5962G9654403QXA	G	10/27/2017	2	COBHAM		Y UT54ACS138EUQAG		282
5962G9654403QXC	G	10/27/2017	2	COBHAM		Y UT54ACS138EUQCG		282
5962G9654403VXA	G	10/27/2017	2	COBHAM		Y UT54ACS138EUVAG		282
5962G9654403VXC	G	10/27/2017	2	COBHAM		Y UT54ACS138EUVCG		282
5962H9654501Q9A	E	08/30/2016	1	COBHAM		Y UT54ACTS138-Q-DIE		282
5962H9654501V9A	E	08/30/2016	1	COBHAM		Y UT54ACTS138-V-DIE		282
5962H9654501QEA	E	08/30/2016	1	COBHAM		Y UT54ACTS138PQAH		282
5962H9654501QEC	E	08/30/2016	1	COBHAM		Y UT54ACTS138PQCH		282
5962H9654501VEA	E	08/30/2016	1	COBHAM		Y UT54ACTS138PVAH		282
5962H9654501VEC	E	08/30/2016	1	COBHAM		Y UT54ACTS138PVCH		282
5962H9654501QXA	E	08/30/2016	1	COBHAM		Y UT54ACTS138UQAH		282
5962H9654501QXC	E	08/30/2016	1	COBHAM		Y UT54ACTS138UQCH		282
5962H9654501VXA	E	08/30/2016	1	COBHAM		Y UT54ACTS138UVAH		282
5962H9654501VXC	E	08/30/2016	1	COBHAM		Y UT54ACTS138UVCH		282
5962H9654601Q9A	D	04/08/2014	1	COBHAM		Y UT54ACS139QDIEH		283
5962H9654601V9A	D	04/08/2014	1	COBHAM		Y UT54ACS139VDIEH		283
5962H9654601QEA	D	04/08/2014	1	COBHAM		Y UT54ACS139PQAH		283
5962H9654601QEC	D	04/08/2014	1	COBHAM		Y UT54ACS139PQCH		283
5962H9654601VEA	D	04/08/2014	1	COBHAM		Y UT54ACS139PVAH		283
5962H9654601VEC	D	04/08/2014	1	COBHAM		Y UT54ACS139PVCH		283
5962H9654601QXA	D	04/08/2014	1	COBHAM		Y UT54ACS139UQAH		283
5962H9654601QXC	D	04/08/2014	1	COBHAM		Y UT54ACS139UQCH		283
5962H9654601VXA	D	04/08/2014	1	COBHAM		Y UT54ACS139UVAH		283
5962H9654601VXC	D	04/08/2014	1	COBHAM		Y UT54ACS139UVCH		283
5962H9654701Q9A	D	01/12/2010	1	COBHAM		Y UT54ACTS139-Q-DIE		283
5962H9654701V9A	D	01/12/2010	1	COBHAM		Y UT54ACTS139-V-DIE		283
5962H9654701QEA	D	01/12/2010	1	COBHAM		Y UT54ACTS139PQAH		283
5962H9654701QEC	D	01/12/2010	1	COBHAM		Y UT54ACTS139PQCH		283
5962H9654701VEA	D	01/12/2010	1	COBHAM		Y UT54ACTS139PVAH		283
5962H9654701VEC	D	01/12/2010	1	COBHAM		Y UT54ACTS139PVCH		283
5962H9654701QXA	D	01/12/2010	1	COBHAM		Y UT54ACTS139UQAH		283
5962H9654701QXC	D	01/12/2010	1	COBHAM		Y UT54ACTS139UQCH		283
5962H9654701VXA	D	01/12/2010	1	COBHAM		Y UT54ACTS139UVAH		283
5962H9654701VXC	D	01/12/2010	1	COBHAM		Y UT54ACTS139UVCH		283
5962H9654801QEA	D	08/26/2014	1	COBHAM		Y UT54ACS151PQAH		271
5962H9654801QEC	D	08/26/2014	1	COBHAM		Y UT54ACS151PQCH		271
5962H9654801VEA	D	08/26/2014	1	COBHAM		Y UT54ACS151PVAH		271
5962H9654801VEC	D	08/26/2014	1	COBHAM		Y UT54ACS151PVCH		271
5962H9654801QXA	D	08/26/2014	1	COBHAM		Y UT54ACS151UQAH		271
5962H9654801QXC	D	08/26/2014	1	COBHAM		Y UT54ACS151UQCH		271
5962H9654801VXA	D	08/26/2014	1	COBHAM		Y UT54ACS151UVAH		271
5962H9654801VXC	D	08/26/2014	1	COBHAM		Y UT54ACS151UVCH		271
5962H9654901QEA	D	02/27/2015	1	COBHAM		Y UT54ACTS151PQAH		271
5962H9654901QEC	D	02/27/2015	1	COBHAM		Y UT54ACTS151PQCH		271
5962H9654901VEA	D	02/27/2015	1	COBHAM		Y UT54ACTS151PVAH		271
5962H9654901VEC	D	02/27/2015	1	COBHAM		Y UT54ACTS151PVCH		271
5962H9654901QXA	D	02/27/2015	1	COBHAM		Y UT54ACTS151UQAH		271
5962H9654901QXC	D	02/27/2015	1	COBHAM		Y UT54ACTS151UQCH		271

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5962H9654901VXA	D	02/27/2015	1	COBHAM		Y	UT54ACTS151UVAH	271
5962H9654901VXC	D	02/27/2015	1	COBHAM		Y	UT54ACTS151UVCH	271
5962H9655001QEA	D	01/28/2014	1	COBHAM		Y	UT54ACS153PQAH	273
5962H9655001QEC	D	01/28/2014	1	COBHAM		Y	UT54ACS153PQCH	273
5962H9655001VEA	D	01/28/2014	1	COBHAM		Y	UT54ACS153PVAH	273
5962H9655001VEC	D	01/28/2014	1	COBHAM		Y	UT54ACS153PVCH	273
5962H9655001QXA	D	01/28/2014	1	COBHAM		Y	UT54ACS153UQAH	273
5962H9655001QXC	D	01/28/2014	1	COBHAM		Y	UT54ACS153UQCH	273
5962H9655001VXA	D	01/28/2014	1	COBHAM		Y	UT54ACS153UVAH	273
5962H9655001VXC	D	01/28/2014	1	COBHAM		Y	54ACS153UVCH	273
5962G9655101Q9A	J	10/25/2017	1	COBHAM		Y	UT54ACTS153QDIEG	273
5962G9655101V9A	J	10/25/2017	1	COBHAM		Y	UT54ACTS153VDIEG	273
5962H9655101QEA	J	10/25/2017		(NONE)			54ACTS153 (GEN)	273
5962H9655101VEA	J	10/25/2017		(NONE)			54ACTS153 (GEN)	273
5962G9655101QXA	J	10/25/2017	1	COBHAM		Y	UT54ACTS153UQAG	273
5962G9655101QXC	J	10/25/2017	1	COBHAM		Y	UT54ACTS153UQCG	273
5962G9655101VXA	J	10/25/2017	1	COBHAM		Y	UT54ACTS153UVAG	273
5962G9655101VXC	J	10/25/2017	1	COBHAM		Y	UT54ACTS153UVCG	273
5962H9655101QXA	J	10/25/2017		(NONE)			54ACTS153 (GEN)	273
5962H9655101VXA	J	10/25/2017		(NONE)			54ACTS153 (GEN)	273
5962H9655102Q9A	J	10/25/2017	1	COBHAM		Y	UT54ACTS153EQDIEH	273
5962H9655102V9A	J	10/25/2017	1	COBHAM		Y	UT54ACTS153EVDIEH	273
5962H9655102QXA	J	10/25/2017	1	COBHAM		Y	UT54ACTS153EUQAH	273
5962H9655102QXC	J	10/25/2017	1	COBHAM		Y	UT54ACTS153EUQCH	273
5962H9655102VXA	J	10/25/2017	1	COBHAM		Y	UT54ACTS153EUVAH	273
5962H9655102VXC	J	10/25/2017	1	COBHAM		Y	UT54ACTS153EUVCH	273
5962G9655103Q9A	J	10/25/2017	1	COBHAM		Y	UT54ACTS153EQDIEG	273
5962G9655103V9A	J	10/25/2017	1	COBHAM		Y	UT54ACTS153EVDIEG	273
5962G9655103QXA	J	10/25/2017	1	COBHAM		Y	UT54ACTS153EUQAG	273
5962G9655103QXC	J	10/25/2017	1	COBHAM		Y	UT54ACTS153EUQCG	273
5962G9655103VXA	J	10/25/2017	1	COBHAM		Y	UT54ACTS153EUVAG	273
5962G9655103VXC	J	10/25/2017	1	COBHAM		Y	UT54ACTS153EUVCG	273
5962H9655201QEA	D	12/17/2013	1	COBHAM		Y	UT54ACS157PQAH	275
5962H9655201QEC	D	12/17/2013	1	COBHAM		Y	UT54ACS157PQCH	275
5962H9655201VEA	D	12/17/2013	1	COBHAM		Y	UT54ACS157PVAH	275
5962H9655201VEC	D	12/17/2013	1	COBHAM		Y	UT54ACS157PVCH	275
5962H9655201QXA	D	12/17/2013	1	COBHAM		Y	UT54ACS157UQAH	275
5962H9655201QXC	D	12/17/2013	1	COBHAM		Y	UT54ACS157UQCH	275
5962H9655201VXA	D	12/17/2013	1	COBHAM		Y	UT54ACS157UVAH	275
5962H9655201VXC	D	12/17/2013	1	COBHAM		Y	UT54ACS157UVCH	275
5962G9655301Q9B	H	10/25/2017	2	COBHAM		Y	UT54ACTS157-QDIEG	275
5962G9655301V9B	H	10/25/2017	2	COBHAM		Y	UT54ACTS157-VDIEG	275
5962H9655301QEA	H	10/25/2017		(NONE)	12/31/2010		54ACTS157 (GEN)	275
5962H9655301VEA	H	10/25/2017		(NONE)	12/31/2010		54ACTS157 (GEN)	275
5962G9655301QXA	H	10/25/2017	2	COBHAM		Y	UT54ACTS157UQAG	275
5962G9655301QXC	H	10/25/2017	2	COBHAM		Y	UT54ACTS157UQCG	275
5962G9655301VXA	H	10/25/2017	2	COBHAM		Y	UT54ACTS157UVAG	275
5962G9655301VXC	H	10/25/2017	2	COBHAM		Y	UT54ACTS157UVCG	275
5962H9655301QXA	H	10/25/2017		(NONE)	12/31/2010		54ACTS157 (GEN)	275

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5962H9655301VXA	H	10/25/2017		(NONE)	12/31/2010		54ACTS157 (GEN)	275
5962H9655302Q9B	H	10/25/2017	2	COBHAM		Y	UT54ACTS157E-Q-DIE	275
5962H9655302V9B	H	10/25/2017	2	COBHAM		Y	UT54ACTS157E-V-DIE	275
5962H9655302QXA	H	10/25/2017	2	COBHAM		Y	UT54ACTS157ECXAH	275
5962H9655302QXC	H	10/25/2017	2	COBHAM		Y	UT54ACTS157ECXCH	275
5962H9655302VXA	H	10/25/2017	2	COBHAM		Y	UT54ACTS157ECXAH	275
5962H9655302VXC	H	10/25/2017	2	COBHAM		Y	UT54ACTS157ECXCH	275
5962G9655303Q9B	H	10/25/2017	2	COBHAM		Y	UT54ACTS157E-Q-DIEG	275
5962G9655303V9B	H	10/25/2017	2	COBHAM		Y	UT54ACTS157E-V-DIEG	275
5962G9655303QXA	H	10/25/2017	2	COBHAM		Y	UT54ACTS157EUQAG	275
5962G9655303QXC	H	10/25/2017	2	COBHAM		Y	UT54ACTS157EUQCG	275
5962G9655303VXA	H	10/25/2017	2	COBHAM		Y	UT54ACTS157EUVAG	275
5962G9655303VXC	H	10/25/2017	2	COBHAM		Y	UT54ACTS157EUVCG	275
5962H9655401Q9A	E	02/27/2015	1	COBHAM		Y	UT54ACS163-QDIE	304
5962H9655401V9A	E	02/27/2015	1	COBHAM		Y	UT54ACS163-VDIE	304
5962H9655401QEA	E	02/27/2015	1	COBHAM		Y	UT54ACS163PQAH	304
5962H9655401QEC	E	02/27/2015	1	COBHAM		Y	UT54ACS163PQCH	304
5962H9655401VEA	E	02/27/2015	1	COBHAM		Y	UT54ACS163PVAH	304
5962H9655401VEC	E	02/27/2015	1	COBHAM		Y	UT54ACS163PVCH	304
5962H9655401QXA	E	02/27/2015	1	COBHAM		Y	UT54ACS163UQAH	304
5962H9655401QXC	E	02/27/2015	1	COBHAM		Y	UT54ACS163UQCH	304
5962H9655401VXA	E	02/27/2015	1	COBHAM		Y	UT54ACS163UVAH	304
5962H9655401VXC	E	02/27/2015	1	COBHAM		Y	UT54ACS163UVCH	304
5962H9655501QEA	D	01/25/2016	1	COBHAM		Y	UT54ACTS163PQAH	304
5962H9655501QEC	D	01/25/2016	1	COBHAM		Y	UT54ACTS163PQCH	304
5962H9655501VEA	D	01/25/2016	1	COBHAM		Y	UT54ACTS163PVAH	304
5962H9655501VEC	D	01/25/2016	1	COBHAM		Y	UT54ACTS163PVCH	304
5962H9655501QXA	D	01/25/2016	1	COBHAM		Y	UT54ACTS163UQAH	304
5962H9655501QXC	D	01/25/2016	1	COBHAM		Y	UT54ACTS163UQCH	304
5962H9655501VXA	D	01/25/2016	1	COBHAM		Y	UT54ACTS163UVAH	304
5962H9655501VXC	D	01/25/2016	1	COBHAM		Y	UT54ACTS163UVCH	304
5962H9655601Q9A	J	10/24/2017	1	COBHAM		Y	UT54ACS164-Q-DIEH	226
5962H9655601V9A	J	10/24/2017	1	COBHAM		Y	UT54ACS164-V-DIEH	226
5962H9655601QCA	J	10/24/2017	1	COBHAM		Y	UT54ACS164PQAH	226
5962H9655601QCC	J	10/24/2017	1	COBHAM		Y	UT54ACS164PQCH	226
5962H9655601VCA	J	10/24/2017	1	COBHAM		Y	UT54ACS164PVAH	226
5962H9655601VCC	J	10/24/2017	1	COBHAM		Y	UT54ACS164PVCH	226
5962H9655601QXA	J	10/24/2017	1	COBHAM			UT54ACS164UQAH	226
5962H9655601QXC	J	10/24/2017	1	COBHAM			UT54ACS164UQCH	226
5962H9655601VXA	J	10/24/2017	1	COBHAM		Y	UT54ACS164UVAH	226
5962H9655601VXC	J	10/24/2017	1	COBHAM		Y	UT54ACS164UVCH	226
5962H9655602Q9B	J	10/24/2017	1	COBHAM		Y	UT54ACS164E-Q-DIEH	226
5962H9655602V9B	J	10/24/2017	1	COBHAM		Y	UT54ACS164E-V-DIEH	226
5962H9655602QXA	J	10/24/2017	1	COBHAM		Y	UT54ACS164EUQAH	226
5962H9655602QXC	J	10/24/2017	1	COBHAM		Y	UT54ACS164EUQCH	226
5962H9655602VXA	J	10/24/2017	1	COBHAM		Y	UT54ACS164EUVAH	226
5962H9655602VXC	J	10/24/2017	1	COBHAM		Y	UT54ACS164EUVCH	226
5962G9655603Q9B	J	10/24/2017	1	COBHAM		Y	UT54ACS164E-Q-DIEG	226
5962G9655603V9B	J	10/24/2017	1	COBHAM		Y	UT54ACS164E-V-DIEG	226

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5962G9655603QXA	J	10/24/2017	1	COBHAM		Y UT54ACS164EUQAG		226
5962G9655603QXC	J	10/24/2017	1	COBHAM		Y UT54ACS164EUQCG		226
5962G9655603VXA	J	10/24/2017	1	COBHAM		Y UT54ACS164EUVAG		226
5962G9655603VXC	J	10/24/2017	1	COBHAM		Y UT54ACS164EUVCG		226
5962H9655701QCA	G	10/13/2017	1	COBHAM		Y UT54ACTS164PQAH		226
5962H9655701QCC	G	10/13/2017	1	COBHAM		Y UT54ACTS164PQCH		226
5962H9655701VCA	G	10/13/2017	1	COBHAM		Y UT54ACTS164PVAH		226
5962H9655701VCC	G	10/13/2017	1	COBHAM		Y UT54ACTS164PVCH		226
5962H9655701QXA	G	10/13/2017	1	COBHAM		Y UT54ACTS164UQAH		226
5962H9655701QXC	G	10/13/2017	1	COBHAM		Y UT54ACTS164UQCH		226
5962H9655701VXA	G	10/13/2017	1	COBHAM		Y UT54ACTS164UVAH		226
5962H9655701VXC	G	10/13/2017	1	COBHAM		Y UT54ACTS164UVCH		226
5962H9655702Q9A	G	10/13/2017	1	COBHAM		Y UT54ACTS164E-Q-DIE		226
5962H9655702V9A	G	10/13/2017	1	COBHAM		Y UT54ACTS164E-V-DIE		226
5962H9655702QXA	G	10/13/2017	1	COBHAM		Y UT54ACTS164EUQAH		226
5962H9655702QXC	G	10/13/2017	1	COBHAM		Y UT54ACTS164EUQCH		226
5962H9655702VXA	G	10/13/2017	1	COBHAM		Y UT54ACTS164EUVAH		226
5962H9655702VXC	G	10/13/2017	1	COBHAM		Y UT54ACTS164EUVCH		226
5962G9655703Q9A	G	10/13/2017	1	COBHAM		Y UT54ACTS164E-Q-DIE		226
5962G9655703V9A	G	10/13/2017	1	COBHAM		Y UT54ACTS164E-V-DIE		226
5962G9655703QXA	G	10/13/2017	1	COBHAM		Y UT54ACTS164EUQAG		226
5962G9655703QXC	G	10/13/2017	1	COBHAM		Y UT54ACTS164EUQCG		226
5962G9655703VXA	G	10/13/2017	1	COBHAM		Y UT54ACTS164EUVAG		226
5962G9655703VXC	G	10/13/2017	1	COBHAM		Y UT54ACTS164EUVCG		226
5962G9655801Q9A	H	10/25/2017	1	COBHAM		Y UT54ACS165-Q-DIEG		225
5962G9655801V9A	H	10/25/2017	1	COBHAM		Y UT54ACS165-V-DIEG		225
5962H9655801QEA	H	10/25/2017		(NONE)	12/31/2010	54ACS165 (GEN)		225
5962H9655801VEA	H	10/25/2017		(NONE)	12/31/2010	54ACS165 (GEN)		225
5962G9655801QXA	H	10/25/2017	1	COBHAM		Y UT54ACS165UQAG		225
5962G9655801QXC	H	10/25/2017	1	COBHAM		Y UT54ACS165UQCG		225
5962G9655801VXA	H	10/25/2017	1	COBHAM		Y UT54ACS165UVAG		225
5962G9655801VXC	H	10/25/2017	1	COBHAM		Y UT54ACS165UVCG		225
5962H9655801QXA	H	10/25/2017		(NONE)	12/31/2010	54ACS165 (GEN)		225
5962H9655801VXA	H	10/25/2017		(NONE)	12/31/2010	54ACS165 (GEN)		225
5962H9655802Q9A	H	10/25/2017	1	COBHAM		Y UT54ACS165E-Q-DIEH		225
5962H9655802V9A	H	10/25/2017	1	COBHAM		Y UT54ACS165E-V-DIEH		225
5962H9655802QXA	H	10/25/2017	1	COBHAM		Y UT54ACS165EUQAH		225
5962H9655802QXC	H	10/25/2017	1	COBHAM		Y UT54ACS165EUQCH		225
5962H9655802VXA	H	10/25/2017	1	COBHAM		Y UT54ACS165EUVAH		225
5962H9655802VXC	H	10/25/2017	1	COBHAM		Y UT54ACS165EUVCH		225
5962G9655803Q9A	H	10/25/2017	1	COBHAM		Y UT54ACS165E-Q-DIEG		225
5962G9655803V9A	H	10/25/2017	1	COBHAM		Y UT54ACS165E-V-DIEG		225
5962G9655803QXA	H	10/25/2017	1	COBHAM		Y UT54ACS165EUQAG		225
5962G9655803QXC	H	10/25/2017	1	COBHAM		Y UT54ACS165EUQCG		225
5962G9655803VXA	H	10/25/2017	1	COBHAM		Y UT54ACS165EUVAG		225
5962G9655803VXC	H	10/25/2017	1	COBHAM		Y UT54ACS165EUVCG		225
5962H9655901QEA	D	01/25/2013	1	COBHAM		Y UT54ACTS165PQAH		225
5962H9655901QEC	D	01/25/2013	1	COBHAM		Y UT54ACTS165PQCH		225
5962H9655901VEA	D	01/25/2013	1	COBHAM		Y UT54ACTS165PVAH		225

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5962H9655901VEC	D	01/25/2013	1	COBHAM		Y UT54ACTS165PVCH		225
5962H9655901QXA	D	01/25/2013	1	COBHAM		Y UT54ACTS165UQAH		225
5962H9655901QXC	D	01/25/2013	1	COBHAM		Y UT54ACTS165UQCH		225
5962H9655901VXA	D	01/25/2013	1	COBHAM		Y UT54ACTS165UVAH		225
5962H9655901VXC	D	01/25/2013	1	COBHAM		Y UT54ACTS165UVCH		225
5962H9656001QEA	D	03/28/2016	1	COBHAM		Y UT54ACS169PQAH		304
5962H9656001QEC	D	03/28/2016	1	COBHAM		Y UT54ACS169PQCH		304
5962H9656001VEA	D	03/28/2016	1	COBHAM		Y UT54ACS169PVAH		304
5962H9656001VEC	D	03/28/2016	1	COBHAM		Y UT54ACS169PVCH		304
5962H9656001QXA	D	03/28/2016	1	COBHAM		Y UT54ACS169UQAH		304
5962H9656001QXC	D	03/28/2016	1	COBHAM		Y UT54ACS169UQCH		304
5962H9656001VXA	D	03/28/2016	1	COBHAM		Y UT54ACS169UVAH		304
5962H9656001VXC	D	03/28/2016	1	COBHAM		Y UT54ACS169UVCH		304
5962H9656101QEA	D	01/25/2013	1	COBHAM		Y UT54ACTS169PQAH		304
5962H9656101QEC	D	01/25/2013	1	COBHAM		Y UT54ACTS169PQCH		304
5962H9656101VEA	D	01/25/2013	1	COBHAM		Y UT54ACTS169PVAH		304
5962H9656101VEC	D	01/25/2013	1	COBHAM		Y UT54ACTS169PVCH		304
5962H9656101QXA	D	01/25/2013	1	COBHAM		Y UT54ACTS169UQAH		304
5962H9656101QXC	D	01/25/2013	1	COBHAM		Y UT54ACTS169UQCH		304
5962H9656101VXA	D	01/25/2013	1	COBHAM		Y UT54ACTS169UVAH		304
5962H9656101VXC	D	01/25/2013	1	COBHAM		Y UT54ACTS169UVCH		304
5962H9656201QEA	C	12/18/2012	1	COBHAM		Y UT54ACS190PQAH		301
5962H9656201QEC	C	12/18/2012	1	COBHAM		Y UT54ACS190PQCH		301
5962H9656201VEA	C	12/18/2012	1	COBHAM		Y UT54ACS190PVAH		301
5962H9656201VEC	C	12/18/2012	1	COBHAM		Y UT54ACS190PVCH		301
5962H9656201QXA	C	12/18/2012	1	COBHAM		Y UT54ACS190UQAH		301
5962H9656201QXC	C	12/18/2012	1	COBHAM		Y UT54ACS190UQCH		301
5962H9656201VXA	C	12/18/2012	1	COBHAM		Y UT54ACS190UVAH		301
5962H9656201VXC	C	12/18/2012	1	COBHAM		Y UT54ACS190UVCH		301
5962H9656301QEA	C	03/28/2016	1	COBHAM		Y UT54ACTS190PQAH		301
5962H9656301QEC	C	03/28/2016	1	COBHAM		Y UT54ACTS190PQCH		301
5962H9656301VEA	C	03/28/2016	1	COBHAM		Y UT54ACTS190PVAH		301
5962H9656301VEC	C	03/28/2016	1	COBHAM		Y UT54ACTS190PVCH		301
5962H9656301QXA	C	03/28/2016	1	COBHAM		Y UT54ACTS190UQAH		301
5962H9656301QXC	C	03/28/2016	1	COBHAM		Y UT54ACTS190UQCH		301
5962H9656301VXA	C	03/28/2016	1	COBHAM		Y UT54ACTS190UVAH		301
5962H9656301VXC	C	03/28/2016	1	COBHAM		Y UT54ACTS190UVCH		301
5962G9656401Q9B	E	10/23/2017	2	COBHAM		Y UT54ACS191-QDIEG		304
5962G9656401V9B	E	10/23/2017	2	COBHAM		Y UT54ACS191-VDIEG		304
5962H9656401Q9A	E	10/23/2017		(NONE)	06/30/2014	54ACS191 (GEN)		304
5962H9656401V9A	E	10/23/2017		(NONE)	06/30/2014	54ACS191 (GEN)		304
5962H9656401QEA	E	10/23/2017		(NONE)	06/30/2014	54ACS191 (GEN)		304
5962H9656401VEA	E	10/23/2017		(NONE)	06/30/2014	54ACS191 (GEN)		304
5962G9656401QXA	E	10/23/2017	2	COBHAM		Y UT54ACS191-UQAG		304
5962G9656401QXC	E	10/23/2017	2	COBHAM		Y UT54ACS191-UQCG		304
5962G9656401VXA	E	10/23/2017	2	COBHAM		Y UT54ACS191-UVAG		304
5962G9656401VXC	E	10/23/2017	2	COBHAM		Y UT54ACS191-UVCG		304
5962H9656401QXA	E	10/23/2017		(NONE)	06/30/2014	54ACS191 (GEN)		304
5962H9656401VXA	E	10/23/2017		(NONE)	06/30/2014	54ACS191 (GEN)		304



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5962H9656402Q9B	E	10/23/2017	2	COBHAM		Y UT54ACS191E-QDIEH		304
5962H9656402V9B	E	10/23/2017	2	COBHAM		Y UT54ACS191E-VDIEH		304
5962H9656402QXA	E	10/23/2017	2	COBHAM		Y UT54ACS191E-UQAH		304
5962H9656402QXC	E	10/23/2017	2	COBHAM		Y UT54ACS191E-UQCH		304
5962H9656402VXA	E	10/23/2017	2	COBHAM		Y UT54ACS191E-UVAH		304
5962H9656402VXC	E	10/23/2017	2	COBHAM		Y UT54ACS191E-UVCH		304
5962G9656403Q9B	E	10/23/2017	2	COBHAM		Y UT54ACS191E-QDIEG		304
5962G9656403V9B	E	10/23/2017	2	COBHAM		Y UT54ACS191E-VDIEG		304
5962G9656403QXA	E	10/23/2017	2	COBHAM		Y UT54ACS191E-UQAG		304
5962G9656403QXC	E	10/23/2017	2	COBHAM		Y UT54ACS191E-UQCG		304
5962G9656403VXA	E	10/23/2017	2	COBHAM		Y UT54ACS191E-UVAG		304
5962G9656403VXC	E	10/23/2017	2	COBHAM		Y UT54ACS191E-UVCG		304
5962H9656501QEA	D	01/25/2013	1	COBHAM		Y UT54ACTS191PQAH		304
5962H9656501QEC	D	01/25/2013	1	COBHAM		Y UT54ACTS191PQCH		304
5962H9656501VEA	D	01/25/2013	1	COBHAM		Y UT54ACTS191PVAH		304
5962H9656501VEC	D	01/25/2013	1	COBHAM		Y UT54ACTS191PVCH		304
5962H9656501QXA	D	01/25/2013	1	COBHAM		Y UT54ACTS191UQAH		304
5962H9656501QXC	D	01/25/2013	1	COBHAM		Y UT54ACTS191UQCH		304
5962H9656501VXA	D	01/25/2013	1	COBHAM		Y UT54ACTS191UVAH		304
5962H9656501VXC	D	01/25/2013	1	COBHAM		Y UT54ACTS191UVCH		304
5962G9656601Q9B	J	10/25/2017	1	COBHAM		Y UT54ACS193-Q-DIEG		304
5962G9656601V9B	J	10/25/2017	1	COBHAM		Y UT54ACS193-V-DIEG		304
5962H9656601Q9A	J	10/25/2017		(NONE)		54ACS193 (GEN)		304
5962H9656601V9A	J	10/25/2017		(NONE)		54ACS193 (GEN)		304
5962H9656601QEA	J	10/25/2017		(NONE)		54ACS193 (GEN)		304
5962H9656601VEA	J	10/25/2017		(NONE)		54ACS193 (GEN)		304
5962G9656601QXA	J	10/25/2017	1	COBHAM		Y UT54ACS193UQAG		304
5962G9656601QXC	J	10/25/2017	1	COBHAM		Y UT54ACS193UQCG		304
5962G9656601VXA	J	10/25/2017	1	COBHAM		Y UT54ACS193UVAG		304
5962G9656601VXC	J	10/25/2017	1	COBHAM		Y UT54ACS193UVCG		304
5962H9656601QXA	J	10/25/2017		(NONE)		54ACS193 (GEN)		304
5962H9656601VXA	J	10/25/2017		(NONE)		54ACS193 (GEN)		304
5962H9656602Q9B	J	10/25/2017	1C	COBHAM		Y UT54ACS193E-QDIEH		304
5962H9656602V9B	J	10/25/2017	1C	COBHAM		Y UT54ACS193E-VDIEH		304
5962H9656602QXA	J	10/25/2017	1C	COBHAM		Y UT54ACS193ECXA		304
5962H9656602QXC	J	10/25/2017	1C	COBHAM		Y UT54ACS193ECXC		304
5962H9656602VXA	J	10/25/2017	1C	COBHAM		Y UT54ACS193ECXA		304
5962H9656602VXC	J	10/25/2017	1C	COBHAM		Y UT54ACS193ECXC		304
5962G9656603Q9B	J	10/25/2017	1C	COBHAM		Y UT54ACS193E-QDIEG		304
5962G9656603V9B	J	10/25/2017	1C	COBHAM		Y UT54ACS193E-VDIEG		304
5962G9656603QXA	J	10/25/2017	1C	COBHAM		Y UT54ACS193ECXA		304
5962G9656603QXC	J	10/25/2017	1C	COBHAM		Y UT54ACS193ECXC		304
5962G9656603VXA	J	10/25/2017	1C	COBHAM		Y UT54ACS193ECXA		304
5962G9656603VXC	J	10/25/2017	1C	COBHAM		Y UT54ACS193ECXC		304
5962G9656701Q9B	E	10/30/2017	2	COBHAM		Y UT54ACTS193-Q-DIEG		304
5962G9656701V9B	E	10/30/2017	2	COBHAM		Y UT54ACTS193-V-DIEG		304
5962H9656701Q9A	E	10/30/2017		(NONE)		54ACTS193 (GEN)		304
5962H9656701V9A	E	10/30/2017		(NONE)		54ACTS193 (GEN)		304
5962H9656701QEA	E	10/30/2017		(NONE)		54ACTS193 (GEN)		304

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5962H9656701VEA	E	10/30/2017		(NONE)			54ACTS193 (GEN)	304
5962G9656701QXA	E	10/30/2017	2	COBHAM		Y	UT54ACTS193UQAG	304
5962G9656701QXC	E	10/30/2017	2	COBHAM		Y	UT54ACTS193UQCG	304
5962G9656701VXA	E	10/30/2017	2	COBHAM		Y	UT54ACTS193UVAG	304
5962G9656701VXC	E	10/30/2017	2	COBHAM		Y	UT54ACTS193UVCG	304
5962H9656701QXA	E	10/30/2017		(NONE)			54ACTS193 (GEN)	304
5962H9656701VXA	E	10/30/2017		(NONE)			54ACTS193 (GEN)	304
5962H9656801Q9A	D	03/12/2018	1	COBHAM		Y	UT54ACS240-Q-DIEH	529
5962H9656801V9A	D	03/12/2018	1	COBHAM		Y	UT54ACS240-V-DIEH	529
5962H9656801QRA	D	03/12/2018	1	COBHAM		Y	UT54ACS240PQAH	529
5962H9656801QRC	D	03/12/2018	1	COBHAM		Y	UT54ACS240PQCH	529
5962H9656801VRA	D	03/12/2018	1	COBHAM		Y	UT54ACS240PVAH	529
5962H9656801VRC	D	03/12/2018	1	COBHAM		Y	UT54ACS240PVCH	529
5962H9656801QXA	D	03/12/2018	1	COBHAM		Y	UT54ACS240UQAH	529
5962H9656801QXC	D	03/12/2018	1	COBHAM		Y	UT54ACS240UQCH	529
5962H9656801VXA	D	03/12/2018	1	COBHAM		Y	UT54ACS240UVAH	529
5962H9656801VXC	D	03/12/2018	1	COBHAM		Y	UT54ACS240UVCH	529
5962H9656901Q9A	D	05/10/2012	1	COBHAM		Y	UT54ACTS240-Q-DIE	529
5962H9656901V9A	D	05/10/2012	1	COBHAM		Y	UT54ACTS240-V-DIE	529
5962H9656901QRA	D	05/10/2012	1	COBHAM		Y	UT54ACTS240PQAH	529
5962H9656901QRC	D	05/10/2012	1	COBHAM		Y	UT54ACTS240PQCH	529
5962H9656901VRA	D	05/10/2012	1	COBHAM		Y	UT54ACTS240PVAH	529
5962H9656901VRC	D	05/10/2012	1	COBHAM		Y	UT54ACTS240PVCH	529
5962H9656901QXA	D	05/10/2012	1	COBHAM		Y	UT54ACTS240UQAH	529
5962H9656901QXC	D	05/10/2012	1	COBHAM		Y	UT54ACTS240UQCH	529
5962H9656901VXA	D	05/10/2012	1	COBHAM		Y	UT54ACTS240UVAH	529
5962H9656901VXC	D	05/10/2012	1	COBHAM		Y	UT54ACTS240UVCH	529
5962G9657001Q9B	G	10/30/2017	1	COBHAM		Y	UT54ACS244-Q-DIEG	529
5962G9657001V9B	G	10/30/2017	1	COBHAM		Y	UT54ACS244-V-DIEG	529
5962H9657001Q9A	G	10/30/2017		(NONE)			54ACS244 (GEN)	529
5962H9657001V9A	G	10/30/2017		(NONE)			54ACS244 (GEN)	529
5962H9657001QRA	G	10/30/2017		(NONE)			54ACS244 (GEN)	529
5962H9657001VRA	G	10/30/2017		(NONE)			54ACS244 (GEN)	529
5962G9657001QXA	G	10/30/2017	1	COBHAM		Y	UT54ACS244UQAG	529
5962G9657001QXC	G	10/30/2017	1	COBHAM		Y	UT54ACS244UQCG	529
5962G9657001VXA	G	10/30/2017	1	COBHAM		Y	UT54ACS244UVAG	529
5962G9657001VXC	G	10/30/2017	1	COBHAM		Y	UT54ACS244UVCG	529
5962H9657001QXA	G	10/30/2017		(NONE)			54ACS244 (GEN)	529
5962H9657001VXA	G	10/30/2017		(NONE)			54ACS244 (GEN)	529
5962H9657002Q9B	G	10/30/2017	2	COBHAM		Y	UT54ACS244E-Q-DIEH	529
5962H9657002V9B	G	10/30/2017	2	COBHAM		Y	UT54ACS244E-V-DIEH	529
5962H9657002QXA	G	10/30/2017	2	COBHAM		Y	UT54ACS244EUQAH	529
5962H9657002QXC	G	10/30/2017	2	COBHAM		Y	UT54ACS244EUQCH	529
5962H9657002VXA	G	10/30/2017	2	COBHAM		Y	UT54ACS244EUVAH	529
5962H9657002VXC	G	10/30/2017	2	COBHAM		Y	UT54ACS244EUVCH	529
5962G9657003Q9B	G	10/30/2017	2	COBHAM		Y	UT54ACS244E-Q-DIEG	529
5962G9657003V9B	G	10/30/2017	2	COBHAM		Y	UT54ACS244E-V-DIEG	529
5962G9657003QXA	G	10/30/2017	2	COBHAM		Y	UT54ACS244EUQAG	529
5962G9657003QXC	G	10/30/2017	2	COBHAM		Y	UT54ACS244EUQCG	529

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5962G9657003VXA	G	10/30/2017	2	COBHAM		Y UT54ACS244EUVAG		529
5962G9657003VXC	G	10/30/2017	2	COBHAM		Y UT54ACS244EUVCG		529
5962H9657101Q9A	E	10/30/2017	1	COBHAM		Y UT54ACTS244-QDIEH		529
5962H9657101V9A	E	10/30/2017	1	COBHAM		Y UT54ACTS244-VDIEH		529
5962H9657101QRA	E	10/30/2017	1	COBHAM		Y UT54ACTS244PQAH		529
5962H9657101QRC	E	10/30/2017	1	COBHAM		Y UT54ACTS244PQCH		529
5962H9657101VRA	E	10/30/2017	1	COBHAM		Y UT54ACTS244PVAH		529
5962H9657101VRC	E	10/30/2017	1	COBHAM		Y UT54ACTS244PVCH		529
5962H9657101QXA	E	10/30/2017	1	COBHAM		Y UT54ACTS244UQAH		529
5962H9657101QXC	E	10/30/2017	1	COBHAM		Y UT54ACTS244UQCH		529
5962H9657101VXA	E	10/30/2017	1	COBHAM		Y UT54ACTS244UVAH		529
5962H9657101VXC	E	10/30/2017	1	COBHAM		Y UT54ACTS244UVCH		529
5962H9657201Q9A	F	10/30/2017	1	COBHAM		Y UT54ACS245-QDIEH		590
5962H9657201V9A	F	10/30/2017	1	COBHAM		Y UT54ACS245-VDIEH		590
5962H9657201QRA	F	10/30/2017	1	COBHAM		Y UT54ACS245PQAH		590
5962H9657201QRC	F	10/30/2017	1	COBHAM		Y UT54ACS245PQCH		590
5962H9657201VRA	F	10/30/2017	1	COBHAM		Y UT54ACS245PVAH		590
5962H9657201VRC	F	10/30/2017	1	COBHAM		Y UT54ACS245PVCH		590
5962H9657201QXA	F	10/30/2017	1	COBHAM		Y UT54ACS245UQAH		590
5962H9657201QXC	F	10/30/2017	1	COBHAM		Y UT54ACS245UQCH		590
5962H9657201VXA	F	10/30/2017	1	COBHAM		Y UT54ACS245UVAH		590
5962H9657201VXC	F	10/30/2017	1	COBHAM		Y UT54ACS245UVCH		590
5962H9657202Q9A	F	10/30/2017	1	COBHAM		Y UT54ACS245S-QDIEH		590
5962H9657202V9A	F	10/30/2017	1	COBHAM		Y UT54ACS245S-VDIEH		590
5962H9657202QRA	F	10/30/2017	1	COBHAM		Y UT54ACS245SPQAH		590
5962H9657202QRC	F	10/30/2017	1	COBHAM		Y UT54ACS245SPQCH		590
5962H9657202VRA	F	10/30/2017	1	COBHAM		Y UT54ACS245SPVAH		590
5962H9657202VRC	F	10/30/2017	1	COBHAM		Y UT54ACS245SPVCH		590
5962H9657202QXA	F	10/30/2017	1	COBHAM		Y UT54ACS245SUQAH		590
5962H9657202QXC	F	10/30/2017	1	COBHAM		Y UT54ACS245SUQCH		590
5962H9657202VXA	F	10/30/2017	1	COBHAM		Y UT54ACS245SUVAH		590
5962H9657202VXC	F	10/30/2017	1	COBHAM		Y UT54ACS245SUVCH		590
5962G9657301Q9A	H	10/30/2017	2	COBHAM		Y UT54ACTS245-Q-DIEG		590
5962G9657301V9A	H	10/30/2017	2	COBHAM		Y UT54ACTS245-V-DIEG		590
5962H9657301QRA	H	10/30/2017		(NONE)		54ACTS245 (GEN)		590
5962H9657301VRA	H	10/30/2017		(NONE)		54ACTS245 (GEN)		590
5962G9657301QXA	H	10/30/2017	2	COBHAM		Y UT54ACTS245UQAG		590
5962G9657301QXC	H	10/30/2017	2	COBHAM		Y UT54ACTS245UQCG		590
5962G9657301VXA	H	10/30/2017	2	COBHAM		Y UT54ACTS245UVAG		590
5962G9657301VXC	H	10/30/2017	2	COBHAM		Y UT54ACTS245UVCG		590
5962H9657301QXA	H	10/30/2017		(NONE)		54ACTS245 (GEN)		590
5962H9657301VXA	H	10/30/2017		(NONE)		54ACTS245 (GEN)		590
5962H9657302Q9A	H	10/30/2017	1	COBHAM		Y UT54ACTS245E-Q-DIEH		590
5962H9657302V9A	H	10/30/2017	1	COBHAM		Y UT54ACTS245E-V-DIEH		590
5962H9657302QXA	H	10/30/2017	1	COBHAM		Y UT54ACTS245EUQAH		590
5962H9657302QXC	H	10/30/2017	1	COBHAM		Y UT54ACTS245EUQCH		590
5962H9657302VXA	H	10/30/2017	1	COBHAM		Y UT54ACTS245EUVAH		590
5962H9657302VXC	H	10/30/2017	1	COBHAM		Y UT54ACTS245EUVCH		590
5962G9657303Q9A	H	10/30/2017	2	COBHAM		Y UT54ACTS245E-Q-DIEG		590

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5962G9657303V9A	H	10/30/2017	2	COBHAM		Y UT54ACTS245E-V-DIEG		590
5962G9657303QXA	H	10/30/2017	2	COBHAM		Y UT54ACTS245EUQAG		590
5962G9657303QXC	H	10/30/2017	2	COBHAM		Y UT54ACTS245EUQCG		590
5962G9657303VXA	H	10/30/2017	2	COBHAM		Y UT54ACTS245EUVAG		590
5962G9657303VXC	H	10/30/2017	2	COBHAM		Y UT54ACTS245EUVCG		590
5962H9657401QEA	C	06/22/2012	1	COBHAM		Y UT54ACS253PQAH		274
5962H9657401QEC	C	06/22/2012	1	COBHAM		Y UT54ACS253PQCH		274
5962H9657401VEA	C	06/22/2012	1	COBHAM		Y UT54ACS253PVAH		274
5962H9657401VEC	C	06/22/2012	1	COBHAM		Y UT54ACS253PVCH		274
5962H9657401QXA	C	06/22/2012	1	COBHAM		Y UT54ACS253UQAH		274
5962H9657401QXC	C	06/22/2012	1	COBHAM		Y UT54ACS253UQCH		274
5962H9657401VXA	C	06/22/2012	1	COBHAM		Y UT54ACS253UVAH		274
5962H9657401VXC	C	06/22/2012	1	COBHAM		Y UT54ACS253UVCH		274
5962H9657501QEA	C	05/01/2012	1	COBHAM		Y UT54ACTS253PQAH		274
5962H9657501QEC	C	05/01/2012	1	COBHAM		Y UT54ACTS253PQCH		274
5962H9657501VEA	C	05/01/2012	1	COBHAM		Y UT54ACTS253PVAH		274
5962H9657501VEC	C	05/01/2012	1	COBHAM		Y UT54ACTS253PVCH		274
5962H9657501QXA	C	05/01/2012	1	COBHAM		Y UT54ACTS253UQAH		274
5962H9657501QXC	C	05/01/2012	1	COBHAM		Y UT54ACTS253UQCH		274
5962H9657501VXA	C	05/01/2012	1	COBHAM		Y UT54ACTS253UVAH		274
5962H9657501VXC	C	05/01/2012	1	COBHAM		Y UT54ACTS253UVCH		274
5962H9657601QEA	B	05/01/2012	1	COBHAM		Y UT54ACS264PQAH		206
5962H9657601QEC	B	05/01/2012	1	COBHAM		Y UT54ACS264PQCH		206
5962H9657601VEA	B	05/01/2012	1	COBHAM		Y UT54ACS264PVAH		206
5962H9657601VEC	B	05/01/2012	1	COBHAM		Y UT54ACS264PVCH		206
5962H9657601QXA	B	05/01/2012	1	COBHAM		Y UT54ACS264UQAH		206
5962H9657601QXC	B	05/01/2012	1	COBHAM		Y UT54ACS264UQCH		206
5962H9657601VXA	B	05/01/2012	1	COBHAM		Y UT54ACS264UVAH		206
5962H9657601VXC	B	05/01/2012	1	COBHAM		Y UT54ACS264UVCH		206
5962H9657701QEA	C	01/25/2013	1	COBHAM		Y UT54ACTS264PQAH		206
5962H9657701QEC	C	01/25/2013	1	COBHAM		Y UT54ACTS264PQCH		206
5962H9657701VEA	C	01/25/2013	1	COBHAM		Y UT54ACTS264PVAH		206
5962H9657701VEC	C	01/25/2013	1	COBHAM		Y UT54ACTS264PVCH		206
5962H9657701QXA	C	01/25/2013	1	COBHAM		Y UT54ACTS264UQAH		206
5962H9657701QXC	C	01/25/2013	1	COBHAM		Y UT54ACTS264UQCH		206
5962H9657701VXA	C	01/25/2013	1	COBHAM		Y UT54ACTS264UVAH		206
5962H9657701VXC	C	01/25/2013	1	COBHAM		Y UT54ACTS264UVCH		206
5962G9657801Q9B	F	10/23/2017	2	COBHAM		Y UT54ACS273-Q-DIEG		159
5962G9657801V9B	F	10/23/2017	2	COBHAM		Y UT54ACS273-V-DIEG		159
5962H9657801Q9A	F	10/23/2017		(NONE)	06/30/2014	54ACS273 (GEN)		159
5962H9657801V9A	F	10/23/2017		(NONE)	06/30/2014	54ACS273 (GEN)		159
5962H9657801Q9A	F	10/23/2017		(NONE)	06/30/2014	54ACS273 (GEN)		159
5962H9657801V9A	F	10/23/2017		(NONE)	06/30/2014	54ACS273 (GEN)		159
5962G9657801QXA	F	10/23/2017	2	COBHAM		Y UT54ACS273UQAG		159
5962G9657801QXC	F	10/23/2017	2	COBHAM		Y UT54ACS273UQCG		159
5962G9657801VXA	F	10/23/2017	2	COBHAM		Y UT54ACS273UVAG		159
5962G9657801VXC	F	10/23/2017	2	COBHAM		Y UT54ACS273UVCG		159
5962H9657801QXA	F	10/23/2017		(NONE)	06/30/2014	54ACS273 (GEN)		159
5962H9657801VXA	F	10/23/2017		(NONE)	06/30/2014	54ACS273 (GEN)		159

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5962H9657802Q9B	F	10/23/2017	2	COBHAM		Y UT54ACS273E-Q-DIEH		159
5962H9657802V9B	F	10/23/2017	2	COBHAM		Y UT54ACS273E-V-DIEH		159
5962H9657802QXA	F	10/23/2017	2	COBHAM		Y UT54ACS273EUQAH		159
5962H9657802QXC	F	10/23/2017	2	COBHAM		Y UT54ACS273EUQCH		159
5962H9657802VXA	F	10/23/2017	2	COBHAM		Y UT54ACS273EUVAH		159
5962H9657802VXC	F	10/23/2017	2	COBHAM		Y UT54ACS273EUVCH		159
5962G9657803Q9B	F	10/23/2017	2	COBHAM		Y UT54ACS273E-Q-DIEG		159
5962G9657803V9B	F	10/23/2017	2	COBHAM		Y UT54ACS273E-V-DIEG		159
5962G9657803QXA	F	10/23/2017	2	COBHAM		Y UT54ACS273EUQAG		159
5962G9657803QXC	F	10/23/2017	2	COBHAM		Y UT54ACS273EUQCG		159
5962G9657803VXA	F	10/23/2017	2	COBHAM		Y UT54ACS273EUVAG		159
5962G9657803VXC	F	10/23/2017	2	COBHAM		Y UT54ACS273EUVCG		159
5962H9657901Q9A	D	05/10/2012	1	COBHAM		Y UT54ACTS273-Q-DIE		159
5962H9657901V9A	D	05/10/2012	1	COBHAM		Y UT54ACTS273-V-DIE		159
5962H9657901QRA	D	05/10/2012	1	COBHAM		Y UT54ACTS273PQAH		159
5962H9657901QRC	D	05/10/2012	1	COBHAM		Y UT54ACTS273PQCH		159
5962H9657901VRA	D	05/10/2012	1	COBHAM		Y UT54ACTS273PVVAH		159
5962H9657901VRC	D	05/10/2012	1	COBHAM		Y UT54ACTS273PVVCH		159
5962H9657901QXA	D	05/10/2012	1	COBHAM		Y UT54ACTS273UQAH		159
5962H9657901QXC	D	05/10/2012	1	COBHAM		Y UT54ACTS273UQCH		159
5962H9657901VXA	D	05/10/2012	1	COBHAM		Y UT54ACTS273UVVAH		159
5962H9657901VXC	D	05/10/2012	1	COBHAM		Y UT54ACTS273UVVCH		159
5962H9658001QEA	C	06/06/2012	1	COBHAM		Y UT54ACS279PQAH		340
5962H9658001QEC	C	06/06/2012	1	COBHAM		Y UT54ACS279PQCH		340
5962H9658001VEA	C	06/06/2012	1	COBHAM		Y UT54ACS279PVVAH		340
5962H9658001VEC	C	06/06/2012	1	COBHAM		Y UT54ACS279PVVCH		340
5962H9658001QXA	C	06/06/2012	1	COBHAM		Y UT54ACS279UQAH		340
5962H9658001QXC	C	06/06/2012	1	COBHAM		Y UT54ACS279UQCH		340
5962H9658001VXA	C	06/06/2012	1	COBHAM		Y UT54ACS279UVVAH		340
5962H9658001VXC	C	06/06/2012	1	COBHAM		Y UT54ACS279UVVCH		340
5962H9658101QEA	D	01/25/2013	1	COBHAM		Y UT54ACTS279PQAH		340
5962H9658101QEC	D	01/25/2013	1	COBHAM		Y UT54ACTS279PQCH		340
5962H9658101VEA	D	01/25/2013	1	COBHAM		Y UT54ACTS279PVVAH		340
5962H9658101VEC	D	01/25/2013	1	COBHAM		Y UT54ACTS279PVVCH		340
5962H9658101QXA	D	01/25/2013	1	COBHAM		Y UT54ACTS279UQAH		340
5962H9658101QXC	D	01/25/2013	1	COBHAM		Y UT54ACTS279UQCH		340
5962H9658101VXA	D	01/25/2013	1	COBHAM		Y UT54ACTS279UVVAH		340
5962H9658101VXC	D	01/25/2013	1	COBHAM		Y UT54ACTS279UVVCH		340
5962H9658201QCA	C	03/22/2012	1	COBHAM		Y UT54ACS280PQAH		210
5962H9658201QCC	C	03/22/2012	1	COBHAM		Y UT54ACS280PQCH		210
5962H9658201VCA	C	03/22/2012	1	COBHAM		Y UT54ACS280PVVAH		210
5962H9658201VCC	C	03/22/2012	1	COBHAM		Y UT54ACS280PVVCH		210
5962H9658201QXA	C	03/22/2012	1	COBHAM		Y UT54ACS280UQAH		210
5962H9658201QXC	C	03/22/2012	1	COBHAM		Y UT54ACS280UQCH		210
5962H9658201VXA	C	03/22/2012	1	COBHAM		Y UT54ACS280UVVAH		210
5962H9658201VXC	C	03/22/2012	1	COBHAM		Y UT54ACS280UVVCH		210
5962H9658301QCA	D	02/05/2013	1	COBHAM		Y UT54ACTS280PQAH		210
5962H9658301QCC	D	02/05/2013	1	COBHAM		Y UT54ACTS280PQCH		210
5962H9658301VCA	D	02/05/2013	1	COBHAM		Y UT54ACTS280PVVAH		210



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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962H9658301VCC	D	02/05/2013	1	COBHAM		Y UT54ACTS280PVCH		210
5962H9658301QXA	D	02/05/2013	1	COBHAM		Y UT54ACTS280UQAH		210
5962H9658301QXC	D	02/05/2013	1	COBHAM		Y UT54ACTS280UQCH		210
5962H9658301VXA	D	02/05/2013	1	COBHAM		Y UT54ACTS280UVAH		210
5962H9658301VXC	D	02/05/2013	1	COBHAM		Y UT54ACTS280UVCH		210
5962H9658401QEA	D	10/24/2017	1	COBHAM		Y UT54ACS283PQAH		202
5962H9658401QEC	D	10/24/2017	1	COBHAM		Y UT54ACS283PQCH		202
5962H9658401VEA	D	10/24/2017	1	COBHAM		Y UT54ACS283PVAH		202
5962H9658401VEC	D	10/24/2017	1	COBHAM		Y UT54ACS283PVCH		202
5962H9658401QXA	D	10/24/2017	1	COBHAM		Y UT54ACS283UQAH		202
5962H9658401QXC	D	10/24/2017	1	COBHAM		Y UT54ACS283UQCH		202
5962H9658401VXA	D	10/24/2017	1	COBHAM		Y UT54ACS283UVAH		202
5962H9658401VXC	D	10/24/2017	1	COBHAM		Y UT54ACS283UVCH		202
5962H9658402Q9A	D	10/24/2017	1	COBHAM		Y UT54ACS283E-Q-DIE		202
5962H9658402V9A	D	10/24/2017	1	COBHAM		Y UT54ACS283E-V-DIE		202
5962H9658402QXA	D	10/24/2017	1	COBHAM		Y UT54ACS283EUQAH		202
5962H9658402QXC	D	10/24/2017	1	COBHAM		Y UT54ACS283EUQCH		202
5962H9658402VXA	D	10/24/2017	1	COBHAM		Y UT54ACS283EUVAH		202
5962H9658402VXC	D	10/24/2017	1	COBHAM		Y UT54ACS283EUVCH		202
5962G9658403Q9A	D	10/24/2017	1	COBHAM		Y UT54ACS283E-Q-DIEG		202
5962G9658403V9A	D	10/24/2017	1	COBHAM		Y UT54ACS283E-V-DIEG		202
5962G9658403QXA	D	10/24/2017	1	COBHAM		Y UT54ACS283EUQAG		202
5962G9658403QXC	D	10/24/2017	1	COBHAM		Y UT54ACS283EUQCG		202
5962G9658403VXA	D	10/24/2017	1	COBHAM		Y UT54ACS283EUVAG		202
5962G9658403VXC	D	10/24/2017	1	COBHAM		Y UT54ACS283EUVCG		202
5962H9658501QEA	C	02/05/2013	1	COBHAM		Y UT54ACTS283PQAH		202
5962H9658501QEC	C	02/05/2013	1	COBHAM		Y UT54ACTS283PQCH		202
5962H9658501VEA	C	02/05/2013	1	COBHAM		Y UT54ACTS283PVAH		202
5962H9658501VEC	C	02/05/2013	1	COBHAM		Y UT54ACTS283PVCH		202
5962H9658501QXA	C	02/05/2013	1	COBHAM		Y UT54ACTS283UQAH		202
5962H9658501QXC	C	02/05/2013	1	COBHAM		Y UT54ACTS283UQCH		202
5962H9658501VXA	C	02/05/2013	1	COBHAM		Y UT54ACTS283UVAH		202
5962H9658501VXC	C	02/05/2013	1	COBHAM		Y UT54ACTS283UVCH		202
5962H9658601QEA	B	04/19/2012	1	COBHAM		Y UT54ACS365PQAH		522
5962H9658601QEC	B	04/19/2012	1	COBHAM		Y UT54ACS365PQCH		522
5962H9658601VEA	B	04/19/2012	1	COBHAM		Y UT54ACS365PVAH		522
5962H9658601VEC	B	04/19/2012	1	COBHAM		Y UT54ACS365PVCH		522
5962H9658601QXA	B	04/19/2012	1	COBHAM		Y UT54ACS365UQAH		522
5962H9658601QXC	B	04/19/2012	1	COBHAM		Y UT54ACS365UQCH		522
5962H9658601VXA	B	04/19/2012	1	COBHAM		Y UT54ACS365UVAH		522
5962H9658601VXC	B	04/19/2012	1	COBHAM		Y UT54ACS365UVCH		522
5962H9658701QEA	C	02/05/2013	1	COBHAM		Y UT54ACTS365PQAH		522
5962H9658701QEC	C	02/05/2013	1	COBHAM		Y UT54ACTS365PQCH		522
5962H9658701VEA	C	02/05/2013	1	COBHAM		Y UT54ACTS365PVAH		522
5962H9658701VEC	C	02/05/2013	1	COBHAM		Y UT54ACTS365PVCH		522
5962H9658701QXA	C	02/05/2013	1	COBHAM		Y UT54ACTS365UQAH		522
5962H9658701QXC	C	02/05/2013	1	COBHAM		Y UT54ACTS365UQCH		522
5962H9658701VXA	C	02/05/2013	1	COBHAM		Y UT54ACTS365UVAH		522
5962H9658701VXC	C	02/05/2013	1	COBHAM		Y UT54ACTS365UVCH		522

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962H9658801Q9A	D	03/30/2016	1	COBHAM		Y UT54ACS373-Q-DIE		341
5962H9658801V9A	D	03/30/2016	1	COBHAM		Y UT54ACS373-V-DIE		341
5962H9658801QRA	D	03/30/2016	1	COBHAM		Y UT54ACS373PQAH		341
5962H9658801QRC	D	03/30/2016	1	COBHAM		Y UT54ACS373PQCH		341
5962H9658801VRA	D	03/30/2016	1	COBHAM		Y UT54ACS373PVAH		341
5962H9658801VRC	D	03/30/2016	1	COBHAM		Y UT54ACS373PVCH		341
5962H9658801QXA	D	03/30/2016	1	COBHAM		Y UT54ACS373UQAH		341
5962H9658801QXC	D	03/30/2016	1	COBHAM		Y UT54ACS373UQCH		341
5962H9658801VXA	D	03/30/2016	1	COBHAM		Y UT54ACS373UVAH		341
5962H9658801VXC	D	03/30/2016	1	COBHAM		Y UT54ACS373UVCH		341
5962H9658901QRA	D	02/19/2013	1	COBHAM		Y UT54ACTS373PQAH		341
5962H9658901QRC	D	02/19/2013	1	COBHAM		Y UT54ACTS373PQCH		341
5962H9658901VRA	D	02/19/2013	1	COBHAM		Y UT54ACTS373PVAH		341
5962H9658901VRC	D	02/19/2013	1	COBHAM		Y UT54ACTS373PVCH		341
5962H9658901QXA	D	02/19/2013	1	COBHAM		Y UT54ACTS373UQAH		341
5962H9658901QXC	D	02/19/2013	1	COBHAM		Y UT54ACTS373UQCH		341
5962H9658901VXA	D	02/19/2013	1	COBHAM		Y UT54ACTS373UVAH		341
5962H9658901VXC	D	02/19/2013	1	COBHAM		Y UT54ACTS373UVCH		341
5962H9659001Q9A	D	01/30/2014	1	COBHAM		Y UT54ACS374-QDIE		159
5962H9659001V9A	D	01/30/2014	1	COBHAM		Y UT54ACS374-VDIE		159
5962H9659001QRA	D	01/30/2014	1	COBHAM		Y UT54ACS374PQAH		159
5962H9659001QRC	D	01/30/2014	1	COBHAM		Y UT54ACS374PQCH		159
5962H9659001VRA	D	01/30/2014	1	COBHAM		Y UT54ACS374PVAH		159
5962H9659001VRC	D	01/30/2014	1	COBHAM		Y UT54ACS374PVCH		159
5962H9659001QXA	D	01/30/2014	1	COBHAM		Y UT54ACS374UQAH		159
5962H9659001QXC	D	01/30/2014	1	COBHAM		Y UT54ACS374UQCH		159
5962H9659001VXA	D	01/30/2014	1	COBHAM		Y UT54ACS374UVAH		159
5962H9659001VXC	D	01/30/2014	1	COBHAM		Y UT54ACS374UVCH		159
5962H9659101QRA	C	02/19/2013	1	COBHAM		Y UT54ACTS374PQAH		159
5962H9659101QRC	C	02/19/2013	1	COBHAM		Y UT54ACTS374PQCH		159
5962H9659101VRA	C	02/19/2013	1	COBHAM		Y UT54ACTS374PVAH		159
5962H9659101VRC	C	02/19/2013	1	COBHAM		Y UT54ACTS374PVCH		159
5962H9659101QXA	C	02/19/2013	1	COBHAM		Y UT54ACTS374UQAH		159
5962H9659101QXC	C	02/19/2013	1	COBHAM		Y UT54ACTS374UQCH		159
5962H9659101VXA	C	02/19/2013	1	COBHAM		Y UT54ACTS374UVAH		159
5962H9659101VXC	C	02/19/2013	1	COBHAM		Y UT54ACTS374UVCH		159
5962H9659201QCA	C	01/30/2014	1	COBHAM		Y UT54ACS540PQAH		529
5962H9659201QCC	C	01/30/2014	1	COBHAM		Y UT54ACS540PQCH		529
5962H9659201VCA	C	01/30/2014	1	COBHAM		Y UT54ACS540PVAH		529
5962H9659201VCC	C	01/30/2014	1	COBHAM		Y UT54ACS540PVCH		529
5962H9659201QXA	C	01/30/2014	1	COBHAM		Y UT54ACS540UQAH		529
5962H9659201QXC	C	01/30/2014	1	COBHAM		Y UT54ACS540UQCH		529
5962H9659201VXA	C	01/30/2014	1	COBHAM		Y UT54ACS540UVAH		529
5962H9659201VXC	C	01/30/2014	1	COBHAM		Y UT54ACS540UVCH		529
5962H9659301QRA	C	02/19/2013	1	COBHAM		Y UT54ACTS540PQAH		529
5962H9659301QRC	C	02/19/2013	1	COBHAM		Y UT54ACTS540PQCH		529
5962H9659301VRA	C	02/19/2013	1	COBHAM		Y UT54ACTS540PVAH		529
5962H9659301VRC	C	02/19/2013	1	COBHAM		Y UT54ACTS540PVCH		529
5962H9659301QXA	C	02/19/2013	1	COBHAM		Y UT54ACTS540UQAH		529

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962H9659301QXC	C	02/19/2013	1	COBHAM		Y UT54ACTS540UQCH		529
5962H9659301VXA	C	02/19/2013	1	COBHAM		Y UT54ACTS540UVAH		529
5962H9659301VXC	C	02/19/2013	1	COBHAM		Y UT54ACTS540UVCH		529
5962H9659401QRA	C	01/27/2015	1	COBHAM		Y UT54ACS541PQAH		529
5962H9659401QRC	C	01/27/2015	1	COBHAM		Y UT54ACS541PQCH		529
5962H9659401VRA	C	01/27/2015	1	COBHAM		Y UT54ACS541PVAH		529
5962H9659401VRC	C	01/27/2015	1	COBHAM		Y UT54ACS541PVCH		529
5962H9659401QXA	C	01/27/2015	1	COBHAM		Y UT54ACS541UQAH		529
5962H9659401QXC	C	01/27/2015	1	COBHAM		Y UT54ACS541UQCH		529
5962H9659401VXA	C	01/27/2015	1	COBHAM		Y UT54ACS541UVAH		529
5962H9659401VXC	C	01/27/2015	1	COBHAM		Y UT54ACS541UVCH		529
5962H9659501QRA	G	10/25/2017		(NONE)		54ACTS541 (GEN)		529
5962H9659501VRA	G	10/25/2017		(NONE)		54ACTS541 (GEN)		529
5962G9659501QXA	G	10/25/2017	2	COBHAM		Y UT54ACTS541UQAG		529
5962G9659501QXC	G	10/25/2017	2	COBHAM		Y UT54ACTS541UQCG		529
5962G9659501VXA	G	10/25/2017	2	COBHAM		Y UT54ACTS541UVAG		529
5962G9659501VXC	G	10/25/2017	2	COBHAM		Y UT54ACTS541UVCG		529
5962H9659501QXA	G	10/25/2017		(NONE)		54ACTS541 (GEN)		529
5962H9659501VXA	G	10/25/2017		(NONE)		54ACTS541 (GEN)		529
5962H9659502QXA	G	10/25/2017	1	COBHAM		Y UT54ACTS541EUQAH		529
5962H9659502QXC	G	10/25/2017	1	COBHAM		Y UT54ACTS541EUQCH		529
5962H9659502VXA	G	10/25/2017	1	COBHAM		Y UT54ACTS541EUVAH		529
5962H9659502VXC	G	10/25/2017	1	COBHAM		Y UT54ACTS541EUVCH		529
5962G9659503QXA	G	10/25/2017	2	COBHAM		Y UT54ACTS541EUQAG		529
5962G9659503QXC	G	10/25/2017	2	COBHAM		Y UT54ACTS541EUQCG		529
5962G9659503VXA	G	10/25/2017	2	COBHAM		Y UT54ACTS541EUVAG		529
5962G9659503VXC	G	10/25/2017	2	COBHAM		Y UT54ACTS541EUVCG		529
5962H9659601QCA	C	01/27/2015	1	COBHAM		Y UT54ACS4002PQAH		123
5962H9659601QCC	C	01/27/2015	1	COBHAM		Y UT54ACS4002PQCH		123
5962H9659601VCA	C	01/27/2015	1	COBHAM		Y UT54ACS4002PVAH		123
5962H9659601VCC	C	01/27/2015	1	COBHAM		Y UT54ACS4002PVCH		123
5962H9659601QXA	C	01/27/2015	1	COBHAM		Y UT54ACS4002UQAH		123
5962H9659601QXC	C	01/27/2015	1	COBHAM		Y UT54ACS4002UQCH		123
5962H9659601VXA	C	01/27/2015	1	COBHAM		Y UT54ACS4002UVAH		123
5962H9659601VXC	C	01/27/2015	1	COBHAM		Y UT54ACS4002UVCH		123
5962H9659701QCA	C	02/19/2013	1	COBHAM		Y UT54ACTS4002PQAH		123
5962H9659701QCC	C	02/19/2013	1	COBHAM		Y UT54ACTS4002PQCH		123
5962H9659701VCA	C	02/19/2013	1	COBHAM		Y UT54ACTS4002PVAH		123
5962H9659701VCC	C	02/19/2013	1	COBHAM		Y UT54ACTS4002PVCH		123
5962H9659701QXA	C	02/19/2013	1	COBHAM		Y UT54ACTS4002UQAH		123
5962H9659701QXC	C	02/19/2013	1	COBHAM		Y UT54ACTS4002UQCH		123
5962H9659701VXA	C	02/19/2013	1	COBHAM		Y UT54ACTS4002UVAH		123
5962H9659701VXC	C	02/19/2013	1	COBHAM		Y UT54ACTS4002UVCH		123
5962R9659801V9A	C	07/24/1997		(NONE)		40100B (GEN)		232
5962R9659801VEC	C	07/24/1997		(NONE)		40100B (GEN)		232
5962R9659801VXC	C	07/24/1997		(NONE)		40100B (GEN)		232
5962R9659901V9A	B	07/24/1997		(NONE)		40101B (GEN)		210
5962R9659901VCC	B	07/24/1997		(NONE)		40101B (GEN)		210
5962R9659901VXC	B	07/24/1997		(NONE)		40101B (GEN)		210

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962R9660001V9A	A	06/10/1998		(NONE)			40102B (GEN)	301
5962R9660001VEC	A	06/10/1998		(NONE)			40102B (GEN)	301
5962R9660001VXC	A	06/10/1998		(NONE)			40102B (GEN)	301
5962R9660002V9A	A	06/10/1998		(NONE)			40103B (GEN)	304
5962R9660002VEC	A	06/10/1998		(NONE)			40103B (GEN)	304
5962R9660002VXC	A	06/10/1998		(NONE)			40103B (GEN)	304
5962R9660101V9A	A	12/09/1997		(NONE)			40104B (GEN)	220
5962R9660101VEC	A	12/09/1997		(NONE)			40104B (GEN)	220
5962R9660101VXC	A	12/09/1997		(NONE)			40104B (GEN)	220
5962R9660102V9A	A	12/09/1997		(NONE)			40194B (GEN)	220
5962R9660102VEC	A	12/09/1997		(NONE)			40194B (GEN)	220
5962R9660102VXC	A	12/09/1997		(NONE)			40194B (GEN)	220
5962R9660201V9A	E	07/01/2016	1	RENESAS		Y	CD40105BHSR	670
5962R9660201VEC	E	07/01/2016	1	RENESAS		Y	CD40105BDMSR	670
5962R9660201VXC	E	07/01/2016	1	RENESAS		Y	CD40105BKMSR	670
5962R9660202V9A	E	07/01/2016		(NONE)			40105BN (GEN)	670
5962R9660202VEC	E	07/01/2016		(NONE)			40105BN (GEN)	670
5962R9660202VXC	E	07/01/2016		(NONE)			40105BN (GEN)	670
5962R9660301V9A	D	04/15/2004		(NONE)	12/30/2011		40106B (GEN)	541
5962R9660301VCC	D	04/15/2004		(NONE)	12/30/2011		40106B (GEN)	541
5962R9660301VXC	D	04/15/2004		(NONE)	12/30/2011		40106B (GEN)	541
5962R9660302V9A	D	04/15/2004		(NONE)			40106BN (GEN)	541
5962R9660302VCC	D	04/15/2004		(NONE)			40106BN (GEN)	541
5962R9660302VXC	D	04/15/2004		(NONE)	12/30/2011		40106B (GEN)	541
5962R9660401V9A	A	03/13/1998		(NONE)			40147B (GEN)	345
5962R9660401VEC	A	03/13/1998		(NONE)			40147B (GEN)	345
5962R9660401VXC	A	03/13/1998		(NONE)			40147B (GEN)	345
5962R9660501V9A	D	06/16/2010	1	RENESAS		Y	CD40174BHSR	159
5962R9660501VEC	D	06/16/2010	1	RENESAS		Y	CD40174BDMSR	159
5962R9660501VXC	D	06/16/2010	1	RENESAS		Y	CD40174BKMSR	159
5962R9660502V9A	D	06/16/2010		(NONE)			40174BN (GEN)	159
5962R9660502VEC	D	06/16/2010		(NONE)			40174BN (GEN)	159
5962R9660502VXC	D	06/16/2010		(NONE)			40174BN (GEN)	159
5962R9660601V9A	B	08/18/1997		(NONE)			40175B (GEN)	159
5962R9660601VEC	B	08/18/1997		(NONE)			40175B (GEN)	159
5962R9660601VXC	B	08/18/1997		(NONE)			40175B (GEN)	159
5962R9660701V9A	B	07/24/1997		(NONE)			40182B (GEN)	206
5962R9660701VEC	B	07/24/1997		(NONE)			40182B (GEN)	206
5962R9660701VXC	B	07/24/1997		(NONE)			40182B (GEN)	206
5962R9660801V9A	D	06/16/2010		(NONE)			40192B (GEN)	301
5962R9660801VEC	D	06/16/2010		(NONE)			40192B (GEN)	301
5962R9660801VXC	D	06/16/2010		(NONE)			40192B (GEN)	301
5962R9660802V9A	D	06/16/2010	1	RENESAS		Y	CD40193BHSR	304
5962R9660802VEC	D	06/16/2010	1	RENESAS		Y	CD40193BDMSR	304
5962R9660802VXC	D	06/16/2010	1	RENESAS		Y	CD40193BKMSR	304
5962R9660901V9A	C	10/16/2003		(NONE)			4060B (GEN)	305
5962R9660901VEC	C	10/16/2003		(NONE)	09/13/2007		4060B (GEN)	305
5962R9660901VXC	C	10/16/2003		(NONE)	09/13/2007		4060B (GEN)	305
5962R9661001V9A	B	07/25/1997		(NONE)			4068B (GEN)	106

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962R9661001VCC	B	07/25/1997		(NONE)			4068B (GEN)	106
5962R9661001VXC	B	07/25/1997		(NONE)			4068B (GEN)	106
5962R9661002V9A	B	07/25/1997		(NONE)			4068BN (GEN)	106
5962R9661002VCC	B	07/25/1997		(NONE)			4068BN (GEN)	106
5962R9661002VXC	B	07/25/1997		(NONE)			4068BN (GEN)	106
5962R9661101V9A	C	02/02/2004	1	RENESAS		Y	CD4070BHSR	140
5962R9661101VCC	C	02/02/2004	1	RENESAS		Y	CD4070BDMSR	140
5962R9661101VXC	C	02/02/2004	1	RENESAS		Y	CD4070BKMSR	140
5962R9661102V9A	C	02/02/2004		(NONE)			4077B (GEN)	141
5962R9661102VCC	C	02/02/2004	1	RENESAS		Y	CD4077BDMSR	141
5962R9661102VXC	C	02/02/2004	1	RENESAS		Y	CD4077BKMSR	141
5962R9661103V9A	C	02/02/2004		(NONE)			4070BN (GEN)	140
5962R9661103VCC	C	02/02/2004		(NONE)			4070BN (GEN)	140
5962R9661103VXC	C	02/02/2004		(NONE)			4070BN (GEN)	140
5962R9661104V9A	C	02/02/2004		(NONE)			4077BN (GEN)	141
5962R9661104VCC	C	02/02/2004		(NONE)			4077BN (GEN)	141
5962R9661104VXC	C	02/02/2004		(NONE)			4077BN (GEN)	141
5962R9661201V9A	B	07/25/1997		(NONE)			4089B (GEN)	208
5962R9661201VEC	B	07/25/1997		(NONE)			4089B (GEN)	208
5962R9661201VXC	B	07/25/1997		(NONE)			4089B (GEN)	208
5962R9661301V9A	B	07/25/1997		(NONE)			4095B (GEN)	150
5962R9661301VCC	B	07/25/1997		(NONE)			4095B (GEN)	150
5962R9661301VXC	B	07/25/1997		(NONE)			4095B (GEN)	150
5962R9661302V9A	B	07/25/1997		(NONE)			4096B (GEN)	150
5962R9661302VCC	B	07/25/1997		(NONE)			4096B (GEN)	150
5962R9661302VXC	B	07/25/1997		(NONE)			4096B (GEN)	150
5962R9661401V9A	D	04/19/2010	1	RENESAS		Y	CD4098BHSR	166
5962R9661401VEC	D	04/19/2010	1	RENESAS		Y	CD4098BDMSR	166
5962R9661401VXC	D	04/19/2010	1	RENESAS		Y	CD4098BKMSR	166
5962R9661402V9A	D	04/19/2010		(NONE)	12/10/2015		CD4098B (GEN)	166
5962R9661402VEC	D	04/19/2010		(NONE)	12/10/2015		CD4098B (GEN)	166
5962R9661402VXC	D	04/19/2010		(NONE)	12/10/2015		CD4098B (GEN)	166
5962R9661501V9A	E	07/01/2016	1	RENESAS		Y	CD4099BHSR	341
5962R9661501VEC	E	07/01/2016	1	RENESAS		Y	CD4099BDMSR	341
5962R9661501VXC	E	07/01/2016	1	RENESAS		Y	CD4099BKMSR	341
5962R9661601V9A	A	01/29/1998		(NONE)			4502B (GEN)	541
5962R9661601VCC	A	01/29/1998		(NONE)			4502B (GEN)	541
5962R9661601VXC	A	01/29/1998		(NONE)			4502B (GEN)	541
5962R9661602V9A	A	01/29/1998		(NONE)			4502BN (GEN)	541
5962R9661602VCC	A	01/29/1998		(NONE)			4502BN (GEN)	541
5962R9661602VXC	A	01/29/1998		(NONE)			4502BN (GEN)	541
5962R9661701V9A	B	07/29/1997		(NONE)			4006B (GEN)	231
5962R9661701VCC	B	07/29/1997		(NONE)			4006B (GEN)	231
5962R9661701VXC	B	07/29/1997		(NONE)			4006B (GEN)	231
5962R9661702V9A	B	07/29/1997		(NONE)			4006BN (GEN)	231
5962R9661702VCC	B	07/29/1997		(NONE)			4006BN (GEN)	231
5962R9661702VXC	B	07/29/1997		(NONE)			4006BN (GEN)	231
5962R9661801V9A	B	07/29/1997		(NONE)			4007UB (GEN)	149
5962R9661801VCC	B	07/29/1997		(NONE)			4007UB (GEN)	149



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5962R9661801VXC	B	07/29/1997		(NONE)			4007UB (GEN)	149
5962R9661901V9A	C	10/16/2003		(NONE)			4008B (GEN)	202
5962R9661901VEC	C	10/16/2003		(NONE)			4008B (GEN)	202
5962R9661901VXC	C	10/16/2003		(NONE)	11/06/2007		4008B (GEN)	202
5962R9661902V9A	C	10/16/2003		(NONE)			4008BN (GEN)	202
5962R9661902VEC	C	10/16/2003		(NONE)			4008BN (GEN)	202
5962R9661902VXC	C	10/16/2003		(NONE)			4008BN (GEN)	202
5962R9662001V9A	B	07/29/1997		(NONE)			4009UB (GEN)	541
5962R9662001VEC	B	07/29/1997		(NONE)			4009UB (GEN)	541
5962R9662001VXC	B	07/29/1997		(NONE)			4009UB (GEN)	541
5962R9662101V9A	F	07/16/2015		(NONE)			4011B (GEN)	100
5962R9662101TCC	F	07/16/2015		(NONE)			4011B (GEN)	100
5962R9662101VCC	F	07/16/2015		(NONE)			4011B (GEN)	100
5962R9662101TXC	F	07/16/2015		(NONE)			4011B (GEN)	100
5962R9662101VXC	F	07/16/2015		(NONE)			4011B (GEN)	100
5962R9662102V9A	F	07/16/2015		(NONE)			4012B (GEN)	104
5962R9662102VCC	F	07/16/2015		(NONE)			4012B (GEN)	104
5962R9662102VXC	F	07/16/2015		(NONE)			4012B (GEN)	104
5962R9662103V9A	F	07/16/2015	1	RENESAS		Y	CD4023BHSR	102
5962R9662103VCC	F	07/16/2015	1	RENESAS		Y	CD4023BDMSR	102
5962R9662103VXC	F	07/16/2015	1	RENESAS		Y	CD4023BKMSR	102
5962R9662104V9A	F	07/16/2015		(NONE)			4011BN (GEN)	100
5962R9662104VCC	F	07/16/2015		(NONE)			4011BN (GEN)	100
5962R9662104VXC	F	07/16/2015		(NONE)			4011BN (GEN)	100
5962R9662105V9A	F	07/16/2015		(NONE)			4012BN (GEN)	104
5962R9662105VCC	F	07/16/2015		(NONE)			4012BN (GEN)	104
5962R9662105VXC	F	07/16/2015		(NONE)			4012BN (GEN)	104
5962R9662106V9A	F	07/16/2015		(NONE)			4023BN (GEN)	102
5962R9662106VCC	F	07/16/2015		(NONE)			4023BN (GEN)	102
5962R9662106VXC	F	07/16/2015		(NONE)			4023BN (GEN)	102
5962R9662201V9A	C	04/19/2005		(NONE)	04/01/2009		4013B (GEN)	158
5962R9662201VCC	C	04/19/2005		(NONE)	04/01/2009		4013B (GEN)	158
5962R9662201VXC	C	04/19/2005		(NONE)	04/01/2009		4013B (GEN)	158
5962R9662202V9A	C	04/19/2005		(NONE)			4013BN (GEN)	158
5962R9662202VCC	C	04/19/2005		(NONE)			4013BN (GEN)	158
5962R9662202VXC	C	04/19/2005		(NONE)	04/01/2009		4013BN (GEN)	158
5962R9662301V9A	D	08/23/2010		(NONE)			4014B (GEN)	225
5962R9662301VEC	D	08/23/2010		(NONE)			4014B (GEN)	225
5962R9662301VXC	D	08/23/2010		(NONE)			4014B (GEN)	225
5962R9662302V9A	D	08/23/2010		(NONE)			4021B (GEN)	225
5962R9662302VEC	D	08/23/2010	1	RENESAS		Y	CD4021BDMSR	225
5962R9662302VXC	D	08/23/2010	1	RENESAS		Y	CD4021BKMSR	225
5962R9662303V9A	D	08/23/2010		(NONE)			4014BN (GEN)	225
5962R9662303VEC	D	08/23/2010		(NONE)			4014BN (GEN)	225
5962R9662303VXC	D	08/23/2010		(NONE)			4014BN (GEN)	225
5962R9662304V9A	D	08/23/2010		(NONE)			4021BN (GEN)	225
5962R9662304VEC	D	08/23/2010		(NONE)			4021BN (GEN)	225
5962R9662304VXC	D	08/23/2010		(NONE)			4021BN (GEN)	225
5962R9662401V9A	F	02/10/2016		(NONE)			4015B (GEN)	226

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5962R9662401TEC	F	02/10/2016		(NONE)			4015B (GEN)	226
5962R9662401VEC	F	02/10/2016	1	RENESAS		Y	CD4015BDMSR	226
5962R9662401TXC	F	02/10/2016		(NONE)			4015B (GEN)	226
5962R9662401VXC	F	02/10/2016	1	RENESAS		Y	CD4015BKMSR	226
5962R9662402V9A	F	02/10/2016		(NONE)			4015BN (GEN)	226
5962R9662402VEC	F	02/10/2016		(NONE)			4015BN (GEN)	226
5962R9662402VXC	F	02/10/2016	1	RENESAS		Y	CD4015BKNSR	226
5962R9662501V9A	C	11/19/2003		(NONE)			4017B (GEN)	306
5962R9662501VEC	C	11/19/2003		(NONE)	02/24/2004		4017B (GEN)	306
5962R9662501VXC	C	11/19/2003		(NONE)	08/15/2005		4017B (GEN)	306
5962R9662502V9A	C	11/19/2003		(NONE)			4022B (GEN)	307
5962R9662502VEC	C	11/19/2003		(NONE)			4022B (GEN)	307
5962R9662502VXC	C	11/19/2003		(NONE)			4022B (GEN)	307
5962R9662503V9A	C	11/19/2003		(NONE)			4017BN (GEN)	306
5962R9662503VEC	C	11/19/2003		(NONE)			4017BN (GEN)	306
5962R9662503VXC	C	11/19/2003		(NONE)			4017BN (GEN)	306
5962R9662504V9A	C	11/19/2003		(NONE)			4022BN (GEN)	307
5962R9662504VEC	C	11/19/2003		(NONE)			4022BN (GEN)	307
5962R9662504VXC	C	11/19/2003		(NONE)			4022BN (GEN)	307
5962R9662601V9A	B	07/29/1997		(NONE)			4018B (GEN)	309
5962R9662601VEC	B	07/29/1997		(NONE)			4018B (GEN)	309
5962R9662601VXC	B	07/29/1997		(NONE)			4018B (GEN)	309
5962R9662602V9A	B	07/29/1997		(NONE)			4018BN (GEN)	309
5962R9662602VEC	B	07/29/1997		(NONE)			4018BN (GEN)	309
5962R9662602VXC	B	07/29/1997		(NONE)			4018BN (GEN)	309
5962R9662701V9A	B	07/29/1997		(NONE)			4019B (GEN)	149
5962R9662701VEC	B	07/29/1997		(NONE)			4019B (GEN)	149
5962R9662701VXC	B	07/29/1997		(NONE)			4019B (GEN)	149
5962R9662702V9A	B	07/29/1997		(NONE)			4019BN (GEN)	149
5962R9662702VEC	B	07/29/1997		(NONE)			4019BN (GEN)	149
5962R9662702VXC	B	07/29/1997		(NONE)			4019BN (GEN)	149
5962R9662801V9A	D	06/23/2010		(NONE)	05/08/2008		4020B (GEN)	305
5962R9662801VEC	D	06/23/2010		(NONE)	05/08/2008		4020B (GEN)	305
5962R9662801VYC	D	06/23/2010		(NONE)	05/08/2008		4020B (GEN)	305
5962R9662802V9A	D	06/23/2010		(NONE)			4020BN (GEN)	305
5962R9662802VEC	D	06/23/2010		(NONE)			4020BN (GEN)	305
5962R9662802VYC	D	06/23/2010		(NONE)	05/08/2008		4020BN (GEN)	305
5962R9662803V9A	D	06/23/2010	1	RENESAS		Y	CD4024BHSR	305
5962R9662803VCC	D	06/23/2010	1	RENESAS		Y	CD4024BDMSR	305
5962R9662803VXC	D	06/23/2010	1	RENESAS		Y	CD4024BKMSR	305
5962R9662804V9A	D	06/23/2010		(NONE)			4024BN (GEN)	305
5962R9662804VCC	D	06/23/2010		(NONE)			4024BN (GEN)	305
5962R9662804VXC	D	06/23/2010		(NONE)			4024BN (GEN)	305
5962R9662805V9A	D	06/23/2010		(NONE)			4040B (GEN)	305
5962R9662805VEC	D	06/23/2010		(NONE)			4040B (GEN)	305
5962R9662805VYC	D	06/23/2010		(NONE)			4040B (GEN)	305
5962R9662806V9A	D	06/23/2010		(NONE)			4040BN (GEN)	305
5962R9662806VEC	D	06/23/2010		(NONE)			4040BN (GEN)	305
5962R9662806VYC	D	06/23/2010		(NONE)	05/07/2008		4040BN (GEN)	305

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5962R9662901V9A	D	08/23/2010		(NONE)	09/23/2001		4027B (GEN)	153
5962R9662901VEC	D	08/23/2010		(NONE)	09/23/2001		4027B (GEN)	153
5962R9662901VXC	D	08/23/2010	1	RENESAS		Y	CD4027BKMSR	153
5962R9662902V9A	D	08/23/2010		(NONE)			4027BN (GEN)	153
5962R9662902VEC	D	08/23/2010		(NONE)			4027BN (GEN)	153
5962R9662902VXC	D	08/23/2010		(NONE)			4027BN (GEN)	153
5962R9663001V9A	D	08/23/2010	1	RENESAS		Y	CD4028BHSR	281
5962R9663001VEC	D	08/23/2010		(NONE)			4028B (GEN)	281
5962R9663001VXC	D	08/23/2010	1	RENESAS		Y	CD4028BKMSR	281
5962R9663002V9A	D	08/23/2010		(NONE)			4028BN (GEN)	281
5962R9663002VEC	D	08/23/2010		(NONE)	09/23/2001		4028BN (GEN)	281
5962R9663002VXC	D	08/23/2010		(NONE)			4028BN (GEN)	281
5962R9663201V9A	C	07/02/2003		(NONE)	05/01/2004		4041UB (GEN)	544
5962R9663201VCC	C	07/02/2003		(NONE)	05/01/2004		4041UB (GEN)	544
5962R9663201VXC	C	07/02/2003		(NONE)	05/01/2004		4041UB (GEN)	544
5962R9663202V9A	C	07/02/2003		(NONE)			4041UBN (GEN)	544
5962R9663202VCC	C	07/02/2003		(NONE)			4041UBN (GEN)	544
5962R9663202VXC	C	07/02/2003		(NONE)			4041UBN (GEN)	544
5962R9663301V9A	D	08/23/2010		(NONE)			4042B (GEN)	340
5962R9663301VEC	D	08/23/2010	1	RENESAS		Y	CD4042BDMSR	340
5962R9663301VXC	D	08/23/2010	1	RENESAS		Y	CD4042BKMSR	340
5962R9663302V9A	D	08/23/2010		(NONE)			4042BN (GEN)	340
5962R9663302VEC	D	08/23/2010		(NONE)			4042BN (GEN)	340
5962R9663302VXC	D	08/23/2010		(NONE)			4042BN (GEN)	340
5962R9663401V9A	D	06/23/2010	1	RENESAS		Y	CD4043BHSR	340
5962R9663401VEC	D	06/23/2010	1	RENESAS		Y	CD4043BDMSR	340
5962R9663401VXC	D	06/23/2010	1	RENESAS		Y	CD4043BKMSR	340
5962R9663402V9A	D	06/23/2010		(NONE)			4044B (GEN)	340
5962R9663402VEC	D	06/23/2010		(NONE)			4044B (GEN)	340
5962R9663402VXC	D	06/23/2010		(NONE)			4044B (GEN)	340
5962R9663403V9A	D	06/23/2010		(NONE)			4043BN (GEN)	340
5962R9663403VEC	D	06/23/2010		(NONE)			4043BN (GEN)	340
5962R9663403VXC	D	06/23/2010		(NONE)			4043BN (GEN)	340
5962R9663501V9A	D	08/05/2014		(NONE)	03/19/2015		4047B (GEN)	165
5962R9663501VCC	D	08/05/2014		(NONE)	03/19/2015		4047B (GEN)	165
5962R9663501VXC	D	08/05/2014		(NONE)	03/19/2015		4047B (GEN)	165
5962R9663502V9A	D	08/05/2014		(NONE)			4047BN (GEN)	165
5962R9663502VCC	D	08/05/2014		(NONE)			4047BN (GEN)	165
5962R9663502VXC	D	08/05/2014		(NONE)	03/19/2015		4047BN (GEN)	165
5962R9663601V9A	F	08/21/2015	1	RENESAS		Y	CD4049UBHSR	541
5962R9663601TEC	F	08/21/2015		(NONE)			4049UB (GEN)	541
5962R9663601VEC	F	08/21/2015	1	RENESAS		Y	CD4049UBDMSR	541
5962R9663601TXC	F	08/21/2015		(NONE)			4049UB (GEN)	541
5962R9663601VXC	F	08/21/2015	1	RENESAS		Y	CD4049UBKMSR	541
5962R9663602V9A	F	08/21/2015		(NONE)			4049UB (GEN)	541
5962R9663602VEC	F	08/21/2015		(NONE)			4049UB (GEN)	541
5962R9663602VXC	F	08/21/2015	1	RENESAS		Y	CD4049UBKNSR	541
5962R9663701V9A	C	12/11/2003		(NONE)	09/23/2001		4050B (GEN)	540
5962R9663701VEC	C	12/11/2003		(NONE)	06/20/2008		4050B (GEN)	540

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5962R9663701VXC	C	12/11/2003		(NONE)	06/30/2012		4050B (GEN)	540
5962R9663702V9A	C	12/11/2003		(NONE)			4050BN (GEN)	540
5962R9663702VEC	C	12/11/2003		(NONE)			4050BN (GEN)	540
5962R9663702VXC	C	12/11/2003		(NONE)			4050BN (GEN)	540
5962R9663801V9A	B	08/04/1997		(NONE)			4078B (GEN)	124
5962R9663801VCC	B	08/04/1997		(NONE)	09/23/2001		4078B (GEN)	124
5962R9663801VXC	B	08/04/1997		(NONE)			4078B (GEN)	124
5962R9663802V9A	B	08/04/1997		(NONE)			4078BN (GEN)	124
5962R9663802VCC	B	08/04/1997		(NONE)			4078BN (GEN)	124
5962R9663802VXC	B	08/04/1997		(NONE)			4078BN (GEN)	124
5962R9663901V9A	A	01/16/1998		(NONE)			4085B (GEN)	130
5962R9663901VCC	A	01/16/1998		(NONE)			4085B (GEN)	130
5962R9663901VXC	A	01/16/1998		(NONE)			4085B (GEN)	130
5962R9664001V9A	A	01/16/1998		(NONE)			4086B (GEN)	134
5962R9664001VCC	A	01/16/1998		(NONE)			4086B (GEN)	134
5962R9664001VXC	A	01/16/1998		(NONE)			4086B (GEN)	134
5962R9664101V9A	C	07/02/2003		(NONE)	02/10/2005		4093B (GEN)	109
5962R9664101VCC	C	07/02/2003		(NONE)	02/10/2005		4093B (GEN)	109
5962R9664101VXC	C	07/02/2003		(NONE)	02/10/2005		4093B (GEN)	109
5962R9664102V9A	C	07/02/2003		(NONE)			4093BN (GEN)	109
5962R9664102VCC	C	07/02/2003		(NONE)			4093BN (GEN)	109
5962R9664102VXC	C	07/02/2003		(NONE)	02/10/2005		4093BN (GEN)	109
5962R9664201V9A	B	08/08/1997		(NONE)	03/23/2003		4094B (GEN)	249
5962R9664201VEC	B	08/08/1997		(NONE)	03/23/2003		4094B (GEN)	249
5962R9664201VXC	B	08/08/1997		(NONE)	03/23/2003		4094B (GEN)	249
5962R9664202V9A	B	08/08/1997		(NONE)			4094BN (GEN)	249
5962R9664202VEC	B	08/08/1997		(NONE)			4094BN (GEN)	249
5962R9664202VXC	B	08/08/1997		(NONE)			4094BN (GEN)	249
5962R9664301V9A	C	07/24/2014		(NONE)			4503B (GEN)	522
5962R9664301VEC	C	07/24/2014	1	RENESAS		Y	CD4503BDMSR	522
5962R9664301VXC	C	07/24/2014	1	RENESAS		Y	CD4503BKMSR	522
5962R9664302V9A	C	07/24/2014		(NONE)			4503BN (GEN)	522
5962R9664302VEC	C	07/24/2014		(NONE)			4503BN (GEN)	522
5962R9664302VXC	C	07/24/2014		(NONE)	12/10/2015		CD4503BN (GEN)	522
5962R9664401V9A	D	06/23/2010	1	RENESAS		Y	CD40107BHSR	544
5962R9664401VCC	D	06/23/2010	1	RENESAS		Y	CD40107BDMSR	544
5962R9664401VXC	D	06/23/2010	1	RENESAS		Y	CD40107BKMSR	544
5962R9664402V9A	D	06/23/2010		(NONE)			40107BN (GEN)	544
5962R9664402VCC	D	06/23/2010		(NONE)			40107BN (GEN)	544
5962R9664402VXC	D	06/23/2010		(NONE)			40107BN (GEN)	544
5962R9664501V9A	B	04/15/2005		(NONE)	09/23/2001		40109B (GEN)	545
5962R9664501VEC	B	04/15/2005		(NONE)	11/06/2007		40109B (GEN)	545
5962R9664501VXC	B	04/15/2005		(NONE)	11/06/2007		40109B (GEN)	545
5962R9664502V9A	B	04/15/2005		(NONE)			40109BN (GEN)	545
5962R9664502VEC	B	04/15/2005		(NONE)			40109BN (GEN)	545
5962R9664502VXC	B	04/15/2005		(NONE)	11/06/2007		40109BN (GEN)	545
5962R9664601V9A	D	06/23/2010	1	RENESAS		Y	CD4030BHSR	140
5962R9664601VCC	D	06/23/2010	1	RENESAS		Y	CD4030BDMSR	140
5962R9664601VXC	D	06/23/2010	1	RENESAS		Y	CD4030BKMSR	140

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962R9664602V9A	D	06/23/2010		(NONE)			4030BN (GEN)	140
5962R9664602VCC	D	06/23/2010		(NONE)			4030BN (GEN)	140
5962R9664602VXC	D	06/23/2010		(NONE)			4030BN (GEN)	140
5962R9664701V9A	B	08/08/1997		(NONE)			4031B (GEN)	234
5962R9664701VEC	B	08/08/1997		(NONE)			4031B (GEN)	234
5962R9664701VXC	B	08/08/1997		(NONE)			4031B (GEN)	234
5962R9664702V9A	B	08/08/1997		(NONE)			4031BN (GEN)	234
5962R9664702VEC	B	08/08/1997		(NONE)			4031BN (GEN)	234
5962R9664702VXC	B	08/08/1997		(NONE)			4031BN (GEN)	234
5962R9664801V9A	B	08/08/1997		(NONE)			4033B (GEN)	319
5962R9664801VEC	B	08/08/1997		(NONE)			4033B (GEN)	319
5962R9664801VXC	B	08/08/1997		(NONE)			4033B (GEN)	319
5962R9664901V9A	B	08/08/1997		(NONE)			4035B (GEN)	222
5962R9664901VEC	B	08/08/1997		(NONE)			4035B (GEN)	222
5962R9664901VXC	B	08/08/1997		(NONE)			4035B (GEN)	222
5962R9664902V9A	B	08/08/1997		(NONE)			4035BN (GEN)	222
5962R9664902VEC	B	08/08/1997		(NONE)			4035BN (GEN)	222
5962R9664902VXC	B	08/08/1997		(NONE)			4035BN (GEN)	222
5962R9665001V9A	B	08/08/1997		(NONE)			4048B (GEN)	149
5962R9665001VEC	B	08/08/1997		(NONE)			4048B (GEN)	149
5962R9665001VXC	B	08/08/1997		(NONE)			4048B (GEN)	149
5962R9665101V9A	D	11/08/2006		(NONE)	07/01/2011		4051B (GEN)	193
5962R9665101VEC	D	11/08/2006		(NONE)	07/01/2011		4051B (GEN)	193
5962R9665101VXC	D	11/08/2006		(NONE)	07/01/2011		4051B (GEN)	193
5962R9665102V9A	D	11/08/2006		(NONE)	12/30/2011		4052B (GEN)	192
5962R9665102VEC	D	11/08/2006		(NONE)	07/01/2015		4052B (GEN)	192
5962R9665102VXC	D	11/08/2006		(NONE)	12/30/2011		4052B (GEN)	192
5962R9665103V9A	D	11/08/2006		(NONE)	11/06/2007		4053B (GEN)	199
5962R9665103VEC	D	11/08/2006		(NONE)	11/06/2007		4053B (GEN)	199
5962R9665103VXC	D	11/08/2006		(NONE)	07/01/2015		4053B(GEN)	199
5962R9665104V9A	D	11/08/2006		(NONE)			4051BN (GEN)	193
5962R9665104VEC	D	11/08/2006		(NONE)			4051BN (GEN)	193
5962R9665104VXC	D	11/08/2006		(NONE)			4051BN (GEN)	193
5962R9665105V9A	D	11/08/2006		(NONE)			4052BN (GEN)	192
5962R9665105VEC	D	11/08/2006		(NONE)			4052BN (GEN)	192
5962R9665105VXC	D	11/08/2006		(NONE)			4052BN (GEN)	192
5962R9665106V9A	D	11/08/2006		(NONE)			4053BN (GEN)	199
5962R9665106VEC	D	11/08/2006		(NONE)			4053BN (GEN)	199
5962R9665106VXC	D	11/08/2006		(NONE)			4053BN (GEN)	199
5962R9665201V9A	C	07/01/2003		(NONE)	09/23/2001		4066B (GEN)	183
5962R9665201VCC	C	07/01/2003		(NONE)	05/07/2008		4066B (GEN)	183
5962R9665201VXC	C	07/01/2003		(NONE)	05/07/2008		4066B (GEN)	183
5962R9665202V9A	C	07/01/2003		(NONE)			4066BN (GEN)	183
5962R9665202VCC	C	07/01/2003		(NONE)			4066BN (GEN)	183
5962R9665202VXC	C	07/01/2003		(NONE)			4066BN (GEN)	183
5962R9665301V9A	D	07/27/2010	1	RENESAS		Y	CD4069UBHSR	143
5962R9665301VCC	D	07/27/2010	1	RENESAS		Y	CD4069UBDMSR	143
5962R9665301VXC	D	07/27/2010	1	RENESAS		Y	CD4069UBKMSR	143
5962R9665302V9A	D	07/27/2010		(NONE)			4069UBN (GEN)	143



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5962R9665302VCC	D	07/27/2010		(NONE)			4069UBN (GEN)	143
5962R9665302VXC	D	07/27/2010		(NONE)			4069UBN (GEN)	143
5962R9665401V9A	C	10/10/2003		(NONE)	12/10/2015		CD4071B (GEN)	125
5962R9665401VCC	C	10/10/2003		(NONE)	12/10/2015		CD4071B (GEN)	125
5962R9665401VXC	C	10/10/2003		(NONE)	12/10/2015		CD4071B (GEN)	125
5962R9665402V9A	C	10/10/2003		(NONE)			4071BN (GEN)	125
5962R9665402VCC	C	10/10/2003		(NONE)			4071BN (GEN)	125
5962R9665402VXC	C	10/10/2003		(NONE)			4071BN (GEN)	125
5962R9665403V9A	C	10/10/2003		(NONE)			4072B (GEN)	125
5962R9665403VCC	C	10/10/2003		(NONE)			4072B (GEN)	125
5962R9665403VXC	C	10/10/2003		(NONE)			4072B (GEN)	125
5962R9665404V9A	C	10/10/2003		(NONE)			4072BN (GEN)	125
5962R9665404VCC	C	10/10/2003		(NONE)			4072BN (GEN)	125
5962R9665404VXC	C	10/10/2003		(NONE)			4072BN (GEN)	125
5962R9665405V9A	C	10/10/2003		(NONE)			4075B (GEN)	125
5962R9665405VCC	C	10/10/2003		(NONE)			4075B (GEN)	125
5962R9665405VXC	C	10/10/2003		(NONE)			4075B (GEN)	125
5962R9665406V9A	C	10/10/2003		(NONE)			4075BN (GEN)	125
5962R9665406VCC	C	10/10/2003		(NONE)			4075BN (GEN)	125
5962R9665406VXC	C	10/10/2003		(NONE)			4075BN (GEN)	125
5962R9665501V9A	D	10/13/2010		(NONE)			4073B (GEN)	112
5962R9665501VCC	D	10/13/2010		(NONE)			4073B (GEN)	112
5962R9665501VXC	D	10/13/2010		(NONE)	04/10/2017		4073B (GEN)	112
5962R9665502V9A	D	10/13/2010	1	RENESAS		Y	CD4081BHSR	110
5962R9665502VCC	D	10/13/2010	1	RENESAS		Y	CD4081BDMSR	110
5962R9665502VXC	D	10/13/2010	1	RENESAS		Y	CD4081BKMSR	110
5962R9665503V9A	D	10/13/2010		(NONE)			4082B (GEN)	114
5962R9665503VCC	D	10/13/2010		(NONE)			4082B (GEN)	114
5962R9665503VXC	D	10/13/2010		(NONE)			4082B (GEN)	114
5962R9665504V9A	D	10/13/2010		(NONE)	12/10/2015		4073BN (GEN)	112
5962R9665504VCC	D	10/13/2010		(NONE)	12/10/2015		4073BN (GEN)	112
5962R9665504VXC	D	10/13/2010		(NONE)	12/10/2015		4073BN (GEN)	112
5962R9665505V9A	D	10/13/2010	1	RENESAS		Y	CD4081BHNSR	110
5962R9665505VCC	D	10/13/2010	1	RENESAS		Y	CD4081BDNSR	110
5962R9665505VXC	D	10/13/2010	1	RENESAS		Y	CD4081BKNSR	110
5962R9665506V9A	D	10/13/2010		(NONE)			4082BN (GEN)	114
5962R9665506VCC	D	10/13/2010		(NONE)			4082BN (GEN)	114
5962R9665506VXC	D	10/13/2010		(NONE)			4082BN (GEN)	114
5962R9665601V9A	D	10/13/2010	1	RENESAS		Y	CD4076BHSR	222
5962R9665601VEC	D	10/13/2010	1	RENESAS		Y	CD4076BDMSR	222
5962R9665601VXC	D	10/13/2010	1	RENESAS		Y	CD4076BKMSR	222
5962R9665602V9A	D	10/13/2010		(NONE)			4076BN (GEN)	222
5962R9665602VEC	D	10/13/2010		(NONE)			4076BN (GEN)	222
5962R9665602VXC	D	10/13/2010		(NONE)			4076BN (GEN)	222
5962R9665701V9A	A	12/15/1997		(NONE)			4510B (GEN)	302
5962R9665701VEC	A	12/15/1997		(NONE)			4510B (GEN)	302
5962R9665701VXC	A	12/15/1997		(NONE)			4510B (GEN)	302
5962R9665702V9A	A	12/15/1997		(NONE)			4516B (GEN)	301
5962R9665702VEC	A	12/15/1997		(NONE)			4516B (GEN)	301

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## SECTION 1, MICROCIRCUITS

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5962R9665702VXC	A	12/15/1997		(NONE)		4516B (GEN)		301
5962R9665703V9A	A	12/15/1997		(NONE)		4516BN (GEN)		301
5962R9665703VEC	A	12/15/1997		(NONE)		4516BN (GEN)		301
5962R9665703VXC	A	12/15/1997		(NONE)		4516BN (GEN)		301
5962-9665801Q2A	E	06/17/2015	1	LANSDALE		Y SL54LS14/B2A		143
5962-9665801Q2A	E	06/17/2015	2	TI		Y SNJ54LS14FK		143
5962-9665801Q2C	E	06/17/2015	1	LANSDALE		Y SL54LS14/B2C		143
5962-9665801QCA	E	06/17/2015	1	LANSDALE		Y SL54LS14/BCA		143
5962-9665801QCA	E	06/17/2015	2	TI		Y SNJ54LS14J		143
5962-9665801VCA	E	06/17/2015		(NONE)	11/28/2015	54LS14 (GEN)		143
5962-9665801QDA	E	06/17/2015	1	LANSDALE		Y SL54LS14/BDA		143
5962-9665801QDA	E	06/17/2015	2	TI		Y SNJ54LS14W		143
5962-9665801VDA	E	06/17/2015	2	TI		Y SNV54LS14W		143
5962-9665901HUA	C	07/18/2013	1C	INTER. RECT.2		Y AFL2808SW/CH		594
5962-9665901HUC	C	07/18/2013	1C	INTER. RECT.2		Y AFL2808SW/CH		594
5962-9665901HXA	C	07/18/2013	1C	INTER. RECT.2		Y AFL2808SX/CH		594
5962-9665901HXC	C	07/18/2013	1C	INTER. RECT.2		Y AFL2808SX/CH		594
5962-9665901HYA	C	07/18/2013	1C	INTER. RECT.2		Y AFL2808SY/CH		594
5962-9665901HYC	C	07/18/2013	1C	INTER. RECT.2		Y AFL2808SY/CH		594
5962-9665901HZA	C	07/18/2013	1C	INTER. RECT.2		Y AFL2808SZ/CH		594
5962-9665901HZC	C	07/18/2013	1C	INTER. RECT.2		Y AFL2808SZ/CH		594
5962F9666301V9A	M	04/15/2014	1	RENESAS		Y HS0-26C31RH-Q		569
5962D9666301QEA	M	04/15/2014		(NONE)		26C31 (GEN)		569
5962D9666301VEA	M	04/15/2014		(NONE)		26C31 (GEN)		569
5962F9666301QEC	M	04/15/2014	1	RENESAS		Y HS1-26C31RH-8		569
5962F9666301VEC	M	04/15/2014	1	RENESAS		Y HS1-26C31RH-Q		569
5962R9666301TEC	M	04/15/2014	1	RENESAS		Y HS1-26C31RH-T		569
5962D9666301QXA	M	04/15/2014		(NONE)		26C31 (GEN)		569
5962D9666301VXA	M	04/15/2014		(NONE)		26C31 (GEN)		569
5962F9666301QXC	M	04/15/2014	1	RENESAS		Y HS9-26C31RH-8		569
5962F9666301VXC	M	04/15/2014	1	RENESAS		Y HS9-26C31RH-Q		569
5962R9666301TXC	M	04/15/2014	1	RENESAS		Y HS9-26C31RH-T		569
5962F9666301VYC	M	04/15/2014	1	RENESAS		Y HS9G-26C31RH-Q		569
5962F9666302V9A	M	04/15/2014	1	RENESAS		Y HS0-26CLV31RH-Q		569
5962F9666302QEC	M	04/15/2014	1	RENESAS		Y HS1-26CLV31RH-8		569
5962F9666302VEC	M	04/15/2014	1	RENESAS		Y HS1-26CLV31RH-Q		569
5962R9666302TEC	M	04/15/2014	1	RENESAS		Y HS1-26CLV31RH-T		569
5962F9666302QXC	M	04/15/2014	1	RENESAS		Y HS9-26CLV31RH-8		569
5962F9666302VXC	M	04/15/2014	1	RENESAS		Y HS9-26CLV31RH-Q		569
5962R9666302TXC	M	04/15/2014	1	RENESAS		Y HS9-26CLV31RH-T		569
5962F9666302VYC	M	04/15/2014	1	RENESAS		Y HS9G-26CLV31RH-Q		569
5962F9666303V9A	M	04/15/2014	1	RENESAS		Y HS0-26C31EH-Q		569
5962F9666303VEC	M	04/15/2014	1	RENESAS		Y HS1-26C31EH-Q		569
5962F9666303VXC	M	04/15/2014	1	RENESAS		Y HS9-26C31EH-Q		569
5962F9666304V9A	M	04/15/2014	1	RENESAS		Y HS0-26CLV31EH-Q		569
5962F9666304VEC	M	04/15/2014	1	RENESAS		Y HS1-26CLV31EH-Q		569
5962F9666304VXC	M	04/15/2014	1	RENESAS		Y HS9-26CLV31EH-Q		569
5962F9666304VYC	M	04/15/2014	1	RENESAS		Y HS9G-26CLV31EH-Q		569
5962R9666401V9A	C	04/19/2000		(NONE)		4046B (GEN)		803

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## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962R9666401VEC	C	04/19/2000		(NONE)	11/25/2004		4046B (GEN)	803
5962R9666401VXC	C	04/19/2000		(NONE)			4046B (GEN)	803
5962R9666402V9A	C	04/19/2000		(NONE)			4046BN (GEN)	803
5962R9666402VEC	C	04/19/2000		(NONE)			4046BN (GEN)	803
5962R9666402VXC	C	04/19/2000		(NONE)			4046BN (GEN)	803
5962R9666501V9A	D	09/08/2005		(NONE)	02/11/2011		4504B (GEN)	549
5962R9666501TEC	D	09/08/2005		(NONE)			4504B (GEN)	549
5962R9666501VEC	D	09/08/2005		(NONE)			4504B (GEN)	549
5962R9666501TXC	D	09/08/2005		(NONE)			4504B (GEN)	549
5962R9666501VXC	D	09/08/2005		(NONE)			4504B (GEN)	549
5962R9666601V9A	B	04/21/2000		(NONE)			4511B (GEN)	291
5962R9666601VEC	B	04/21/2000		(NONE)			CD4511BDMSR	291
5962R9666601VXC	B	04/21/2000		(NONE)			CD4511BKMSR	291
5962R9666701V9A	B	04/26/2000		(NONE)			4512B (GEN)	272
5962R9666701VEC	B	04/26/2000		(NONE)	02/06/2007		CD4512B (GEN)	272
5962R9666701VXC	B	04/26/2000		(NONE)	02/06/2007		CD4512B (GEN)	272
5962R9666702V9A	B	04/26/2000		(NONE)			4512BN (GEN)	272
5962R9666702VEC	B	04/26/2000		(NONE)			CD4512BDNSR	272
5962R9666702VXC	B	04/26/2000		(NONE)			CD4512BKNSR	272
5962R9666801V9A	B	05/09/2000		(NONE)			4517B (GEN)	234
5962R9666801VEC	B	05/09/2000		(NONE)			4517B (GEN)	234
5962R9666801VXC	B	05/09/2000		(NONE)			4517B (GEN)	234
5962R9666901V9A	B	05/09/2000		(NONE)			4518B (GEN)	301
5962R9666901VEC	B	05/09/2000		(NONE)			4518B (GEN)	301
5962R9666901VXC	B	05/09/2000		(NONE)			4518B (GEN)	301
5962R9666902V9A	B	05/09/2000		(NONE)	01/26/2013		4520B (GEN)	304
5962R9666902VEC	B	05/09/2000		(NONE)			4520B (GEN)	304
5962R9666902VXC	B	05/09/2000		(NONE)			4520B (GEN)	304
5962R9666903V9A	B	05/09/2000		(NONE)			4520BN (GEN)	304
5962R9666903VEC	B	05/09/2000		(NONE)			4520BN (GEN)	304
5962R9666903VXC	B	05/09/2000		(NONE)			4520BN (GEN)	304
5962R9667001V9A	B	05/10/2000		(NONE)			4527B (GEN)	208
5962R9667001VEC	B	05/10/2000		(NONE)			4527B (GEN)	208
5962R9667001VXC	B	05/10/2000		(NONE)			4527B (GEN)	208
5962R9667101V9A	B	05/23/2000		(NONE)			4532B (GEN)	345
5962R9667101VEC	B	05/23/2000		(NONE)			4532B (GEN)	345
5962R9667101VXC	B	05/23/2000		(NONE)			4532B (GEN)	345
5962R9667102V9A	B	05/23/2000		(NONE)			4532BN (GEN)	345
5962R9667102VEC	B	05/23/2000		(NONE)			4532BN (GEN)	345
5962R9667102VXC	B	05/23/2000		(NONE)			4532BN (GEN)	345
5962R9667201V9A	B	05/25/2000		(NONE)			4536B (GEN)	424
5962R9667201VEC	B	05/25/2000		(NONE)			4536B (GEN)	424
5962R9667201VXC	B	05/25/2000		(NONE)			4536B (GEN)	424
5962R9667301V9A	E	05/26/2016		(NONE)			4555B (GEN)	283
5962R9667301VEC	E	05/26/2016	1	RENESAS		Y	CD4555BDMSR	283
5962R9667301VXC	E	05/26/2016	1	RENESAS		Y	CD4555BKMSR	283
5962R9667302V9A	E	05/26/2016		(NONE)	12/28/2003		4556B (GEN)	283
5962R9667302VEC	E	05/26/2016		(NONE)			4556B (GEN)	283
5962R9667302VXC	E	05/26/2016		(NONE)			4556B (GEN)	283

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## SECTION 1, MICROCIRCUITS

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5962R9667303V9A	E	05/26/2016		(NONE)			4555BN (GEN)	283
5962R9667303VEC	E	05/26/2016		(NONE)			4555BN (GEN)	283
5962R9667303VXC	E	05/26/2016		(NONE)			4555BN (GEN)	283
5962R9667304VEC	E	05/26/2016		(NONE)			4556BN (GEN)	283
5962R9667304VXC	E	05/26/2016		(NONE)			4556BN (GEN)	283
5962R9667401V9A	C	05/25/2000		(NONE)			4585B (GEN)	209
5962R9667401VEC	C	05/25/2000		(NONE)	02/06/2007		4585B (GEN)	209
5962R9667401VXC	C	05/25/2000		(NONE)	05/05/2007		4585B (GEN)	209
5962R9667501V9A	B	05/25/2000		(NONE)			4724B (GEN)	341
5962R9667501VEC	B	05/25/2000		(NONE)			4724B (GEN)	341
5962R9667501VXC	B	05/25/2000		(NONE)			4724B (GEN)	341
5962R9667601V9A	C	05/31/2000		(NONE)			40160B (GEN)	301
5962R9667601VEC	C	05/31/2000		(NONE)			40160B (GEN)	301
5962R9667601VXC	C	05/31/2000		(NONE)			40160B (GEN)	301
5962R9667602V9A	C	05/31/2000		(NONE)			40161B (GEN)	304
5962R9667602VEC	C	05/31/2000		(NONE)			40161B (GEN)	304
5962R9667602VXC	C	05/31/2000		(NONE)			40161B (GEN)	304
5962R9667603V9A	C	05/31/2000		(NONE)			40162B (GEN)	301
5962R9667603VEC	C	05/31/2000		(NONE)			40162B (GEN)	301
5962R9667603VXC	C	05/31/2000		(NONE)			40162B (GEN)	301
5962R9667604V9A	C	05/31/2000		(NONE)			40163B (GEN)	304
5962R9667604VEC	C	05/31/2000		(NONE)			40163B (GEN)	304
5962R9667604VXC	C	05/31/2000		(NONE)			40163B (GEN)	304
5962R9667605V9A	C	05/31/2000		(NONE)			40161B (GEN)	304
5962R9667605VEC	C	05/31/2000		(NONE)			40161B (GEN)	304
5962R9667605VXC	C	05/31/2000		(NONE)			40161B (GEN)	304
5962R9667701V9A	B	05/31/2000		(NONE)			40257B (GEN)	276
5962R9667701VEC	B	05/31/2000		(NONE)			40257B (GEN)	276
5962R9667701VXC	B	05/31/2000		(NONE)			40257B (GEN)	276
5962R9667702V9A	B	05/31/2000		(NONE)			40257BN (GEN)	276
5962R9667702VEC	B	05/31/2000		(NONE)			40257BN (GEN)	276
5962R9667702VXC	B	05/31/2000		(NONE)			40257BN (GEN)	276
5962R9667801V9A	C	06/02/2000		(NONE)			4034B (GEN)	249
5962R9667801VJC	C	06/02/2000		(NONE)			4034B (GEN)	249
5962R9667801VXC	C	06/02/2000		(NONE)			4034B (GEN)	249
5962R9667802VJA	C	06/02/2000		(NONE)			4034BN (GEN)	249
5962R9667802VXA	C	06/02/2000		(NONE)			4034BN (GEN)	249
5962R9667901V9A	C	06/02/2000		(NONE)			4067B (GEN)	195
5962R9667901VLC	C	06/02/2000		(NONE)			4067B (GEN)	195
5962R9667901VXC	C	06/02/2000		(NONE)			4067B (GEN)	195
5962R9667902V9A	C	06/02/2000		(NONE)			4097B (GEN)	194
5962R9667902VLC	C	06/02/2000		(NONE)			4097B (GEN)	194
5962R9667902VXC	C	06/02/2000		(NONE)			4097B (GEN)	194
5962R9668001V9A	C	06/05/2000		(NONE)			4508B (GEN)	340
5962R9668001VLC	C	06/05/2000		(NONE)			4508B (GEN)	340
5962R9668001VXC	C	06/05/2000		(NONE)			4508B (GEN)	340
5962R9668002V9A	C	06/05/2000		(NONE)			4508BN (GEN)	340
5962R9668002VLC	C	06/05/2000		(NONE)			4508BN (GEN)	340
5962R9668002VXC	C	06/05/2000		(NONE)			4508BN (GEN)	340

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5962R9668101V9A	C	04/13/2004		(NONE)			4514B (GEN)	340
5962R9668101VJC	C	04/13/2004		(NONE)	09/16/2008		4514B (GEN)	340
5962R9668101VXC	C	04/13/2004		(NONE)			4514B (GEN)	340
5962R9668102V9A	C	04/13/2004		(NONE)			4515B (GEN)	280
5962R9668102VJC	C	04/13/2004		(NONE)			4515B (GEN)	280
5962R9668102VXC	C	04/13/2004		(NONE)			4515B (GEN)	280
5962R9668103V9A	C	04/13/2004		(NONE)			4014BN (GEN)	340
5962R9668103VJC	C	04/13/2004		(NONE)			4514BN (GEN)	340
5962R9668103VXC	C	04/13/2004		(NONE)			4514BN (GEN)	340
5962R9668104V9A	C	04/13/2004		(NONE)			4015BN (GEN)	280
5962R9668104VJC	C	04/13/2004		(NONE)			4515BN (GEN)	280
5962R9668104VXC	C	04/13/2004		(NONE)			4515BN (GEN)	280
5962R9668201V9A	C	06/06/2000		(NONE)			40108B (GEN)	249
5962R9668201VJC	C	06/06/2000		(NONE)			40108B (GEN)	249
5962R9668201VXC	C	06/06/2000		(NONE)			40108B (GEN)	249
5962R9668301VJC		01/04/1996		(NONE)			40181B (GEN)	205
5962R9668301VXC		01/04/1996		(NONE)			40181B (GEN)	205
5962R9668401V9A	B	06/06/2000		(NONE)			40208B (GEN)	249
5962R9668401VLC	B	06/06/2000		(NONE)			CD40208B (GEN)	249
5962R9668401VXC	B	06/06/2000		(NONE)			CD40208B (GEN)	249
5962-9668501QXA	E	11/25/2015	2	TI		Y	SNJ54LVTH16244AWD	529
5962-9668501VXA	E	11/25/2015	2	TI		Y	SNV54LVTH16244AWD	529
5962-9668601QXA	E	11/25/2015	3	TI		Y	SNJ54LVTH16245AWD	590
5962-9668601VXA	E	11/25/2015	3	TI		Y	SNV54LVTH16245AWD	590
5962-9668701HXC	C	11/01/2012	1	ANAREN		Y	MSK1120B	899
5962-9668801QKA	C	02/26/2014	2	TI	09/26/2018	Y	SNJ54CBT3383W	399
5962-9668801QLA	C	02/26/2014	2	TI	09/26/2018	Y	SNJ54CBT3383JT	399
5962-9668901HXA	C	04/05/2018	1	MERCURY		Y	WE128K16-300CQA	661
5962-9668901HXC	C	04/05/2018	1	MERCURY		Y	WE128K16-300CQ	661
5962-9668902HXA	C	04/05/2018	1	MERCURY		Y	WE128K16-250CQA	661
5962-9668902HXC	C	04/05/2018	1	MERCURY		Y	WE128K16-250CQ	661
5962-9668903HXA	C	04/05/2018	1	MERCURY		Y	WE128K16-200CQA	661
5962-9668903HXC	C	04/05/2018	1	MERCURY		Y	WE128K16-200CQ	661
5962-9668904HXA	C	04/05/2018	1	MERCURY		Y	WE128K16-150CQA	661
5962-9668904HXC	C	04/05/2018	1	MERCURY		Y	WE128K16-150CQ	661
5962-9669001HTA	K	07/13/2011		(NONE)			128K8-150 (GEN)	669
5962-9669001HUA	K	07/13/2011		(NONE)			128K8-150 (GEN)	669
5962-9669001HXA	K	07/13/2011		(NONE)	03/15/2013		128K8-150 (GEN)	669
5962-9669001HYA	K	07/13/2011		(NONE)			128K8-150 (GEN)	669
5962-9669002HTA	K	07/13/2011		(NONE)			128K8-120 (GEN)	669
5962-9669002HUA	K	07/13/2011		(NONE)			128K8-120 (GEN)	669
5962-9669002HXA	K	07/13/2011		(NONE)	03/15/2013		128K8-120 (GEN)	669
5962-9669002HYA	K	07/13/2011		(NONE)			128K8-120 (GEN)	669
5962-9669003HTA	K	07/13/2011	2	MERCURY		Y	WMF128K8-90FEQ5	669
5962-9669003HTC	K	07/13/2011	2	MERCURY		Y	WMF128K8-90FEQ5	669
5962-9669003HUA	K	07/13/2011	2	MERCURY		Y	WMF128K8-90FFQ5	669
5962-9669003HUC	K	07/13/2011	2	MERCURY		Y	WMF128K8-90FFQ5	669
5962-9669003HXA	K	07/13/2011	2	MERCURY		Y	WMF128K8-90DEQ5	669
5962-9669003HXC	K	07/13/2011	2	MERCURY		Y	WMF128K8-90DEQ5	669



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5962-9669003HYA	K	07/13/2011	2	MERCURY		Y	WMF128K8-90CQ5	669
5962-9669003HYC	K	07/13/2011	2	MERCURY		Y	WMF128K8-90CQ5	669
5962-9669004HTA	K	07/13/2011	2	MERCURY		Y	WMF128K8-70FEQ5	669
5962-9669004HTC	K	07/13/2011	2	MERCURY		Y	WMF128K8-70FEQ5	669
5962-9669004HUA	K	07/13/2011	2	MERCURY		Y	WMF128K8-70FFQ5	669
5962-9669004HUC	K	07/13/2011	2	MERCURY		Y	WMF128K8-70FFQ5	669
5962-9669004HXA	K	07/13/2011	2	MERCURY		Y	WMF128K8-70DEQ5	669
5962-9669004HXC	K	07/13/2011	2	MERCURY		Y	WMF128K8-70DEQ5	669
5962-9669004HYA	K	07/13/2011	2	MERCURY		Y	WMF128K8-70CQ5	669
5962-9669004HYC	K	07/13/2011	2	MERCURY		Y	WMF128K8-70CQ5	669
5962-9669005HTA	K	07/13/2011	2	MERCURY		Y	WMF128K8-60FEQ5	669
5962-9669005HTC	K	07/13/2011	2	MERCURY		Y	WMF128K8-60FEQ5	669
5962-9669005HUA	K	07/13/2011	2	MERCURY		Y	WMF128K8-60FFQ5	669
5962-9669005HUC	K	07/13/2011	2	MERCURY		Y	WMF128K8-60FFQ5	669
5962-9669005HXA	K	07/13/2011	2	MERCURY		Y	WMF128K8-60DEQ5	669
5962-9669005HXC	K	07/13/2011	2	MERCURY		Y	WMF128K8-60DEQ5	669
5962-9669005HYA	K	07/13/2011	2	MERCURY		Y	WMF128K8-60CQ5	669
5962-9669005HYC	K	07/13/2011	2	MERCURY		Y	WMF128K8-60CQ5	669
5962-9669101HNA	F	04/05/2018	1	MERCURY		Y	WMS128K8-120FE	629
5962-9669101HNC	F	04/05/2018	1	MERCURY		Y	WMS128K8-120FE	629
5962-9669101HTA	F	04/05/2018	1	MERCURY		Y	WMS128K8-120DE	629
5962-9669101HTC	F	04/05/2018	1	MERCURY		Y	WMS128K8-120DE	629
5962-9669101HUA	F	04/05/2018	1	MERCURY		Y	WMS128K8-120DR	629
5962-9669101HUC	F	04/05/2018	1	MERCURY		Y	WMS128K8-120DR	629
5962-9669101HYA	F	04/05/2018	1	MERCURY		Y	WMS128K8-120C	629
5962-9669101HYC	F	04/05/2018	1	MERCURY		Y	WMS128K8-120C	629
5962-9669102HNA	F	04/05/2018	1	MERCURY		Y	WMS128K8-100FE	629
5962-9669102HNC	F	04/05/2018	1	MERCURY		Y	WMS128K8-100FE	629
5962-9669102HTA	F	04/05/2018	1	MERCURY		Y	WMS128K8-100DE	629
5962-9669102HTC	F	04/05/2018	1	MERCURY		Y	WMS128K8-100DE	629
5962-9669102HUA	F	04/05/2018	1	MERCURY		Y	WMS128K8-100DR	629
5962-9669102HUC	F	04/05/2018	1	MERCURY		Y	WMS128K8-100DR	629
5962-9669102HYA	F	04/05/2018	1	MERCURY		Y	WMS128K8-100C	629
5962-9669102HYC	F	04/05/2018	1	MERCURY		Y	WMS128K8-100C	629
5962-9669103HNA	F	04/05/2018	1	MERCURY		Y	WMS128K8-85FE	629
5962-9669103HNC	F	04/05/2018	1	MERCURY		Y	WMS128K8-85FE	629
5962-9669103HTA	F	04/05/2018	1	MERCURY		Y	WMS128K8-85DE	629
5962-9669103HTC	F	04/05/2018	1	MERCURY		Y	WMS128K8-85DE	629
5962-9669103HUA	F	04/05/2018	1	MERCURY		Y	WMS128K8-85DR	629
5962-9669103HUC	F	04/05/2018	1	MERCURY		Y	WMS128K8-85DR	629
5962-9669103HYA	F	04/05/2018	1	MERCURY		Y	WMS128K8-85C	629
5962-9669103HYC	F	04/05/2018	1	MERCURY		Y	WMS128K8-85C	629
5962-9669104HNA	F	04/05/2018	1	MERCURY		Y	WMS128K8-70FE	629
5962-9669104HNC	F	04/05/2018	1	MERCURY		Y	WMS128K8-70FE	629
5962-9669104HTA	F	04/05/2018	1	MERCURY		Y	WMS128K8-70DE	629
5962-9669104HTC	F	04/05/2018	1	MERCURY		Y	WMS128K8-70DE	629
5962-9669104HUA	F	04/05/2018	1	MERCURY		Y	WMS128K8-70DR	629
5962-9669104HUC	F	04/05/2018	1	MERCURY		Y	WMS128K8-70DR	629
5962-9669104HYA	F	04/05/2018	1	MERCURY		Y	WMS128K8-70C	629

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5962-9669104HYC	F	04/05/2018	1	MERCURY		Y WMS128K8-70C		629
5962-9669105HTA	F	04/05/2018	1	MERCURY		Y WMS128K8-55DE		629
5962-9669105HTC	F	04/05/2018	1	MERCURY		Y WMS128K8-55DE		629
5962-9669105HUA	F	04/05/2018	1	MERCURY		Y WMS128K8-55DR		629
5962-9669105HUC	F	04/05/2018	1	MERCURY		Y WMS128K8-55DR		629
5962-9669105HXC	F	04/05/2018	1	MERCURY		Y WMS128K8-55F		629
5962-9669105HYA	F	04/05/2018	1	MERCURY		Y WMS128K8-55C		629
5962-9669105HYC	F	04/05/2018	1	MERCURY		Y WMS128K8-55C		629
5962-9669105HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-55DJ		629
5962-9669105HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-55DJ		629
5962-9669105HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-55DJ		629
5962-9669105HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-55DJ		629
5962-9669106HTA	F	04/05/2018	1	MERCURY		Y WMS128K8-45DE		629
5962-9669106HTC	F	04/05/2018	1	MERCURY		Y WMS128K8-45DE		629
5962-9669106HUA	F	04/05/2018	1	MERCURY		Y WMS128K8-45DR		629
5962-9669106HUC	F	04/05/2018	1	MERCURY		Y WMS128K8-45DR		629
5962-9669106HXC	F	04/05/2018	1	MERCURY		Y WMS128K8-45F		629
5962-9669106HYA	F	04/05/2018	1	MERCURY		Y WMS128K8-45C		629
5962-9669106HYC	F	04/05/2018	1	MERCURY		Y WMS128K8-45C		629
5962-9669106HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-45DJ		629
5962-9669106HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-45DJ		629
5962-9669106HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-45DJ		629
5962-9669106HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-45DJ		629
5962-9669107HTA	F	04/05/2018	1	MERCURY		Y WMS128K8-35DE		629
5962-9669107HTC	F	04/05/2018	1	MERCURY		Y WMS128K8-35DE		629
5962-9669107HUA	F	04/05/2018	1	MERCURY		Y WMS128K8-35DR		629
5962-9669107HUC	F	04/05/2018	1	MERCURY		Y WMS128K8-35DR		629
5962-9669107HXC	F	04/05/2018	1	MERCURY		Y WMS128K8-35F		629
5962-9669107HYA	F	04/05/2018	1	MERCURY		Y WMS128K8-35C		629
5962-9669107HYC	F	04/05/2018	1	MERCURY		Y WMS128K8-35C		629
5962-9669107HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-35DJ		629
5962-9669107HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-35DJ		629
5962-9669107HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-35DJ		629
5962-9669107HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-35DJ		629
5962-9669108HTA	F	04/05/2018	1	MERCURY		Y WMS128K8-25DE		629
5962-9669108HTC	F	04/05/2018	1	MERCURY		Y WMS128K8-25DE		629
5962-9669108HUA	F	04/05/2018	1	MERCURY		Y WMS128K8-25DR		629
5962-9669108HUC	F	04/05/2018	1	MERCURY		Y WMS128K8-25DR		629
5962-9669108HXC	F	04/05/2018	1	MERCURY		Y WMS128K8-25F		629
5962-9669108HYA	F	04/05/2018	1	MERCURY		Y WMS128K8-25C		629
5962-9669108HYC	F	04/05/2018	1	MERCURY		Y WMS128K8-25C		629
5962-9669108HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-25DJ		629
5962-9669108HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-25DJ		629
5962-9669108HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-25DJ		629
5962-9669108HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-25DJ		629
5962-9669109HTA	F	04/05/2018	1	MERCURY		Y WMS128K8-20DE		629
5962-9669109HTC	F	04/05/2018	1	MERCURY		Y WMS128K8-20DE		629
5962-9669109HUA	F	04/05/2018	1	MERCURY		Y WMS128K8-20DR		629
5962-9669109HUC	F	04/05/2018	1	MERCURY		Y WMS128K8-20DR		629
5962-9669109HXC	F	04/05/2018	1	MERCURY		Y WMS128K8-20F		629
5962-9669109HYA	F	04/05/2018	1	MERCURY		Y WMS128K8-20C		629
5962-9669109HYC	F	04/05/2018	1	MERCURY		Y WMS128K8-20C		629
5962-9669109HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-20DJ		629
5962-9669109HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-20DJ		629
5962-9669109HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-20DJ		629
5962-9669109HZA	F	04/05/2018	1	MERCURY		Y WMS128K8-20DJ		629
5962-9669110HTA	F	04/05/2018	1	MERCURY		Y WMS128K8-17DE		629
5962-9669110HTC	F	04/05/2018	1	MERCURY		Y WMS128K8-17DE		629
5962-9669110HUA	F	04/05/2018	1	MERCURY		Y WMS128K8-17DR		629

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5962-9669110HUC	F	04/05/2018	1	MERCURY		Y	WMS128K8-17DR	629
5962-9669110HXC	F	04/05/2018	1	MERCURY		Y	WMS128K8-17F	629
5962-9669110HYA	F	04/05/2018	1	MERCURY		Y	WMS128K8-17C	629
5962-9669110HYC	F	04/05/2018	1	MERCURY		Y	WMS128K8-17C	629
5962-9669110HZA	F	04/05/2018	1	MERCURY		Y	WMS128K8-17DJ	629
5962-9669110HZA	F	04/05/2018	1	MERCURY		Y	WMS128K8-17DJ	629
5962-9669111HTA	F	04/05/2018	1	MERCURY		Y	WMS128K8-15DE	629
5962-9669111HTC	F	04/05/2018	1	MERCURY		Y	WMS128K8-15DE	629
5962-9669111HUA	F	04/05/2018	1	MERCURY		Y	WMS128K8-15DR	629
5962-9669111HUC	F	04/05/2018	1	MERCURY		Y	WMS128K8-15DR	629
5962-9669111HXC	F	04/05/2018	1	MERCURY		Y	WMS128K8-15F	629
5962-9669111HYA	F	04/05/2018	1	MERCURY		Y	WMS128K8-15C	629
5962-9669111HYC	F	04/05/2018	1	MERCURY		Y	WMS128K8-15C	629
5962-9669111HZA	F	04/05/2018	1	MERCURY		Y	WMS128K8-15DJ	629
5962-9669111HZA	F	04/05/2018	1	MERCURY		Y	WMS128K8-15DJ	629
5962-9669112HTA	F	04/05/2018		(NONE)			128K8-55 (GEN)	629
5962-9669112HXA	F	04/05/2018		(NONE)			128K8-55 (GEN)	629
5962-9669112HYA	F	04/05/2018		(NONE)			128K8-55 (GEN)	629
5962-9669112HZA	F	04/05/2018		(NONE)			128K8-55 (GEN)	629
5962-9669113HTA	F	04/05/2018		(NONE)			128K8-45 (GEN)	629
5962-9669113HXA	F	04/05/2018		(NONE)			128K8-45 (GEN)	629
5962-9669113HYA	F	04/05/2018		(NONE)			128K8-45 (GEN)	629
5962-9669113HZA	F	04/05/2018		(NONE)			128K8-45 (GEN)	629
5962-9669114HTA	F	04/05/2018		(NONE)			128K8-35 (GEN)	629
5962-9669114HXA	F	04/05/2018		(NONE)			128K8-35 (GEN)	629
5962-9669114HYA	F	04/05/2018		(NONE)			128K8-35 (GEN)	629
5962-9669114HZA	F	04/05/2018		(NONE)			128K8-35 (GEN)	629
5962-9669115HTA	F	04/05/2018		(NONE)			128K8-25 (GEN)	629
5962-9669115HXA	F	04/05/2018		(NONE)			128K8-25 (GEN)	629
5962-9669115HYA	F	04/05/2018		(NONE)			128K8-25 (GEN)	629
5962-9669115HZA	F	04/05/2018		(NONE)			128K8-25 (GEN)	629
5962-9669116HTA	F	04/05/2018		(NONE)			128K8-20 (GEN)	629
5962-9669116HXA	F	04/05/2018		(NONE)			128K8-20 (GEN)	629
5962-9669116HYA	F	04/05/2018		(NONE)			128K8-20 (GEN)	629
5962-9669116HZA	F	04/05/2018		(NONE)			128K8-20 (GEN)	629
5962-9669117HTA	F	04/05/2018		(NONE)			128K8-17 (GEN)	629
5962-9669117HXA	F	04/05/2018		(NONE)			128K8-17 (GEN)	629
5962-9669117HYA	F	04/05/2018		(NONE)			128K8-17 (GEN)	629
5962-9669117HZA	F	04/05/2018		(NONE)			128K8-17 (GEN)	629
5962-9669201HTA	H	08/24/2011		(NONE)			512K8-150 (GEN)	669
5962-9669201HUA	H	08/24/2011		(NONE)			512K8-150 (GEN)	669
5962-9669201HXA	H	08/24/2011		(NONE)			512K8-150 (GEN)	669
5962-9669201HYA	H	08/24/2011		(NONE)	03/15/2013		512K8-150 (GEN)	669
5962-9669201HZA	H	08/24/2011		(NONE)			512K8-150 (GEN)	669
5962-9669202HTA	H	08/24/2011		(NONE)			512K8-120 (GEN)	669
5962-9669202HUA	H	08/24/2011		(NONE)			512K8-120 (GEN)	669
5962-9669202HXA	H	08/24/2011		(NONE)			512K8-120 (GEN)	669
5962-9669202HYA	H	08/24/2011		(NONE)	03/15/2013		512K8-120 (GEN)	669
5962-9669202HZA	H	08/24/2011		(NONE)			512K8-120 (GEN)	669

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5962-9669203HTA	H	08/24/2011		(NONE)			512K8-90 (GEN)	669
5962-9669203HUA	H	08/24/2011		(NONE)			512K8-90 (GEN)	669
5962-9669203HXA	H	08/24/2011		(NONE)			512K8-90 (GEN)	669
5962-9669203HYA	H	08/24/2011		(NONE)	03/15/2013		512K8-90 (GEN)	669
5962-9669203HZA	H	08/24/2011		(NONE)			512K8-90 (GEN)	669
5962-9669204HTA	H	08/24/2011		(NONE)			512K8-70 (GEN)	669
5962-9669204HUA	H	08/24/2011		(NONE)			512K8-70 (GEN)	669
5962-9669204HXA	H	08/24/2011		(NONE)			512K8-70 (GEN)	669
5962-9669204HYA	H	08/24/2011		(NONE)	03/15/2013		512K8-70 (GEN)	669
5962-9669204HZA	H	08/24/2011		(NONE)			512K8-70 (GEN)	669
5962-9669205HTA	H	08/24/2011		(NONE)	03/15/2013		512K8-60 (GEN)	669
5962-9669205HUA	H	08/24/2011		(NONE)	03/15/2013		512K8-60 (GEN)	669
5962-9669205HXA	H	08/24/2011		(NONE)	03/15/2013		512K8-60 (GEN)	669
5962-9669205HYA	H	08/24/2011		(NONE)	03/15/2013		512K8-60 (GEN)	669
5962-9669205HZA	H	08/24/2011		(NONE)			512K8-60 (GEN)	669
5962-9669206HTA	H	08/24/2011		(NONE)			512K8-55 (GEN)	669
5962-9669206HUA	H	08/24/2011		(NONE)			512K8-55 (GEN)	669
5962-9669206HXA	H	08/24/2011		(NONE)			512K8-55 (GEN)	669
5962-9669206HZA	H	08/24/2011		(NONE)			512K8-55 (GEN)	669
5962-9669401QVC	B	04/12/2013		(NONE)			5104 (GEN)	612
5962D9669401VVC	B	04/12/2013		(NONE)			5104 (GEN)	612
5962-9669401QXC	B	04/12/2013		(NONE)	06/27/1999		5104 (GEN)	612
5962D9669401VXC	B	04/12/2013		(NONE)	06/27/1999		5104 (GEN)	612
5962-9669501QVC	B	04/18/2013		(NONE)	06/27/1999		5114 (GEN)	612
5962D9669501VVC	B	04/18/2013		(NONE)	06/27/1999		5114 (GEN)	612
5962-9669501QXC	B	04/18/2013		(NONE)	06/27/1999		5114 (GEN)	612
5962D9669501VXC	B	04/18/2013		(NONE)	06/27/1999		5114 (GEN)	612
5962F9669601V9A	E	05/04/2017	1	RENESAS		Y	HS0-9008RH-Q	592
5962F9669601QXC	E	05/04/2017		(NONE)			HS-9008 (GEN)	592
5962F9669601VXC	E	05/04/2017		(NONE)			HS-9008 (GEN)	592
5962F9669601QYC	E	05/04/2017		(NONE)			HS-9008 (GEN)	592
5962F9669601VYC	E	05/04/2017		(NONE)			HS-9008 (GEN)	592
5962-9669701QXA	B	01/28/2015	2	TI	09/26/2018	Y	SNJ54CBT16209WD	399
5962-9669801QXA	B	06/25/2015	1	TI	09/26/2018	Y	SNJ54ABTH18646AHV	590
5962-9669901MEA	C	03/13/2017	1	MICROSEMI (1)		Y	SG1731J/883B	787
5962-9670001MPA	B	01/26/2010		(NONE)	03/30/2001		LT1193 (GEN)	760
5962R9670101V9A	C	06/06/2000		(NONE)			4016B (GEN)	199
5962R9670101VCC	C	06/06/2000		(NONE)			4016B (GEN)	199
5962R9670101VXC	C	06/06/2000		(NONE)			4016B (GEN)	199
5962R9670201V9A	B	06/06/2000		(NONE)			14538B (GEN)	166
5962R9670201VEC	B	06/06/2000		(NONE)	11/06/2007		14538B (GEN)	166
5962R9670201VXC	B	06/06/2000		(NONE)	11/06/2007		14538B (GEN)	166
5962F9670301V9A	E	10/21/2010	1	RENESAS		Y	ACS03HMSR	101
5962F9670301VCC	E	10/21/2010	1	RENESAS		Y	ACS03DMSR	101
5962F9670301VXC	E	10/21/2010	1	RENESAS		Y	ACS03KMSR	101
5962F9670302V9A	E	10/21/2010		(NONE)			ACS03-02 (GEN)	101
5962F9670302VCC	E	10/21/2010		(NONE)			ACS03-02 (GEN)	101
5962F9670302VXC	E	10/21/2010		(NONE)			ACS03-02 (GEN)	101
5962F9670401VEC	C	06/07/2000		(NONE)			ACS112 (GEN)	156

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5962F9670401VXC	C	06/07/2000		(NONE)		ACS112 (GEN)		156
5962F9670402V9A	C	06/07/2000		(NONE)		ACS112 (GEN)		156
5962F9670402VEC	C	06/07/2000		(NONE)		ACS112 (GEN)		156
5962F9670402VFC	C	06/07/2000		(NONE)		ACS112 (GEN)		156
5962F9670501VCC	C	06/13/2000		(NONE)		ACS125 (GEN)		520
5962F9670501VXC	C	06/13/2000		(NONE)		ACS125 (GEN)		520
5962F9670502V9A	C	06/13/2000		(NONE)		ACS125 (GEN)		520
5962F9670502VCC	C	06/13/2000		(NONE)		ACS125 (GEN)		520
5962F9670502VXC	C	06/13/2000		(NONE)		ACS125 (GEN)		520
5962F9670601V9A	C	06/14/2000		(NONE)		ACS161 (GEN)		304
5962F9670601VEC	C	06/14/2000		(NONE)		ACS161 (GEN)		304
5962F9670601VXC	C	06/14/2000		(NONE)		ACS161 (GEN)		304
5962F9670602V9A	C	06/14/2000		(NONE)		ACS161-02 (GEN)		304
5962F9670602VEC	C	06/14/2000		(NONE)		ACS161-02 (GEN)		304
5962F9670602VXC	C	06/14/2000		(NONE)		ACS161-02 (GEN)		304
5962F9670701VRC	B	06/14/2000		(NONE)		ACS245 (GEN)		590
5962F9670701VXC	B	06/14/2000		(NONE)		ACS245 (GEN)		590
5962F9670702VRC	B	06/14/2000		(NONE)		ACS245A (GEN)		590
5962F9670702VXC	B	06/14/2000		(NONE)		ACS245A (GEN)		590
5962F9670703VRC	B	06/14/2000		(NONE)		ACS245-02 (GEN)		590
5962F9670703VXC	B	06/14/2000		(NONE)		ACS245-02 (GEN)		590
5962F9670704VRC	B	06/14/2000		(NONE)		ACS245A (GEN)		590
5962F9670704VXC	B	06/14/2000		(NONE)		ACS245A (GEN)		590
5962F9670801VCC	C	06/14/2000		(NONE)		ACS280 (GEN)		210
5962F9670801VXC	C	06/14/2000		(NONE)		ACS280 (GEN)		210
5962F9670802V9A	C	06/14/2000		(NONE)		ACS280 (GEN)		210
5962F9670802VCC	C	06/14/2000		(NONE)		ACS280 (GEN)		210
5962F9670802VXC	C	06/14/2000		(NONE)		ACS280 (GEN)		210
5962F9670901V9A	C	06/15/2000		(NONE)		ACS521 (GEN)		209
5962F9670901VRC	C	06/15/2000		(NONE)		ACS521 (GEN)		209
5962F9670901VXC	C	06/15/2000		(NONE)		ACS521 (GEN)		209
5962F9670902V9A	C	06/15/2000		(NONE)		ACS521-02 (GEN)		209
5962F9670902VRC	C	06/15/2000		(NONE)		ACS521-02 (GEN)		209
5962F9670902VXC	C	06/15/2000		(NONE)		ACS521-02 (GEN)		209
5962F9671001VRC	D	09/14/2007		(NONE)		ACS541 (GEN)		529
5962F9671001VXC	D	09/14/2007		(NONE)		ACS541 (GEN)		529
5962F9671002V9A	D	09/14/2007	1	RENESAS		Y ACS541HMSR-02		529
5962F9671002VRC	D	09/14/2007		(NONE)		ACS541 (GEN)		529
5962F9671002VXC	D	09/14/2007	1	RENESAS		Y ACS541KMSR-02		529
5962F9671101V9A	C	06/21/2000		(NONE)		ACS630 (GEN)		355
5962F9671101VXC	C	06/21/2000		(NONE)	04/01/2004	ACS630 (GEN)		355
5962F9671101VYC	C	06/21/2000		(NONE)	04/01/2004	ACS630 (GEN)		355
5962F9671102V9A	C	06/21/2000		(NONE)		ACS630-02 (GEN)		355
5962F9671102VXC	C	06/21/2000		(NONE)		ACS630-02 (GEN)		355
5962F9671102VYC	C	06/21/2000		(NONE)		ACS630-02 (GEN)		355
5962F9671201VCC	D	09/14/2007		(NONE)		ACTS04 (GEN)		143
5962F9671201VXC	D	09/14/2007		(NONE)		ACTS04 (GEN)		143
5962F9671202V9A	D	09/14/2007		(NONE)		ACTS04-02 (GEN)		143
5962F9671202VCC	D	09/14/2007		(NONE)		ACTS04-02 (GEN)		143



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5962F9671202VXC	D	09/14/2007		(NONE)			ACTS04-02 (GEN)	143
5962F9671301VCC	D	09/14/2007		(NONE)			ACTS74 (GEN)	158
5962F9671301VXC	D	09/14/2007		(NONE)			ACTS74 (GEN)	158
5962F9671302V9C	D	09/14/2007	1	RENESAS		Y	ACTS74HMSR-02	158
5962F9671302VCC	D	09/14/2007	1	RENESAS		Y	ACTS74DMSR-02	158
5962F9671302VXC	D	09/14/2007	1	RENESAS		Y	ACTS74KMSR-02	158
5962F9671401VEC	C	06/26/2000		(NONE)			ACTS112 (GEN)	156
5962F9671401VXC	C	06/26/2000		(NONE)			ACTS112 (GEN)	156
5962F9671402V9A	C	06/26/2000		(NONE)			ACTS112 (GEN)	156
5962F9671402VEC	C	06/26/2000		(NONE)			ACTS112 (GEN)	156
5962F9671402VXC	C	06/26/2000		(NONE)			ACTS112 (GEN)	156
5962F9671501VCC	C	07/03/2000		(NONE)			ACTS125 (GEN)	520
5962F9671501VXC	C	07/03/2000		(NONE)			ACTS125 (GEN)	520
5962F9671502V9A	C	07/03/2000		(NONE)			ACTS125 (GEN)	520
5962F9671502VCC	C	07/03/2000		(NONE)			ACTS125 (GEN)	520
5962F9671502VXC	C	07/03/2000		(NONE)			ACTS125 (GEN)	520
5962F9671601V9A	D	09/17/2007		(NONE)			ACTS161 (GEN)	304
5962F9671601VEC	D	09/17/2007	1	RENESAS		Y	ACTS161DMSR	304
5962F9671601VXC	D	09/17/2007	1	RENESAS		Y	ACTS161KMSR	304
5962F9671602V9A	D	09/17/2007		(NONE)			ACTS161-02 (GEN)	304
5962F9671602VEC	D	09/17/2007		(NONE)			ACTS161-02 (GEN)	304
5962F9671602VXC	D	09/17/2007		(NONE)			ACTS161-02 (GEN)	304
5962F9671701V9A	E	10/03/2005	1	RENESAS		Y	ACTS240HMSR	529
5962F9671701VRC	E	10/03/2005	1	RENESAS		Y	ACTS240DMSR	529
5962R9671701TRC	E	10/03/2005		(NONE)			ACTS240 (GEN)	529
5962F9671701VXC	E	10/03/2005	1	RENESAS		Y	ACTS240KMSR	529
5962R9671701TXC	E	10/03/2005		(NONE)			ACTS240 (GEN)	529
5962F9671702V9A	E	10/03/2005		(NONE)			ACTS240-02 (GEN)	529
5962F9671702VRC	E	10/03/2005		(NONE)			ACTS240-02 (GEN)	529
5962R9671702TRC	E	10/03/2005		(NONE)			ACTS240-02 (GEN)	529
5962F9671702VXC	E	10/03/2005		(NONE)			ACTS240-02 (GEN)	529
5962R9671702TXC	E	10/03/2005		(NONE)			ACTS240-02 (GEN)	529
5962F9671801VRC	C	07/03/2000		(NONE)			ACTS244 (GEN)	529
5962F9671801VXC	C	07/03/2000		(NONE)			ACTS244 (GEN)	529
5962F9671802V9A	C	07/03/2000		(NONE)			ACTS244-02 (GEN)	529
5962F9671802VRC	C	07/03/2000		(NONE)	05/05/2007		ACTS244-02 (GEN)	529
5962F9671802VXC	C	07/03/2000		(NONE)	05/05/2007		ACTS244-02 (GEN)	529
5962F9671901V9A	E	10/03/2005		(NONE)			ACTS245 (GEN)	590
5962F9671901VRC	E	10/03/2005		(NONE)	11/06/2007		ACTS245 (GEN)	590
5962R9671901TRC	E	10/03/2005		(NONE)			ACTS245 (GEN)	590
5962F9671901VXC	E	10/03/2005		(NONE)	11/06/2007		ACTS245 (GEN)	590
5962R9671901TXC	E	10/03/2005		(NONE)			ACTS245 (GEN)	590
5962F9671902V9A	E	10/03/2005		(NONE)			ACTS245-02 (GEN)	590
5962F9671902VRC	E	10/03/2005		(NONE)			ACTS245-02 (GEN)	590
5962R9671902TRC	E	10/03/2005		(NONE)			ACTS245-02 (GEN)	590
5962F9671902VXC	E	10/03/2005		(NONE)			ACTS245-02 (GEN)	590
5962R9671902TXC	E	10/03/2005		(NONE)			ACTS245-02 (GEN)	590
5962F9672001VCC	C	07/03/2000		(NONE)			ACTS280 (GEN)	210
5962F9672001VXC	C	07/03/2000		(NONE)			ACTS280 (GEN)	210

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5962F9672002V9A	C	07/03/2000		(NONE)			ACTS280 (GEN)	210
5962F9672002VCC	C	07/03/2000		(NONE)			ACTS280 (GEN)	210
5962F9672002VXC	C	07/03/2000		(NONE)			ACTS280 (GEN)	210
5962F9672101V9A	C	07/03/2000		(NONE)			ACTS630 (GEN)	355
5962F9672101VXC	C	07/03/2000		(NONE)			ACTS630 (GEN)	355
5962F9672101VYC	C	07/03/2000		(NONE)			ACTS630 (GEN)	355
5962F9672102V9A	C	07/03/2000		(NONE)	06/29/2003		ACTS630-02 (GEN)	355
5962F9672102VXC	C	07/03/2000		(NONE)	06/29/2003		ACTS630-02 (GEN)	355
5962F9672102VYC	C	07/03/2000		(NONE)	06/22/2003		ACTS630-02 (GEN)	355
5962R9672201QCC	A	05/21/2001		(NONE)	05/12/2005		HS-245 (GEN)	563
5962R9672201VCC	A	05/21/2001		(NONE)	05/12/2005		HS-245 (GEN)	563
5962R9672201QXC	A	05/21/2001		(NONE)	05/12/2005		HS-245 (GEN)	563
5962R9672201VXC	A	05/21/2001		(NONE)	05/12/2005		HS-245 (GEN)	563
5962R9672301QCC	D	07/23/2015		(NONE)	12/10/2015		HS-246 (GEN)	579
5962R9672301VCC	D	07/23/2015		(NONE)	12/10/2015		HS-246 (GEN)	579
5962R9672301QXC	D	07/23/2015		(NONE)	12/10/2015		HS-246 (GEN)	579
5962R9672301VXC	D	07/23/2015		(NONE)	12/10/2015		HS-246 (GEN)	579
5962R9672302QCC	D	07/23/2015		(NONE)	12/10/2015		HS-248 (GEN)	579
5962R9672302VCC	D	07/23/2015		(NONE)	12/10/2015		HS-248 (GEN)	579
5962R9672302QXC	D	07/23/2015		(NONE)	12/10/2015		HS-248 (GEN)	579
5962R9672302VXC	D	07/23/2015		(NONE)	12/10/2015		HS-248 (GEN)	579
5962F9672401VRC	C	07/05/2000		(NONE)			ACS573 (GEN)	341
5962F9672401VXC	C	07/05/2000		(NONE)			ACS573KMSR	341
5962F9672402V9A	C	07/05/2000		(NONE)			ACS573 (GEN)	341
5962F9672402VRC	C	07/05/2000		(NONE)			ACS573 (GEN)	341
5962F9672402VXC	C	07/05/2000		(NONE)			ACS573 (GEN)	341
5962F9672501VRC	D	04/28/1999		(NONE)			ACTS573 (GEN)	341
5962F9672501VXC	D	04/28/1999		(NONE)			ACTS573 (GEN)	341
5962F9672502V9A	D	04/28/1999		(NONE)			ACTS573-02 (GEN)	341
5962F9672502VRC	D	04/28/1999		(NONE)			ACTS573-02 (GEN)	341
5962R9672502TRC	D	04/28/1999		(NONE)			ACTS573-02 (GEN)	341
5962F9672502VXC	D	04/28/1999		(NONE)			ACTS573-02 (GEN)	341
5962R9672502TXC	D	04/28/1999		(NONE)			ACTS573-02 (GEN)	341
5962F9672601VRC	D	04/28/1999		(NONE)			ACTS541 (GEN)	529
5962F9672601VXC	D	04/28/1999		(NONE)			ACTS541 (GEN)	529
5962F9672602V9A	D	04/28/1999		(NONE)			ACTS541-02 (GEN)	529
5962F9672602VRC	D	04/28/1999		(NONE)			ACTS541-02 (GEN)	529
5962R9672602TRC	D	04/28/1999		(NONE)			ACTS541-02 (GEN)	529
5962F9672602VXC	D	04/28/1999		(NONE)			ACTS541-02 (GEN)	529
5962R9672602TXC	D	04/28/1999		(NONE)			ACTS541-02 (GEN)	529
5962-9672701VRC	B	04/20/2001		(NONE)	09/23/2001		82C88 (GEN)	420
5962-9672801VQC	A	03/08/1996		(NONE)	01/07/2003		80C86/7 (GEN)	403
5962-9672901QXA	B	01/11/2011		(NONE)			55LBC976 (GEN)	590
5962-9673001HXA	D	03/12/2014	1	CRANE		Y	MHV28512T/883	594
5962-9673001HXC	D	03/12/2014	1	CRANE		Y	MHV28512T/883	594
5962-9673001HZA	D	03/12/2014	1	CRANE		Y	MHV28512TF/883	594
5962-9673001HZC	D	03/12/2014	1	CRANE		Y	MHV28512TF/883	594
5962-9673101HXA	D	05/01/2014	1	CRANE		Y	MHV28515T/883	594
5962-9673101HXC	D	05/01/2014	1	CRANE		Y	MHV28515T/883	594

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5962-9673101HZA	D	05/01/2014	1	CRANE		Y MHV28515TF/883		594
5962-9673101HZC	D	05/01/2014	1	CRANE		Y MHV28515TF/883		594
5962-9673201QXA	B	07/08/2016	3	E2V		Y 100313DMQB		539
5962-9673201QYA	B	07/08/2016	3	E2V		Y 100313FMQB		539
5962-9673401MXC		07/16/1997		(NONE)	03/31/2000		3611077 (GEN)	439
5962-9673401MYC		07/16/1997		(NONE)	03/31/2000		3611077 (GEN)	439
5962-9673501HXA	D	04/05/2018	1	DDC		Y RD-14591D1-142		594
5962-9673501HXC	D	04/05/2018	1	DDC		Y RD-14591D1-112		594
5962-9673501HYA	D	04/05/2018	1	DDC		Y RD-14591F1-142		594
5962-9673501HYC	D	04/05/2018	1	DDC		Y RD-14591F1-112		594
5962-9673502HXA	D	04/05/2018	1	DDC		Y RD-14591D1-144		594
5962-9673502HXC	D	04/05/2018	1	DDC		Y RD-14591D1-114		594
5962-9673502HYA	D	04/05/2018	1	DDC		Y RD-14591F1-144		594
5962-9673502HYC	D	04/05/2018	1	DDC		Y RD-14591F1-114		594
5962-9673503HXA	D	04/05/2018	1	DDC		Y SD-14591D1-142		594
5962-9673503HXC	D	04/05/2018	1	DDC		Y SD-14591D1-112		594
5962-9673503HYA	D	04/05/2018	1	DDC		Y SD-14591F1-142		594
5962-9673503HYC	D	04/05/2018	1	DDC		Y SD-14591F1-112		594
5962-9673504HXA	D	04/05/2018	1	DDC		Y SD-14591D1-144		594
5962-9673504HXC	D	04/05/2018	1	DDC		Y SD-14591D1-114		594
5962-9673504HYA	D	04/05/2018	1	DDC		Y SD-14591F1-144		594
5962-9673504HYC	D	04/05/2018	1	DDC		Y SD-14591F1-114		594
5962-9673505HXA	D	04/05/2018	1	DDC		Y RD-14592D1-142		594
5962-9673505HXC	D	04/05/2018	1	DDC		Y RD-14592D1-112		594
5962-9673505HYA	D	04/05/2018	1	DDC		Y RD-14592F1-142		594
5962-9673505HYC	D	04/05/2018	1	DDC		Y RD-14592F1-112		594
5962-9673506HXA	D	04/05/2018	1	DDC		Y RD-14592D1-144		594
5962-9673506HXC	D	04/05/2018	1	DDC		Y RD-14592D1-114		594
5962-9673506HYA	D	04/05/2018	1	DDC		Y RD-14592F1-144		594
5962-9673506HYC	D	04/05/2018	1	DDC		Y RD-14592F1-114		594
5962-9673507HXA	D	04/05/2018	1	DDC		Y RD-14592D1-145		594
5962-9673507HXC	D	04/05/2018	1	DDC		Y RD-14592D1-115		594
5962-9673507HYA	D	04/05/2018	1	DDC		Y RD-14592F1-145		594
5962-9673507HYC	D	04/05/2018	1	DDC		Y RD-14592F1-115		594
5962-9673508HXA	D	04/05/2018	1	DDC		Y SD-14592D1-142		594
5962-9673508HXC	D	04/05/2018	1	DDC		Y SD-14592D1-112		594
5962-9673508HYA	D	04/05/2018	1	DDC		Y SD-14592F1-142		594
5962-9673508HYC	D	04/05/2018	1	DDC		Y SD-14592F1-112		594
5962-9673509HXA	D	04/05/2018	1	DDC		Y SD-14592D1-144		594
5962-9673509HXC	D	04/05/2018	1	DDC		Y SD-14592D1-114		594
5962-9673509HYA	D	04/05/2018	1	DDC		Y SD-14592F1-144		594
5962-9673509HYC	D	04/05/2018	1	DDC		Y SD-14592F1-114		594
5962-9673510HXA	D	04/05/2018	1	DDC		Y SD-14592D1-145		594
5962-9673510HXC	D	04/05/2018	1	DDC		Y SD-14592D1-115		594
5962-9673510HYA	D	04/05/2018	1	DDC		Y SD-14592F1-145		594
5962-9673510HYC	D	04/05/2018	1	DDC		Y SD-14592F1-115		594
5962R9673601VXC		01/16/1996		(NONE)			GP511 (GEN)	594
5962-9673701QGC		01/31/1996		(NONE)			HA-2548 (GEN)	755
5962-9673701QPC		01/31/1996		(NONE)			HA-2548 (GEN)	755

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5962R9673801V9A	T	07/24/2017	1	TI		Y LM139 MDR		776
5962-9673801VCA	T	07/24/2017		(NONE)	12/01/2009	LM139A (GEN)		776
5962L9673801VCA	T	07/24/2017	1	TI		Y LM139AJLQMLV		776
5962R9673801QCA	T	07/24/2017		(NONE)		LM139A (GEN)		776
5962R9673801VCA	T	07/24/2017	1	TI		Y LM139AJRQMLV		776
5962-9673801VDA	T	07/24/2017	1	TI		Y LM139AW-QMLV		776
5962L9673801VDA	T	07/24/2017		(NONE)		LM139A (GEN)		776
5962R9673801QDA	T	07/24/2017		(NONE)		LM139A (GEN)		776
5962R9673801VDA	T	07/24/2017	1	TI		Y LM139AWRQMLV		776
5962-9673801VXA	T	07/24/2017	1	TI		Y LM139AWG-QMLV		776
5962L9673801VXA	T	07/24/2017		(NONE)		LM139A (GEN)		776
5962R9673801QXA	T	07/24/2017		(NONE)		LM139A (GEN)		776
5962R9673801VXA	T	07/24/2017	1	TI		Y LM139AWGRQMLV		776
5962-9673802V9B	T	07/24/2017	1C	TI		Y LM139AKGD-SP		776
5962R9673802V9A	T	07/24/2017	1	TI		Y LM139 MDE		776
5962-9673802VCA	T	07/24/2017	1C	TI		Y LM139AJQMLV		776
5962R9673802VCA	T	07/24/2017	1	TI		Y LM139AJRLQMLV		776
5962R9673802VDA	T	07/24/2017	1	TI		Y LM139AWRLQMLV		776
5962R9673802VXA	T	07/24/2017	1	TI		Y LM139AWGRLQMLV		776
5962-9674101H3A	C	04/05/2018	1	AEROFLEX		Y ACT4455		590
5962-9674101H3C	C	04/05/2018	1	AEROFLEX		Y ACT4455		590
5962-9674102H3A	C	04/05/2018	1	AEROFLEX		Y ACT4459		590
5962-9674102H3C	C	04/05/2018	1	AEROFLEX		Y ACT4459		590
5962R9674201V9A	H	06/02/2017		(NONE)		508A (GEN)		193
5962R9674201QEC	H	06/02/2017		(NONE)	09/24/2000	508A (GEN)		193
5962R9674201TEC	H	06/02/2017		(NONE)	09/24/2000	508A (GEN)		193
5962R9674201VEC	H	06/02/2017		(NONE)	09/24/2000	508A (GEN)		193
5962R9674201QXC	H	06/02/2017		(NONE)	09/24/2000	508A (GEN)		193
5962R9674201TXC	H	06/02/2017		(NONE)	09/24/2000	508A (GEN)		193
5962R9674201VXC	H	06/02/2017		(NONE)	09/24/2000	508A (GEN)		193
5962F9674202V9A	H	06/02/2017	2	RENESAS		Y HS0-508BRH-Q		193
5962F9674202QEC	H	06/02/2017	2	RENESAS		Y HS1-508BRH-8		193
5962F9674202VEC	H	06/02/2017	2	RENESAS		Y HS1-508BRH-Q		193
5962R9674202TEC	H	06/02/2017	2	RENESAS		Y HS1-508BRH-T		193
5962F9674202QXC	H	06/02/2017	2	RENESAS		Y HS9-508BRH-8		193
5962F9674202VXC	H	06/02/2017	2	RENESAS		Y HS9-508BRH-Q		193
5962R9674202TXC	H	06/02/2017	2	RENESAS		Y HS9-508BRH-T		193
5962F9674203V9A	H	06/02/2017	2	RENESAS		Y HS0-508BEH-Q		193
5962F9674203VEC	H	06/02/2017	2	RENESAS		Y HS1-508BEH-Q		193
5962F9674203VXC	H	06/02/2017	2	RENESAS		Y HS9-508BEH-Q		193
5962-9674301QXA	A	08/18/2014	2	MICROSS		Y SMJ416160-80HKDM		629
5962-9674302QXA	A	08/18/2014	2	MICROSS		Y SMJ416160-70HKDM		629
5962-9674303QXA	A	08/18/2014	2	MICROSS		Y SMJ418160-80HKDM		629
5962-9674304QXA	A	08/18/2014	2	MICROSS		Y SMJ418160-70HKDM		629
5962-9674402QUC	A	11/24/1999		(NONE)		ADSP21060L-148 (GEN)		432
5962-9674402QYC	A	11/24/1999		(NONE)		ADSP21060L-148 (GEN)		432
5962-9674502QTC	A	11/24/1999		(NONE)		ADSP21060-160 (GEN)		432
5962-9674502QUC	A	11/24/1999		(NONE)		ADSP21060-160 (GEN)		432
5962-9674502QXC	A	11/24/1999		(NONE)		ADSP21060-160 (GEN)		432

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5962-9674502QYC	A	11/24/1999		(NONE)			ADSP21060-160 (GEN)	432
5962-9674601Q3A	C	10/25/2016	3	TI		Y	SNJ54ABT853FK	590
5962-9674601QKA	C	10/25/2016		(NONE)	11/28/2015		54ABT853 (GEN)	590
5962-9674601QLA	C	10/25/2016		(NONE)	11/28/2015		54ABT853 (GEN)	590
5962-9674701Q3A		03/18/1997		(NONE)			54ACT8999 (GEN)	399
5962-9674801Q3A	F	04/27/2015	1	TI		Y	SNJ54LVT646FK	590
5962-9674801QKA	F	04/27/2015		(NONE)	11/28/2015		54LVT646 (GEN)	590
5962-9674801QLA	F	04/27/2015		(NONE)	11/28/2015		54LVT646 (GEN)	590
5962-9675101QCA	C	06/17/2015	1	TI		Y	SNJ54LS73AJ	152
5962-9675101VCA	C	06/17/2015		(NONE)	11/28/2015		54LS73A (GEN)	152
5962-9675101QDA	C	06/17/2015	1	TI		Y	SNJ54LS73AW	152
5962-9675101VDA	C	06/17/2015		(NONE)	11/28/2015		54LS73A (GEN)	152
5962H9675301QCA	C	10/28/2015	1	COBHAM		Y	UT54ACTS220PQAH	422
5962H9675301QCC	C	10/28/2015	1	COBHAM		Y	UT54ACTS220PQCH	422
5962H9675301VCA	C	10/28/2015	1	COBHAM		Y	UT54ACTS220PVAH	422
5962H9675301VCC	C	10/28/2015	1	COBHAM		Y	UT54ACTS220PVCH	422
5962H9675301QXA	C	10/28/2015	1	COBHAM		Y	UT54ACTS220UQAH	422
5962H9675301QXC	C	10/28/2015	1	COBHAM		Y	UT54ACTS220UQCH	422
5962H9675301VXA	C	10/28/2015	1	COBHAM		Y	UT54ACTS220UVAH	422
5962H9675301VXC	C	10/28/2015	1	COBHAM		Y	UT54ACTS220UVCH	422
5962R9675501V9A	G	07/06/2017		(NONE)			HS-565A (GEN)	591
5962R9675501TJC	G	07/06/2017		(NONE)	03/23/2003		HS-565A (GEN)	591
5962R9675501VJC	G	07/06/2017		(NONE)			HS-565A (GEN)	591
5962R9675501TXC	G	07/06/2017		(NONE)			HS-565A (GEN)	591
5962R9675501VXC	G	07/06/2017		(NONE)			HS-565A (GEN)	591
5962R9675502V9A	G	07/06/2017	1	RENESAS		Y	HS0-565BRH-Q	591
5962R9675502VJC	G	07/06/2017	1	RENESAS		Y	HS1-565BRH-Q	591
5962R9675502VXC	G	07/06/2017	1	RENESAS		Y	HS9-565BRH-Q	591
5962R9675503V9A	G	07/06/2017	1	RENESAS		Y	HS0-565BEH-Q	591
5962R9675503VJC	G	07/06/2017	1	RENESAS		Y	HS1-565BEH-Q	591
5962R9675503VXC	G	07/06/2017	1	RENESAS		Y	HS9-565BEH-Q	591
5962F9675601VPC	B	04/24/2007		(NONE)	10/03/2004		HS-1120 (GEN)	752
5962R9675701V9A	E	09/23/2015		(NONE)			4063B (GEN)	209
5962R9675701VEC	E	09/23/2015		(NONE)			4063B (GEN)	209
5962R9675701VXC	E	09/23/2015	1	RENESAS		Y	CD4063BKMSR	209
5962-9675801QXA	C	06/11/2010		(NONE)	05/01/2003		TVP3026-175 (GEN)	830
5962-9675801NYB	C	06/11/2010		(NONE)	05/01/2003		TVP3026-175 (GEN)	830
5962-9675901QYA	B	07/16/2010		(NONE)	10/31/2002		TVP3010 (GEN)	830
5962-9676001QGA		02/01/1996		(NONE)			LF412 (GEN)	710
5962-9676001QPA		02/01/1996		(NONE)	09/06/2000		LF412 (GEN)	710
5962-9676101Q2A		01/30/1996		(NONE)			54CDC341 (GEN)	399
5962-9676101QRA		01/30/1996		(NONE)			54CDC341 (GEN)	399
5962-9676101QSA		01/30/1996		(NONE)			54CDC341 (GEN)	399
5962-9676201QLA	B	10/13/2004		(NONE)	07/30/2005		AD7710 (GEN)	592
5962R9676601QXC	B	05/01/2013		(NONE)			HS-81C55 (GEN)	610
5962R9676601VXC	B	05/01/2013		(NONE)			HS-81C55 (GEN)	610
5962R9676601QYC	B	05/01/2013		(NONE)			HS-81C55 (GEN)	610
5962R9676601VYC	B	05/01/2013		(NONE)			HS-81C55 (GEN)	610
5962R9676602QXC	B	05/01/2013		(NONE)			HS-81C56 (GEN)	610



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5962R9676602VXC	B	05/01/2013		(NONE)			HS-81C56 (GEN)	610
5962R9676602QYC	B	05/01/2013		(NONE)			HS-81C56 (GEN)	610
5962R9676602VYC	B	05/01/2013		(NONE)			HS-81C56 (GEN)	610
5962F9676701V9A	E	06/02/2016	1	RENESAS		Y	HS0-1135RH-Q	751
5962F9676701VPC	E	06/02/2016	1	RENESAS		Y	HS7B-1135RH-Q	751
5962F9676701VXC	E	06/02/2016	1	RENESAS		Y	HS9-1135RH-Q	751
5962-9676801Q2A	C	01/28/2016	1	TI		Y	SNJ54ABT125FK	520
5962-9676801QCA	C	01/28/2016	1	TI		Y	SNJ54ABT125J	520
5962-9676801QDA	C	01/28/2016	1	TI		Y	SNJ54ABT125W	520
5962-9676901Q3A	C	03/27/2015		(NONE)	11/28/2015		54ABT841 (GEN)	342
5962-9676901QKA	C	03/27/2015		(NONE)	11/28/2015		54ABT841 (GEN)	342
5962-9676901QLA	C	03/27/2015	2	TI		Y	SNJ54ABT841JT	342
5962-9677001QXA	A	05/03/2010		(NONE)	06/01/2001		TSB12C01 (GEN)	420
5962-9677101QXA	A	11/23/2004		(NONE)			TSB21LV03C (GEN)	590
5962-9677201QXA	C	01/28/2013		(NONE)			TSB14C01 (GEN)	590
5962-9677202QXA	C	01/28/2013		(NONE)			TSB14C01 (GEN)	590
5962-9677301Q2A	E	10/26/2018	3	TI		Y	SNJ54AC574FK	159
5962-9677301QRA	E	10/26/2018	3	TI		Y	SNJ54AC574J	159
5962-9677301QSA	E	10/26/2018	3	TI		Y	SNJ54AC574W	159
5962-9677301QZA	E	10/26/2018		(NONE)			54AC574 (GEN)	159
5962F9677302QRA	E	10/26/2018	2	STMICRO		Y	RHFAC574D04Q	159
5962F9677302QRC	E	10/26/2018	2	STMICRO		Y	RHFAC574D03Q	159
5962F9677302VRA	E	10/26/2018	2	STMICRO		Y	RHFAC574D04V	159
5962F9677302VRC	E	10/26/2018	2	STMICRO		Y	RHFAC574D03V	159
5962-9677302QXA	E	10/26/2018		(NONE)			54AC574 (GEN)	159
5962-9677302VXA	E	10/26/2018		(NONE)			54AC574 (GEN)	159
5962F9677302QXA	E	10/26/2018	2	STMICRO		Y	RHFAC574K02Q	159
5962F9677302QXC	E	10/26/2018	2	STMICRO		Y	RHFAC574K02Q	159
5962F9677302VXA	E	10/26/2018	2	STMICRO		Y	RHFAC574K02V	159
5962F9677302VXC	E	10/26/2018	2	STMICRO		Y	RHFAC574K01V	159
5962F9677302VYA	E	10/26/2018	2	STMICRO		Y	RHFAC574K04V	159
5962F9677302VYC	E	10/26/2018	2	STMICRO		Y	RHFAC574K03V	159
5962-9677401QXA	C	06/25/2015	3	TI		Y	SNJ54ABT162245WD	590
5962-9677501QXA	C	01/28/2016	2	TI	09/26/2018	Y	SNJ54ABTE16245WD	590
5962-9677701QXA	D	04/23/2014	3	TI	09/26/2018	Y	SNJ54LVTH16501WD	590
5962-9678001QXA	D	01/28/2016	2	TI		Y	SNJ54LVTH162245WD	590
5962-9678001VXA	D	01/28/2016	2	TI		Y	SNV54LVTH162245WD	590
5962-9678201Q2A	D	01/28/2016	1	TI		Y	SNJ54AHC244FK	529
5962-9678201QRA	D	01/28/2016	1	TI		Y	SNJ54AHC244J	529
5962-9678201VRA	D	01/28/2016	1	TI		Y	SNV54AHC244J	529
5962-9678201QSA	D	01/28/2016	1	TI		Y	SNJ54AHC244W	529
5962-9678201VSA	D	01/28/2016	1	TI		Y	SNV54AHC244W	529
5962-9678301Q2A	D	02/16/2016	1	TI		Y	SNJ54AHCT244FK	529
5962-9678301QRA	D	02/16/2016	1	TI		Y	SNJ54AHCT244J	529
5962-9678301QSA	D	02/16/2016	1	TI		Y	SNJ54AHCT244W	529
5962F9678501VPC	D	11/07/2017	1	RENESAS		Y	HS7B-1115RH-Q	702
5962R9678601QWC	A	03/02/2010		(NONE)			HS-3374 (GEN)	594
5962R9678601VWC	A	03/02/2010		(NONE)			HS-3374 (GEN)	594
5962-9678801QEA	B	02/20/2014		(NONE)	01/06/2017		DG384A (GEN)	188

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5962-9678901QXC	E	08/10/2007		(NONE)			320MCM42-40 (GEN)	409
5962-9678902QXC	E	08/10/2007		(NONE)			320MCM42-40 (GEN)	409
5962-9678903QXC	E	08/10/2007		(NONE)			320MCM42-50 (GEN)	409
5962-9678904QXC	E	08/10/2007		(NONE)			320MCM42-50 (GEN)	409
5962-9679001NXB	G	02/25/2019	2	TI		Y	SMQ320C32PCMM50	432
5962-9679002NXB	G	02/25/2019	2	TI		Y	SMQ320C32PCMM60	432
5962-9679101QXA	D	01/23/2019	3	TI		Y	SMJ320C80GFM50	399
5962-9679101QYC	D	01/23/2019		(NONE)	11/28/2015		320C80-50 (GEN)	399
5962-9679201Q2A	B	08/19/2016		(NONE)	11/28/2015		54S30 (GEN)	106
5962-9679201QCA	B	08/19/2016	1	TI		Y	SNJ54S30J	106
5962-9679201QDA	B	08/19/2016	1	TI		Y	SNJ54S30W	106
5962-9679301M3A	A	01/06/2000		(NONE)	04/01/2000		10C11-30 (GEN)	228
5962-9679301MLA	A	01/06/2000		(NONE)	04/01/2000		10C11-30 (GEN)	228
5962-9679302M3A	A	01/06/2000		(NONE)	04/01/2000		10C11-25 (GEN)	228
5962-9679302MLA	A	01/06/2000		(NONE)	04/01/2000		10C11-25 (GEN)	228
5962-9679303M3A	A	01/06/2000		(NONE)	04/01/2000		10C11-20 (GEN)	228
5962-9679303MLA	A	01/06/2000		(NONE)	04/01/2000		10C11-20 (GEN)	228
5962-9679304M3A	A	01/06/2000		(NONE)	04/01/2000		21C11-30 (GEN)	228
5962-9679304MLA	A	01/06/2000		(NONE)	04/01/2000		21C11-30 (GEN)	228
5962-9679305M3A	A	01/06/2000		(NONE)	04/01/2000		21C11-25 (GEN)	228
5962-9679305MLA	A	01/06/2000		(NONE)	04/01/2000		21C11-25 (GEN)	228
5962-9679306M3A	A	01/06/2000		(NONE)	04/01/2000		21C11-20 (GEN)	228
5962-9679306MLA	A	01/06/2000		(NONE)	04/01/2000		21C11-20 (GEN)	228
5962-9679401HXA		02/05/1997		(NONE)			MSK1339B (GEN)	591
5962-9679501MXA	E	07/22/2016		(NONE)			816256CA35 (GEN)	629
5962-9679501MYA	E	07/22/2016		(NONE)			816256CA35 (GEN)	629
5962-9679502MXA	E	07/22/2016		(NONE)			816256CA25 (GEN)	629
5962-9679502MYA	E	07/22/2016		(NONE)			816256CA25 (GEN)	629
5962-9679503MXA	E	07/22/2016		(NONE)			816256CA20 (GEN)	629
5962-9679503MYA	E	07/22/2016		(NONE)			816256CA20 (GEN)	629
5962-9679504MXA	E	07/22/2016		(NONE)			816256LPA35 (GEN)	629
5962-9679504MYA	E	07/22/2016		(NONE)			816256LPA35 (GEN)	629
5962-9679505MXA	E	07/22/2016		(NONE)			816256LPA25 (GEN)	629
5962-9679505MYA	E	07/22/2016		(NONE)			816256LPA25 (GEN)	629
5962-9679506MXA	E	07/22/2016		(NONE)			816256LPA20 (GEN)	629
5962-9679506MYA	E	07/22/2016		(NONE)			816256LPA20 (GEN)	629
5962-9679507QZA	E	07/22/2016	3B	DPA		Y	DPA71041D02A	629
5962-9679507QZC	E	07/22/2016	3B	DPA		Y	DPA71041D02C	629
5962-9679601HXA	E	01/23/2018	1	MERCURY		Y	WME128K8-300DEQ	669
5962-9679601HXC	E	01/23/2018	1	MERCURY		Y	WME128K8-300DEQ	669
5962-9679601HYA	E	01/23/2018	1	MERCURY		Y	WME128K8-300CQ	669
5962-9679601HYC	E	01/23/2018	1	MERCURY		Y	WME128K8-300CQ	669
5962-9679602HXA	E	01/23/2018	1	MERCURY		Y	WME128K8-250DEQ	669
5962-9679602HXC	E	01/23/2018	1	MERCURY		Y	WME128K8-250DEQ	669
5962-9679602HYA	E	01/23/2018	1	MERCURY		Y	WME128K8-250CQ	669
5962-9679602HYC	E	01/23/2018	1	MERCURY		Y	WME128K8-250CQ	669
5962-9679603HXA	E	01/23/2018	1	MERCURY		Y	WME128K8-200DEQ	669
5962-9679603HXC	E	01/23/2018	1	MERCURY		Y	WME128K8-200DEQ	669
5962-9679603HYA	E	01/23/2018	1	MERCURY		Y	WME128K8-200CQ	669

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5962-9679603HYC	E	01/23/2018	1	MERCURY		Y WME128K8-200CQ		669
5962-9679604HXA	E	01/23/2018	1	MERCURY		Y WME128K8-150DEQ		669
5962-9679604HXC	E	01/23/2018	1	MERCURY		Y WME128K8-150DEQ		669
5962-9679604HYA	E	01/23/2018	1	MERCURY		Y WME128K8-150CQ		669
5962-9679604HYC	E	01/23/2018	1	MERCURY		Y WME128K8-150CQ		669
5962-9679605HXA	E	01/23/2018	1	MERCURY		Y WME128K8-140DEQ		669
5962-9679605HXC	E	01/23/2018	1	MERCURY		Y WME128K8-140DEQ		669
5962-9679605HYA	E	01/23/2018	1	MERCURY		Y WME128K8-140CQ		669
5962-9679605HYC	E	01/23/2018	1	MERCURY		Y WME128K8-140CQ		669
5962-9679606HXA	E	01/23/2018		(NONE)		128K8-120 (GEN)		669
5962-9679606HYA	E	01/23/2018		(NONE)		128K8-120 (GEN)		669
5962R9679701V9A	C	03/29/2004		(NONE)	02/10/2005	HCS245 (GEN)		590
5962R9679701VRC	C	03/29/2004		(NONE)	10/16/2013	HCS245 (GEN)		590
5962R9679701VXC	C	03/29/2004		(NONE)	04/26/2013	HCS245 (GEN)		590
5962R9679801V9A	G	05/06/2013	1	TI		Y LM119 MDR		774
5962-9679801VCA	G	05/06/2013	1	TI		Y LM119J-QMLV		774
5962R9679801QCA	G	05/06/2013		(NONE)		LM119 (GEN)		774
5962R9679801VCA	G	05/06/2013	1	TI		Y LM119JRQMLV		774
5962-9679801VHA	G	05/06/2013		(NONE)	12/01/2009	LM119 (GEN)		774
5962R9679801QHA	G	05/06/2013		(NONE)		LM119 (GEN)		774
5962R9679801VHA	G	05/06/2013	1	TI		Y LM119WRQMLV		774
5962-9679801VIA	G	05/06/2013		(NONE)	07/19/2017	LM119 (GEN)		774
5962R9679801QIA	G	05/06/2013		(NONE)		LM119 (GEN)		774
5962R9679801VIA	G	05/06/2013	1	TI		Y LM119HRQMLV		774
5962-9679801VXA	G	05/06/2013		(NONE)	12/01/2009	LM119 (GEN)		774
5962R9679801QXA	G	05/06/2013		(NONE)		LM119 (GEN)		774
5962R9679801VXA	G	05/06/2013	1	TI		Y LM119WGRQMLV		774
5962R9679802V9A	G	05/06/2013	1	TI		Y LM119 MDE		774
5962R9679802VCA	G	05/06/2013	1	TI		Y LM119JRLQMLV		774
5962R9679802VHA	G	05/06/2013	1	TI		Y LM119WRLQMLV		774
5962R9679802VIA	G	05/06/2013	1	TI		Y LM119HRLQMLV		774
5962R9679802VXA	G	05/06/2013	1	TI		Y LM119WGRQMLV		774
5962F9679901V9A	D	01/23/2008		(NONE)	12/30/2011	ACS74 (GEN)		158
5962F9679901VCC	D	01/23/2008		(NONE)	12/30/2011	ACS74 (GEN)		158
5962F9679901VXC	D	01/23/2008		(NONE)	12/30/2011	ACS74 (GEN)		158
5962F9679902V9A	D	01/23/2008		(NONE)		ACS74-02 (GEN)		158
5962F9679902VCC	D	01/23/2008		(NONE)		ACS74-02 (GEN)		158
5962F9679902VXC	D	01/23/2008		(NONE)		ACS74-02 (GEN)		158
5962-9680101Q2A	D	08/30/2016	1	TI		Y SNJ54AHCT14FK		143
5962-9680101QCA	D	08/30/2016	1	TI		Y SNJ54AHCT14J		143
5962-9680101VCA	D	08/30/2016	1	TI		Y SNV54AHCT14J		143
5962-9680101QDA	D	08/30/2016	1	TI		Y SNJ54AHCT14W		143
5962-9680101VDA	D	08/30/2016	1	TI		Y SNV54AHCT14W		143
5962-9680201Q2A	D	06/27/2018	2	TI		Y SNJ54AHC14FK		143
5962-9680201QCA	D	06/27/2018	2	TI		Y SNJ54AHC14J		143
5962-9680201QDA	D	06/27/2018	2	TI		Y SNJ54AHC14W		143
5962-9680301Q2A	C	02/26/2019		(NONE)	11/28/2015	54AHCU04 (GEN)		143
5962-9680301QCA	C	02/26/2019		(NONE)	11/28/2015	54AHCU04 (GEN)		143
5962-9680301QDA	C	02/26/2019	2	TI		Y SNJ54AHCU04W		143

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5962-9680401Q2A	D	03/30/2015	2	TI		Y SNJ54AHCT04FK		143
5962-9680401QCA	D	03/30/2015	2	TI		Y SNJ54AHCT04J		143
5962-9680401QDA	D	03/30/2015	2	TI		Y SNJ54AHCT04W		143
5962-9680501Q2A	C	12/20/2017	2	TI		Y SNJ54AHC04FK		143
5962-9680501QCA	C	12/20/2017	2	TI		Y SNJ54AHC04J		143
5962-9680501QDA	C	12/20/2017	2	TI		Y SNJ54AHC04W		143
5962-9680601Q2A	D	03/31/2015	1	TI		Y SNJ54AHCT240FK		529
5962-9680601QRA	D	03/31/2015	1	TI		Y SNJ54AHCT240J		529
5962-9680601QSA	D	03/31/2015	1	TI		Y SNJ54AHCT240W		529
5962-9680701Q2A	B	03/30/2015	1	TI		Y SNJ54AHC240FK		529
5962-9680701QRA	B	03/30/2015	1	TI		Y SNJ54AHC240J		529
5962-9680701QSA	B	03/30/2015	1	TI		Y SNJ54AHC240W		529
5962-9680801QXA	D	09/21/2016	1	TI		Y SNJ54ABTH32316HT		590
5962-9680901QXA	D	08/30/2016	1	TI		Y SNJ54LVTH162244WD		529
5962-9680901VXA	D	08/30/2016	1	TI		Y SNV54LVTH162244WD		529
5962-9681001QXA	D	12/22/2014	2	TI		Y SNJ54LVTH16373WD		342
5962-9681101QXA	C	09/23/2015	3	TI		Y SNJ54LVTH18502AHV		590
5962-9681201Q3A	B	06/23/2010		(NONE)	11/28/2015	54ABT8996 (GEN)		599
5962-9681201QKA	B	06/23/2010		(NONE)	11/28/2015	54ABT8996 (GEN)		599
5962-9681201QLA	B	06/23/2010		(NONE)	11/28/2015	54ABT8996 (GEN)		599
5962F9681301V9A	C	10/25/2018	2	STMICRO		Y ACT14DIE2V		144
5962-9681301QXA	C	10/25/2018		(NONE)		54ACT14 (GEN)		144
5962-9681301VXA	C	10/25/2018		(NONE)		54ACT14 (GEN)		144
5962F9681301QXA	C	10/25/2018	2	STMICRO		Y RHFACT14K02Q		144
5962F9681301QXC	C	10/25/2018	2	STMICRO		Y RHFACT14K01Q		144
5962F9681301VXA	C	10/25/2018	2	STMICRO		Y RHFACT14K02V		144
5962F9681301VXC	C	10/25/2018	2	STMICRO		Y RHFACT14K01V		144
5962F9681301VYA	C	10/25/2018	2	STMICRO		Y RHFACT14K04V		144
5962F9681301VYC	C	10/25/2018	2	STMICRO		Y RHFACT14K03V		144
5962-9681501QXA	A	07/12/2000		(NONE)	12/31/2001	54FB2040 (GEN)		590
5962-9681601Q2A	B	04/28/2015	1	TI		Y SNJ54AHC86FK		140
5962-9681601QCA	B	04/28/2015	1	TI		Y SNJ54AHC86J		140
5962-9681601QDA	B	04/28/2015	1	TI		Y SNJ54AHC86W		140
5962-9681701Q2A	D	01/28/2015	2	TI		Y SNJ54AHCT86FK		140
5962-9681701QCA	D	01/28/2015	2	TI		Y SNJ54AHCT86J		140
5962-9681701QDA	D	01/28/2015		(NONE)	11/28/2015	54AHCT86 (GEN)		140
5962-9681801Q2A	C	09/21/2016	1	TI		Y SNJ54AHC245FK		590
5962-9681801QRA	C	09/21/2016	1	TI		Y SNJ54AHC245J		590
5962-9681801VRA	C	09/21/2016		(NONE)	11/28/2015	54AHC245 (GEN)		590
5962-9681801QSA	C	09/21/2016	1	TI		Y SNJ54AHC245W		590
5962-9681801VSA	C	09/21/2016	1	TI		Y SNV54AHC245W		590
5962-9681901Q2A	C	03/27/2015	1	TI		Y SNJ54AHCT245FK		590
5962-9681901QRA	C	03/27/2015	1	TI		Y SNJ54AHCT245J		590
5962-9681901QSA	C	03/27/2015	1	TI		Y SNJ54AHCT245W		590
5962-9682001Q2A	D	06/25/2015	2	TI		Y SNJ54AHC08FK		110
5962-9682001QCA	D	06/25/2015	2	TI		Y SNJ54AHC08J		110
5962-9682001QDA	D	06/25/2015	2	TI		Y SNJ54AHC08W		110
5962-9682101Q2A	E	08/30/2016	1	TI		Y SNJ54AHCT08FK		110
5962-9682101QCA	E	08/30/2016	1	TI		Y SNJ54AHCT08J		110

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5962-9682101VCA	E	08/30/2016		(NONE)	11/28/2015		54AHCT08 (GEN)	110
5962-9682101QDA	E	08/30/2016	1	TI		Y	SNJ54AHCT08W	110
5962-9682101VDA	E	08/30/2016	1	TI		Y	SNV54AHCT08W	110
5962-9682201Q2A	B	02/26/2015	1	TI		Y	SNJ54AHC00FK	100
5962-9682201QCA	B	02/26/2015	1	TI		Y	SNJ54AHC00J	100
5962-9682201QDA	B	02/26/2015	1	TI		Y	SNJ54AHC00W	100
5962-9682301Q2A	C	03/25/2015	1	TI		Y	SNJ54AHCT00FK	100
5962-9682301QCA	C	03/25/2015	1	TI		Y	SNJ54AHCT00J	100
5962-9682301QDA	C	03/25/2015	1	TI		Y	SNJ54AHCT00W	100
5962-9682501Q2A	B	04/28/2015	1	TI		Y	SNJ54AHC32FK	125
5962-9682501QCA	B	04/28/2015	1	TI		Y	SNJ54AHC32J	125
5962-9682501QDA	B	04/28/2015	1	TI		Y	SNJ54AHC32W	125
5962-9682601Q2A	C	05/27/2014	1	TI		Y	SNJ54AHCT32FK	125
5962-9682601QCA	C	05/27/2014	1	TI		Y	SNJ54AHCT32J	125
5962-9682601QDA	C	05/27/2014	1	TI		Y	SNJ54AHCT32W	125
5962-9682701Q3A	C	09/21/2016		(NONE)	11/28/2015		29FCT818AT (GEN)	228
5962-9682701QLA	C	09/21/2016	2	TI		Y	CY29FCT818ATDMB	228
5962-9682801H2C	B	10/21/2014	1	ANAREN		Y	MSK1343B	815
5962-9682901Q2A	C	02/14/2014	2	E2V		Y	54ACTQ541LMQB	529
5962-9682901Q2A	C	02/14/2014	2	ROCHESTER		Y	54ACTQ541/Q2A	529
5962-9682901V2A	C	02/14/2014		(NONE)	12/03/2008		54ACTQ541 (GEN)	529
5962-9682901QRA	C	02/14/2014	2	E2V		Y	54ACTQ541DMQB	529
5962-9682901QRA	C	02/14/2014	2	ROCHESTER		Y	54ACTQ541/QRA	529
5962-9682901VRA	C	02/14/2014		(NONE)	12/03/2008		54ACTQ541 (GEN)	529
5962-9682901QSA	C	02/14/2014	2	E2V		Y	54ACTQ541FMQB	529
5962-9682901QSA	C	02/14/2014	2	ROCHESTER		Y	54ACTQ541/QSA	529
5962-9682901VSA	C	02/14/2014		(NONE)	12/03/2008		54ACTQ541 (GEN)	529
5962F9683001V9A	E	12/06/2017	1	RENESAS		Y	HS0-1145RH-Q	760
5962F9683001VPC	E	12/06/2017	1	RENESAS		Y	HS7B-1145RH-Q	760
5962F9683101VPA	C	07/13/2010		(NONE)			HS-1212 (GEN)	509
5962F9683101VPC	C	07/13/2010		(NONE)	10/03/2004		HS-1212 (GEN)	509
5962F9683201VCA	C	05/07/2007		(NONE)	01/07/2003		HS-1245 (GEN)	760
5962F9683401VCA	C	05/28/2007		(NONE)	09/21/2003		HS-1412 (GEN)	509
5962-9683601MXC	B	05/09/2014		(NONE)	01/31/2005		12X16B-0 (GEN)	381
5962-9683602MXC	B	05/09/2014		(NONE)	01/31/2005		12X16B-1 (GEN)	381
5962-9683701MXC	B	05/16/2017		(NONE)	01/16/2002		24X32B-0 (GEN)	381
5962-9683702MXC	B	05/16/2017		(NONE)	01/16/2002		24X32B-1 (GEN)	381
5962-9683901MPA	F	07/06/2017	2	ANALOG (2)		Y	AD8041SQ/883	719
5962R9683902VHA	F	07/06/2017	2	ANALOG (4)		Y	AD8041SL/QMLR	719
5962R9683902VPA	F	07/06/2017	2	ANALOG (4)		Y	AD8041SQ/QMLR	719
5962L9683903VHA	F	07/06/2017	2	ANALOG (4)		Y	AD8041SL/QMLL	719
5962H9684001VXC	A	12/08/2005		(NONE)			HX84050 (GEN)	618
5962-9684101HXC	B	03/24/2009		(NONE)			ADDC02812DA (GEN)	594
5962-9684201HXC	B	03/25/2009		(NONE)	08/29/2003		ADDC02815DA (GEN)	594
5962-9684301VXA	E	08/03/2016		(NONE)	07/17/2013		LM113 (GEN)	785
5962-9684301VZA	E	08/03/2016		(NONE)	07/19/2017		LM113 (GEN)	785
5962-9684302VXA	E	08/03/2016		(NONE)	07/17/2013		LM113-1 (GEN)	785
5962-9684302VZA	E	08/03/2016		(NONE)	07/19/2017		LM113-1 (GEN)	785
5962-9684303VXA	E	08/03/2016		(NONE)			LM113-2 (GEN)	785



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5962-9684401HXA	B	07/22/2014	1	DDC		Y SD-14591D2-142		594
5962-9684401HXC	B	07/22/2014	1	DDC		Y SD-14591D2-112		594
5962-9684401HYA	B	07/22/2014	1	DDC		Y SD-14591F2-142		594
5962-9684401HYC	B	07/22/2014	1	DDC		Y SD-14591F2-112		594
5962-9684402HXA	B	07/22/2014	1	DDC		Y SD-14591D2-144		594
5962-9684402HXC	B	07/22/2014	1	DDC		Y SD-14591D2-114		594
5962-9684402HYA	B	07/22/2014	1	DDC		Y SD-14591F2-144		594
5962-9684402HYC	B	07/22/2014	1	DDC		Y SD-14591F2-114		594
5962-9684403HXA	B	07/22/2014	1	DDC		Y SD-14591D3-142		594
5962-9684403HXC	B	07/22/2014	1	DDC		Y SD-14591D3-112		594
5962-9684403HYA	B	07/22/2014	1	DDC		Y SD-14591F3-142		594
5962-9684403HYC	B	07/22/2014	1	DDC		Y SD-14591F3-112		594
5962-9684404HXA	B	07/22/2014	1	DDC		Y SD-14591D3-144		594
5962-9684404HXC	B	07/22/2014	1	DDC		Y SD-14591D3-114		594
5962-9684404HYA	B	07/22/2014	1	DDC		Y SD-14591F3-144		594
5962-9684404HYC	B	07/22/2014	1	DDC		Y SD-14591F3-114		594
5962-9684405HXA	B	07/22/2014	1	DDC		Y SD-14592D2-142		594
5962-9684405HXC	B	07/22/2014	1	DDC		Y SD-14592D2-112		594
5962-9684405HYA	B	07/22/2014	1	DDC		Y SD-14592F2-142		594
5962-9684405HYC	B	07/22/2014	1	DDC		Y SD-14592F2-112		594
5962-9684406HXA	B	07/22/2014	1	DDC		Y SD-14592D2-144		594
5962-9684406HXC	B	07/22/2014	1	DDC		Y SD-14592D2-114		594
5962-9684406HYA	B	07/22/2014	1	DDC		Y SD-14592F2-144		594
5962-9684406HYC	B	07/22/2014	1	DDC		Y SD-14592F2-114		594
5962-9684407HXA	B	07/22/2014	1	DDC		Y SD-14592D2-145		594
5962-9684407HXC	B	07/22/2014	1	DDC		Y SD-14592D2-115		594
5962-9684407HYA	B	07/22/2014	1	DDC		Y SD-14592F2-145		594
5962-9684407HYC	B	07/22/2014	1	DDC		Y SD-14592F2-115		594
5962-9684408HXA	B	07/22/2014	1	DDC		Y SD-14592D3-142		594
5962-9684408HXC	B	07/22/2014	1	DDC		Y SD-14592D3-112		594
5962-9684408HYA	B	07/22/2014	1	DDC		Y SD-14592F3-142		594
5962-9684408HYC	B	07/22/2014	1	DDC		Y SD-14592F3-112		594
5962-9684409HXA	B	07/22/2014	1	DDC		Y SD-14592D3-144		594
5962-9684409HXC	B	07/22/2014	1	DDC		Y SD-14592D3-114		594
5962-9684409HYA	B	07/22/2014	1	DDC		Y SD-14592F3-144		594
5962-9684409HYC	B	07/22/2014	1	DDC		Y SD-14592F3-114		594
5962-9684410HXA	B	07/22/2014	1	DDC		Y SD-14592D3-145		594
5962-9684410HXC	B	07/22/2014	1	DDC		Y SD-14592D3-115		594
5962-9684410HYA	B	07/22/2014	1	DDC		Y SD-14592F3-145		594
5962-9684410HYC	B	07/22/2014	1	DDC		Y SD-14592F3-115		594
5962H9684501Q9A	E	08/05/2016	1	COBHAM		Y UT7C138C45_QDIE		618
5962H9684501V9A	E	08/05/2016	1	COBHAM		Y UT7C138C45_VDIE		618
5962H9684501QXA	E	08/05/2016	1	COBHAM		Y UT7C138C45GCAH		618
5962H9684501QXC	E	08/05/2016	1	COBHAM		Y UT7C138C45GCCCH		618
5962H9684501VXA	E	08/05/2016	1	COBHAM		Y UT7C138C45GCAH		618
5962H9684501VXC	E	08/05/2016	1	COBHAM		Y UT7C138C45GCCCH		618
5962H9684501QYA	E	08/05/2016	1	COBHAM		Y UT7C138C45WCAH		618
5962H9684501QYC	E	08/05/2016	1	COBHAM		Y UT7C138C45WCCH		618
5962H9684501VYA	E	08/05/2016	1	COBHAM		Y UT7C138C45WCAH		618

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5962H9684501VYC	E	08/05/2016	1	COBHAM		Y UT7C138C45WCCH		618
5962H9684502Q9A	E	08/05/2016	1	COBHAM		Y UT7C139C45_QDIE		629
5962H9684502V9A	E	08/05/2016	1	COBHAM		Y UT7C139C45_VDIE		629
5962H9684502QXA	E	08/05/2016	1	COBHAM		Y UT7C139C45GCAH		629
5962H9684502QXC	E	08/05/2016	1	COBHAM		Y UT7C139C45GCCH		629
5962H9684502VXA	E	08/05/2016	1	COBHAM		Y UT7C139C45GCAH		629
5962H9684502VXC	E	08/05/2016	1	COBHAM		Y UT7C139C45GCCH		629
5962H9684502QYA	E	08/05/2016	1	COBHAM		Y UT7C139C45WCAH		629
5962H9684502QYC	E	08/05/2016	1	COBHAM		Y UT7C139C45WCCH		629
5962H9684502VYA	E	08/05/2016	1	COBHAM		Y UT7C139C45WCAH		629
5962H9684502VYC	E	08/05/2016	1	COBHAM		Y UT7C139C45WCCH		629
5962H9684503QXA	E	08/05/2016	1	COBHAM		Y UT7C138C55GCAH		618
5962H9684503QXC	E	08/05/2016	1	COBHAM		Y UT7C138C55GCCH		618
5962H9684503VXA	E	08/05/2016	1	COBHAM		Y UT7C138C55GCAH		618
5962H9684503VXC	E	08/05/2016	1	COBHAM		Y UT7C138C55GCCH		618
5962H9684503QYA	E	08/05/2016	1	COBHAM		Y UT7C138C55WCAH		618
5962H9684503QYC	E	08/05/2016	1	COBHAM		Y UT7C138C55WCCH		618
5962H9684503VYA	E	08/05/2016	1	COBHAM		Y UT7C138C55WCAH		618
5962H9684503VYC	E	08/05/2016	1	COBHAM		Y UT7C138C55WCCH		618
5962H9684504QXA	E	08/05/2016	1	COBHAM		Y UT7C139C55GCAH		629
5962H9684504QXC	E	08/05/2016	1	COBHAM		Y UT7C139C55GCCH		629
5962H9684504VXA	E	08/05/2016	1	COBHAM		Y UT7C139C55GCAH		629
5962H9684504VXC	E	08/05/2016	1	COBHAM		Y UT7C139C55GCCH		629
5962H9684504QYA	E	08/05/2016	1	COBHAM		Y UT7C139C55WCAH		629
5962H9684504QYC	E	08/05/2016	1	COBHAM		Y UT7C139C55WCCH		629
5962H9684504VYA	E	08/05/2016	1	COBHAM		Y UT7C139C55WCAH		629
5962H9684504VYC	E	08/05/2016	1	COBHAM		Y UT7C139C55WCCH		629
5962-9684601QJA	C	01/12/2017		(NONE)		AD7892S (GEN)		592
5962-9684601QLA	C	01/12/2017	2	ANALOG (3)		Y AD7892SQ1/QML		592
5962H9684701QYC	B	12/08/2005		(NONE)		RX1750-01 (GEN)		409
5962H9684702QYC	B	12/08/2005		(NONE)		RX1750-02 (GEN)		409
5962-9684901QXA	C	06/25/2015	3	TI	09/26/2018	Y SNJ54LVTH16952WD		590
5962-9685001Q2A	C	01/28/2015	1	TI		Y SNJ54AHC540FK		529
5962-9685001QRA	C	01/28/2015		(NONE)	11/28/2015	54AHC540 (GEN)		529
5962-9685001QSA	C	01/28/2015	1	TI		Y SNJ54AHC540W		529
5962-9685101Q2A	D	05/27/2014		(NONE)	11/28/2015	54AHCT540 (GEN)		529
5962-9685101QRA	D	05/27/2014	1	TI		Y SNJ54AHCT540J		529
5962-9685101QSA	D	05/27/2014		(NONE)	11/28/2015	54AHCT540 (GEN)		529
5962-9685201HPA	D	07/11/2017	1	AVAGO		Y HCPL-5301#200		753
5962-9685201HPC	D	07/11/2017	1	AVAGO		Y HCPL-5301		753
5962-9685201KPA	D	07/11/2017	1	AVAGO		Y HCPL-530K#200		753
5962-9685201KPC	D	07/11/2017	1	AVAGO		Y HCPL-530K		753
5962-9685201HXA	D	07/11/2017	1	AVAGO		Y HCPL-5301#300		753
5962-9685201HYA	D	07/11/2017	1	AVAGO		Y HCPL-5301#100		753
5962-9685201HYC	D	07/11/2017	1	AVAGO		Y HCPL-5301#100		753
5962-9685301Q2A	D	05/27/2014	1	TI		Y SNJ54AHCT574FK		159
5962-9685301QRA	D	05/27/2014	1	TI		Y SNJ54AHCT574J		159
5962-9685301QSA	D	05/27/2014	1	TI		Y SNJ54AHCT574W		159
5962-9685401Q2A	B	07/28/2014	2	TI		Y SNJ54AHC574FK		159

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5962-9685401QRA	B	07/28/2014	2	TI		Y	SNJ54AHC574J	159
5962-9685401QSA	B	07/28/2014	2	TI		Y	SNJ54AHC574W	159
5962-9685501Q2A	D	06/25/2014		(NONE)	11/28/2015		54AHCT573 (GEN)	342
5962-9685501QRA	D	06/25/2014	1	TI		Y	SNJ54AHCT573J	342
5962-9685501QSA	D	06/25/2014	1	TI		Y	SNJ54AHCT573W	342
5962-9685601Q2A	B	06/25/2014	1	TI		Y	SNJ54AHC573FK	342
5962-9685601QRA	B	06/25/2014	1	TI		Y	SNJ54AHC573J	342
5962-9685601QSA	B	06/25/2014	1	TI		Y	SNJ54AHC573W	342
5962-9685701Q2A	C	11/28/2016	1	TI		Y	SNJ54AHC541FK	529
5962-9685701QRA	C	11/28/2016	1	TI		Y	SNJ54AHC541J	529
5962-9685701QSA	C	11/28/2016	1	TI		Y	SNJ54AHC541W	529
5962-9685801Q2A	D	07/28/2014	1	TI		Y	SNJ54AHCT541FK	529
5962-9685801QRA	D	07/28/2014	1	TI		Y	SNJ54AHCT541J	529
5962-9685801QSA	D	07/28/2014	1	TI		Y	SNJ54AHCT541W	529
5962-9686001Q2A	B	07/28/2014	2	TI		Y	SNJ54AHC74FK	158
5962-9686001QCA	B	07/28/2014	2	TI		Y	SNJ54AHC74J	158
5962-9686001QDA	B	07/28/2014	2	TI		Y	SNJ54AHC74W	158
5962-9686101Q2A	C	12/23/2014	2	TI		Y	SNJ54AHCT74FK	158
5962-9686101QCA	C	12/23/2014	2	TI		Y	SNJ54AHCT74J	158
5962-9686101QDA	C	12/23/2014	2	TI		Y	SNJ54AHCT74W	158
5962-9686201Q2A	B	12/23/2014	1	TI		Y	SNJ54AHC126FK	520
5962-9686201QCA	B	12/23/2014		(NONE)	11/28/2015		54AHC126 (GEN)	520
5962-9686201QDA	B	12/23/2014	1	TI		Y	SNJ54AHC126W	520
5962-9686301Q2A	D	01/28/2015		(NONE)	11/28/2015		54AHCT126 (GEN)	520
5962-9686301QCA	D	01/28/2015		(NONE)	11/28/2015		54AHCT126 (GEN)	520
5962-9686301QDA	D	01/28/2015	2	TI		Y	SNJ54AHCT126W	520
5962-9686401Q2A	B	07/21/2014	2	TI		Y	SNJ54AHC374FK	159
5962-9686401QRA	B	07/21/2014	2	TI		Y	SNJ54AHC374J	159
5962-9686401QSA	B	07/21/2014	2	TI		Y	SNJ54AHC374W	159
5962-9686501Q2A	D	03/26/2015	2	TI		Y	SNJ54AHCT374FK	159
5962-9686501QRA	D	03/26/2015	2	TI		Y	SNJ54AHCT374J	159
5962-9686501QSA	D	03/26/2015	2	TI		Y	SNJ54AHCT374W	159
5962-9686601Q2A	B	03/26/2015	2	TI		Y	SNJ54AHC373FK	159
5962-9686601QRA	B	03/26/2015	2	TI		Y	SNJ54AHC373J	159
5962-9686601QSA	B	03/26/2015	2	TI		Y	SNJ54AHC373W	159
5962-9686701Q2A	D	03/25/2015	2	TI		Y	SNJ54AHCT373FK	159
5962-9686701QRA	D	03/25/2015	2	TI		Y	SNJ54AHCT373J	159
5962-9686701QSA	D	03/25/2015	2	TI		Y	SNJ54AHCT373W	159
5962-9686801Q2A	B	02/03/2015	1	TI		Y	SNJ54AHC125FK	569
5962-9686801QCA	B	02/03/2015	1	TI		Y	SNJ54AHC125J	569
5962-9686801QDA	B	02/03/2015	1	TI		Y	SNJ54AHC125W	569
5962-9686901Q2A	D	05/21/2015	1	TI		Y	SNJ54AHCT125FK	529
5962-9686901QCA	D	05/21/2015	1	TI		Y	SNJ54AHCT125J	529
5962-9686901QDA	D	05/21/2015		(NONE)	11/28/2015		54AHCT125 (GEN)	529
5962-9687001QXA	D	09/21/2016	2	E2V		Y	54ABT16500W-QML	590
5962H9687301QXA	B	11/25/2013		(NONE)	06/30/2012		28F64T-35 (GEN)	659
5962H9687301VXA	B	11/25/2013		(NONE)	06/30/2012		28F64T-35 (GEN)	659
5962H9687301QYA	B	11/25/2013		(NONE)	06/30/2012		28F64T-35 (GEN)	659
5962H9687301VYA	B	11/25/2013		(NONE)	06/30/2012		28F64T-35 (GEN)	659

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5962H9687302QXA	B	11/25/2013		(NONE)	06/30/2012		28F64T-45 (GEN)	659
5962H9687302VXA	B	11/25/2013		(NONE)	06/30/2012		28F64T-45 (GEN)	659
5962H9687302QYA	B	11/25/2013		(NONE)	06/30/2012		28F64T-45 (GEN)	659
5962H9687302VYA	B	11/25/2013		(NONE)	06/30/2012		28F64T-45 (GEN)	659
5962-9687601MPA	A	10/07/2009		(NONE)	03/06/2001		CLC111 (GEN)	899
5962H9687701QXC	D	06/25/2014		(NONE)			1M8C40 (GEN)	625
5962H9687701VXC	D	06/25/2014		(NONE)			1M8C40 (GEN)	625
5962H9687702QXC	D	06/25/2014		(NONE)			1M8T40 (GEN)	625
5962H9687702VXC	D	06/25/2014		(NONE)			1M8T40 (GEN)	625
5962H9687703QXC	D	06/25/2014		(NONE)			1M8C30 (GEN)	625
5962H9687703VXC	D	06/25/2014		(NONE)			1M8C30 (GEN)	625
5962H9687703QYC	D	06/25/2014		(NONE)			1M8C30 (GEN)	625
5962H9687703VYC	D	06/25/2014		(NONE)			1M8C30 (GEN)	625
5962H9687704QXC	D	06/25/2014		(NONE)			1M8T30 (GEN)	625
5962H9687704VXC	D	06/25/2014		(NONE)			1M8T30 (GEN)	625
5962H9687704QYC	D	06/25/2014		(NONE)			1M8T30 (GEN)	625
5962H9687704VYC	D	06/25/2014		(NONE)			1M8T30 (GEN)	625
5962H9687705QXC	D	06/25/2014		(NONE)			1M8C25 (GEN)	625
5962H9687705VXC	D	06/25/2014		(NONE)			1M8C25 (GEN)	625
5962H9687705QYC	D	06/25/2014		(NONE)			1M8C25 (GEN)	625
5962H9687705VYC	D	06/25/2014		(NONE)			1M8C25 (GEN)	625
5962H9687706QXC	D	06/25/2014		(NONE)			1M8T25 (GEN)	625
5962H9687706VXC	D	06/25/2014		(NONE)			1M8T25 (GEN)	625
5962H9687706QYC	D	06/25/2014		(NONE)			1M8T25 (GEN)	625
5962H9687706VYC	D	06/25/2014		(NONE)			1M8T25 (GEN)	625
5962-9687801QEA	C	05/14/2009		(NONE)	12/31/2001		54365 (GEN)	522
5962-9687802QEA	C	05/14/2009		(NONE)	03/05/2011		54366 (GEN)	523
5962-9687802QFA	C	05/14/2009		(NONE)	03/05/2011		54366 (GEN)	523
5962-9687803QEA	C	05/14/2009		(NONE)	12/31/2001		54367A (GEN)	522
5962-9687803QFA	C	05/14/2009		(NONE)	12/31/2001		54367A (GEN)	522
5962-9687804QEA	C	05/14/2009		(NONE)	12/31/2001		54368A (GEN)	523
5962-9687804QFA	C	05/14/2009		(NONE)	12/31/2001		54368A (GEN)	523
5962-9687901QEA	A	01/26/2010		(NONE)	09/04/2001		LM2595J-3.3 (GEN)	782
5962-9688001QXA	A	02/11/2003		(NONE)			54ACTQ16240 (GEN)	529
5962-9688101Q2A	B	01/09/2008		(NONE)	11/28/2015		TLV2352M (GEN)	776
5962-9688101QHA	B	01/09/2008		(NONE)	11/28/2015		TLV2352M (GEN)	776
5962-9688101QPA	B	01/09/2008	1	TI		Y	TLV2352MJGB	776
5962-9688201Q2A	B	01/09/2008	1	TI		Y	TLV2354MFKB	776
5962-9688201QCA	B	01/09/2008	1	TI		Y	TLV2354MJB	776
5962-9688201QDA	B	01/09/2008	1	TI		Y	TLV2354MWB	776
5962-9688401QEA	B	08/25/2010		(NONE)	12/01/2004		LM3940 (GEN)	789
5962-9688401QXA	B	08/25/2010		(NONE)	12/01/2004		LM3940 (GEN)	789
5962-9688601QRA	C	04/24/2015	1	TI		Y	TLC2543MJB	592
5962-9688701HXA	G	03/19/2013		(NONE)			BU61582 (GEN)	599
5962-9688701HYA	G	03/19/2013		(NONE)			BU61582 (GEN)	599
5962-9688701HZA	G	03/19/2013		(NONE)			BU61582 (GEN)	599
5962-9688702HXA	G	03/19/2013		(NONE)			BU61582 (GEN)	599
5962-9688702HYA	G	03/19/2013		(NONE)			BU61582 (GEN)	599
5962-9688702HZA	G	03/19/2013		(NONE)			BU61582 (GEN)	599

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5962-9688703HXA	G	03/19/2013		(NONE)			BU61583 (GEN)	599
5962-9688703HYA	G	03/19/2013		(NONE)			BU61583 (GEN)	599
5962-9688703HZA	G	03/19/2013		(NONE)			BU61583 (GEN)	599
5962-9688704HXA	G	03/19/2013		(NONE)			BU61583 (GEN)	599
5962-9688704HYA	G	03/19/2013		(NONE)			BU61583 (GEN)	599
5962-9688704HZA	G	03/19/2013		(NONE)			BU61583 (GEN)	599
5962-9688705HXA	G	03/19/2013		(NONE)			BU61582 (GEN)	599
5962-9688705HYA	G	03/19/2013		(NONE)			BU61582 (GEN)	599
5962-9688705HZA	G	03/19/2013		(NONE)			BU61582 (GEN)	599
5962-9688706HXA	G	03/19/2013		(NONE)			BU61583 (GEN)	599
5962-9688706HYA	G	03/19/2013		(NONE)			BU61583 (GEN)	599
5962-9688706HZA	G	03/19/2013		(NONE)			BU61583 (GEN)	599
5962-9688707HXA	G	03/19/2013		(NONE)			BU61582D3 (GEN)	599
5962-9688707HYA	G	03/19/2013		(NONE)			BU61582F3 (GEN)	599
5962-9688707HZA	G	03/19/2013		(NONE)			BU61582G3 (GEN)	599
5962-9688708HUA	G	03/19/2013	1	DDC		Y	BU63825F1-140	599
5962-9688708HUC	G	03/19/2013	1	DDC		Y	BU63825F1-110	599
5962-9688708KUA	G	03/19/2013	1	DDC		Y	BU63825F1-451L	599
5962-9688708KUC	G	03/19/2013	1	DDC		Y	BU63825F1-431L	599
5962-9688708HXA	G	03/19/2013	1	DDC		Y	BU63825D1-140	599
5962-9688708HXC	G	03/19/2013	1	DDC		Y	BU63825D1-110	599
5962-9688708HZA	G	03/19/2013	1	DDC		Y	BU63825G1-140	599
5962-9688708HZA	G	03/19/2013	1	DDC		Y	BU63825G1-110	599
5962-9688708HZA	G	03/19/2013	1	DDC		Y	BU63825G1-608	599
5962-9688709HUA	G	03/19/2013	1	DDC		Y	BU63825F2-140	599
5962-9688709HUC	G	03/19/2013	1	DDC		Y	BU63825F2-110	599
5962-9688709HXA	G	03/19/2013	1	DDC		Y	BU63825D2-140	599
5962-9688709HXC	G	03/19/2013	1	DDC		Y	BU63825D2-110	599
5962-9688709HZA	G	03/19/2013	1	DDC		Y	BU63825G2-140	599
5962-9688709HZA	G	03/19/2013	1	DDC		Y	BU63825G2-110	599
5962-9688710HUA	G	03/19/2013	1	DDC		Y	BU63925F1-140	599
5962-9688710HUC	G	03/19/2013	1	DDC		Y	BU63925F1-110	599
5962-9688710HXA	G	03/19/2013	1	DDC		Y	BU63925D1-140	599
5962-9688710HXC	G	03/19/2013	1	DDC		Y	BU63925D1-110	599
5962-9688710HZA	G	03/19/2013	1	DDC		Y	BU63925G1-140	599
5962-9688710HZA	G	03/19/2013	1	DDC		Y	BU63925G1-110	599
5962-9688711HUA	G	03/19/2013	1	DDC		Y	BU63925F2-140	599
5962-9688711HUC	G	03/19/2013	1	DDC		Y	BU63925F2-110	599
5962-9688711HXA	G	03/19/2013	1	DDC		Y	BU63925D2-140	599
5962-9688711HXC	G	03/19/2013	1	DDC		Y	BU63925D2-110	599
5962-9688711HZA	G	03/19/2013	1	DDC		Y	BU63925G2-140	599
5962-9688711HZA	G	03/19/2013	1	DDC		Y	BU63925G2-110	599
5962-9688712HUA	G	03/19/2013	1	DDC		Y	BU63825F0-140	599
5962-9688712HUC	G	03/19/2013	1	DDC		Y	BU63825F0-110	599
5962-9688712HXA	G	03/19/2013	1	DDC		Y	BU63825D0-140	599
5962-9688712HXC	G	03/19/2013	1	DDC		Y	BU63825D0-110	599
5962-9688712HZA	G	03/19/2013	1	DDC		Y	BU63825G0-140	599
5962-9688712HZA	G	03/19/2013	1	DDC		Y	BU63825G0-110	599
5962-9688713HUA	G	03/19/2013	1	DDC		Y	BU63925F0-140	599



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5962-9688713HUC	G	03/19/2013	1	DDC		Y BU63925F0-110		599
5962-9688713HXA	G	03/19/2013	1	DDC		Y BU63925D0-140		599
5962-9688713HXC	G	03/19/2013	1	DDC		Y BU63925D0-110		599
5962-9688713HZA	G	03/19/2013	1	DDC		Y BU63925G0-140		599
5962-9688713HZC	G	03/19/2013	1	DDC		Y BU63925G0-110		599
5962-9688714HUA	G	03/19/2013	0	DDC		Y BU63825F3-140		599
5962-9688714HUC	G	03/19/2013	0	DDC		Y BU63825F3-110		599
5962-9688714KUA	G	03/19/2013	0	DDC		Y BUK3825F3-451L		599
5962-9688714KUC	G	03/19/2013	0	DDC		Y BUK3825F3-431L		599
5962-9688714HXA	G	03/19/2013	0	DDC		Y BU63825D3-140		599
5962-9688714HXC	G	03/19/2013	0	DDC		Y BU63825D3-110		599
5962-9688714KXA	G	03/19/2013	0	DDC		Y BUK3825D3-451L		599
5962-9688714KXC	G	03/19/2013	0	DDC		Y BUK3825D3-431L		599
5962-9688714HZA	G	03/19/2013	0	DDC		Y BU63825G3-140		599
5962-9688714HZC	G	03/19/2013	0	DDC		Y BU63825G3-110		599
5962-9688714KZA	G	03/19/2013	0	DDC		Y BUK3825G3-451L		599
5962-9688714KZC	G	03/19/2013	0	DDC		Y BUK3825G3-431L		599
5962-9688715HUA	G	03/19/2013	0	DDC		Y BU63825F6-140		599
5962-9688715HUC	G	03/19/2013	0	DDC		Y BU63825F6-110		599
5962-9688715KUA	G	03/19/2013	0	DDC		Y BUK3825F6-451L		599
5962-9688715KUC	G	03/19/2013	0	DDC		Y BUK3825F6-431L		599
5962-9688715HXA	G	03/19/2013	0	DDC		Y BU63825D6-140		599
5962-9688715HXC	G	03/19/2013	0	DDC		Y BU63825D6-110		599
5962-9688715KXA	G	03/19/2013	0	DDC		Y BUK3825D6-451L		599
5962-9688715KXC	G	03/19/2013	0	DDC		Y BUK3825D6-431L		599
5962-9688715HZA	G	03/19/2013	0	DDC		Y BU63825G6-140		599
5962-9688715HZC	G	03/19/2013	0	DDC		Y BU63825G6-110		599
5962-9688715KZA	G	03/19/2013	0	DDC		Y BUK3825G6-451L		599
5962-9688715KZC	G	03/19/2013	0	DDC		Y BUK3825G6-431L		599
5962-9688716HUA	G	03/19/2013	0	DDC		Y BU63925F3-140		599
5962-9688716HUC	G	03/19/2013	0	DDC		Y BU63925F3-110		599
5962-9688716HXA	G	03/19/2013	0	DDC		Y BU63925D3-140		599
5962-9688716HXC	G	03/19/2013	0	DDC		Y BU63925D3-110		599
5962-9688716HZA	G	03/19/2013	0	DDC		Y BU63925G3-140		599
5962-9688716HZC	G	03/19/2013	0	DDC		Y BU63925G3-110		599
5962-9688717HUA	G	03/19/2013	0	DDC		Y BU63925F6-140		599
5962-9688717HUC	G	03/19/2013	0	DDC		Y BU63925F6-110		599
5962-9688717HXA	G	03/19/2013	0	DDC		Y BU63925D6-140		599
5962-9688717HXC	G	03/19/2013	0	DDC		Y BU63925D6-110		599
5962-9688717HZA	G	03/19/2013	0	DDC		Y BU63925G6-140		599
5962-9688717HZC	G	03/19/2013	0	DDC		Y BU63925G6-110		599
5962-9688901Q9A	B	10/01/2014		(NONE)		4C1004 (GEN)		629
5962-9688902Q9A	B	10/01/2014		(NONE)		4C1004 (GEN)		629
5962-9689001QXA	C	09/21/2016	1	TI	09/26/2018	Y SNJ54GTL16612WD		590
5962R9689101QXC	E	03/24/2015	1C	BAE SYSTEMS		Y LMP2568C-Q45X		662
5962R9689101VXC	E	03/24/2015	1C	BAE SYSTEMS		Y LMP2568C-V45X		662
5962R9689102QXC	E	03/24/2015	1C	BAE SYSTEMS		Y LMP2568T-Q45X		662
5962R9689102VXC	E	03/24/2015	1C	BAE SYSTEMS		Y LMP2568T-V45X		662
5962H9689103QXA	E	03/24/2015		(NONE)		28F256-45 (GEN)		662

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5962H9689103VXA	E	03/24/2015		(NONE)			28F256-45 (GEN)	662
5962H9689103QYA	E	03/24/2015		(NONE)			28F256-45 (GEN)	662
5962H9689103VYA	E	03/24/2015		(NONE)			28F256-45 (GEN)	662
5962H9689104QXA	E	03/24/2015		(NONE)			28F256-40 (GEN)	662
5962H9689104VXA	E	03/24/2015		(NONE)			28F256-40 (GEN)	662
5962H9689104QYA	E	03/24/2015		(NONE)			28F256-40 (GEN)	662
5962H9689104VYA	E	03/24/2015		(NONE)			28F256-40 (GEN)	662
5962H9689105QXA	E	03/24/2015		(NONE)			28F256QL-45 (GEN)	662
5962H9689105VXA	E	03/24/2015		(NONE)			28F256QL-45 (GEN)	662
5962H9689106QXA	E	03/24/2015		(NONE)			28F256QL-40 (GEN)	662
5962H9689106VXA	E	03/24/2015		(NONE)			28F256QL-40 (GEN)	662
5962F9689107QXA	E	03/24/2015		(NONE)			28F256QL-45 (GEN)	662
5962F9689107VXA	E	03/24/2015		(NONE)			28F256QL-45 (GEN)	662
5962F9689108QXA	E	03/24/2015		(NONE)			28F256QL-40 (GEN)	662
5962F9689108VXA	E	03/24/2015		(NONE)			28F256QL-40 (GEN)	662
5962H9689109QXA	E	03/24/2015	1	COBHAM		Y	UT28F256QLET-45UCAH	662
5962H9689109QXC	E	03/24/2015	1	COBHAM		Y	UT28F256QLET-45UCCH	662
5962H9689109VXA	E	03/24/2015	1	COBHAM		Y	UT28F256QLET-45UCAH	662
5962H9689109VXC	E	03/24/2015	1	COBHAM		Y	UT28F256QLET-45UCCH	662
5962F9689110QXA	E	03/24/2015	1	COBHAM		Y	UT28F256QLET-45UCAF	662
5962F9689110QXC	E	03/24/2015	1	COBHAM		Y	UT28F256QLET-45UCCF	662
5962F9689110VXA	E	03/24/2015	1	COBHAM		Y	UT28F256QLET-45UCAF	662
5962F9689110VXC	E	03/24/2015	1	COBHAM		Y	UT28F256QLET-45UCCF	662
5962R9689111QXC	E	03/24/2015	1	BAE SYSTEMS		Y	BAEP2568C-Q50X	662
5962R9689111VXC	E	03/24/2015	1	BAE SYSTEMS		Y	BAEP2568C-V50X	662
5962R9689112QXC	E	03/24/2015	1	BAE SYSTEMS		Y	BAEP2568T-Q50X	662
5962R9689112VXC	E	03/24/2015	1	BAE SYSTEMS		Y	BAEP2568T-V50X	662
5962-9689201VJA	C	01/29/2014	2	ANALOG (4)		Y	AD565ASD/QMLV	591
5962-9689201VKA	C	01/29/2014		(NONE)			565AS (GEN)	591
5962-9689201VLA	C	01/29/2014		(NONE)			565AS (GEN)	591
5962-9689202VJA	C	01/29/2014	2	ANALOG (4)		Y	AD565ATD/QMLV	591
5962-9689202VLA	C	01/29/2014		(NONE)			565AT (GEN)	591
5962-9689301QXA	C	03/12/2014	3	TI		Y	SNJ55976A1WD	590
5962-9689301NYD	C	03/12/2014		(NONE)			55976A1 (GEN)	590
5962-9689302QXA	C	03/12/2014		(NONE)	11/28/2015		55976A2 (GEN)	590
5962-9689302NYD	C	03/12/2014		(NONE)			55976A2 (GEN)	590
5962-9689401Q2A	A	06/17/2010		(NONE)	06/30/2004		TLV1543 (GEN)	592
5962-9689401QRA	A	06/17/2010		(NONE)	06/30/2004		TLV1543 (GEN)	592
5962-9689501Q3A		05/06/1997		(NONE)	03/08/2003		7B923 (GEN)	579
5962-9689601Q3A		05/06/1997		(NONE)	03/08/2003		7B933 (GEN)	579
5962-9689701HXA	D	07/22/2014		(NONE)			MSK167B (GEN)	739
5962-9689701HXC	D	07/22/2014	1	ANAREN		Y	MSK167B	739
5962-9689703HXA	D	07/22/2014		(NONE)			MSK167B (GEN)	739
5962-9689703HXC	D	07/22/2014		(NONE)			MSK167B (GEN)	739
5962-9689704HXC	D	07/22/2014	1	ANAREN		Y	MSK167H	739
5962-9689801HXA	B	07/22/2014	3B	CRANE		Y	MHF+2828S/883	594
5962-9689801HXC	B	07/22/2014	3B	CRANE		Y	MHF+2828S/883	594
5962-9689801HZA	B	07/22/2014	3B	CRANE		Y	MHF+2828SF/883	594
5962-9689801HZA	B	07/22/2014	3B	CRANE		Y	MHF+2828SF/883	594

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5962-9689901HUA	C	08/06/2013	1C	INTER. RECT.2		Y AFL2828SW/CH		594
5962-9689901HUC	C	08/06/2013	1C	INTER. RECT.2		Y AFL2828SW/CH		594
5962-9689901HXA	C	08/06/2013	1C	INTER. RECT.2		Y AFL2828SX/CH		594
5962-9689901HXC	C	08/06/2013	1C	INTER. RECT.2		Y AFL2828SX/CH		594
5962-9689901HYA	C	08/06/2013	1C	INTER. RECT.2		Y AFL2828SY/CH		594
5962-9689901HYC	C	08/06/2013	1C	INTER. RECT.2		Y AFL2828SY/CH		594
5962-9689901HZA	C	08/06/2013	1C	INTER. RECT.2		Y AFL2828SZ/CH		594
5962-9689901HZA	C	08/06/2013	1C	INTER. RECT.2		Y AFL2828SZ/CH		594
5962-9690001H9A	F	11/10/2003		(NONE)	03/15/2013	128K16-72 (GEN)		699
5962-9690001HBA	F	11/10/2003		(NONE)	03/15/2013	128K16-72 (GEN)		699
5962-9690001HMA	F	11/10/2003		(NONE)	03/15/2013	128K16-72 (GEN)		699
5962-9690001HXA	F	11/10/2003		(NONE)	03/15/2013	128K16-72 (GEN)		699
5962-9690001HYA	F	11/10/2003		(NONE)	03/15/2013	128K16-72 (GEN)		699
5962-9690002H9A	F	11/10/2003		(NONE)	03/15/2013	128K16-37 (GEN)		699
5962-9690002HBA	F	11/10/2003		(NONE)	03/15/2013	128K16-37 (GEN)		699
5962-9690002HMA	F	11/10/2003		(NONE)	03/15/2013	128K16-37 (GEN)		699
5962-9690002HXA	F	11/10/2003		(NONE)	03/15/2013	128K16-37 (GEN)		699
5962-9690002HYA	F	11/10/2003		(NONE)	03/15/2013	128K16-37 (GEN)		699
5962-9690101HMA	D	04/29/2004		(NONE)	03/15/2013	512K16-72 (GEN)		600
5962-9690101HXA	D	04/29/2004		(NONE)	03/15/2013	512K16-72 (GEN)		600
5962-9690102HMA	D	04/29/2004		(NONE)	03/15/2013	512K16-39 (GEN)		600
5962-9690102HXA	D	04/29/2004		(NONE)	03/15/2013	512K16-39 (GEN)		600
5962-9690201HMA	F	10/25/2004		(NONE)		256K16-35 (GEN)		600
5962-9690201HNA	F	10/25/2004		(NONE)		256K16-35 (GEN)		600
5962-9690201HTA	F	10/25/2004		(NONE)		256K16-35 (GEN)		600
5962-9690202HMA	F	10/25/2004		(NONE)		256K16-25 (GEN)		600
5962-9690202HNA	F	10/25/2004		(NONE)		256K16-25 (GEN)		600
5962-9690202HTA	F	10/25/2004		(NONE)		256K16-25 (GEN)		600
5962-9690203HMA	F	10/25/2004		(NONE)		256K16-20 (GEN)		600
5962-9690203HNA	F	10/25/2004		(NONE)		256K16-20 (GEN)		600
5962-9690203HTA	F	10/25/2004		(NONE)		256K16-20 (GEN)		600
5962-9690204HMA	F	10/25/2004		(NONE)		256K16-17 (GEN)		600
5962-9690204HNA	F	10/25/2004		(NONE)		256K16-17 (GEN)		600
5962-9690204HTA	F	10/25/2004		(NONE)		256K16-17 (GEN)		600
5962-9690301Q2A	C	03/24/2011	1	TI		Y SNJ55107AFK		570
5962-9690301QCA	C	03/24/2011	1	TI		Y SNJ55107AJ		570
5962-9690301QDA	C	03/24/2011	1	TI		Y SNJ55107AW		570
5962-9690302Q2A	C	03/24/2011		(NONE)	05/01/1998	55108A (GEN)		570
5962-9690302QCA	C	03/24/2011		(NONE)	05/01/1998	55108A (GEN)		570
5962-9690302QDA	C	03/24/2011		(NONE)	05/01/1998	55108A (GEN)		570
5962-9690303Q2A	C	03/24/2011	0	SRI		Y GEM42503Q2A		570
5962-9690303Q2C	C	03/24/2011	0	SRI		Y GEM42503Q2C		570
5962-9690303QCA	C	03/24/2011	0	SRI		Y GEM42503QCA		570
5962-9690303QCC	C	03/24/2011	0	SRI		Y GEM42503QCC		570
5962-96A0101V9A	J	04/12/2010	1	RENESAS		Y HS0-REF10RH-Q		365
5962-96A0101VXC	J	04/12/2010	1	RENESAS		Y HS9-REF10RH-Q		365
5962-96A0102V9A	J	04/12/2010	1	RENESAS		Y HS0-REF10ARH-Q		365
5962-96A0102VYC	J	04/12/2010	1	RENESAS		Y HS9-REF10ARH-Q		365
5962-96A0201V9A	E	10/16/2001		(NONE)	12/10/2015	HS-CMP05 (GEN)		365

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5962-96A0201VXC	E	10/16/2001		(NONE)	12/10/2015		HS-CMP05 (GEN)	365
5962-96A0301V9A	D	10/16/2001		(NONE)	12/10/2015		HS-REF05 (GEN)	365
5962-96A0301VXC	D	10/16/2001		(NONE)	12/10/2015		HS-REF05 (GEN)	365
5962-96A0401QXC		11/03/1999		(NONE)	12/31/2010		9880-025 (GEN)	365
5962-96A0501QXC		08/20/1997		(NONE)			11110-001 (GEN)	365
5962-96A0601QXC		08/20/1997		(NONE)			6568-009 (GEN)	365
5962-96A0801QXA	A	12/09/1996		(NONE)			9868-056 (GEN)	365
5962-96A0901QXA		08/20/1996		(NONE)			9868-062 (GEN)	365
5962-96A1001QXA		08/23/1996		(NONE)			9872-030 (GEN)	365
5962H96A1301QXC		12/01/1997		(NONE)			22017396 (GEN)	365
5962H96A1401QXC	B	07/16/2014		(NONE)			22017393 (GEN)	365
5962H96A1501QXC	C	07/16/2014		(NONE)			22017399 (GEN)	365
5962H96A1601QXC	A	12/12/1997		(NONE)			22017974 (GEN)	365
5962-96A1701QXA		02/26/1997		(NONE)	12/31/2010		6580-016 (GEN)	365
5962-96A1801QXA	A	03/20/1998		(NONE)			8784-001 (GEN)	365
5962-96A1901QXA		03/03/1997		(NONE)			8731-001 (GEN)	365
5962-96B0101Q*A	C	12/15/2010		(NONE)			TGC2016 (GEN)	368
5962-96B0102Q*A	C	12/15/2010		(NONE)			TGC2019 (GEN)	368
5962-96B0103Q*A	C	12/15/2010		(NONE)			TGC2030 (GEN)	368
5962-96B0104Q*A	C	12/15/2010		(NONE)			TGC2036 (GEN)	368
5962-96B0105Q*A	C	12/15/2010		(NONE)			TGC2046 (GEN)	368
5962-96B0106Q*A	C	12/15/2010		(NONE)			TGC2053 (GEN)	368
5962-96B0107Q*A	C	12/15/2010		(NONE)			TGC2068 (GEN)	368
5962-96B0108Q*A	C	12/15/2010		(NONE)			TGC2086 (GEN)	368
5962-96B0109Q*A	C	12/15/2010		(NONE)			TGC2113 (GEN)	368
5962-96B0110Q*A	C	12/15/2010		(NONE)			TGC2154 (GEN)	368
5962-96B0111Q*A	C	12/15/2010		(NONE)			TGC2191 (GEN)	368
5962-96B0112Q*A	C	12/15/2010		(NONE)			TGC2245 (GEN)	368
5962H96B0201Q*A	C	06/18/2001		(NONE)			UT25E/R (GEN)	368
5962H96B0201V*A	C	06/18/2001		(NONE)			UT25E/R (GEN)	368
5962H96B0202Q*A	C	06/18/2001		(NONE)			UT25E/R (GEN)	368
5962H96B0202V*A	C	06/18/2001		(NONE)			UT25E/R (GEN)	368
5962H96B0203Q*A	C	06/18/2001		(NONE)			UT25E/R (GEN)	368
5962H96B0203V*A	C	06/18/2001		(NONE)			UT25E/R (GEN)	368
5962H96B0204Q*A	C	06/18/2001		(NONE)			UT25E/R (GEN)	368
5962H96B0204V*A	C	06/18/2001		(NONE)			UT25E/R (GEN)	368
5962H96B0205Q*A	C	06/18/2001		(NONE)			UT25E/R (GEN)	368
5962H96B0205V*A	C	06/18/2001		(NONE)			UT25E/R (GEN)	368
5962H96B0206Q*A	C	06/18/2001		(NONE)			UT35E/R (GEN)	368
5962H96B0206V*A	C	06/18/2001		(NONE)			UT35E/R (GEN)	368
5962H96B0206Q9A	C	06/18/2001		(NONE)			UT35E/R (GEN)	368
5962H96B0206V9A	C	06/18/2001		(NONE)			UT35E/R (GEN)	368
5962H96B0207Q*A	C	06/18/2001		(NONE)			UT75E/R (GEN)	368
5962H96B0207V*A	C	06/18/2001		(NONE)			UT75E/R (GEN)	368
5962H96B0208Q*A	C	06/18/2001		(NONE)			UT100E/R (GEN)	368
5962H96B0208V*A	C	06/18/2001		(NONE)			UT100E/R (GEN)	368
5962R96B0209Q*C	C	06/18/2001		(NONE)			UT25 (GEN)	368
5962R96B0209V*C	C	06/18/2001		(NONE)			UT25 (GEN)	368
5962R96B0210Q*C	C	06/18/2001		(NONE)			UT25 (GEN)	368

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5962R96B0210V*C	C	06/18/2001		(NONE)		UT25 (GEN)		368
5962R96B0211Q*C	C	06/18/2001		(NONE)		UT25 (GEN)		368
5962R96B0211V*C	C	06/18/2001		(NONE)		UT25 (GEN)		368
5962R96B0212Q*C	C	06/18/2001		(NONE)		UT25 (GEN)		368
5962R96B0212V*C	C	06/18/2001		(NONE)		UT25 (GEN)		368
5962R96B0213Q*C	C	06/18/2001		(NONE)		UT35 (GEN)		368
5962R96B0213V*C	C	06/18/2001		(NONE)		UT35 (GEN)		368
5962R96B0214Q*C	C	06/18/2001		(NONE)		UT75 (GEN)		368
5962R96B0214V*C	C	06/18/2001		(NONE)		UT75 (GEN)		368
5962R96B0215Q*C	C	06/18/2001		(NONE)		UT150 (GEN)		368
5962R96B0215V*C	C	06/18/2001		(NONE)		UT150 (GEN)		368
5962R96B0216Q*C	C	06/18/2001		(NONE)		UT200 (GEN)		368
5962R96B0216V*C	C	06/18/2001		(NONE)		UT200 (GEN)		368
5962R96B0217Q*C	C	06/18/2001		(NONE)		UT250 (GEN)		368
5962R96B0217V*C	C	06/18/2001		(NONE)		UT250 (GEN)		368
5962R96B0218Q*C	C	06/18/2001		(NONE)		UT300 (GEN)		368
5962R96B0218V*C	C	06/18/2001		(NONE)		UT300 (GEN)		368
5962R96B0219Q*C	C	06/18/2001		(NONE)		UT350 (GEN)		368
5962R96B0219V*C	C	06/18/2001		(NONE)		UT350 (GEN)		368
5962R96B0220Q*C	C	06/18/2001		(NONE)		UT400 (GEN)		368
5962R96B0220V*C	C	06/18/2001		(NONE)		UT400 (GEN)		368
5962R96B0221Q*C	C	06/18/2001		(NONE)		UT450 (GEN)		368
5962R96B0221V*C	C	06/18/2001		(NONE)		UT450 (GEN)		368
5962R96B0222Q*C	C	06/18/2001		(NONE)		UT500 (GEN)		368
5962R96B0222V*C	C	06/18/2001		(NONE)		UT500 (GEN)		368
5962R96B0223Q*C	C	06/18/2001		(NONE)		UT550 (GEN)		368
5962R96B0223V*C	C	06/18/2001		(NONE)		UT550 (GEN)		368
5962R96B0224Q*C	C	06/18/2001		(NONE)		UT600 (GEN)		368
5962R96B0224V*C	C	06/18/2001		(NONE)		UT600 (GEN)		368
5962H96B0301V8C	P	01/16/2018	1	HONEYWELL (1)		Y HX2080		365
5962H96B0301QUC	P	01/16/2018	1	HONEYWELL (1)		Y HX2080		365
5962H96B0301VUC	P	01/16/2018	1	HONEYWELL (1)		Y HX2080		365
5962H96B0301QZC	P	01/16/2018	1	HONEYWELL (1)		Y HX2080		365
5962H96B0301VZC	P	01/16/2018	1	HONEYWELL (1)		Y HX2080		365
5962H96B0302Q4C	P	01/16/2018	1	HONEYWELL (1)		Y HX2160		365
5962H96B0302V4C	P	01/16/2018	1	HONEYWELL (1)		Y HX2160		365
5962H96B0302Q6C	P	01/16/2018	1	HONEYWELL (1)		Y HX2160		365
5962H96B0302V6C	P	01/16/2018	1	HONEYWELL (1)		Y HX2160		365
5962H96B0302VNC	P	01/16/2018	1	HONEYWELL (1)		Y HX2160		365
5962H96B0302QTC	P	01/16/2018	1	HONEYWELL (1)		Y HX2160		365
5962H96B0302VTC	P	01/16/2018	1	HONEYWELL (1)		Y HX2160		365
5962H96B0302QUC	P	01/16/2018	1	HONEYWELL (1)		Y HX2160		365
5962H96B0302VUC	P	01/16/2018	1	HONEYWELL (1)		Y HX2160		365
5962H96B0302QZC	P	01/16/2018	1	HONEYWELL (1)		Y HX2160		365
5962H96B0302VZC	P	01/16/2018	1	HONEYWELL (1)		Y HX2160		365
5962H96B0303Q6C	P	01/16/2018	1	HONEYWELL (1)		Y HX2300		365
5962H96B0303V6C	P	01/16/2018	1	HONEYWELL (1)		Y HX2300		365
5962H96B0303Q7C	P	01/16/2018	1	HONEYWELL (1)		Y HX2300		365
5962H96B0303V7C	P	01/16/2018	1	HONEYWELL (1)		Y HX2300		365



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5962H96B0303QMC	P	01/16/2018	1	HONEYWELL (1)		Y HX2300		365
5962H96B0303VMC	P	01/16/2018	1	HONEYWELL (1)		Y HX2300		365
5962H96B0303QNC	P	01/16/2018	1	HONEYWELL (1)		Y HX2300		365
5962H96B0303VNC	P	01/16/2018	1	HONEYWELL (1)		Y HX2300		365
5962H96B0304Q5C	P	01/16/2018	1	HONEYWELL (1)		Y HX2400		365
5962H96B0304V5C	P	01/16/2018	1	HONEYWELL (1)		Y HX2400		365
5962H96B0304QTC	P	01/16/2018	1	HONEYWELL (1)		Y HX2400		365
5962H96B0304VTC	P	01/16/2018	1	HONEYWELL (1)		Y HX2400		365
5962H96B0305QXC	P	01/16/2018	1	HONEYWELL (1)		Y HX2040		365
5962H96B0305VXC	P	01/16/2018	1	HONEYWELL (1)		Y HX2040		365
5962H96B0306QUC	P	01/16/2018	1	HONEYWELL (1)		Y HX2080R		365
5962H96B0306VUC	P	01/16/2018	1	HONEYWELL (1)		Y HX2080R		365
5962H96B0306QZC	P	01/16/2018	1	HONEYWELL (1)		Y HX2080R		365
5962H96B0306VZC	P	01/16/2018	1	HONEYWELL (1)		Y HX2080R		365
5962H96B0307Q4C	P	01/16/2018	1	HONEYWELL (1)		Y HX2160R		365
5962H96B0307V4C	P	01/16/2018	1	HONEYWELL (1)		Y HX2160R		365
5962H96B0308Q6C	P	01/16/2018	1	HONEYWELL (1)		Y HX2300R		365
5962H96B0308V6C	P	01/16/2018	1	HONEYWELL (1)		Y HX2300R		365
5962H96B0308Q7C	P	01/16/2018	1	HONEYWELL (1)		Y HX2300R		365
5962H96B0308V7C	P	01/16/2018	1	HONEYWELL (1)		Y HX2300R		365
5962H96B0308QMC	P	01/16/2018	1	HONEYWELL (1)		Y HX2300R		365
5962H96B0308VMC	P	01/16/2018	1	HONEYWELL (1)		Y HX2300R		365
5962H96B0308QNC	P	01/16/2018	1	HONEYWELL (1)		Y HX2300R		365
5962H96B0308VNC	P	01/16/2018	1	HONEYWELL (1)		Y HX2300R		365
5962H96B0309Q5C	P	01/16/2018	1	HONEYWELL (1)		Y HX2400R		365
5962H96B0309V5C	P	01/16/2018	1	HONEYWELL (1)		Y HX2400R		365
5962H96B0309QTC	P	01/16/2018	1	HONEYWELL (1)		Y HX2400R		365
5962H96B0309VTC	P	01/16/2018	1	HONEYWELL (1)		Y HX2400R		365
5962H96B0310QXC	P	01/16/2018	1	HONEYWELL (1)		Y HX2040R		365
5962H96B0310VXC	P	01/16/2018	1	HONEYWELL (1)		Y HX2040R		365
5962-9750401MXA		01/15/1997		(NONE)	04/01/2000		43168-39 (GEN)	399
5962-9750402MXA		01/15/1997		(NONE)	04/01/2000		43168-30 (GEN)	399
5962-9750403MXA		01/15/1997		(NONE)	04/01/2000		43168-22 (GEN)	399
5962-9750601HXC	C	03/31/2003		(NONE)			AD14060 (GEN)	432
5962-9750602HXC	C	03/31/2003		(NONE)			AD14060 (GEN)	432
5962-9750701HXC	A	12/10/1998		(NONE)			AD14060L (GEN)	432
5962-9750702HXC	A	12/10/1998		(NONE)			AD14060L (GEN)	432
5962-9750801Q2A	B	01/29/2016		(NONE)	11/28/2015		54LS155A (GEN)	283
5962-9750801QEA	B	01/29/2016	1	TI		Y	SNJ54LS155AJ	283
5962-9750801QFA	B	01/29/2016	1	TI		Y	SNJ54LS155AW	283
5962-9750901Q2A	C	07/19/2011	3	TI		Y	TLC7733MFKB	789
5962-9750901QPA	C	07/19/2011	3	TI		Y	TLC7733MJGB	789
5962-9751001Q2A	C	07/22/2008		(NONE)	11/28/2015		TLV2432M (GEN)	710
5962-9751001QHA	C	07/22/2008		(NONE)	11/28/2015		TLV2432M (GEN)	710
5962-9751001QPA	C	07/22/2008		(NONE)	11/28/2015		TLV2432M (GEN)	710
5962-9751002Q2A	C	07/22/2008		(NONE)	11/28/2015		TLV2432AM (GEN)	710
5962-9751002QHA	C	07/22/2008		(NONE)	11/28/2015		TLV2432AM (GEN)	710
5962-9751002QPA	C	07/22/2008		(NONE)	11/28/2015		TLV2432AM (GEN)	710
5962-9751101Q2A	E	12/21/2016		(NONE)	11/28/2015		TLV2442M (GEN)	710

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5962-9751101QHA	E	12/21/2016		(NONE)	11/28/2015		TLV2442M (GEN)	710
5962-9751101QPA	E	12/21/2016	2	TI		Y	TLV2442M (GEN)	710
5962-9751102Q2A	E	12/21/2016		(NONE)	11/28/2015		TLV2442AM (GEN)	710
5962-9751102QHA	E	12/21/2016		(NONE)	11/28/2015		TLV2442AM (GEN)	710
5962-9751102QPA	E	12/21/2016	2	TI		Y	TLV2442AMJGB	710
5962F9751201V9A	D	10/14/2005		(NONE)	01/17/2009		HS-22620 (GEN)	730
5962F9751201VXC	D	10/14/2005		(NONE)	01/17/2009		HS-22620 (GEN)	730
5962-9751301Q2A	D	07/27/2011	3	TI		Y	TLC7705MFKB	789
5962-9751301QHA	D	07/27/2011	3	TI		Y	TLC7705MUB	789
5962-9751301QPA	D	07/27/2011	3	TI		Y	TLC7705MJGB	789
5962-9751401Q2A	C	01/13/2017	3	TI		Y	TLV2422MFKB	739
5962-9751401QHA	C	01/13/2017	3	TI		Y	TLV2422MUB	739
5962-9751401QPA	C	01/13/2017	3	TI		Y	TLV2422MJGB	739
5962-9751402Q2A	C	01/13/2017	3	TI		Y	TLV2422AMFKB	739
5962-9751402QHA	C	01/13/2017		(NONE)	11/28/2015		TLV2422AM (GEN)	739
5962-9751402QPA	C	01/13/2017	3	TI		Y	TLV2422AMJGB	739
5962-9751601Q2A	C	02/05/2016	1	ROCHESTER		Y	54S15/B2A	113
5962-9751601QCA	C	02/05/2016	1	ROCHESTER		Y	54S15/BCA	113
5962-9751601QDA	C	02/05/2016	1	ROCHESTER		Y	54S15/BDA	113
5962H9751701QXC	B	05/05/2017		(NONE)	06/30/1999		6656 (GEN)	650
5962H9751701VXC	B	05/05/2017		(NONE)	06/30/1999		6656 (GEN)	650
5962H9751701QYC	B	05/05/2017		(NONE)	06/30/1999		6656 (GEN)	650
5962H9751701VYC	B	05/05/2017		(NONE)	06/30/1999		6656 (GEN)	650
5962H9751701QZC	B	05/05/2017		(NONE)	06/30/1999		6656 (GEN)	650
5962H9751701VZC	B	05/05/2017		(NONE)	06/30/1999		6656 (GEN)	650
5962H9751702QXC	B	05/05/2017		(NONE)	06/30/1999		6656 (GEN)	650
5962H9751702VXC	B	05/05/2017		(NONE)	06/30/1999		6656 (GEN)	650
5962H9751702QYC	B	05/05/2017		(NONE)	06/30/1999		6656 (GEN)	650
5962H9751702VYC	B	05/05/2017		(NONE)	06/30/1999		6656 (GEN)	650
5962H9751702QZC	B	05/05/2017		(NONE)	06/30/1999		6656 (GEN)	650
5962H9751702VZC	B	05/05/2017		(NONE)	06/30/1999		6656 (GEN)	650
5962-9751801MPA	B	10/30/2012		(NONE)	09/02/2003		CLC440A (GEN)	702
5962-9751901MPA	B	03/14/2012		(NONE)			CLC446A (GEN)	702
5962-9752001MPA	C	04/10/2014	1	ROCHESTER		Y	CLC449A/BPA	739
5962-9752101MPA	B	02/09/2011		(NONE)	12/06/2005		CLC452A (GEN)	752
5962-9752201QXC	C	07/20/2017		(NONE)	12/31/2012		4005E-4 (GEN)	381
5962-9752201QYC	C	07/20/2017		(NONE)	12/31/2012		4005E-4 (GEN)	381
5962-9752201QZC	C	07/20/2017		(NONE)	12/31/2012		4005E-4 (GEN)	381
5962-9752301QXC	C	06/19/2017		(NONE)	12/31/2012		4010E-4 (GEN)	431
5962-9752301QYC	C	06/19/2017		(NONE)	12/31/2012		4010E-4 (GEN)	431
5962-9752301QZC	C	06/19/2017		(NONE)	12/31/2012		4010E-4 (GEN)	431
5962-9752401QXC	C	06/26/2017		(NONE)	12/31/2012		4013E-4 (GEN)	431
5962-9752401QYC	C	06/26/2017		(NONE)	12/31/2012		4013E-4 (GEN)	431
5962-9752401QZC	C	06/26/2017		(NONE)	12/31/2012		4013E-4 (GEN)	431
5962-9752501QXC	C	09/15/2017		(NONE)	12/31/2012		4025E-4 (GEN)	669
5962-9752501QYC	C	09/15/2017		(NONE)	12/31/2012		4025E-4 (GEN)	669
5962-9752501QZC	C	09/15/2017		(NONE)	12/31/2012		4025E-4 (GEN)	669
5962-9752601Q2A	D	06/26/2015	2	TI		Y	SNJ54LVC138AFK	282
5962-9752601V2A	D	06/26/2015		(NONE)	11/28/2015		54LVC138A (GEN)	282

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5962-9752601QEA	D	06/26/2015	2	TI		Y SNJ54LVC138AJ		282
5962-9752601VEA	D	06/26/2015		(NONE)	11/28/2015	54LVC138A (GEN)		282
5962-9752601QFA	D	06/26/2015	2	TI		Y SNJ54LVC138AW		282
5962-9752601VFA	D	06/26/2015	2	TI		Y SNV54LVC138AW		282
5962-9752701Q3A	C	11/25/2015	2	TI		Y SNJ54CBTD3384FK		399
5962-9752701QKA	C	11/25/2015	2	TI	09/26/2018	Y SNJ54CBTD3384W		399
5962-9752701QLA	C	11/25/2015	2	TI	09/26/2018	Y SNJ54CBTD3384JT		399
5962-9752801Q2A	B	07/21/2015	2	TI		Y SNJ54AHC02FK		120
5962-9752801QCA	B	07/21/2015	2	TI		Y SNJ54AHC02J		120
5962-9752801QDA	B	07/21/2015	2	TI		Y SNJ54AHC02W		120
5962-9752901NXB	A	08/11/2010		(NONE)	06/01/2001	TSB12LV21 (GEN)		590
5962-9753001QXA	A	04/04/2012		(NONE)	06/01/2001	TSB12LV31 (GEN)		899
5962-9753301Q2A	E	12/16/2015	2	TI		Y SNJ54LVC00AFK		100
5962-9753301V2A	E	12/16/2015		(NONE)	11/28/2015	54LVC00A (GEN)		100
5962-9753301QCA	E	12/16/2015	2	TI		Y SNJ54LVC00AJ		100
5962-9753301VCA	E	12/16/2015		(NONE)	11/28/2015	54LVC00A (GEN)		100
5962-9753301QDA	E	12/16/2015	2	TI		Y SNJ54LVC00AW		100
5962-9753301VDA	E	12/16/2015	2	TI		Y SNV54LVC00AW		100
5962-9753401Q2A	D	07/29/2015	2	TI		Y SNJ54LVC08AFK		110
5962-9753401QCA	D	07/29/2015	2	TI		Y SNJ54LVC08AJ		110
5962-9753401QDA	D	07/29/2015	2	TI		Y SNJ54LVC08AW		110
5962-9753501VGA	D	08/14/2017	1	ANALOG (4)		Y AD648SH/QMLV		739
5962-9753501VPA	D	08/14/2017	1	ANALOG (4)		Y AD648SQ/QMLV		739
5962-9753502VGA	D	08/14/2017	1	ANALOG (4)		Y AD648TH/QMLV		739
5962-9753502VPA	D	08/14/2017	1	ANALOG (4)		Y AD648TQ/QMLV		739
5962-9753601QXC		05/21/1997		(NONE)	08/15/1999	320MCM41 (GEN)		409
5962-9753602QXC		05/21/1997		(NONE)		320MCM41 (GEN)		409
5962-9753701Q2A	C	04/21/2014		(NONE)	11/28/2015	TLC4502M (GEN)		739
5962-9753701QHA	C	04/21/2014		(NONE)	11/28/2015	TLC4502M (GEN)		739
5962-9753701QPA	C	04/21/2014	2	TI		Y TLC4502MJGB		739
5962-9753702Q2A	C	04/21/2014		(NONE)	11/28/2015	TLC4502AM (GEN)		739
5962-9753702QHA	C	04/21/2014	2	TI		Y TLC4502AMUB		739
5962-9753702QPA	C	04/21/2014	2	TI		Y TLC4502AMJGB		739
5962-9754001QXA	B	04/09/2012		(NONE)	12/31/2001	54CDC586 (GEN)		803
5962-9754101Q2A	B	06/19/2014	1	TI		Y SN54LS37FK		500
5962-9754101QCA	B	06/19/2014	1	TI		Y SN54LS37J		500
5962-9754101QDA	B	06/19/2014	1	TI		Y SN54LS37W		500
5962-9754201Q2A	E	12/16/2015	3	TI		Y SNJ54LVCH244AFK		529
5962-9754201V2A	E	12/16/2015	3	TI		Y SNV54LVCH244AFK		529
5962-9754201QRA	E	12/16/2015	3	TI		Y SNJ54LVCH244AJ		529
5962-9754201VRA	E	12/16/2015		(NONE)	11/28/2015	54LVCH244A (GEN)		529
5962-9754201QSA	E	12/16/2015	3	TI		Y SNJ54LVCH244AW		529
5962-9754201VSA	E	12/16/2015	3	TI		Y SNV54LVCH244AW		529
5962-9754301Q2A	E	12/16/2015	3	TI		Y SNJ54LVCH245AFK		590
5962-9754301V2A	E	12/16/2015	3	TI		Y SNV54LVCH245AFK		590
5962-9754301QRA	E	12/16/2015	3	TI		Y SNJ54LVCH245AJ		590
5962-9754301VRA	E	12/16/2015	3	TI		Y SNV54LVCH245AJ		590
5962-9754301QSA	E	12/16/2015	3	TI		Y SNJ54LVCH245AW		590
5962-9754301VSA	E	12/16/2015	3	TI		Y SNV54LVCH245AW		590

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5962-9754302Q2A	E	12/16/2015		(NONE)	03/04/2003		54LCX245 (GEN)	590
5962-9754302QRA	E	12/16/2015		(NONE)	03/04/2003		54LCX245 (GEN)	590
5962-9754302QSA	E	12/16/2015		(NONE)	03/04/2003		54LCX245 (GEN)	590
5962H9754401QZC	B	05/05/2017		(NONE)	06/30/1999		6664 (GEN)	657
5962H9754401VZC	B	05/05/2017		(NONE)	06/30/1999		6664 (GEN)	657
5962H9754402QZC	B	05/05/2017		(NONE)	06/30/1999		6664 (GEN)	657
5962H9754402VZC	B	05/05/2017		(NONE)	06/30/1999		6664 (GEN)	657
5962-9754501QXA	F	05/09/2016	2	MICROSS		Y	SMJ626162-15HKDM	629
5962-9754501NYB	F	05/09/2016		(NONE)	08/15/1998		SMJ626162-15 (GEN)	629
5962-9754502QXA	F	05/09/2016	2	MICROSS		Y	SMJ626162-20HKDM	629
5962-9754502NYB	F	05/09/2016		(NONE)	08/15/1998		SMJ626162-20 (GEN)	629
5962-9754503QXA	F	05/09/2016	2	MICROSS		Y	SMJ626162-12HKDM	629
5962-9754503NYB	F	05/09/2016		(NONE)	08/15/1998		SMJ626162-12 (GEN)	629
5962-9754701Q2A	B	06/19/2014	1	TI		Y	SNJ54LS85FK	209
5962-9754701QEA	B	06/19/2014	1	TI		Y	SNJ54LS85J	209
5962-9754701QFA	B	06/19/2014	1	TI		Y	SNJ54LS85W	209
5962-9754801QEA	B	02/05/2016	1	TI		Y	SNJ54163J	304
5962-9754801QFA	B	02/05/2016	1	TI		Y	SNJ54163W	304
5962-9754901Q3A	A	05/20/2010		(NONE)	12/31/2001		54AS575 (GEN)	159
5962-9754901QKA	A	05/20/2010		(NONE)			54AS575 (GEN)	159
5962-9754901QLA	A	05/20/2010		(NONE)	12/31/2001		54AS575 (GEN)	159
5962-9755001QXA	C	05/17/2017	2	TI		Y	TLC16C552AMHVB	599
5962-9755301QCA	B	03/01/2016		TI		Y	SNJ54121J	165
5962-9755301QDA	B	03/01/2016		TI		Y	SNJ54121W	165
5962-9755701EPA	E	02/02/2017	1	AVAGO		Y	ACPL-785E-200	460
5962-9755701EPC	E	02/02/2017	1	AVAGO		Y	ACPL-785E	460
5962-9755701HPA	E	02/02/2017	1	AVAGO		Y	HCPL-7851#200	460
5962-9755701HPC	E	02/02/2017	1	AVAGO		Y	HCPL-7851	460
5962-9755701EXA	E	02/02/2017	1	AVAGO		Y	ACPL-785E-300	460
5962-9755701HXA	E	02/02/2017	1	AVAGO		Y	HCPL-7851#300	460
5962-9755701EYA	E	02/02/2017	1	AVAGO		Y	ACPL-785E-100	460
5962-9755701EYC	E	02/02/2017	1	AVAGO		Y	ACPL-785E-100	460
5962-9755701HYA	E	02/02/2017	1	AVAGO		Y	HCPL-7851#100	460
5962-9755701HYC	E	02/02/2017	1	AVAGO		Y	HCPL-7851#100	460
5962-9755801Q2A	B	06/09/2014		(NONE)	11/28/2015		54AS30 (GEN)	106
5962-9755801QCA	B	06/09/2014	1	TI		Y	SNJ54AS30J	106
5962-9755901Q2A	B	08/19/2016		(NONE)	11/28/2015		54AS244A (GEN)	529
5962-9755901QRA	B	08/19/2016	2	TI		Y	SNJ54AS244AJ	529
5962-9755901QSA	B	08/19/2016		(NONE)	11/28/2015		54AS244A (GEN)	529
5962-9756001Q2A	B	03/01/2016	2	TI		Y	SNJ54AS32FK	142
5962-9756001QCA	B	03/01/2016	2	TI		Y	SNJ54AS32J	142
5962-9756101Q2A	B	03/04/2016		(NONE)	11/28/2015		54AS11 (GEN)	111
5962-9756101QCA	B	03/04/2016	2	TI		Y	SNJ54AS11J	111
5962-9756201Q2A	B	03/04/2016		(NONE)	11/28/2015		54AS374 (GEN)	159
5962-9756201QRA	B	03/04/2016	2	TI		Y	SNJ54AS374J	159
5962-9756201QSA	B	03/04/2016		(NONE)	11/28/2015		54AS374 (GEN)	159
5962-9756301HXC	A	04/15/1998		(NONE)	04/14/2001		AD9070T (GEN)	592
5962-9756401QXA	D	06/19/2017	1	ANALOG (2)		Y	AD976SD/883	592
5962-9757101Q2A	B	03/25/2015	2	TI		Y	SNJ54AHCT02FK	120

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5962-9757101QCA	B	03/25/2015	2	TI		Y SNJ54AHCT02J		120
5962-9757101QDA	B	03/25/2015	2	TI		Y SNJ54AHCT02W		120
5962-9757201Q2A	B	07/14/2014		(NONE)	11/28/2015	54AS86A (GEN)		140
5962-9757201QCA	B	07/14/2014		(NONE)	11/28/2015	54AS86A (GEN)		140
5962-9757301Q2A	D	12/16/2015	2	TI		Y SNJ54LVC373AFK		159
5962-9757301QRA	D	12/16/2015	2	TI		Y SNJ54LVC373AJ		159
5962-9757301QSA	D	12/16/2015	2	TI		Y SNJ54LVC373AW		159
5962-9757401Q2A	E	12/16/2015	2	TI		Y SNJ54LVC374AFK		159
5962-9757401V2A	E	12/16/2015		(NONE)	11/28/2015	54LVC374A (GEN)		159
5962-9757401QRA	E	12/16/2015	2	TI		Y SNJ54LVC374AJ		159
5962-9757401VRA	E	12/16/2015		(NONE)	11/28/2015	54LVC374A (GEN)		159
5962-9757401QSA	E	12/16/2015	2	TI		Y SNJ54LVC374AW		159
5962-9757401VSA	E	12/16/2015		(NONE)	11/28/2015	54LVC374A (GEN)		159
5962-9757501Q2A	D	01/28/2016	2	TI		Y SNJ54LVC573AFK		159
5962-9757501QRA	D	01/28/2016	2	TI		Y SNJ54LVC573AJ		159
5962-9757501QSA	D	01/28/2016	2	TI		Y SNJ54LVC573AW		159
5962-9757601Q2A	D	01/28/2016		(NONE)	11/28/2015	54LVC574A (GEN)		159
5962-9757601QRA	D	01/28/2016	3	TI		Y SNJ54LVC574AJ		159
5962-9757601QSA	D	01/28/2016	3	TI		Y SNJ54LVC574AW		159
5962-9757701Q2A	B	10/03/2016	2	TI		Y SNJ54F00FK		100
5962-9757701QCA	B	10/03/2016	2	TI		Y SNJ54F00J		100
5962-9757701QDA	B	10/03/2016	2	TI		Y SNJ54F00W		100
5962-9757801Q2A	B	03/18/2016		TI		Y SNJ54F02FK		120
5962-9757801QCA	B	03/18/2016		TI		Y SNJ54F02J		120
5962-9757801QDA	B	03/18/2016		TI		Y SNJ54F02W		120
5962-9757901Q2A	B	04/01/2016	2	TI		Y SNJ54F10FK		102
5962-9757901QCA	B	04/01/2016	2	TI		Y SNJ54F10J		102
5962-9757901QDA	B	04/01/2016		(NONE)	11/28/2015	54F10 (GEN)		102
5962-9758001Q2A	B	07/30/2014	2	E2V		Y 54F109LMQB		152
5962-9758001Q2A	B	07/30/2014	2	ROCHESTER		Y 54F109/Q2A		152
5962-9758001Q2A	B	07/30/2014	2	TI		Y SNJ54F109FK		152
5962-9758001QEA	B	07/30/2014	2	E2V		Y 54F109DMQB		152
5962-9758001QEA	B	07/30/2014	2	ROCHESTER		Y 54F109/QEA		152
5962-9758001QEA	B	07/30/2014	2	TI		Y SNJ54F109J		152
5962-9758001QFA	B	07/30/2014	2	E2V		Y 54F109FMQB		152
5962-9758001QFA	B	07/30/2014	2	ROCHESTER		Y 54F109/QFA		152
5962-9758001QFA	B	07/30/2014	2	TI		Y SNJ54F109W		152
5962-9758101Q2A	B	04/01/2016	2	TI		Y SNJ54F11FK		110
5962-9758101QCA	B	04/01/2016	2	TI		Y SNJ54F11J		110
5962-9758101QDA	B	04/01/2016	2	TI		Y SNJ54F11W		110
5962-9758201Q2A	C	05/02/2016	3	ROCHESTER		Y 54F138/Q2A		282
5962-9758201Q2A	C	05/02/2016	2	TI		Y SNJ54F138FK		282
5962-9758201QEA	C	05/02/2016	3	ROCHESTER		Y 54F138/QEA		282
5962-9758201QEA	C	05/02/2016	2	TI		Y SNJ54F138J		282
5962-9758201QFA	C	05/02/2016	3	ROCHESTER		Y 54F138/QFA		282
5962-9758201QFA	C	05/02/2016	2	TI		Y SNJ54F138W		282
5962-9758301Q2A	C	05/02/2016	3	E2V		Y 54F153LMQB		273
5962-9758301Q2A	C	05/02/2016	3	ROCHESTER		Y 54F153/Q2A		273
5962-9758301Q2A	C	05/02/2016	2	TI		Y SNJ54F153FK		273



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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9758301QEA	C	05/02/2016	3	E2V		Y 54F153DMQB		273
5962-9758301QEA	C	05/02/2016	3	ROCHESTER		Y 54F153/QEA		273
5962-9758301QEA	C	05/02/2016	2	TI		Y SNJ54F153J		273
5962-9758301QFA	C	05/02/2016	3	E2V		Y 54F153FMQB		273
5962-9758301QFA	C	05/02/2016	3	ROCHESTER		Y 54F153/QFA		273
5962-9758301QFA	C	05/02/2016	2	TI		Y SNJ54F153W		273
5962-9758401Q2A	C	11/22/2016	1	E2V		Y 54F20LMQB		104
5962-9758401Q2A	C	11/22/2016	1	TI		Y SNJ54F20FK		104
5962-9758401QCA	C	11/22/2016	1	E2V		Y 54F20DMQB		104
5962-9758401QCA	C	11/22/2016	1	TI		Y SNJ54F20J		104
5962-9758401QDA	C	11/22/2016	1	E2V		Y 54F20FMQB		104
5962-9758401QDA	C	11/22/2016	1	TI		Y SNJ54F20W		104
5962-9758501Q2A	B	11/22/2016	2	TI		Y SNJ54F240FK		529
5962-9758501QRA	B	11/22/2016	2	TI		Y SNJ54F240J		529
5962-9758501QSA	B	11/22/2016	2	TI		Y SNJ54F240W		529
5962-9758601Q2A	B	12/21/2016	2	TI		Y SNJ54F244FK		529
5962-9758601QRA	B	12/21/2016	2	TI		Y SNJ54F244J		529
5962-9758601QSA	B	12/21/2016	2	TI		Y SNJ54F244W		529
5962-9758701Q2A	B	12/21/2016	2	TI		Y SNJ54F283FK		202
5962-9758701QEA	B	12/21/2016	2	TI		Y SNJ54F283J		202
5962-9758701QFA	B	12/21/2016	2	TI		Y SNJ54F283W		202
5962-9758801Q2A	B	12/23/2016	2	TI		Y SNJ54F32FK		125
5962-9758801QCA	B	12/23/2016	2	TI		Y SNJ54F32J		125
5962-9758801QDA	B	12/23/2016	2	TI		Y SNJ54F32W		125
5962-9758901Q2A	B	07/10/2014	3	TI		Y SNJ54F373FK		341
5962-9758901QRA	B	07/10/2014	3	TI		Y SNJ54F373J		341
5962-9758901QSA	B	07/10/2014	3	TI		Y SNJ54F373W		341
5962-9759001Q2A	B	01/20/2017	2	TI		Y SNJ54F374FK		159
5962-9759001QRA	B	01/20/2017	2	TI		Y SNJ54F374J		159
5962-9759001QSA	B	01/20/2017	2	TI		Y SNJ54F374W		159
5962-9759101Q2A	B	01/20/2017	2	ROCHESTER		Y 54F521/Q2A		209
5962-9759101Q2A	B	01/20/2017	2	TI		Y SNJ54F521FK		209
5962-9759101QRA	B	01/20/2017	2	ROCHESTER		Y 54F521/QRA		209
5962-9759101QRA	B	01/20/2017	2	TI		Y SNJ54F521J		209
5962-9759101QSA	B	01/20/2017		(NONE)	11/28/2015	54F521 (GEN)		209
5962-9759101QSA	B	01/20/2017	2	ROCHESTER		Y 54F521/QSA		209
5962-9759201Q2A	B	01/24/2017	3	TI		Y SNJ54F74FK		158
5962-9759201QCA	B	01/24/2017	3	TI		Y SNJ54F74J		158
5962-9759201QDA	B	01/24/2017	3	TI		Y SNJ54F74W		158
5962-9759301Q2A	C	01/26/2017	3	E2V		Y 54F04LMQB		143
5962-9759301Q2A	C	01/26/2017	3	ROCHESTER		Y 54F04/Q2A		143
5962-9759301Q2A	C	01/26/2017	2	TI		Y SNJ54F04FK		143
5962-9759301QCA	C	01/26/2017	3	E2V		Y 54F04DMQB		143
5962-9759301QCA	C	01/26/2017	3	ROCHESTER		Y 54F04/QCA		143
5962-9759301QCA	C	01/26/2017	2	TI		Y SNJ54F04J		143
5962-9759301QDA	C	01/26/2017	3	E2V		Y 54F04FMQB		143
5962-9759301QDA	C	01/26/2017	3	ROCHESTER		Y 54F04/QDA		143
5962-9759301QDA	C	01/26/2017	2	TI		Y SNJ54F04W		143
5962-9759401Q2A	C	09/01/2010		(NONE)	11/28/2015	54LVC540A (GEN)		529

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5962-9759401QRA	C	09/01/2010		(NONE)	11/28/2015		54LVC540A (GEN)	529
5962-9759401QSA	C	09/01/2010		(NONE)	11/28/2015		54LVC540A (GEN)	529
5962-9759501Q2A	D	01/27/2016	2	TI		Y	SNJ54LVC541AFK	529
5962-9759501QRA	D	01/27/2016	2	TI		Y	SNJ54LVC541AJ	529
5962-9759501QSA	D	01/27/2016	2	TI		Y	SNJ54LVC541AW	529
5962-9759701QXA	C	09/19/2017	2	E2V		Y	CY7C372I-66YMB	380
5962-9759702QXA	C	09/19/2017	2	E2V		Y	CY7C372I-83YMB	380
5962-9759801QXC	C	10/04/2016	2	E2V		Y	CY7C374I-66GMB	380
5962-9759801QYA	C	10/04/2016	2	E2V		Y	CY7C374I-66YMB	380
5962-9759802QXC	C	10/04/2016	2	E2V		Y	CY7C374I-83GMB	380
5962-9759802QYA	C	10/04/2016	2	E2V		Y	CY7C374I-83YMB	380
5962-9759901QXC	C	09/26/2017	2	E2V		Y	CY7C375I-66GMB	380
5962-9759901QYC	C	09/26/2017		(NONE)	05/30/1999		7C375I-66 (GEN)	380
5962-9759901QZC	C	09/26/2017	2	E2V		Y	CY7C375I-66UMB	380
5962-9759902QXC	C	09/26/2017	2	E2V		Y	CY7C375I-83GMB	380
5962-9759902QYC	C	09/26/2017		(NONE)	05/30/1999		7C375I-83 (GEN)	380
5962-9759902QZC	C	09/26/2017	2	E2V		Y	CY7C375I-83UMB	380
5962-9760101HXC	B	03/18/2009		(NONE)			ADDC02803SC (GEN)	899
5962-9760202HXC	B	03/18/2009		(NONE)			ADDC02809SA (GEN)	594
5962-9760301Q2A	C	02/11/2016	1	TI		Y	MC1558FKB	710
5962-9760301QPA	C	02/11/2016	1	TI		Y	MC1558JGB	710
5962-9760401Q2A	C	04/27/2015	2	TI		Y	SNJ54LVC02AFK	120
5962-9760401QCA	C	04/27/2015	2	TI		Y	SNJ54LVC02AJ	120
5962-9760401QDA	C	04/27/2015	2	TI		Y	SNJ54LVC02AW	120
5962-9760501Q2A	C	05/21/2015	2	TI		Y	SNJ54LVC04AFK	143
5962-9760501QCA	C	05/21/2015	2	TI		Y	SNJ54LVC04AJ	143
5962-9760501QDA	C	05/21/2015	2	TI		Y	SNJ54LVC04AW	143
5962-9760601Q9A	H	01/23/2019		(NONE)			320LC31 (GEN)	432
5962-9760601NXB	H	01/23/2019	2	TI		Y	SMQ320LC31PQM40	432
5962-9760701MXA	A	10/04/2005	1	E2V SEMI.	12/26/2017	Y	TS68EN360MR1BQ25L	420
5962-9760701MXC	A	10/04/2005	1	E2V SEMI.	12/26/2017	Y	TS68EN360MRBQ25L	420
5962-9760701MYA	A	10/04/2005	1	E2V SEMI.	12/26/2017	Y	TS68EN360MAB/Q25L	420
5962-9760702MXA	A	10/04/2005	1	E2V SEMI.	12/26/2017	Y	TS68EN360MR1BQ33L	420
5962-9760702MXC	A	10/04/2005	1	E2V SEMI.	12/26/2017	Y	TS68EN360MRBQ33L	420
5962-9760702MYA	A	10/04/2005	1	E2V SEMI.	12/26/2017	Y	TS68EN360MAB/Q33L	420
5962-9760801QXA	B	10/04/2005		(NONE)	04/30/2001		PC603E-80 (GEN)	404
5962-9760802QXA	B	10/04/2005	1	E2V SEMI.		Y	TSPC603EMAB/C3L	404
5962-9760803QXA	B	10/04/2005	1	E2V SEMI.		Y	TSPC603EMAB/C4L	404
5962-9760804QXA	B	10/04/2005	1	E2V SEMI.		Y	TSPC603EMAB/C5L	404
5962-9760805QYA	B	10/04/2005		(NONE)			PC603E-166 (GEN)	404
5962-9760806QXA	B	10/04/2005	1	E2V SEMI.		Y	TSPC603RMABQ8LC	404
5962-9760806QYA	B	10/04/2005		(NONE)			PC603E-200 (GEN)	404
5962-9760807QYA	B	10/04/2005		(NONE)			PC603E-233 (GEN)	404
5962-9760808QYA	B	10/04/2005		(NONE)			PC603E-266 (GEN)	404
5962-9760809QYA	B	10/04/2005		(NONE)			PC603E-300 (GEN)	404
5962-9760901HXA	C	03/07/2016	2	MERCURY		Y	WMF2M8-150DAQ5	669
5962-9760901HXC	C	03/07/2016	2	MERCURY		Y	WMF2M8-150DAQ5	669
5962-9760902HXA	C	03/07/2016	2	MERCURY		Y	WMF2M8-120DAQ5	669
5962-9760902HXC	C	03/07/2016	2	MERCURY		Y	WMF2M8-120DAQ5	669

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5962-9760903HXA	C	03/07/2016	2	MERCURY		Y WMF2M8-90DAQ5		669
5962-9760903HXC	C	03/07/2016	2	MERCURY		Y WMF2M8-90DAQ5		669
5962-9760904HXA	C	03/07/2016	2	MERCURY		Y WMF2M8-150DAQE5		669
5962-9760904HXC	C	03/07/2016	2	MERCURY		Y WMF2M8-150DAQE5		669
5962-9760905HXA	C	03/07/2016	2	MERCURY		Y WMF2M8-120DAQE5		669
5962-9760905HXC	C	03/07/2016	2	MERCURY		Y WMF2M8-120DAQE5		669
5962-9760906HXA	C	03/07/2016	2	MERCURY		Y WMF2M8-90DAQE5		669
5962-9760906HXC	C	03/07/2016	2	MERCURY		Y WMF2M8-90DAQE5		669
5962-9761001HXA	C	03/07/2016	2	MERCURY		Y WMF2M16-150DAQ5		699
5962-9761002HXA	C	03/07/2016	2	MERCURY		Y WMF2M16-120DAQ5		699
5962-9761003HXA	C	03/07/2016	2	MERCURY		Y WMF2M16-90DAQ5)		699
5962-9761004HXA	C	03/07/2016	2	MERCURY		Y WMF2M16-150DAQE5		699
5962-9761005HXA	C	03/07/2016	2	MERCURY		Y WMF2M16-120DAQE5		699
5962-9761006HXA	C	03/07/2016	2	MERCURY		Y WMF2M16-90DAQE5		699
5962-9761501Q2A	E	02/24/2016	2	TI		Y SNJ54LVC14AFK		143
5962-9761501V2A	E	02/24/2016	2	TI		Y SNV54LVC14AFK		143
5962-9761501QCA	E	02/24/2016	2	TI		Y SNJ54LVC14AJ		143
5962-9761501VCA	E	02/24/2016	2	TI		Y SNV54LVC14AJ		143
5962-9761501QDA	E	02/24/2016	2	TI		Y SNJ54LVC14AW		143
5962-9761501VDA	E	02/24/2016	2	TI		Y SNV54LVC14AW		143
5962-9761601Q2A	D	02/24/2016	2	TI		Y SNJ54LVC74AFK		158
5962-9761601V2A	D	02/24/2016		(NONE)	11/28/2015	54LVC74A (GEN)		158
5962-9761601QCA	D	02/24/2016	2	TI		Y SNJ54LVC74AJ		158
5962-9761601VCA	D	02/24/2016		(NONE)	11/28/2015	54LVC74A (GEN)		158
5962-9761601QDA	D	02/24/2016	2	TI		Y SNJ54LVC74AW		158
5962-9761601VDA	D	02/24/2016	2	TI		Y SNV54LVC74AW		158
5962-9761801Q2A	D	08/25/2015	2	TI		Y SNJ54LVC32AFK		120
5962-9761801QCA	D	08/25/2015	2	TI		Y SNJ54LVC32AJ		120
5962-9761801QDA	D	08/25/2015	2	TI		Y SNJ54LVC32AW		120
5962-9761901Q2A	D	08/21/2015	2	TI		Y SNJ54LVC86AFK		140
5962-9761901QCA	D	08/21/2015		(NONE)	11/28/2015	54LVC86A (GEN)		140
5962-9761901QDA	D	08/21/2015	2	TI		Y SNJ54LVC86AW		140
5962-9762001Q2A	A	10/29/2012		(NONE)	12/24/2000	HI-1828A (GEN)		192
5962-9762001QEA	A	10/29/2012		(NONE)	12/24/2000	HI-1828A (GEN)		192
5962-9762101Q2A	C	01/04/2018	3	TI		Y SNJ55LVDS31FK		569
5962-9762101QEA	C	01/04/2018	3	TI		Y SNJ55LVDS31J		569
5962-9762101QFA	C	01/04/2018	3	TI		Y SNJ55LVDS31W		569
5962-9762101VFA	C	01/04/2018	3	TI		Y SNV55LVDS31W		569
5962-9762201Q2A	D	11/13/2018	3	TI		Y SNJ55LVDS32FK		579
5962-9762201QEA	D	11/13/2018	3	TI		Y SNJ55LVDS32J		579
5962-9762201VEA	D	11/13/2018	3	TI		Y SNV55LVDS32J		579
5962-9762201QFA	D	11/13/2018	3	TI		Y SNJ55LVDS32W		579
5962-9762201VFA	D	11/13/2018	3	TI		Y SNV55LVDS32W		579
5962-9762202Q2A	D	11/13/2018		(NONE)		55LVDS32 (GEN)		579
5962-9762301Q2A	B	05/21/2015	1	TI		Y SNJ54ABTH245FK		590
5962-9762301QRA	B	05/21/2015		(NONE)	11/28/2015	54ABTH245 (GEN)		590
5962-9762301QSA	B	05/21/2015	1	TI		Y SNJ54ABTH245W		590
5962-9762401QXA	C	04/28/2016	3	TI	09/26/2018	Y SNJ54ABTH16244WD		529
5962-9762501QXA	C	04/27/2015	3	TI	09/26/2018	Y SNJ54ABTH16245WD		590

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5962-9762601Q3A	C	02/26/2015		(NONE)	11/28/2015		54LVC646A (GEN)	599
5962-9762601QKA	C	02/26/2015	2	TI	09/26/2018	Y	SNJ54LVC646AW	599
5962-9762601VKA	C	02/26/2015	2	TI		Y	SNV54LVC646AW	599
5962-9762601QLA	C	02/26/2015		(NONE)	11/28/2015		54LVC646A (GEN)	599
5962-9762701Q3A	C	02/24/2016		(NONE)	11/28/2015		54LVC652A (GEN)	599
5962-9762701QKA	C	02/24/2016		(NONE)	11/28/2015		54LVC652A (GEN)	599
5962-9762701QLA	C	02/24/2016		(NONE)	11/28/2015		54LVC652A (GEN)	599
5962-9762801HXA	E	02/14/2017		(NONE)			SA 50M (GEN)	787
5962-9762802HXC	E	02/14/2017	1	ANAREN		Y	MSK 4200B	787
5962-9762901HXA	D	12/09/2014		(NONE)			SA 51M (GEN)	787
5962-9762902HXC	D	12/09/2014	1	ANAREN		Y	MSK 4201B	787
5962-9763001QPA	B	08/26/2010		(NONE)			UC1852 (GEN)	789
5962-9763101QXA	A	05/29/2013		(NONE)	11/03/2003		7C4271-15 (GEN)	670
5962-9763201Q2A	B	07/10/2014	1	ROCHESTER		Y	54ALS352/B2A	273
5962-9763201QEA	B	07/10/2014	1	ROCHESTER		Y	54ALS352/BEA	273
5962-9763301QGA	D	01/03/2018	1	TI	04/02/2019	Y	LF442MH/883	739
5962-9763401HXC	A	03/19/2009		(NONE)			ADDC02808PB (GEN)	594
5962-9763601QEA	B	01/17/2018	2	TI		Y	SNJ5423J	123
5962-9763701VGA	B	03/15/2012		(NONE)	01/31/2010		OP43A (GEN)	723
5962-9763801QXA	D	08/30/2016	3	TI	09/26/2018	Y	SNJ54LVTH162373WD	158
5962-9763801VXA	D	08/30/2016	3	TI		Y	SNV54LVTH162373WD	158
5962F9763901V9A	A	03/10/1999		(NONE)			ACS139 (GEN)	283
5962F9763901VEC	A	03/10/1999		(NONE)			ACS139 (GEN)	283
5962F9763901VXC	A	03/10/1999		(NONE)			ACS139 (GEN)	283
5962F9764001V9A	B	04/05/1999		(NONE)			ACS151 (GEN)	271
5962F9764001VEA	B	04/05/1999		(NONE)			ACS151 (GEN)	271
5962F9764001VFA	B	04/05/1999		(NONE)			ACS151 (GEN)	271
5962F9764101VEC	C	05/16/2012		(NONE)			HS-6254 (GEN)	790
5962F9764101VXC	C	05/16/2012		(NONE)	03/11/2010		HS-6254 (GEN)	790
5962-9764201Q2A	B	01/28/2014	2	TI		Y	SNJ54AHC157FK	275
5962-9764201QEA	B	01/28/2014	2	TI		Y	SNJ54AHC157J	275
5962-9764201QFA	B	01/28/2014	2	TI		Y	SNJ54AHC157W	275
5962-97A0101V9A	H	06/20/2006		(NONE)	12/10/2015		HAA-51150R4551 (GEN)	365
5962-97A0101VXC	H	06/20/2006		(NONE)	12/10/2015		HAA-51150R4551 (GEN)	365
5962-97A0201V9A	F	06/20/2006		(NONE)	01/17/2009		HS-SW06 (GEN)	365
5962-97A0201VXC	F	06/20/2006		(NONE)	01/17/2009		HS-SW06 (GEN)	365
5962-97A0301V9A	F	06/20/2006		(NONE)	01/17/2009		HS-2626 (GEN)	365
5962-97A0301VXC	F	06/20/2006		(NONE)	01/17/2009		HS-2626 (GEN)	365
5962-97A0401V9A	E	07/18/2006		(NONE)	01/17/2009		HS-11508 (GEN)	365
5962-97A0401VXC	E	07/18/2006		(NONE)	01/17/2009		HS-11508 (GEN)	365
5962-97A0501V9A	E	07/18/2006		(NONE)	01/17/2009		HS-2422 (GEN)	365
5962-97A0501VXC	E	07/18/2006		(NONE)	01/17/2009		HS-2422 (GEN)	365
5962-97A0601V9A	G	07/18/2006		(NONE)	01/17/2009		HS-7687 (GEN)	365
5962-97A0601VXC	G	07/18/2006		(NONE)	01/17/2009		HS-7687 (GEN)	365
5962-97A0701V9A	H	11/27/2006		(NONE)	01/17/2009		HAA-51155R4553 (GEN)	365
5962-97A0701VXC	H	11/27/2006		(NONE)	01/17/2009		HAA-51155R4553 (GEN)	365
5962-97A0801V9A	F	12/06/2006		(NONE)	01/17/2009		HAA-51156R4554 (GEN)	365
5962-97A0801VXC	F	12/06/2006		(NONE)	01/17/2009		HAA-51156R4554 (GEN)	365
5962-97A0901V9A	H	12/06/2006		(NONE)	01/17/2009		HAA-51159R4555 (GEN)	365

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5962-97A0901VXC	H	12/06/2006		(NONE)	01/17/2009		HAA-51159R4555 (GEN)	365
5962-97A1001V9A	K	02/24/2014		(NONE)	01/17/2009		HAA-51154R4552 (GEN)	365
5962-97A1001VXC	K	02/24/2014		(NONE)	12/20/2014		HAA-51154R4552 (GEN)	365
5962-97A1101VXC	D	12/06/2006		(NONE)	01/26/2013		HAA-03180R4556 (GEN)	365
5962-97A1201QXC	B	10/19/2011		(NONE)			6580-020 (GEN)	365
5962-97A1201QZC	B	10/19/2011		(NONE)	12/31/2010		6580-020 (GEN)	365
5962-97A1202QYC	B	10/19/2011		(NONE)	12/31/2010		6580-024 (GEN)	365
5962-97A1203QZC	B	10/19/2011		(NONE)			20461-012 (GEN)	365
5962-97A1301QXC		06/16/1997		(NONE)			6580-025 (GEN)	365
5962-97A1401QXC		12/29/1997		(NONE)			6574-027 (GEN)	365
5962-97A1501QXC		06/16/1997		(NONE)			06550-022 (GEN)	365
5962-97A1601QXA		11/13/1997		(NONE)			5343-049 (GEN)	365
5962-97A1701QXC		10/22/1997		(NONE)			5343-050 (GEN)	365
5962-97B0101Q*A		08/04/1997		(NONE)			TGC2016 (GEN)	365
5962-97B0102Q*A		08/04/1997		(NONE)			TGC2019 (GEN)	365
5962-97B0103Q*A		08/04/1997		(NONE)			TGC2030 (GEN)	365
5962-97B0104Q*A		08/04/1997		(NONE)			TGC2036 (GEN)	365
5962-97B0105Q*A		08/04/1997		(NONE)			TGC2046 (GEN)	365
5962-97B0106Q*A		08/04/1997		(NONE)			TGC2053 (GEN)	365
5962-97B0107Q*A		08/04/1997		(NONE)			TGC2068 (GEN)	365
5962-97B0108Q*A		08/04/1997		(NONE)			TGC2086 (GEN)	365
5962-97B0109Q*A		08/04/1997		(NONE)			TGC2113 (GEN)	365
5962-97B0110Q*A		08/04/1997		(NONE)			TGC2154 (GEN)	365
5962-97B0111Q*A		08/04/1997		(NONE)			TGC2191 (GEN)	365
5962-97B0112Q*A		08/04/1997		(NONE)			TGC2245 (GEN)	365
5962H97B0301V8C	P	10/14/2014	2	HONEYWELL (1)		Y HX2080		365
5962H97B0301QMC	P	10/14/2014	2	HONEYWELL (1)		Y HX2080		365
5962H97B0301VMC	P	10/14/2014	2	HONEYWELL (1)		Y HX2080		365
5962H97B0301QXC	P	10/14/2014	2	HONEYWELL (1)		Y HX2080		365
5962H97B0301VXC	P	10/14/2014	2	HONEYWELL (1)		Y HX2080		365
5962H97B0301QZC	P	10/14/2014	2	HONEYWELL (1)		Y HX2080		365
5962H97B0301VZC	P	10/14/2014	2	HONEYWELL (1)		Y HX2080		365
5962H97B0302V6C	P	10/14/2014	2	HONEYWELL (1)		Y HX2160		365
5962H97B0302QXC	P	10/14/2014	2	HONEYWELL (1)		Y HX2160		365
5962H97B0302VXC	P	10/14/2014	2	HONEYWELL (1)		Y HX2160		365
5962H97B0302QZC	P	10/14/2014	2	HONEYWELL (1)		Y HX2160		365
5962H97B0302VZC	P	10/14/2014	2	HONEYWELL (1)		Y HX2160		365
5962H97B0303QXC	P	10/14/2014	2	HONEYWELL (1)		Y HX2300		365
5962H97B0303VXC	P	10/14/2014	2	HONEYWELL (1)		Y HX2300		365
5962H97B0303QZC	P	10/14/2014	2	HONEYWELL (1)		Y HX2300		365
5962H97B0303VZC	P	10/14/2014	2	HONEYWELL (1)		Y HX2300		365
5962H97B0304VTC	P	10/14/2014	2	HONEYWELL (1)		Y HX2400		365
5962H97B0304QXC	P	10/14/2014	2	HONEYWELL (1)		Y HX2400		365
5962H97B0304VXC	P	10/14/2014	2	HONEYWELL (1)		Y HX2400		365
5962H97B0304QZC	P	10/14/2014	2	HONEYWELL (1)		Y HX2400		365
5962H97B0304VZC	P	10/14/2014	2	HONEYWELL (1)		Y HX2400		365
5962H97B0305Q4C	P	10/14/2014	2	HONEYWELL (1)		Y HX2040		365
5962H97B0305V4C	P	10/14/2014	2	HONEYWELL (1)		Y HX2040		365
5962H97B0305QUC	P	10/14/2014	2	HONEYWELL (1)		Y HX2040		365



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5962H97B0305VUC	P	10/14/2014	2	HONEYWELL (1)		Y HX2040		365
5962H97B0305QXC	P	10/14/2014	2	HONEYWELL (1)		Y HX2040		365
5962H97B0305VXC	P	10/14/2014	2	HONEYWELL (1)		Y HX2040		365
5962H97B0305QYC	P	10/14/2014	2	HONEYWELL (1)		Y HX2040		365
5962H97B0305VYC	P	10/14/2014	2	HONEYWELL (1)		Y HX2040		365
5962H97B0305QZC	P	10/14/2014	2	HONEYWELL (1)		Y HX2040		365
5962H97B0305VZC	P	10/14/2014	2	HONEYWELL (1)		Y HX2040		365
5962H97B0307V5C	P	10/14/2014	2	HONEYWELL (1)		Y HX2160r		365
5962H97B0307Q6C	P	10/14/2014	2	HONEYWELL (1)		Y HX2160r		365
5962H97B0308QTC	P	10/14/2014	2	HONEYWELL (1)		Y HX2300r		365
5962H97B0308VTC	P	10/14/2014	2	HONEYWELL (1)		Y HX2300r		365
5962H97B0309QNA	P	10/14/2014	2	HONEYWELL (1)		Y HX2400r		365
5962H97B0309VNA	P	10/14/2014	2	HONEYWELL (1)		Y HX2400r		365
5962H97B0311Q5C	P	10/14/2014	2	HONEYWELL (1)		Y HX2160r2.5V		365
5962H97B0311V5C	P	10/14/2014	2	HONEYWELL (1)		Y HX2160r2.5V		365
5962H97B0311Q6C	P	10/14/2014	2	HONEYWELL (1)		Y HX2160r2.5V		365
5962H97B0311V6C	P	10/14/2014	2	HONEYWELL (1)		Y HX2160r2.5V		365
5962H97B0312Q6C	P	10/14/2014	2	HONEYWELL (1)		Y HX2010		365
5962H97B0312V7C	P	10/14/2014	2	HONEYWELL (1)		Y HX2010		365
5962H97B0312V9A	P	10/14/2014	2	HONEYWELL (1)		Y HX2010		365
5962H97B0401QXC	D	06/20/2007	1	COBHAM		Y UT25E/R_QCH		368
5962H97B0401VXC	D	06/20/2007	1	COBHAM		Y UT25E/R_VCH		368
5962H97B0402QXC	D	06/20/2007	1	COBHAM		Y UT25E/R_QCH		368
5962H97B0402VXC	D	06/20/2007	1	COBHAM		Y UT25E/R_VCH		368
5962H97B0402QYA	D	06/20/2007	1	COBHAM		Y UT25E/R_QCH		368
5962H97B0402VYA	D	06/20/2007	1	COBHAM		Y UT25E/R_VCH		368
5962H97B0402QZA	D	06/20/2007	1	COBHAM		Y UT25E/R_QCH		368
5962H97B0402QZC	D	06/20/2007	1	COBHAM		Y UT25E/R_QCH		368
5962H97B0402VZA	D	06/20/2007	1	COBHAM		Y UT25E/R_VCH		368
5962H97B0402VZC	D	06/20/2007	1	COBHAM		Y UT25E/R_VCH		368
5962H97B0403QXC	D	06/20/2007	1	COBHAM		Y UT25E/R_QCH		368
5962H97B0403VXC	D	06/20/2007	1	COBHAM		Y UT25E/R_VCH		368
5962H97B0404QXC	D	06/20/2007	1	COBHAM		Y UT25E/R_QCH		368
5962H97B0404VXC	D	06/20/2007	1	COBHAM		Y UT25E/R_VCH		368
5962H97B0405QXC	D	06/20/2007	1	COBHAM		Y UT25E/R_QCH		368
5962H97B0405VXC	D	06/20/2007	1	COBHAM		Y UT25E/R_VCH		368
5962H97B0406QXC	D	06/20/2007	1	COBHAM		Y UT35E/R_QCH		368
5962H97B0406VXC	D	06/20/2007	1	COBHAM		Y UT35E/R_VCH		368
5962H97B0406QZC	D	06/20/2007		(NONE)		UT35E/R (GEN)		368
5962H97B0406VZC	D	06/20/2007		(NONE)		UT35E/R (GEN)		368
5962H97B0407QXC	D	06/20/2007	1	COBHAM		Y UT75E/R_QCH		368
5962H97B0407VXC	D	06/20/2007	1	COBHAM		Y UT75E/R_VCH		368
5962H97B0408QXC	D	06/20/2007	1	COBHAM		Y UT100E/R_QCH		368
5962H97B0408VXC	D	06/20/2007	1	COBHAM		Y UT100E/R_VCH		368
5962-9800101KEA	E	01/16/2019	2	AVAGO		Y HCPL-268K#200		460
5962-9800101KEC	E	01/16/2019	2	AVAGO		Y HCPL-268K		460
5962-9800101KTA	E	01/16/2019	2	AVAGO		Y HCPL-268K#300		460
5962-9800101KUA	E	01/16/2019	2	AVAGO		Y HCPL-268K#100		460
5962-9800101KUC	E	01/16/2019	2	AVAGO		Y HCPL-268K#100		460

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5962-9800101KXA	E	01/16/2019		(NONE)			66072 (GEN)	460
5962-9800102KPA	E	01/16/2019	2	AVAGO		Y	HCPL-563K#200	460
5962-9800102KPC	E	01/16/2019	2	AVAGO		Y	HCPL-563K	460
5962-9800102KYA	E	01/16/2019	2	AVAGO		Y	HCPL-563K#100	460
5962-9800102KYC	E	01/16/2019	2	AVAGO		Y	HCPL-563K#100	460
5962-9800102KZA	E	01/16/2019	2	AVAGO		Y	HCPL-563K#300	460
5962-9800103K2A	E	01/16/2019	2	AVAGO		Y	HCPL-663K	460
5962-9800104KFA	E	01/16/2019	2	AVAGO		Y	HCPL-665K	460
5962-9800104KFC	E	01/16/2019	2	AVAGO		Y	HCPL-665K	460
5962-9800201KEA	D	12/13/2018	3	AVAGO		Y	HCPL-177K#200	460
5962-9800201KEC	D	12/13/2018	3	AVAGO		Y	HCPL-177K	460
5962-9800201KFC	D	12/13/2018	3	AVAGO		Y	HCPL-675K	460
5962-9800201KXA	D	12/13/2018	3	AVAGO		Y	HCPL-177K#300	460
5962-9800201KYA	D	12/13/2018	3	AVAGO		Y	HCPL-177K#100	460
5962-9800201KYC	D	12/13/2018	3	AVAGO		Y	HCPL-177K#100	460
5962-9800201KZA	D	12/13/2018	3	AVAGO		Y	HCPL-177K#600	460
5962-9800201KZC	D	12/13/2018	3	AVAGO		Y	HCPL-177K#600	460
5962-9800302HXA		12/01/1999		(NONE)	08/29/2003		AD14160 (GEN)	432
5962F9800701V9A	A	05/05/1999		(NONE)			ACS253 (GEN)	276
5962F9800701VEC	A	05/05/1999		(NONE)			ACS253 (GEN)	276
5962F9800701VXC	A	05/05/1999		(NONE)			ACS253 (GEN)	276
5962F9800801V9A	A	05/05/1999		(NONE)			ACS257 (GEN)	276
5962F9800801VEC	A	05/05/1999		(NONE)			ACS257 (GEN)	276
5962F9800801VXC	A	05/05/1999		(NONE)			ACS257 (GEN)	276
5962-9850901NTB	B	04/01/2016		(NONE)	04/27/2010		4028-4 (GEN)	399
5962-9850901NUA	B	04/01/2016		(NONE)	12/31/2012		4028-4 (GEN)	399
5962-9850901QXC	B	04/01/2016		(NONE)	12/31/2012		4028-4 (GEN)	399
5962-9850901QYC	B	04/01/2016		(NONE)	12/31/2012		4028-4 (GEN)	399
5962-9850901QZC	B	04/01/2016		(NONE)	12/31/2012		4028-4 (GEN)	399
5962-9851001NTB	C	05/16/2016		(NONE)	04/27/2011		4036-3 (GEN)	399
5962-9851001NUA	C	05/16/2016		(NONE)	02/22/2011		4036-3 (GEN)	399
5962-9851001QXC	C	05/16/2016		(NONE)	12/31/2012		4036-3 (GEN)	399
5962-9851001QYC	C	05/16/2016		(NONE)	12/31/2012		4036-3 (GEN)	399
5962-9851001QZC	C	05/16/2016		(NONE)	12/31/2012		4036-3 (GEN)	399
5962-9851101NTB	B	06/06/2016		(NONE)	12/31/2012		4062-3 (GEN)	399
5962-9851101NUA	B	06/06/2016		(NONE)	12/31/2012		4062-3 (GEN)	399
5962-9851101QXC	B	06/06/2016		(NONE)	12/31/2012		4062-3 (GEN)	399
5962-9851101QYC	B	06/06/2016		(NONE)	12/31/2012		4062-3 (GEN)	399
5962-9851101QZC	B	06/06/2016		(NONE)	12/31/2012		4062-3 (GEN)	399
5962-9851301NTB	A	04/10/2008		(NONE)	12/31/2012		4013-3 (GEN)	381
5962-9851301QXC	A	04/10/2008		(NONE)	12/31/2012		4013-3 (GEN)	381
5962-9851301QYC	A	04/10/2008		(NONE)	12/31/2012		4013-3 (GEN)	381
5962-9851301QZC	A	04/10/2008		(NONE)	12/31/2012		4013-3 (GEN)	381
5962-9851401HIA	E	02/12/2019		(NONE)			MSK1362B (GEN)	781
5962-9851401HIC	E	02/12/2019	1	ANAREN		Y	MSK1362B	781
5962-9851501Q2A	E	01/04/2018	1	TI		Y	TL082MFKB	703
5962-9851501QPA	E	01/04/2018	1	TI		Y	TL082MJGB	703
5962-9851502Q2A	E	01/04/2018		(NONE)			TL081 (GEN)	703
5962-9851502QPA	E	01/04/2018		(NONE)			TL081 (GEN)	703

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5962-9851503Q2A	E	01/04/2018	1	TI		Y TL084MFKB		703
5962-9851503QCA	E	01/04/2018	1	TI		Y TL084MJB		703
5962-9851601Q2A	B	11/25/2014	2	TI		Y SNJ54AHC138FK		282
5962-9851601QEA	B	11/25/2014	2	TI		Y SNJ54AHC138J		282
5962-9851601QFA	B	11/25/2014	2	TI		Y SNJ54AHC138W		282
5962-9851701Q2A	B	04/23/2014	2	TI		Y SNJ54AHCT138FK		282
5962-9851701QEA	B	04/23/2014	2	TI		Y SNJ54AHCT138J		282
5962-9851701QFA	B	04/23/2014	2	TI		Y SNJ54AHCT138W		282
5962F9851801VXC	A	05/29/2007		(NONE)	12/28/2003		HS-1410RH (GEN)	739
5962-9852101QXA	B	09/22/2014	2	TI	09/26/2018	Y	SNJ54CBT16212AWD	399
5962-9852201HXA	E	02/12/2018	1	CRANE		Y	MHV2805S/883	594
5962-9852201HXC	E	02/12/2018	1	CRANE		Y	MHV2805S/883	594
5962-9852201HZA	E	02/12/2018	1	CRANE		Y	MHV2805SF/883	594
5962-9852201HXC	E	02/12/2018	1	CRANE		Y	MHV2805SF/883	594
5962-9852301HXA	D	02/12/2018	1	CRANE		Y	MHV2812S/883	594
5962-9852301HXC	D	02/12/2018	1	CRANE		Y	MHV2812S/883	594
5962-9852301HZA	D	02/12/2018	1	CRANE		Y	MHV2812SF/883	594
5962-9852301HXC	D	02/12/2018	1	CRANE		Y	MHV2812SF/883	594
5962-9852401HXA	D	02/13/2018	1	CRANE		Y	MHV2815S/883	594
5962-9852401HXC	D	02/13/2018	1	CRANE		Y	MHV2815S/883	594
5962-9852401HZA	D	02/13/2018	1	CRANE		Y	MHV2815SF/883	594
5962-9852401HXC	D	02/13/2018	1	CRANE		Y	MHV2815SF/883	594
5962-9852501HXA	E	10/12/2017	1	CRANE		Y	MHV2805D/883	594
5962-9852501HXC	E	10/12/2017	1	CRANE		Y	MHV2805D/883	594
5962-9852501HZA	E	10/12/2017	1	CRANE		Y	MHV2805DF/883	594
5962-9852501HXC	E	10/12/2017	1	CRANE		Y	MHV2805DF/883	594
5962-9852601HXA	E	10/13/2017	1	CRANE		Y	MHV2812D/883	594
5962-9852601HXC	E	10/13/2017	1	CRANE		Y	MHV2812D/883	594
5962-9852601HZA	E	10/13/2017	1	CRANE		Y	MHV2812DF/883	594
5962-9852601HXC	E	10/13/2017	1	CRANE		Y	MHV2812DF/883	594
5962-9852701HXA	E	11/08/2017	1	CRANE		Y	MHV2815D/883	594
5962-9852701HXC	E	11/08/2017	1	CRANE		Y	MHV2815D/883	594
5962-9852701HZA	E	11/08/2017	1	CRANE		Y	MHV2815DF/883	594
5962-9852701HXC	E	11/08/2017	1	CRANE		Y	MHV2815DF/883	594
5962-9852801HXA	E	11/08/2017	1	CRANE		Y	MHV283R3S/883	594
5962-9852801HXC	E	11/08/2017	1	CRANE		Y	MHV283R3S/883	594
5962-9852801HZA	E	11/08/2017	1	CRANE		Y	MHV283R3SF/883	594
5962-9852801HXC	E	11/08/2017	1	CRANE		Y	MHV283R3SF/883	594
5962-9852901HXA	G	04/25/2017		(NONE)			SLH2815D (GEN)	594
5962L9852901HXA	G	04/25/2017		(NONE)			SLH2815D (GEN)	594
5962L9852901KXA	G	04/25/2017		(NONE)			SLH2815D (GEN)	594
5962R9852901HXA	G	04/25/2017		(NONE)			SLH2815D (GEN)	594
5962R9852901KXA	G	04/25/2017		(NONE)			SLH2815D (GEN)	594
5962L9852902HXA	G	04/25/2017	3B	CRANE		Y	SLH2815D/HL	594
5962L9852902HXC	G	04/25/2017	3B	CRANE		Y	SLH2815D/HL	594
5962L9852902KXA	G	04/25/2017	3B	CRANE		Y	SLH2815D/KL	594
5962L9852902KXC	G	04/25/2017	3B	CRANE		Y	SLH2815D/KL	594
5962R9852902HXA	G	04/25/2017	3B	CRANE		Y	SLH2815D/HR	594
5962R9852902HXC	G	04/25/2017	3B	CRANE		Y	SLH2815D/HR	594

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5962R9852902KXA	G	04/25/2017	3B	CRANE		Y SLH2815D/KR		594
5962R9852902KXC	G	04/25/2017	3B	CRANE		Y SLH2815D/KR		594
5962-9853001Q2A	C	07/23/2014	2	TI		Y SNJ54AHC273FK		159
5962-9853001QRA	C	07/23/2014	2	TI		Y SNJ54AHC273J		159
5962-9853001QSA	C	07/23/2014	2	TI		Y SNJ54AHC273W		159
5962R9853301V9A	E	07/30/2013		(NONE)	04/30/2018		HS-OP470A (GEN)	713
5962R9853301QXC	E	07/30/2013		(NONE)	04/30/2018		HS-OP470A (GEN)	713
5962R9853301VXC	E	07/30/2013		(NONE)	04/30/2018		HS-OP470A (GEN)	713
5962R9853302V9A	E	07/30/2013	1	RENESAS		Y HS0-OP470AEH-Q		713
5962R9853302VXC	E	07/30/2013	1	RENESAS		Y HS9-OP470AEH-Q		713
5962F9853401V9A	B	10/03/2005		(NONE)			ACS138 (GEN)	282
5962F9853401VEC	B	10/03/2005	1	RENESAS		Y ACS138DMSR-03		282
5962F9853401VXC	B	10/03/2005	1	RENESAS		Y ACS138KMSR-03		282
5962F9853501V9A	A	09/02/1998		(NONE)			ACTS138 (GEN)	282
5962F9853501VEC	A	09/02/1998		(NONE)			ACTS138 (GEN)	282
5962F9853501VXC	A	09/02/1998		(NONE)			ACTS138 (GEN)	282
5962F9853601V9A	A	03/10/1999		(NONE)			ACS157-03 (GEN)	276
5962F9853601VEC	A	03/10/1999		(NONE)			ACS157-03 (GEN)	276
5962F9853601VXC	A	03/10/1999		(NONE)			ACS157-03 (GEN)	276
5962H9853701Q9A	F	06/24/2014	2	HONEYWELL (1)		Y HX6228Die		629
5962H9853701QXC	F	06/24/2014	2	HONEYWELL (1)		Y HX6228/TQHC		629
5962H9853701VXC	F	06/24/2014	2	HONEYWELL (1)		Y HX6228/TVHC		629
5962R9853701QXC	F	06/24/2014	2	HONEYWELL (1)		Y HX6228/TQRC		629
5962H9853701QYC	F	06/24/2014	2	HONEYWELL (1)		Y HX6228/AQHC		629
5962H9853701VYC	F	06/24/2014	2	HONEYWELL (1)		Y HX6228/AVHC		629
5962H9853702Q9A	F	06/24/2014	2	HONEYWELL (1)		Y HX6228Die		629
5962H9853702QXC	F	06/24/2014	2	HONEYWELL (1)		Y HX6228/TQHT		629
5962H9853702VXC	F	06/24/2014	2	HONEYWELL (1)		Y HX6228/TVHT		629
5962H9853702QYC	F	06/24/2014	2	HONEYWELL (1)		Y HX6228/AQHT		629
5962H9853702VYC	F	06/24/2014	2	HONEYWELL (1)		Y HX6228/AVHT		629
5962-9853801Q2A	B	03/05/2018	1	TI		Y TLV1548MFKB		592
5962-9853801QRA	B	03/05/2018	1	TI		Y TLV1548MJB		592
5962P9853901QGA		05/26/2000		(NONE)			LM118 (GEN)	722
5962P9853901VGA		05/26/2000		(NONE)			LM118 (GEN)	722
5962P9853901QPA		05/26/2000		(NONE)			LM118 (GEN)	722
5962P9853901VPA		05/26/2000		(NONE)			LM118 (GEN)	722
5962P9853901QZA		05/26/2000		(NONE)			LM118 (GEN)	722
5962P9853901VZA		05/26/2000		(NONE)			LM118 (GEN)	722
5962F9854001V9A	B	09/29/1999		(NONE)			ACS240 (GEN)	529
5962F9854001VRC	B	09/29/1999		(NONE)			ACS240 (GEN)	529
5962F9854001VXC	B	09/29/1999		(NONE)			ACS240 (GEN)	529
5962F9854101V9A	C	10/04/2005		(NONE)	02/06/2007		ACS244-02 (GEN)	529
5962F9854101VRC	C	10/04/2005		(NONE)	02/06/2007		ACS244-02 (GEN)	529
5962F9854101VXC	C	10/04/2005		(NONE)	02/06/2007		ACS244-02 (GEN)	529
5962-9854201QXA	C	09/21/2016	3	TI	09/26/2018	Y	SNJ54LVTH162374WD	158
5962-9854201VXA	C	09/21/2016	3	TI		Y	SNV54LVTH162374WD	158
5962-9855001QXA	E	05/25/2016	1	ROCHESTER		Y	LMX2315WG/BXA	809
5962-9855002QXA	E	05/25/2016		(NONE)	09/01/2004		LMX2325 (GEN)	809
5962-9855003QXA	E	05/25/2016	1	ROCHESTER		Y	LMX2305WG/BXA	809

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5962-9855201QXA	C	04/06/2006	1	COBHAM		Y UT69R00012GCA		420
5962-9855201QXC	C	04/06/2006	1	COBHAM		Y UT69R00012GCC		420
5962H9855201QXA	C	04/06/2006	1	COBHAM		Y UT69R00012GCAH		420
5962H9855201QXC	C	04/06/2006	1	COBHAM		Y UT69R00012GCCH		420
5962H9855201VXA	C	04/06/2006	1	COBHAM		Y UT69R00012GCAH		420
5962H9855201VXC	C	04/06/2006	1	COBHAM		Y UT69R00012GCCH		420
5962-9855201QYC	C	04/06/2006	1	COBHAM		Y UT69R00012WCC		420
5962H9855201QYC	C	04/06/2006	1	COBHAM		Y UT69R00012WCC		420
5962H9855201VYC	C	04/06/2006	1	COBHAM		Y UT69R00012WCC		420
5962-9855201QZA	C	04/06/2006	1	COBHAM		Y UT69R00012FCA		420
5962-9855201QZC	C	04/06/2006	1	COBHAM		Y UT69R00012FCC		420
5962H9855201QZA	C	04/06/2006	1	COBHAM		Y UT69R00012FCAH		420
5962H9855201QZC	C	04/06/2006	1	COBHAM		Y UT69R00012FCCH		420
5962H9855201VZA	C	04/06/2006	1	COBHAM		Y UT69R00012FCAH		420
5962H9855201VZC	C	04/06/2006	1	COBHAM		Y UT69R00012FCCH		420
5962-9855202QXA	C	04/06/2006	1	COBHAM		Y UT69R00016GCA		420
5962-9855202QXC	C	04/06/2006	1	COBHAM		Y UT69R00016GCC		420
5962H9855202QXA	C	04/06/2006	1	COBHAM		Y UT69R00016GCAH		420
5962H9855202QXC	C	04/06/2006	1	COBHAM		Y UT69R00016GCCH		420
5962H9855202VXA	C	04/06/2006	1	COBHAM		Y UT69R00016GCAH		420
5962H9855202VXC	C	04/06/2006	1	COBHAM		Y UT69R00016GCCH		420
5962-9855202QYC	C	04/06/2006	1	COBHAM		Y UT69R00016WCC		420
5962H9855202QYC	C	04/06/2006	1	COBHAM		Y UT69R00016WCC		420
5962H9855202VYC	C	04/06/2006	1	COBHAM		Y UT69R00016WCC		420
5962-9855202QZA	C	04/06/2006	1	COBHAM		Y UT69R00016FCA		420
5962-9855202QZC	C	04/06/2006	1	COBHAM		Y UT69R00016FCC		420
5962H9855202QZA	C	04/06/2006	1	COBHAM		Y UT69R00016FCAH		420
5962H9855202QZC	C	04/06/2006	1	COBHAM		Y UT69R00016FCCH		420
5962H9855202VZA	C	04/06/2006	1	COBHAM		Y UT69R00016FCAH		420
5962H9855202VZC	C	04/06/2006	1	COBHAM		Y UT69R00016FCCH		420
5962-9855301QXA	B	10/27/2014	2	TI	09/26/2018	Y SNJ54CBT16244WD		399
5962-9855501VPA		07/08/2010	1B	TI		Y SE555JG		814
5962-9856401QEA	B	08/04/2014	1	TI		Y SNJ5447AJ		291
5962-9856401QFA	B	08/04/2014	1	TI		Y SNJ5447AW		291
5962-9857801QXA	E	02/25/2019	3	TI		Y SMJ320C6201BGLPW15		432
5962-9857901Q9A	A	04/22/2014		(NONE)	06/01/2006	A32100DX (GEN)		381
5962-9857901QXC	A	04/22/2014		(NONE)	06/01/2006	A32100DX (GEN)		381
5962-9857902QXC	A	04/22/2014		(NONE)	06/01/2006	A32100DX-1 (GEN)		381
5962-9858001Q9A	T	04/23/2018		(NONE)		54ACS164245 (GEN)		590
5962R9858001Q9A	T	04/23/2018	1	COBHAM		Y UT54ACS164245S-QDIE		590
5962R9858001V9A	T	04/23/2018	1	COBHAM		Y UT54ACS164245S-VDIE		590
5962-9858001QXC	T	04/23/2018		(NONE)		54ACS164245 (GEN)		590
5962R9858001QXC	T	04/23/2018	1	COBHAM		Y UT54ACS164245SUCC		590
5962R9858001VXC	T	04/23/2018	1	COBHAM		Y UT54ACS164245SUCCR		590
5962-9858002Q9A	T	04/23/2018		(NONE)		54ACS164245 (GEN)		590
5962R9858002Q9A	T	04/23/2018	1	COBHAM		Y UT54ACS164245S-QDIE		590
5962R9858002V9A	T	04/23/2018	1	COBHAM		Y UT54ACS164245S-VDIE		590
5962-9858002QXC	T	04/23/2018		(NONE)		54ACS164245 (GEN)		590
5962R9858002QXC	T	04/23/2018	1	COBHAM		Y UT54ACS164245SUCC		590



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5962R9858002VXC	T	04/23/2018	1	COBHAM		Y UT54ACS164245SUCCR		590
5962-9858003Q9A	T	04/23/2018		(NONE)		54ACS164245 (GEN)		590
5962R9858003Q9A	T	04/23/2018	1	COBHAM		Y UT54ACS164245S-QDIE		590
5962R9858003V9A	T	04/23/2018	1	COBHAM		Y UT54ACS164245S-VDIE		590
5962-9858003QXC	T	04/23/2018		(NONE)		54ACS164245 (GEN)		590
5962R9858003QXC	T	04/23/2018	1	COBHAM		Y UT54ACS164245SUCC		590
5962R9858003VXC	T	04/23/2018	1	COBHAM		Y UT54ACS164245SUCCR		590
5962-9858004Q9A	T	04/23/2018		(NONE)		54ACS164245 (GEN)		590
5962R9858004Q9A	T	04/23/2018	1	COBHAM		Y UT54ACS164245SE-QDIE		590
5962R9858004V9A	T	04/23/2018	1	COBHAM		Y UT54ACS164245SE-VDIE		590
5962-9858004QXC	T	04/23/2018		(NONE)		54ACS164245 (GEN)		590
5962R9858004QXC	T	04/23/2018	1	COBHAM		Y UT54ACS164245SEUCC		590
5962R9858004VXC	T	04/23/2018	1	COBHAM		Y UT54ACS164245SEUCCR		590
5962-9858005Q9A	T	04/23/2018		(NONE)		54ACS164245 (GEN)		590
5962R9858005Q9A	T	04/23/2018	1	COBHAM		Y UT54ACS164245SE-QDIE		590
5962R9858005V9A	T	04/23/2018	1	COBHAM		Y UT54ACS164245SE-VDIE		590
5962-9858005QXC	T	04/23/2018		(NONE)		54ACS164245 (GEN)		590
5962R9858005QXC	T	04/23/2018	1	COBHAM		Y UT54ACS164245SEUCC		590
5962R9858005VXC	T	04/23/2018	1	COBHAM		Y UT54ACS164245SEUCCR		590
5962R9858006Q9A	T	04/23/2018	1	COBHAM		Y UT54ACS164245SEIQDIE		590
5962R9858006V9A	T	04/23/2018	1	COBHAM		Y UT54ACS164245SEIVDIE		590
5962R9858006QXC	T	04/23/2018	1	COBHAM		Y UT54ACS164245SEIUCC		590
5962R9858006VXC	T	04/23/2018	1	COBHAM		Y UT54ACS164245SEIUCCR		590
5962R9858007Q9A	T	04/23/2018	1	COBHAM		Y UT54ACS164245SEIQDIE		590
5962R9858007V9A	T	04/23/2018	1	COBHAM		Y UT54ACS164245SEIVDIE		590
5962R9858007QXC	T	04/23/2018	1	COBHAM		Y UT54ACS164245SEIUCC		590
5962R9858007VXC	T	04/23/2018	1	COBHAM		Y UT54ACS164245SEIUCCR		590
5962R9858008V9A	T	04/23/2018	2	STMICRO		Y AC164245DIE2V		590
5962R9858008QYC	T	04/23/2018	2	STMICRO		Y RHRAC164245K01Q		590
5962R9858008VYC	T	04/23/2018	2	STMICRO		Y RHRAC164245K01V		590
5962R9858008VZC	T	04/23/2018	2	STMICRO		Y RHRAC164245K03V		590
5962R9858301Q9A	E	07/30/2007		(NONE)		UT80CRH196 (GEN)		420
5962R9858301V9A	E	07/30/2007		(NONE)		UT80CRH196 (GEN)		420
5962-9858301QXA	E	07/30/2007		(NONE)		UT80C196 (GEN)		420
5962R9858301QXA	E	07/30/2007		(NONE)		UT80CRH196 (GEN)		420
5962R9858301VXA	E	07/30/2007		(NONE)		UT80CRH196 (GEN)		420
5962R9858302Q9A	E	07/30/2007		(NONE)		UT80CRH196 (GEN)		420
5962R9858302V9A	E	07/30/2007		(NONE)		UT80CRH196 (GEN)		420
5962-9858302QXA	E	07/30/2007		(NONE)		UT80C196 (GEN)		420
5962R9858302QXA	E	07/30/2007		(NONE)		UT80CRH196 (GEN)		420
5962R9858302VXA	E	07/30/2007		(NONE)		UT80CRH196 (GEN)		420
5962-9858401QFA	B	07/21/2016	2	TI		Y DS26LV31W-QML		569
5962-9858501QFA	B	08/08/2016	2	TI		Y DS26LV32AW-QML		575
5962-9858601Q2A	C	12/13/2016	2	SRI		Y GEM22401Q2A		656
5962-9858601Q2C	C	12/13/2016	2	SRI		Y GEM22401Q2C		656
5962-9858601QRA	C	12/13/2016	2	SRI		Y GEM22401QRA		656
5962-9858601QRC	C	12/13/2016	2	SRI		Y GEM22401QRC		656
5962-9858601QSA	C	12/13/2016	2	SRI		Y GEM22401QSA		656
5962-9858601QSC	C	12/13/2016	2	SRI		Y GEM22401QSC		656

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5962-9858701QXA	C	03/04/2013	1	COBHAM		Y	UT69151RTEGCA	399
5962-9858701QXC	C	03/04/2013	1	COBHAM		Y	UT69151RTEGCC	399
5962-9858701QYC	C	03/04/2013	1	COBHAM		Y	UT69151RTEWCC	399
5962-9858701QZC	C	03/04/2013	1	COBHAM		Y	UT69151RTEFCC	399
5962-9858801Q2A	F	09/20/2017		(NONE)	11/28/2015		TLV2772M (GEN)	710
5962-9858801QHA	F	09/20/2017		(NONE)	11/28/2015		TLV2772M (GEN)	710
5962-9858801QPA	F	09/20/2017		(NONE)	11/28/2015		TLV2772M (GEN)	710
5962-9858802Q2A	F	09/20/2017		(NONE)	11/28/2015		TLV2772AM (GEN)	710
5962-9858802QHA	F	09/20/2017		(NONE)	11/28/2015		TLV2772AM (GEN)	710
5962-9858802QPA	F	09/20/2017	2	TI		Y	TLV2772AMJGB	710
5962-9859001MMA	F	04/01/2016	1	MICROSS		Y	MTLT1086QM-3.3	782
5962-9859001MNA	F	04/01/2016		(NONE)			OM3957 (GEN)	782
5962-9859001MTA	F	04/01/2016	1	MICROSS		Y	MTLT1086QU-3.3	782
5962-9859001MUA	F	04/01/2016	1	MICROSS		Y	MTLT1086QP-3.3	782
5962P9859001MUA	F	04/01/2016		(NONE)			OM3957 (GEN)	782
5962-9859001MXA	F	04/01/2016		(NONE)			OM3957 (GEN)	782
5962-9859101NXB	B	05/14/2003		(NONE)	06/28/2002		HI5905 (GEN)	592
5962-9859301QXA	B	10/23/2014		(NONE)	11/28/2015		54ABT162601 (GEN)	590
5962F9860101V9A	A	04/21/1999		(NONE)			ACS02 (GEN)	120
5962F9860101VCC	A	04/21/1999		(NONE)			ACS02-03 (GEN)	120
5962F9860101VXC	A	04/21/1999		(NONE)			ACS02 (GEN)	120
5962F9860201V9A	A	04/13/1999		(NONE)			ACS05 (GEN)	143
5962F9860201VCC	A	04/13/1999		(NONE)			ACS05 (GEN)	143
5962F9860201VXC	A	04/13/1999		(NONE)			ACS05 (GEN)	143
5962F9860301V9A	B	10/12/2005		(NONE)	02/06/2007		ACS04-03 (GEN)	143
5962F9860301VCC	B	10/12/2005		(NONE)	02/06/2007		ACS04-03 (GEN)	143
5962F9860301VXC	B	10/12/2005		(NONE)	02/06/2007		ACS04-03 (GEN)	143
5962-9860501QKA		01/07/1999		(NONE)	03/04/2003		54LVX3245 (GEN)	399
5962-9860501QLA		01/07/1999		(NONE)	03/04/2003		54LVX3245 (GEN)	399
5962-9860601QKA		01/07/1999		(NONE)	03/04/2003		54LVX4245 (GEN)	399
5962-9860601QLA		01/07/1999		(NONE)	03/04/2003		54LVX4245 (GEN)	399
5962-9860801Q2A	C	08/18/2014	2	TI		Y	SNJ54AHC123AFK	166
5962-9860801QEA	C	08/18/2014	2	TI		Y	SNJ54AHC123AJ	166
5962-9860801QFA	C	08/18/2014	2	TI		Y	SNJ54AHC123AW	166
5962-9861101Q2A	B	11/03/2015		(NONE)	11/28/2015		54128 (GEN)	569
5962-9861101QCA	B	11/03/2015	1	TI		Y	SNJ54128J	569
5962-9861101QDA	B	11/03/2015	1	TI		Y	SNJ54128W	569
5962-9861201QXA	E	09/11/2018	2	TI		Y	SMJ320F240HFFPM40	432
5962-9861202QXA	E	09/11/2018		(NONE)			320F240 (GEN)	432
5962F9861301V9A	L	01/27/2017	2	RENESAS		Y	HS0-139RH-Q	776
5962F9861301QCC	L	01/27/2017	2	RENESAS		Y	HS1-139RH-8	776
5962F9861301VCC	L	01/27/2017	2	RENESAS		Y	HS1-139RH-Q	776
5962R9861301TCC	L	01/27/2017		(NONE)	03/23/2003		HS-139 (GEN)	776
5962F9861301QXC	L	01/27/2017	2	RENESAS		Y	HS9-139RH-8	776
5962F9861301VXC	L	01/27/2017	2	RENESAS		Y	HS9-139RH-Q	776
5962R9861301TXC	L	01/27/2017		(NONE)	03/23/2003		HS-139 (GEN)	776
5962F9861302V9A	L	01/27/2017		(NONE)	01/02/2014		HS-139B (GEN)	776
5962F9861302QCC	L	01/27/2017		(NONE)	01/02/2014		HS-139B (GEN)	776
5962F9861302VCC	L	01/27/2017		(NONE)	01/02/2014		HS-139B (GEN)	776

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5962F9861302QXC	L	01/27/2017		(NONE)	01/02/2014		HS-139B (GEN)	776
5962F9861302VXC	L	01/27/2017		(NONE)	01/02/2014		HS-139B (GEN)	776
5962F9861303V9A	L	01/27/2017	2	RENESAS		Y	HS0-139EH-Q	776
5962F9861303VCC	L	01/27/2017	2	RENESAS		Y	HS1-139EH-Q	776
5962F9861303VXC	L	01/27/2017	2	RENESAS		Y	HS9-139EH-Q	776
5962-9861401QRA	A	08/16/2010		(NONE)			AD977A (GEN)	592
5962H9861501QXC	B	10/17/2013		(NONE)			1M8C3V30 (GEN)	629
5962H9861501VXC	B	10/17/2013		(NONE)			1M8C3V30 (GEN)	629
5962H9861502QXC	B	10/17/2013		(NONE)			1M8C3V35 (GEN)	629
5962H9861502VXC	B	10/17/2013		(NONE)			1M8C3V35 (GEN)	629
5962-9861601Q2A	A	10/22/2007	2	TI		Y	SNJ54AHCT123AFK	166
5962-9861601QEA	A	10/22/2007	2	TI		Y	SNJ54AHCT123AJ	166
5962-9861601QFA	A	10/22/2007	2	TI		Y	SNJ54AHCT123AW	166
5962-9861701Q2A	B	08/25/2014	1	TI		Y	SNJ54LS06FK	523
5962-9861701QCA	B	08/25/2014	1	TI		Y	SNJ54LS06J	523
5962-9861901QKA		02/01/1999		(NONE)	03/04/2003		54LVXC3245 (GEN)	399
5962-9861901QLA		02/01/1999		(NONE)	03/04/2003		54LVXC3245 (GEN)	399
5962-9862001QKA		02/19/1999		(NONE)	03/04/2003		54LVXC4245 (GEN)	590
5962-9862001QLA		02/19/1999		(NONE)	03/04/2003		54LVXC4245 (GEN)	590
5962-9862101QFA		12/21/1998		(NONE)			54ACT3301 (GEN)	422
5962F9862201V9A	A	04/13/1999		(NONE)			ACS11 (GEN)	112
5962F9862201VCC	A	04/13/1999		(NONE)			ACS11 (GEN)	112
5962F9862201VXC	A	04/13/1999		(NONE)			ACS11 (GEN)	112
5962F9862301V9A	A	04/05/1999		(NONE)			ACS14 (GEN)	143
5962F9862301VCC	A	04/05/1999		(NONE)			ACS14-03 (GEN)	143
5962F9862301VXC	A	04/05/1999		(NONE)			ACS14-03 (GEN)	143
5962F9862401V9A	A	04/13/1999		(NONE)			ACS32 (GEN)	142
5962F9862401VCC	A	04/13/1999		(NONE)	09/14/2003		ACS32 (GEN)	142
5962F9862401VXC	A	04/13/1999		(NONE)	09/14/2003		ACS32 (GEN)	142
5962F9862501V9A	A	04/05/1999		(NONE)			ACS132 (GEN)	109
5962F9862501VCC	A	04/05/1999		(NONE)			ACS132 (GEN)	109
5962F9862501VXC	A	04/05/1999		(NONE)			ACS132 (GEN)	109
5962-9862701Q2A	B	08/25/2014		(NONE)	11/28/2015		54AS74A (GEN)	158
5962-9862701QCA	B	08/25/2014	2	TI		Y	SNJ54AS74AJ	158
5962-9862801QPA	A	12/01/2009		(NONE)	03/30/2001		LT1126 (GEN)	710
5962F9862901V9A	A	09/13/1999		(NONE)			ACS21 (GEN)	114
5962F9862901VCC	A	09/13/1999		(NONE)			ACS21 (GEN)	114
5962F9862901VXC	A	09/13/1999		(NONE)			ACS21 (GEN)	114
5962F9863001V9A	A	09/13/1999		(NONE)			ACS27 (GEN)	122
5962F9863001VCC	A	09/13/1999		(NONE)			ACS27 (GEN)	122
5962F9863001VXC	A	09/13/1999		(NONE)			ACS27 (GEN)	122
5962F9863101V9A	A	09/13/1999		(NONE)			ACS30 (GEN)	106
5962F9863101VCC	A	09/13/1999		(NONE)			ACS30 (GEN)	106
5962F9863101VXC	A	09/13/1999		(NONE)			ACS30 (GEN)	106
5962F9863201V9A	A	09/13/1999		(NONE)			ACS109 (GEN)	152
5962F9863201VEC	A	09/13/1999		(NONE)			ACS109 (GEN)	152
5962F9863201VXC	A	09/13/1999		(NONE)			ACS109 (GEN)	152
5962F9863301V9A	A	09/13/1999		(NONE)			ACS147 (GEN)	345
5962F9863301VEC	A	09/13/1999		(NONE)			ACS147 (GEN)	345

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5962F9863301VXC	A	09/13/1999		(NONE)		ACS147 (GEN)		345
5962F9863401V9A	A	09/13/1999		(NONE)		ACS174 (GEN)		159
5962F9863401VEC	A	09/13/1999		(NONE)		ACS174 (GEN)		159
5962F9863401VXC	A	09/13/1999		(NONE)		ACS174 (GEN)		159
5962F9863501V9A	A	09/13/1999		(NONE)		ACS175 (GEN)		152
5962F9863501VEC	A	09/13/1999		(NONE)		ACS175 (GEN)		152
5962F9863501VXC	A	09/13/1999		(NONE)		ACS175 (GEN)		152
5962-9863601QGA	E	01/11/2018		(NONE)		LF155A (GEN)		703
5962R9863601VGA	E	01/11/2018	1	ANALOG (4)		Y PM155AJ/QMLR		703
5962-9863601QPA	E	01/11/2018		(NONE)		LF155A (GEN)		703
5962R9863601VPA	E	01/11/2018	1	ANALOG (4)		Y PM155AZ/QMLR		703
5962-9863602QGA	E	01/11/2018		(NONE)		LF156A (GEN)		703
5962R9863602VGA	E	01/11/2018	1	ANALOG (4)		Y PM156AJ/QMLR		703
5962-9863602QPA	E	01/11/2018		(NONE)		LF156A (GEN)		703
5962R9863602VPA	E	01/11/2018	1	ANALOG (4)		Y PM156AZ/QMLR		703
5962R9863701VGA	F	04/12/2018	1	ANALOG (4)		Y PM108AJ/QMLR		721
5962R9863701VHA	F	04/12/2018	1	ANALOG (4)		Y PM108AL/QMLR		721
5962R9863701VPA	F	04/12/2018	1	ANALOG (4)		Y PM108AZ/QMLR		721
5962-9863702QCA	F	04/12/2018		(NONE)		LM108A (GEN)		721
5962R9863702QCA	F	04/12/2018		(NONE)		LM108A (GEN)		721
5962R9863702VCA	F	04/12/2018		(NONE)		LM108A (GEN)		721
5962-9863702QGA	F	04/12/2018		(NONE)		LM108A (GEN)		721
5962L9863702VGA	F	04/12/2018		(NONE)	03/05/2008	LM108A (GEN)		721
5962R9863702QGA	F	04/12/2018		(NONE)	03/05/2008	LM108A (GEN)		721
5962R9863702VGA	F	04/12/2018		(NONE)	03/05/2008	LM108A (GEN)		721
5962L9863702VHA	F	04/12/2018		(NONE)		LM108A (GEN)		721
5962R9863702QHA	F	04/12/2018		(NONE)		LM108A (GEN)		721
5962R9863702VHA	F	04/12/2018		(NONE)		LM108A (GEN)		721
5962-9863702QPA	F	04/12/2018		(NONE)		LM108A (GEN)		721
5962R9863702QPA	F	04/12/2018		(NONE)		LM108A (GEN)		721
5962R9863702VPA	F	04/12/2018		(NONE)		LM108A (GEN)		721
5962L9863702VZA	F	04/12/2018		(NONE)		LM108A (GEN)		721
5962R9863702QZA	F	04/12/2018		(NONE)		LM108A (GEN)		721
5962R9863702VZA	F	04/12/2018		(NONE)		LM108A (GEN)		721
5962-9863801HUA	C	08/06/2013	1C	INTER. RECT.2		Y AFL2806.5DW/CH		594
5962-9863801HUC	C	08/06/2013	1C	INTER. RECT.2		Y AFL2806.5DW/CH		594
5962-9863801HXA	C	08/06/2013	1C	INTER. RECT.2		Y AFL2806.5DX/CH		594
5962-9863801HXC	C	08/06/2013	1C	INTER. RECT.2		Y AFL2806.5DX/CH		594
5962-9863801HYA	C	08/06/2013	1C	INTER. RECT.2		Y AFL2806.5DY/CH		594
5962-9863801HYC	C	08/06/2013	1C	INTER. RECT.2		Y AFL2806.5DY/CH		594
5962-9863801HZA	C	08/06/2013	1C	INTER. RECT.2		Y AFL2806.5DZ/CH		594
5962-9863801HZC	C	08/06/2013	1C	INTER. RECT.2		Y AFL2806.5DZ/CH		594
5962R9863901V2A	E	03/28/2011		(NONE)		OP07A (GEM)		701
5962R9863901VGA	E	03/28/2011	1	ANALOG (4)		Y OP07AJ/QMLR		701
5962R9863901VHA	E	03/28/2011	1	ANALOG (4)		Y OP07AL/QMLR		701
5962R9863901VPA	E	03/28/2011	1	ANALOG (4)		Y OP07AZ/QMLR		701
5962-9864001HNA	D	02/14/2017	1	SOLITRON		Y SDP7815ANHD		782
5962-9864001HNC	D	02/14/2017	1	SOLITRON		Y SDP7815ANHG		782
5962-9864001HTA	D	02/14/2017	1	SOLITRON		Y SDP7815ATHD		782

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5962-9864001HTC	D	02/14/2017	1	SOLITRON		Y SDP7815ATHG		782
5962-9864001HUA	D	02/14/2017	1	SOLITRON		Y SDP7815AUHD		782
5962-9864001HUC	D	02/14/2017	1	SOLITRON		Y SDP7815AUHG		782
5962-9864001HZA	D	02/14/2017	1	SOLITRON		Y SDP7815AZHD		782
5962-9864001HZC	D	02/14/2017	1	SOLITRON		Y SDP7815AZHG		782
5962-9864101HNA	C	05/15/2012	1	SOLITRON		Y SDP7915ANHD		783
5962-9864101HNC	C	05/15/2012	1	SOLITRON		Y SDP7915ANHG		783
5962-9864101HTA	C	05/15/2012	1	SOLITRON		Y SDP7915ATHD		783
5962-9864101HTC	C	05/15/2012	1	SOLITRON		Y SDP7915ATHG		783
5962-9864101HUA	C	05/15/2012	1	SOLITRON		Y SDP7915AUHD		783
5962-9864101HUC	C	05/15/2012	1	SOLITRON		Y SDP7915AUHG		783
5962-9864101HZA	C	05/15/2012	1	SOLITRON		Y SDP7915AZHD		783
5962-9864101HZC	C	05/15/2012	1	SOLITRON		Y SDP7915AZHG		783
5962-9864201HNA	C	05/15/2012	1	SOLITRON		Y SDP7905ANHD		783
5962-9864201HNC	C	05/15/2012	1	SOLITRON		Y SDP7905ANHG		783
5962-9864201HTA	C	05/15/2012	1	SOLITRON		Y SDP7905ATHD		783
5962-9864201HTC	C	05/15/2012	1	SOLITRON		Y SDP7905ATHG		783
5962-9864201HUA	C	05/15/2012	1	SOLITRON		Y SDP7905AUHD		783
5962-9864201HUC	C	05/15/2012	1	SOLITRON		Y SDP7905AUHG		783
5962-9864201HZA	C	05/15/2012	1	SOLITRON		Y SDP7905AZHD		783
5962-9864201HZC	C	05/15/2012	1	SOLITRON		Y SDP7905AZHG		783
5962-9864301HNA	C	05/15/2012	1	SOLITRON		Y SDP7805ANHD		782
5962-9864301HNC	C	05/15/2012	1	SOLITRON		Y SDP7805ANHG		782
5962-9864301HTA	C	05/15/2012	1	SOLITRON		Y SDP7805ATHD		782
5962-9864301HTC	C	05/15/2012	1	SOLITRON		Y SDP7805ATHG		782
5962-9864301HUA	C	05/15/2012	1	SOLITRON		Y SDP7805AUHD		782
5962-9864301HUC	C	05/15/2012	1	SOLITRON		Y SDP7805AUHG		782
5962-9864301HZA	C	05/15/2012	1	SOLITRON		Y SDP7805AZHD		782
5962-9864301HZC	C	05/15/2012	1	SOLITRON		Y SDP7805AZHG		782
5962H9864401QYC	C	06/08/2018	2	HONEYWELL (1)		Y HX6656/NQHC		659
5962H9864401VYC	C	06/08/2018	2	HONEYWELL (1)		Y HX6656/NVHC		659
5962H9864401QZC	C	06/08/2018	2	HONEYWELL (1)		Y HX6656/XQHC		659
5962H9864401VZC	C	06/08/2018	2	HONEYWELL (1)		Y HX6656/XVHC		659
5962H9864402QYC	C	06/08/2018	2	HONEYWELL (1)		Y HX6656/NQHT		659
5962H9864402VYC	C	06/08/2018	2	HONEYWELL (1)		Y HX6656/NVHT		659
5962H9864402QZC	C	06/08/2018	2	HONEYWELL (1)		Y HX6656/XQHT		659
5962H9864402VZC	C	06/08/2018	2	HONEYWELL (1)		Y HX6656/XVHT		659
5962-9864501QCA	B	04/20/2010		(NONE)	10/03/2004	HA-4741 (GEN)		713
5962-9864601QEA	D	04/26/2013	2	ANALOG (2)		Y AD8306A/QMLQ		899
5962R9864602VXA	D	04/26/2013	2	ANALOG (4)		Y AD8306AF/QMLR		899
5962L9864603VXA	D	04/26/2013	2	ANALOG (4)		Y AD8306AF/QMLL		899
5962-9864701H4A	F	10/28/2014		(NONE)		1083 (GEN)		780
5962-9864701HMA	F	10/28/2014		(NONE)		1083 (GEN)		780
5962-9864701HNA	F	10/28/2014		(NONE)		1083 (GEN)		780
5962-9864701HTA	F	10/28/2014		(NONE)		1083 (GEN)		780
5962-9864701HUA	F	10/28/2014		(NONE)		1083 (GEN)		780
5962-9864701HXA	F	10/28/2014		(NONE)		1083 (GEN)		780
5962-9864701HYA	F	10/28/2014		(NONE)		1083 (GEN)		780
5962-9864701HZA	F	10/28/2014		(NONE)		1083 (GEN)		780



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5962-9864801H4A	E	01/05/2015	1	SOLITRON		Y SDP10844HD		780
5962-9864801H4C	E	01/05/2015	1	SOLITRON		Y SDP10844HG		780
5962-9864801HMA	E	01/05/2015	1	SOLITRON		Y SDP1084MHD		780
5962-9864801HMC	E	01/05/2015	1	SOLITRON		Y SDP1084MHG		780
5962-9864801HNA	E	01/05/2015	1	SOLITRON		Y SDP1084NHD		780
5962-9864801HNC	E	01/05/2015	1	SOLITRON		Y SDP1084NHG		780
5962-9864801HTA	E	01/05/2015	1	SOLITRON		Y SDP1084THD		780
5962-9864801HTC	E	01/05/2015	1	SOLITRON		Y SDP1084THG		780
5962-9864801HUA	E	01/05/2015	1	SOLITRON		Y SDP1084UHD		780
5962-9864801HUC	E	01/05/2015	1	SOLITRON		Y SDP1084UHG		780
5962-9864801HYA	E	01/05/2015	1	SOLITRON		Y SDP1084YHD		780
5962-9864801HYC	E	01/05/2015	1	SOLITRON		Y SDP1084YHG		780
5962-9864801HZA	E	01/05/2015	1	SOLITRON		Y SDP1084ZHD		780
5962-9864801HZC	E	01/05/2015	1	SOLITRON		Y SDP1084ZHG		780
5962-9864901HNA	C	05/15/2012	1	SOLITRON		Y SDP1085NHD		780
5962-9864901HNC	C	05/15/2012	1	SOLITRON		Y SDP1085NHG		780
5962-9864901HTA	C	05/15/2012	1	SOLITRON		Y SDP1085THD		780
5962-9864901HTC	C	05/15/2012	1	SOLITRON		Y SDP1085THG		780
5962-9864901HUA	C	05/15/2012	1	SOLITRON		Y SDP1085UHD		780
5962-9864901HUC	C	05/15/2012	1	SOLITRON		Y SDP1085UHG		780
5962-9864901HZA	C	05/15/2012	1	SOLITRON		Y SDP1085ZHD		780
5962-9864901HZC	C	05/15/2012	1	SOLITRON		Y SDP1085ZHG		780
5962-9865001HNA	C	03/14/2017	1	SOLITRON		Y SDP1086NHD		780
5962-9865001HNC	C	03/14/2017	1	SOLITRON		Y SDP1086NHG		780
5962-9865001HTA	C	03/14/2017	1	SOLITRON		Y SDP1086THD		780
5962-9865001HTC	C	03/14/2017	1	SOLITRON		Y SDP1086THG		780
5962-9865001HUA	C	03/14/2017	1	SOLITRON		Y SDP1086UHD		780
5962-9865001HUC	C	03/14/2017	1	SOLITRON		Y SDP1086UHG		780
5962-9865001HZA	C	03/14/2017	1	SOLITRON		Y SDP1086ZHD		780
5962-9865001HZC	C	03/14/2017	1	SOLITRON		Y SDP1086ZHG		780
5962-9865101QFA	M	10/22/2015	3	TI		Y DS90LV031AW-QML		564
5962-9865101QXA	M	10/22/2015		(NONE)	12/03/2008	DS90LV031A (GEN)		564
5962H9865102Q9A	M	10/22/2015	1	COBHAM		Y UT54LVDS031LV_QDIE		564
5962H9865102V9A	M	10/22/2015	1	COBHAM		Y UT54LVDS031LV_VDIE		564
5962H9865102QYA	M	10/22/2015	1	COBHAM		Y UT54LVDS031LVUCA		564
5962H9865102QYC	M	10/22/2015	1	COBHAM		Y UT54LVDS031LVUCC		564
5962H9865102VYA	M	10/22/2015	1	COBHAM		Y UT54LVDS031LVUCA		564
5962H9865102VYC	M	10/22/2015	1	COBHAM		Y UT54LVDS031LVUCC		564
5962R9865103Q9A	M	10/22/2015	1	COBHAM		Y UT54LVDS031LV_QDIE		564
5962R9865103V9A	M	10/22/2015	1	COBHAM		Y UT54LVDS031LV_VDIE		564
5962R9865103QYA	M	10/22/2015	1	COBHAM		Y UT54LVDS031LVUCA		564
5962R9865103QYC	M	10/22/2015	1	COBHAM		Y UT54LVDS031LVUCC		564
5962R9865103VYA	M	10/22/2015	1	COBHAM		Y UT54LVDS031LVUCA		564
5962R9865103VYC	M	10/22/2015	1	COBHAM		Y UT54LVDS031LVUCC		564
5962H9865104Q9A	M	10/22/2015	1	COBHAM		Y UT54LVDS031LVE_QDIE		564
5962H9865104V9A	M	10/22/2015	1	COBHAM		Y UT54LVDS031LVE_VDIE		564
5962H9865104QYA	M	10/22/2015	1	COBHAM		Y UT54LVDS031LVEUCA		564
5962H9865104QYC	M	10/22/2015	1	COBHAM		Y UT54LVDS031LVEUCC		564
5962H9865104VYA	M	10/22/2015	1	COBHAM		Y UT54LVDS031LVEUCA		564

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5962H9865104VYC	M	10/22/2015	1	COBHAM		Y	UT54LVDS031LVEUCC	564
5962R9865105Q9A	M	10/22/2015	1	COBHAM		Y	UT54LVDS031LVE_QDIE	564
5962R9865105V9A	M	10/22/2015	1	COBHAM		Y	UT54LVDS031LVE_VDIE	564
5962R9865105QYA	M	10/22/2015	1	COBHAM		Y	UT54LVDS031LVEUCA	564
5962R9865105QYC	M	10/22/2015	1	COBHAM		Y	UT54LVDS031LVEUCC	564
5962R9865105VYA	M	10/22/2015	1	COBHAM		Y	UT54LVDS031LVEUCA	564
5962R9865105VYC	M	10/22/2015	1	COBHAM		Y	UT54LVDS031LVEUCC	564
5962R9865106VYC	M	10/22/2015	2	STMICRO		Y	RH-LVDS31K	564
5962F9865107V9A	M	10/22/2015	2	STMICRO		Y	RHFLVDS31AD2V	564
5962F9865107VZA	M	10/22/2015	2	STMICRO		Y	RHFLVDS31AK02V	564
5962F9865107VZC	M	10/22/2015	2	STMICRO		Y	RHFLVDS31AK01V	564
5962F9865108V9A	M	10/22/2015	2	STMICRO		Y	RHFLVDS315D2V	564
5962F9865108VZA	M	10/22/2015	2	STMICRO		Y	RHFLVDS315K02V	564
5962F9865108VZC	M	10/22/2015	2	STMICRO		Y	RHFLVDS315K01V	564
5962-9865201QFA	J	11/02/2015	3	TI		Y	DS90LV032AW-QML	575
5962-9865201QXA	J	11/02/2015		(NONE)	12/03/2008		DS90LV032A (GEN)	575
5962H9865202Q9A	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LV_QDIE	575
5962H9865202V9A	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LV_VDIE	575
5962H9865202QYA	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVUCA	575
5962H9865202QYC	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVUCC	575
5962H9865202VYA	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVUCA	575
5962H9865202VYC	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVUCC	575
5962R9865203Q9A	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LV_QDIE	575
5962R9865203V9A	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LV_VDIE	575
5962R9865203QYA	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVUCA	575
5962R9865203QYC	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVUCC	575
5962R9865203VYA	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVUCA	575
5962R9865203VYC	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVUCC	575
5962H9865204Q9A	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVE_QDIE	575
5962H9865204V9A	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVE_VDIE	575
5962H9865204QYA	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVEUCA	575
5962H9865204QYC	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVEUCC	575
5962H9865204VYA	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVEUCA	575
5962H9865204VYC	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVEUCC	575
5962R9865205Q9A	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVE_QDIE	575
5962R9865205V9A	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVE_VDIE	575
5962R9865205QYA	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVEUCA	575
5962R9865205QYC	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVEUCC	575
5962R9865205VYA	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVEUCA	575
5962R9865205VYC	J	11/02/2015	1	COBHAM		Y	UT54LVDS032LVEUCC	575
5962R9865206VYC	J	11/02/2015	2	STMICRO		Y	RH-LVDS32K	575
5962F9865207V9A	J	11/02/2015	2	STMICRO		Y	RHFLVDS32AD2V	575
5962F9865207VZA	J	11/02/2015	2	STMICRO		Y	RHFLVDS32AK02V	575
5962F9865207VZC	J	11/02/2015	2	STMICRO		Y	RHFLVDS32AK01V	575
5962F9865208V9A	J	11/02/2015	2	STMICRO		Y	RHFLVDS325D2V	575
5962F9865208VZA	J	11/02/2015	2	STMICRO		Y	RHFLVDS325K02V	575
5962F9865208VZC	J	11/02/2015	2	STMICRO		Y	RHFLVDS325K01V	575
5962-9865501QJA	B	03/20/2014	1	TI		Y	CD54HC4514F3A	280
5962-9865901HXA		06/18/2001		(NONE)	08/29/2003		AD10265 (GEN)	592

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5962-9866101QXA	F	07/24/2018	3	TI		Y	SMJ320C6701W14	432
5962-9866101VXA	F	07/24/2018	3	TI		Y	SMV320C6701GLPW14	432
5962-9866102QXA	F	07/24/2018		(NONE)			320C6701 (GEN)	432
5962-9866102VXA	F	07/24/2018	3	TI		Y	SMV320C6701GLPM14	432
5962-9866102VYC	F	07/24/2018	3	TI		Y	SMV320C6701ZMBM14	432
5962-98A0101QXC		12/05/1997		(NONE)			5353-035 (GEN)	365
5962-98A0201QXC	A	03/06/2013		(NONE)	12/31/2010		6580-046 (GEN)	365
5962-98A0202QXC	A	03/06/2013		(NONE)			20461-008 (GEN)	365
5962-98A0301QXC	A	02/25/1998		(NONE)	12/31/2010		6721-052 (GEN)	365
5962-98A0401QXC		12/29/1997		(NONE)	12/31/2010		6580-045 (GEN)	365
5962-98A0501QXC		12/22/1997		(NONE)			5352-044 (GEN)	365
5962-98A0601QXC	B	05/15/2017		(NONE)	12/31/2010		6580-028 (GEN)	365
5962-98A0602QXC	B	05/15/2017	3	ON SEMI.		Y	20461-010	365
5962-98A0701QXC	A	10/14/1998		(NONE)			6580-063 (GEN)	365
5962-98A0801QXC	A	09/29/1998		(NONE)			6565-041 (GEN)	365
5962-98A0901NXB		03/10/1998		(NONE)			6580-029 (GEN)	365
5962-98A1001QXC		03/11/1998		(NONE)			6580-530 (GEN)	365
5962-98A1101QXC	D	03/17/2017		(NONE)	12/31/2010		11155-001 (GEN)	365
5962-98A1102QXC	D	03/17/2017	1	ON SEMI.		Y	11155-003	365
5962-98A1201QXC	B	12/08/1999		(NONE)	12/31/2010		6580-057 (GEN)	365
5962-98A1202QXC	B	12/08/1999		(NONE)			20461-005 (GEN)	365
5962-98A1301QXC		06/02/1998		(NONE)			6580-031 (GEN)	365
5962-98A1401QXC	A	02/14/2011		(NONE)	12/31/2010		6580-032 (GEN)	365
5962-98A1402QXC	A	02/14/2011		(NONE)			20461-009 (GEN)	365
5962-98A1501NXB		06/02/1998		(NONE)			6580-033 (GEN)	365
5962-98A1601VXA		10/22/1998		(NONE)	03/31/2000		BXM-100 (GEN)	365
5962-98A1701VXA		10/22/1998		(NONE)	03/31/2000		BXM-300 (GEN)	365
5962-98A1702VXA		10/22/1998		(NONE)	03/31/2000		BXM-300A (GEN)	365
5962-98A1801VXA		08/27/1999		(NONE)	03/31/2000		BXM-400A (GEN)	365
5962-98A1901QXC		08/27/1998		(NONE)	12/31/2010		6580-050 (GEN)	365
5962-98A1901QYC		08/27/1998		(NONE)	12/31/2010		6580-051 (GEN)	365
5962-98A1902QXC		08/27/1998		(NONE)			20461-007 (GEN)	365
5962-98A2001QXC	A	03/01/2011		(NONE)	12/31/2010		6580-526 (GEN)	365
5962-98A2002QXC	A	03/01/2011		(NONE)			20461-003 (GEN)	365
5962-98A2101QXC	D	03/17/2017		(NONE)			6583-508 (GEN)	365
5962-98A2102QXC	D	03/17/2017		(NONE)	12/31/2010		6583-512 (GEN)	365
5962-98A2103QXC	D	03/17/2017	3	ON SEMI.		Y	20456-001	365
5962-98A2201QXC		07/30/1998		(NONE)	12/31/2010		9880-026 (GEN)	365
5962H98A2301QTC	C	11/24/2014	1	HONEYWELL (1)		Y	22021752-012	365
5962H98A2302QTC	C	11/24/2014	1	HONEYWELL (1)		Y	22021752-050	365
5962H98A2401QTC	C	11/24/2014	1	HONEYWELL (1)		Y	22021540-012	365
5962H98A2402QTC	C	11/24/2014	1	HONEYWELL (1)		Y	22021540-050	365
5962H98A2501QXC	D	09/18/2015	1	HONEYWELL (1)		Y	22021745-012	365
5962H98A2502QXC	D	09/18/2015	1	HONEYWELL (1)		Y	22021745-050	365
5962H98A2601QTC	C	09/18/2015	1	HONEYWELL (1)		Y	22022979-012	365
5962H98A2602QTC	C	09/18/2015	1	HONEYWELL (1)		Y	22022979-050	365
5962H98A2701QTC	B	09/18/2015	1	HONEYWELL (1)		Y	22021730-012	365
5962H98A2702QTC	B	09/18/2015	1	HONEYWELL (1)		Y	22021730-050	365
5962H98A2801QXC	B	09/18/2015	1	HONEYWELL (1)		Y	22021806-012	365

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5962H98A2802QXC	B	09/18/2015	1	HONEYWELL (1)		Y 22021806-050		365
5962H98A2901QXC	B	09/18/2015	1	HONEYWELL (1)		Y 22021812-012		365
5962H98A2901VXC	B	09/18/2015	1	HONEYWELL (1)		Y 22021812-008		365
5962H98A2902QXC	B	09/18/2015	1	HONEYWELL (1)		Y 22021812-050		365
5962H98A3001QXC	A	10/26/2015	1	HONEYWELL (1)		Y 22021718-012		365
5962H98A3002QXC	A	10/26/2015	1	HONEYWELL (1)		Y 22021718-050		365
5962H98A3101QXC	B	10/26/2015	1	HONEYWELL (1)		Y 22021712-012		365
5962H98A3101VXC	B	10/26/2015	1	HONEYWELL (1)		Y 22021712-008		365
5962H98A3102QXC	B	10/26/2015	1	HONEYWELL (1)		Y 22021712-050		365
5962H98A3201QTC	E	10/26/2015	1	HONEYWELL (1)		Y 22022600-012		365
5962H98A3201VTC	E	10/26/2015	1	HONEYWELL (1)		Y 22022600		365
5962H98A3201QXC	E	10/26/2015	1	HONEYWELL (1)		Y 22022256-012		365
5962H98A3201VXC	E	10/26/2015	1	HONEYWELL (1)		Y 22022256		365
5962H98A3202QTC	E	10/26/2015	1	HONEYWELL (1)		Y 22022600-050		365
5962H98A3202QXC	E	10/26/2015	1	HONEYWELL (1)		Y 22022256-050		365
5962H98A3203QTC	E	10/26/2015	1	HONEYWELL (1)		Y 22022600-112		365
5962H98A3204QTC	E	10/26/2015	1	HONEYWELL (1)		Y 22028966-012		365
5962H98A3204VTC	E	10/26/2015	1	HONEYWELL (1)		Y 22028966-008		365
5962-98A3301QXC		08/19/1998		(NONE)		6580-527 (GEN)		365
5962-9950101QPA	B	11/09/2009		(NONE)	03/30/2001	LTC1150 (GEN)		719
5962-9950201QGA	A	11/09/2009		(NONE)	03/30/2001	LT1077 (GEN)		701
5962-9950201QPA	A	11/09/2009		(NONE)	03/30/2001	LT1077 (GEN)		701
5962-9950301QPA	A	12/01/2009		(NONE)	03/30/2001	LT1101 (GEN)		754
5962R9950401V9A	K	03/25/2011	1	TI		Y LM124 MDR		713
5962L9950401VCA	K	03/25/2011		(NONE)		LM124A (GEN)		713
5962R9950401QCA	K	03/25/2011		(NONE)		LM124A (GEN)		713
5962R9950401VCA	K	03/25/2011	1	TI		Y LM124AJRQMLV		713
5962L9950401VDA	K	03/25/2011		(NONE)		LM124A (GEN)		713
5962R9950401QDA	K	03/25/2011		(NONE)		LM124A (GEN)		713
5962R9950401VDA	K	03/25/2011	1	TI		Y LM124AWRQMLV		713
5962L9950401VZA	K	03/25/2011		(NONE)		LM124A (GEN)		713
5962R9950401QZA	K	03/25/2011		(NONE)		LM124A (GEN)		713
5962R9950401VZA	K	03/25/2011	1	TI		Y LM124AWGRQMLV		713
5962R9950402V9A	K	03/25/2011	1	TI		Y LM124 MDE		713
5962R9950402VCA	K	03/25/2011	1	TI		Y LM124AJRLQMLV		713
5962R9950402VDA	K	03/25/2011	1	TI		Y LM124AWRLQMLV		713
5962R9950402VZA	K	03/25/2011	1	TI		Y LM124AWGRLQMLV		713
5962-9950403V9B	K	03/25/2011	1B	TI		Y LM124AKGD-SP		713
5962-9950403VCA	K	03/25/2011	1B	TI		Y LM124AJQMLV		713
5962-9950501QXA		04/22/1999		(NONE)	03/04/2003	54LCX16244 (GEN)		509
5962-9950601QKA		05/25/1999		(NONE)	03/04/2003	54LVX3383 (GEN)		399
5962-9950601QLA		05/25/1999		(NONE)	03/04/2003	54LVX3383 (GEN)		399
5962-9950701QKA		04/22/1999		(NONE)	03/04/2003	54LVX3384 (GEN)		399
5962-9950701QLA		04/22/1999		(NONE)	03/04/2003	54LVX3384 (GEN)		399
5962-9950801Q2A	B	08/29/2014	3	TI		Y SNJ54LVTH240FK		529
5962-9950801V2A	B	08/29/2014		(NONE)	11/28/2015	54LVTH240 (GEN)		529
5962-9950801QRA	B	08/29/2014	3	TI		Y SNJ54LVTH240J		529
5962-9950801VRA	B	08/29/2014		(NONE)	11/28/2015	54LVTH240 (GEN)		529
5962-9950801QSA	B	08/29/2014	3	TI		Y SNJ54LVTH240W		529

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5962-9950801VSA	B	08/29/2014	3	TI		Y SNV54LVTH240W		529
5962-9950901Q2A	B	08/26/2014	3	TI		Y SNJ54LVTH373FK		342
5962-9950901QRA	B	08/26/2014	3	TI		Y SNJ54LVTH373J		342
5962-9950901QSA	B	08/26/2014	3	TI		Y SNJ54LVTH373W		342
5962-9951001Q2A	B	08/26/2014		(NONE)		54LVTH374 (GEN)		159
5962-9951001QRA	B	08/26/2014	3	TI		Y SNJ54LVTH374J		159
5962-9951001QSA	B	08/26/2014	3	TI		Y SNJ54LVTH374W		159
5962F9951101V9A	E	03/23/2017	3	RENESAS		Y HS0-4423RH-Q		519
5962F9951101QXC	E	03/23/2017	3	RENESAS		Y HS9-4423RH-8		519
5962F9951101VXC	E	03/23/2017	3	RENESAS		Y HS9-4423RH-Q		519
5962R9951101TXC	E	03/23/2017		(NONE)		HS-4423 (GEN)		519
5962F9951102V9A	E	03/23/2017	3	RENESAS		Y HS0-4423BRH-Q		519
5962F9951102QXC	E	03/23/2017	3	RENESAS		Y HS9-4423BRH-8		519
5962F9951102VXC	E	03/23/2017	3	RENESAS		Y HS9-4423BRH-Q		519
5962R9951102TXC	E	03/23/2017		(NONE)	03/23/2003	HS-4423B (GEN)		519
5962F9951103V9A	E	03/23/2017	3	RENESAS		Y HS0-4423EH-Q		519
5962F9951103VXC	E	03/23/2017	3	RENESAS		Y HS9-4423EH-Q		519
5962F9951104V9A	E	03/23/2017	3	RENESAS		Y HS0-4423BEH-Q		519
5962F9951104VXC	E	03/23/2017	3	RENESAS		Y HS9-4423BEH-Q		519
5962R9951105V9A	E	03/23/2017	2	STMICRO		Y RHRPM4423D2V		519
5962R9951105VYA	E	03/23/2017	2	STMICRO		Y RHRPM4423K02V		519
5962R9951105VYC	E	03/23/2017	2	STMICRO		Y RHRPM4423K01V		519
5962R9951105VZA	E	03/23/2017	2	STMICRO		Y RHRPM4423LK02V		519
5962R9951105VZC	E	03/23/2017	2	STMICRO		Y RHRPM4423LK01V		519
5962-9951401NXB	C	11/27/2012		(NONE)	11/23/2010	XQ1701L (GEN)		669
5962-9951401QYA	C	11/27/2012		(NONE)	11/23/2010	XQ1701L (GEN)		669
5962-9951501QGA	E	08/09/2016	1	MICROSS		Y MTLM101AQH		700
5962-9951501VGA	E	08/09/2016		(NONE)		LM101A (GEN)		700
5962L9951501VGA	E	08/09/2016	2	TI		Y LM101AHLQMLV		700
5962R9951501QGA	E	08/09/2016		(NONE)		LM101A (GEN)		700
5962R9951501VGA	E	08/09/2016		(NONE)		LM101A (GEN)		700
5962-9951501VHA	E	08/09/2016		(NONE)		LM101A (GEN)		700
5962L9951501VHA	E	08/09/2016		(NONE)		LM101A (GEN)		700
5962R9951501QHA	E	08/09/2016		(NONE)		LM101A (GEN)		700
5962R9951501VHA	E	08/09/2016		(NONE)		LM101A (GEN)		700
5962-9951501QPA	E	08/09/2016	1	MICROSS		Y MTLM101AD8		700
5962-9951501VPA	E	08/09/2016		(NONE)		LM101A (GEN)		700
5962L9951501VPA	E	08/09/2016	2	TI		Y LM101AJLQMLV		700
5962R9951501QPA	E	08/09/2016		(NONE)		LM101A (GEN)		700
5962R9951501VPA	E	08/09/2016		(NONE)		LM101A (GEN)		700
5962P9951701QXA	M	03/12/2015		(NONE)		LM137 (GEN)		781
5962P9951701VXA	M	03/12/2015		(NONE)		LM137 (GEN)		781
5962-9951701VZA	M	03/12/2015		(NONE)	12/03/2008	LM137 (GEN)		781
5962P9951701QZA	M	03/12/2015		(NONE)		LM137 (GEN)		781
5962P9951701VZA	M	03/12/2015		(NONE)		LM137 (GEN)		781
5962P9951702QYA	M	03/12/2015		(NONE)		LM137 (GEN)		781
5962P9951702VYA	M	03/12/2015		(NONE)		LM137 (GEN)		781
5962R9951703V9A	M	03/12/2015	2	TI		Y LM117H MDR		780
5962R9951703QXA	M	03/12/2015		(NONE)		LM117 (GEN)		780



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5962R9951703VXA	M	03/12/2015	2	TI		Y	LM117HRQMLV	780
5962-9951703VZA	M	03/12/2015		(NONE)	12/03/2008		LM117 (GEN)	780
5962R9951703QZA	M	03/12/2015		(NONE)			LM117 (GEN)	780
5962R9951703VZA	M	03/12/2015		(NONE)			LM117 (GEN)	780
5962R9951704QYA	M	03/12/2015		(NONE)			LM117 (GEN)	780
5962R9951704VYA	M	03/12/2015	2	TI		Y	LM117KRQMLV	780
5962R9951705V9A	M	03/12/2015	2	TI		Y	LM117H MDE	780
5962R9951705VXA	M	03/12/2015	2	TI		Y	LM117HRLQMLV	780
5962R9951705VZA	M	03/12/2015		(NONE)			LM117 (GEN)	780
5962-9951706QZA	M	03/12/2015	2	TI		Y	LM117GW-QML	780
5962R9951706VZA	M	03/12/2015	2	TI		Y	LM117GWRQMLV	780
5962R9951707VZA	M	03/12/2015	2	TI		Y	LM117GWRQMLV	780
5962P9951708VXA	M	03/12/2015	2	TI		Y	LM137H1PQMLV	781
5962-9951801HUA	D	08/19/2013	1C	INTER. RECT.2		Y	AFL27012DW/CH	594
5962-9951801HUC	D	08/19/2013	1C	INTER. RECT.2		Y	AFL27012DW/CH	594
5962-9951801HXA	D	08/19/2013	1C	INTER. RECT.2		Y	AFL27012DX/CH	594
5962-9951801HXC	D	08/19/2013	1C	INTER. RECT.2		Y	AFL27012DX/CH	594
5962-9951801HYA	D	08/19/2013	1C	INTER. RECT.2		Y	AFL27012DY/CH	594
5962-9951801HYC	D	08/19/2013	1C	INTER. RECT.2		Y	AFL27012DY/CH	594
5962-9951801HZA	D	08/19/2013	1C	INTER. RECT.2		Y	AFL27012DZ/CH	594
5962-9951801HZA	D	08/19/2013	1C	INTER. RECT.2		Y	AFL27012DZ/CH	594
5962-9951901QYA	D	04/10/2014	3A	E2V		Y	CY37064P44-125YMB	380
5962-9951902QYA	D	04/10/2014	3A	E2V		Y	CY37064P44-154YMB	380
5962-9952001QYA	D	02/19/2014		(NONE)			CY37064V-100 (GEN)	380
5962-9952101QYA	D	04/10/2014	3A	E2V		Y	CY37128P84-100YMB	380
5962-9952102QYA	D	04/10/2014	3A	E2V		Y	CY37128P84-125YMB	380
5962-9952201QYA	E	06/14/2018		(NONE)			CY37128V-83 (GEN)	380
5962-9952301QZC	D	07/18/2018	3A	E2V		Y	CY37256P160-83UMB	380
5962-9952302QZC	D	07/18/2018	3A	E2V		Y	CY37256P160-125UMB	380
5962-9952401QZC	D	06/14/2018		(NONE)			CY37256V-66 (GEN)	380
5962-9952501QZC	D	02/05/2014	3A	E2V		Y	CY37512P208-83UMB	380
5962-9952502QZC	D	02/05/2014	3A	E2V		Y	CY37512P208-100UMB	380
5962-9952601QZC	B	03/12/2014		(NONE)			CY37512V-66 (GEN)	380
5962-9952701Q9A	B	06/01/2016		(NONE)	09/14/2007		A32200DX (GEN)	381
5962-9952701QXC	B	06/01/2016		(NONE)	09/14/2007		A32200DX (GEN)	381
5962-9952701QYC	B	06/01/2016		(NONE)	09/14/2007		A32200DX (GEN)	381
5962-9952702QXC	B	06/01/2016		(NONE)	09/14/2007		A32200DX-1 (GEN)	381
5962-9952702QYC	B	06/01/2016		(NONE)	09/14/2007		A32200DX-1 (GEN)	381
5962-9953101MMA	E	04/01/2016	1	MICROSS		Y	MTLT1085QM-3.3	782
5962-9953101MNA	E	04/01/2016	1	MICROSS		Y	MTLT1085QN-3.3	782
5962-9953101MTA	E	04/01/2016	1	MICROSS		Y	MTLT1085QU-3.3	782
5962-9953101MUA	E	04/01/2016	1	MICROSS		Y	MTLT1085QP-3.3	782
5962P9953101MUA	E	04/01/2016		(NONE)			OM3958 (GEN)	782
5962-9953101MXA	E	04/01/2016		(NONE)			OM3958 (GEN)	782
5962-9953201QJA	B	09/08/2014	1	SRI		Y	GEM24501QJA	305
5962-9953201QJC	B	09/08/2014	1	SRI		Y	GEM24501QJC	305
5962-9953201QKA	B	09/08/2014	1	SRI		Y	GEM24501QKA	305
5962-9953201QKC	B	09/08/2014	1	SRI		Y	GEM24501QKC	305
5962-9953201QLA	B	09/08/2014	1	SRI		Y	GEM24501QLA	305

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5962-9953201QLC	B	09/08/2014	1	SRI		Y GEM24501QLC		305
5962-9953401QXA		06/04/1999		(NONE)	03/04/2003	54LCX16373 (GEN)		342
5962-9953501QXA		06/17/1999		(NONE)	03/04/2003	54LCX16374 (GEN)		158
5962F9953601V9A	J	10/05/2016		(NONE)		HS0-2100 (GEN)		599
5962F9953601QXC	J	10/05/2016		(NONE)	01/07/2003	HS9-2100 (GEN)		599
5962F9953601VXC	J	10/05/2016		(NONE)	01/07/2003	HS9-2100 (GEN)		599
5962R9953601TXC	J	10/05/2016		(NONE)		HS9-2100 (GEN)		599
5962F9953602V9A	J	10/05/2016	2	RENESAS		Y IS0-2100ARH-Q		599
5962F9953602QXC	J	10/05/2016	2	RENESAS		Y IS9-2100ARH-8		599
5962F9953602VXC	J	10/05/2016	2	RENESAS		Y IS9-2100ARH-Q		599
5962F9953603V9A	J	10/05/2016	2	RENESAS		Y IS0-2100AEH-Q		599
5962F9953603VXC	J	10/05/2016	2	RENESAS		Y IS9-2100AEH-Q		599
5962-9953901QXC	B	04/15/2005	2	ATMEL NANTES		Y TSC21020F-20MBMQ		432
5962-9953901VXC	B	04/15/2005	2	ATMEL NANTES		Y TSC21020F-20SBSV		432
5962-9954001NXD	A	05/10/2002		(NONE)		TLC876 (GEN)		592
5962H9954101QXC	B	10/17/2013		(NONE)		2M8CRH-40 (GEN)		629
5962H9954101VXC	B	10/17/2013		(NONE)		2M8CRH-40 (GEN)		629
5962H9954102QXC	B	10/17/2013		(NONE)		2M8TRH-40 (GEN)		629
5962H9954102VXC	B	10/17/2013		(NONE)		2M8TRH-40 (GEN)		629
5962H9954103QXC	B	10/17/2013		(NONE)		2M8CRH-30 (GEN)		629
5962H9954103VXC	B	10/17/2013		(NONE)		2M8CRH-30 (GEN)		629
5962H9954104QXC	B	10/17/2013		(NONE)		2M8TRH-30 (GEN)		629
5962H9954104VXC	B	10/17/2013		(NONE)		2M8TRH-30 (GEN)		629
5962H9954105QXC	B	10/17/2013		(NONE)		2M8CRH-25 (GEN)		629
5962H9954105VXC	B	10/17/2013		(NONE)		2M8CRH-25 (GEN)		629
5962H9954106QXC	B	10/17/2013		(NONE)		2M8TRH-25 (GEN)		629
5962H9954106VXC	B	10/17/2013		(NONE)		2M8TRH-25 (GEN)		629
5962-9954401HTA	D	12/13/2016	1	CRANE		Y MOR283R3SW/883		594
5962-9954401HTC	D	12/13/2016	1	CRANE		Y MOR283R3SW/883		594
5962-9954401HUA	D	12/13/2016	1	CRANE		Y MOR283R3SV/883		594
5962-9954401HUC	D	12/13/2016	1	CRANE		Y MOR283R3SV/883		594
5962-9954401HXA	D	12/13/2016	1	CRANE		Y MOR283R3S/883		594
5962-9954401HXC	D	12/13/2016	1	CRANE		Y MOR283R3S/883		594
5962-9954401HYA	D	12/13/2016	1	CRANE		Y MOR283R3SY/883		594
5962-9954401HYC	D	12/13/2016	1	CRANE		Y MOR283R3SY/883		594
5962-9954401HZA	D	12/13/2016	1	CRANE		Y MOR283R3SZ/883		594
5962-9954401HZC	D	12/13/2016	1	CRANE		Y MOR283R3SZ/883		594
5962-9954501HTA	D	03/14/2017	1	CRANE		Y MOR286R3SW/883		594
5962-9954501HTC	D	03/14/2017	1	CRANE		Y MOR286R3SW/883		594
5962-9954501HUA	D	03/14/2017	1	CRANE		Y MOR286R3SV/883		594
5962-9954501HUC	D	03/14/2017	1	CRANE		Y MOR286R3SV/883		594
5962-9954501HXA	D	03/14/2017	1	CRANE		Y MOR286R3S/883		594
5962-9954501HXC	D	03/14/2017	1	CRANE		Y MOR286R3S/883		594
5962-9954501HYA	D	03/14/2017	1	CRANE		Y MOR286R3SY/883		594
5962-9954501HYC	D	03/14/2017	1	CRANE		Y MOR286R3SY/883		594
5962-9954501HZA	D	03/14/2017	1	CRANE		Y MOR286R3SZ/883		594
5962-9954501HZC	D	03/14/2017	1	CRANE		Y MOR286R3SZ/883		594
5962-9954601HTA	D	03/14/2017	1	CRANE		Y MOR289R5SW/883		594
5962-9954601HTC	D	03/14/2017	1	CRANE		Y MOR289R5SW/883		594

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## SECTION 1, MICROCIRCUITS

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Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-9954601HUA	D	03/14/2017	1	CRANE		Y MOR289R5SV/883		594
5962-9954601HUC	D	03/14/2017	1	CRANE		Y MOR289R5SV/883		594
5962-9954601HXA	D	03/14/2017	1	CRANE		Y MOR289R5S/883		594
5962-9954601HXC	D	03/14/2017	1	CRANE		Y MOR289R5S/883		594
5962-9954601HYA	D	03/14/2017	1	CRANE		Y MOR289R5SY/883		594
5962-9954601HYC	D	03/14/2017	1	CRANE		Y MOR289R5SY/883		594
5962-9954601HZA	D	03/14/2017	1	CRANE		Y MOR289R5SZ/883		594
5962-9954601HZC	D	03/14/2017	1	CRANE		Y MOR289R5SZ/883		594
5962F9954701V9A	N	05/02/2018	1	RENESAS		Y HS0-117RH-Q		780
5962F9954701QUC	N	05/02/2018	1	RENESAS		Y HS2-117RH-8		780
5962F9954701VUC	N	05/02/2018	1	RENESAS		Y HS2-117RH-Q		780
5962F9954701QXC	N	05/02/2018	1	RENESAS		Y HS9S-117RH-8		780
5962F9954701VXC	N	05/02/2018	1	RENESAS		Y HS9S-117RH-Q		780
5962R9954701TXC	N	05/02/2018		(NONE)	03/23/2003	HS-117 (GEN)		780
5962F9954701QYC	N	05/02/2018	1	RENESAS		Y HSYE-117RH-8		780
5962F9954701VYC	N	05/02/2018	1	RENESAS		Y HSYE-117RH-Q		780
5962R9954701TYC	N	05/02/2018		(NONE)		HS-117 (GEN)		780
5962F9954702V9A	N	05/02/2018	1	RENESAS		Y HS0-117EH-Q		780
5962F9954702VUC	N	05/02/2018	1	RENESAS		Y HS2-117EH-Q		780
5962F9954702VXC	N	05/02/2018	1	RENESAS		Y HS9S-117EH-Q		780
5962F9954702VYC	N	05/02/2018	1	RENESAS		Y HSYE-117EH-Q		780
5962-9954703QYC	N	05/02/2018	1	RENESAS		Y HSYE-117-8		780
5962-9954801HTA	E	05/02/2017	1	CRANE		Y MOR2805SW/883		594
5962-9954801HTC	E	05/02/2017	1	CRANE		Y MOR2805SW/883		594
5962-9954801HUA	E	05/02/2017	1	CRANE		Y MOR2805SV/883		594
5962-9954801HUC	E	05/02/2017	1	CRANE		Y MOR2805SV/883		594
5962-9954801HXA	E	05/02/2017	1	CRANE		Y MOR2805S/883		594
5962-9954801HXC	E	05/02/2017	1	CRANE		Y MOR2805S/883		594
5962-9954801HYA	E	05/02/2017	1	CRANE		Y MOR2805SY/883		594
5962-9954801HYC	E	05/02/2017	1	CRANE		Y MOR2805SY/883		594
5962-9954801HZA	E	05/02/2017	1	CRANE		Y MOR2805SZ/883		594
5962-9954801HZC	E	05/02/2017	1	CRANE		Y MOR2805SZ/883		594
5962-9954901HTA	D	05/02/2017	1	CRANE		Y MOR2812SW/883		594
5962-9954901HTC	D	05/02/2017	1	CRANE		Y MOR2812SW/883		594
5962-9954901HUA	D	05/02/2017	1	CRANE		Y MOR2812SV/883		594
5962-9954901HUC	D	05/02/2017	1	CRANE		Y MOR2812SV/883		594
5962-9954901HXA	D	05/02/2017	1	CRANE		Y MOR2812S/883		594
5962-9954901HXC	D	05/02/2017	1	CRANE		Y MOR2812S/883		594
5962-9954901HYA	D	05/02/2017	1	CRANE		Y MOR2812SY/883		594
5962-9954901HYC	D	05/02/2017	1	CRANE		Y MOR2812SY/883		594
5962-9954901HZA	D	05/02/2017	1	CRANE		Y MOR2812SZ/883		594
5962-9954901HZC	D	05/02/2017	1	CRANE		Y MOR2812SZ/883		594
5962-9955001HTA	D	05/03/2017	1	CRANE		Y MOR2815SW/883		594
5962-9955001HTC	D	05/03/2017	1	CRANE		Y MOR2815SW/883		594
5962-9955001HUA	D	05/03/2017	1	CRANE		Y MOR2815SV/883		594
5962-9955001HUC	D	05/03/2017	1	CRANE		Y MOR2815SV/883		594
5962-9955001HXA	D	05/03/2017	1	CRANE		Y MOR2815S/883		594
5962-9955001HXC	D	05/03/2017	1	CRANE		Y MOR2815S/883		594
5962-9955001HYA	D	05/03/2017	1	CRANE		Y MOR2815SY/883		594

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5962-9955001HYC	D	05/03/2017	1	CRANE		Y MOR2815SY/883		594
5962-9955001HZA	D	05/03/2017	1	CRANE		Y MOR2815SZ/883		594
5962-9955001HZC	D	05/03/2017	1	CRANE		Y MOR2815SZ/883		594
5962R9955101QXA	B	06/20/2007		(NONE)		LM140 (GEN)		782
5962R9955101VXA	B	06/20/2007		(NONE)		LM140 (GEN)		782
5962R9955101QYA	B	06/20/2007		(NONE)		LM140 (GEN)		782
5962R9955101VYA	B	06/20/2007		(NONE)		LM140 (GEN)		782
5962-9955201HUA	C	08/19/2013	1C	INTER. RECT.2		Y AFL2803.3SW/CH		594
5962-9955201HUC	C	08/19/2013	1C	INTER. RECT.2		Y AFL2803.3SW/CH		594
5962-9955201HXA	C	08/19/2013	1C	INTER. RECT.2		Y AFL2803.3SX/CH		594
5962-9955201HXC	C	08/19/2013	1C	INTER. RECT.2		Y AFL2803.3SX/CH		594
5962-9955201HYA	C	08/19/2013	1C	INTER. RECT.2		Y AFL2803.3SY/CH		594
5962-9955201HYC	C	08/19/2013	1C	INTER. RECT.2		Y AFL2803.3SY/CH		594
5962-9955201HZA	C	08/19/2013	1C	INTER. RECT.2		Y AFL2803.3SZ/CH		594
5962-9955201HZC	C	08/19/2013	1C	INTER. RECT.2		Y AFL2803.3SZ/CH		594
5962-9955301HUA	C	08/19/2013	1C	INTER. RECT.2		Y AFL27003.3SW/CH		594
5962-9955301HUC	C	08/19/2013	1C	INTER. RECT.2		Y AFL27003.3SW/CH		594
5962-9955301HXA	C	08/19/2013	1C	INTER. RECT.2		Y AFL27003.3SX/CH		594
5962-9955301HXC	C	08/19/2013	1C	INTER. RECT.2		Y AFL27003.3SX/CH		594
5962-9955301HYA	C	08/19/2013	1C	INTER. RECT.2		Y AFL27003.3SY/CH		594
5962-9955301HYC	C	08/19/2013	1C	INTER. RECT.2		Y AFL27003.3SY/CH		594
5962-9955301HZA	C	08/19/2013	1C	INTER. RECT.2		Y AFL27003.3SZ/CH		594
5962-9955301HZC	C	08/19/2013	1C	INTER. RECT.2		Y AFL27003.3SZ/CH		594
5962-9955401QCA	A	03/16/2009		(NONE)	03/30/2001	LT1024A (GEN)		710
5962-9955501QCA	A	04/27/2009		(NONE)	03/30/2001	LT1127A (GEN)		713
5962-9955601HXA	D	04/25/2017		(NONE)		SLH2812D (GEN)		594
5962L9955601HXA	D	04/25/2017		(NONE)		SLH2812D (GEN)		594
5962L9955601KXA	D	04/25/2017		(NONE)		SLH2812D (GEN)		594
5962R9955601HXA	D	04/25/2017		(NONE)		SLH2812D (GEN)		594
5962R9955601KXA	D	04/25/2017		(NONE)		SLH2812D (GEN)		594
5962L9955602HXA	D	04/25/2017	3B	CRANE		Y SLH2812D/HL		594
5962L9955602HXC	D	04/25/2017	3B	CRANE		Y SLH2812D/HL		594
5962L9955602KXA	D	04/25/2017	3B	CRANE		Y SLH2812D/KL		594
5962L9955602KXC	D	04/25/2017	3B	CRANE		Y SLH2812D/KL		594
5962R9955602HXA	D	04/25/2017	3B	CRANE		Y SLH2812D/HR		594
5962R9955602HXC	D	04/25/2017	3B	CRANE		Y SLH2812D/HR		594
5962R9955602KXA	D	04/25/2017	3B	CRANE		Y SLH2812D/KR		594
5962R9955602KXC	D	04/25/2017	3B	CRANE		Y SLH2812D/KR		594
5962-9955701Q2A	C	05/18/2015	2	TI		Y TLV5618AMFKB		591
5962-9955701QPA	C	05/18/2015	2	TI		Y TLV5618AMJGB		591
5962-9955702Q2A	C	05/18/2015	2	TI		Y TLC5618AMFKB		591
5962-9955702QPA	C	05/18/2015	2	TI		Y TLC5618AMJGB		591
5962F9955801Q2C	J	07/08/2016		(NONE)		HS4-1825A (GEN)		787
5962F9955801V2C	J	07/08/2016		(NONE)		HS4-1825A (GEN)		787
5962F9955801V9A	J	07/08/2016	2	RENESAS		Y HS0-1825ARH-Q		787
5962F9955801QEC	J	07/08/2016	2	RENESAS		Y HS1-1825ARH-8		787
5962F9955801VEC	J	07/08/2016	2	RENESAS		Y HS1-1825ARH-Q		787
5962F9955801QXC	J	07/08/2016	2	RENESAS		Y HS9-1825ARH-8		787
5962F9955801VXC	J	07/08/2016	2	RENESAS		Y HS9-1825ARH-Q		787

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5962R9955801TXC	J	07/08/2016		(NONE)	03/23/2003		HS-1825A (GEN)	787
5962F9955802V9A	J	07/08/2016	2	RENESAS		Y	HS0-1825AEH-Q	787
5962F9955802VEC	J	07/08/2016	2	RENESAS		Y	HS1-1825AEH-Q	787
5962F9955802VXC	J	07/08/2016	2	RENESAS		Y	HS9-1825AEH-Q	787
5962F9956001V9A	G	02/17/2017	3A	RENESAS		Y	HS0-4424RH-Q	519
5962F9956001QXC	G	02/17/2017	3A	RENESAS		Y	HS9-4424RH-8	519
5962F9956001VXC	G	02/17/2017	3A	RENESAS		Y	HS9-4424RH-Q	519
5962R9956001TXC	G	02/17/2017	3A	RENESAS		Y	HS9-4424RH-T	519
5962F9956002V9A	G	02/17/2017	3A	RENESAS		Y	HS0-4424BRH-Q	519
5962F9956002QXC	G	02/17/2017	3A	RENESAS		Y	HS9-4424BRH-8	519
5962F9956002VXC	G	02/17/2017	3A	RENESAS		Y	HS9-4424BRH-Q	519
5962R9956002TXC	G	02/17/2017	3A	RENESAS		Y	HS9-4424BRH-T	519
5962F9956003V9A	G	02/17/2017	3A	RENESAS		Y	HS0-4424EH-Q	519
5962F9956003VXC	G	02/17/2017	3A	RENESAS		Y	HS9-4424EH-Q	519
5962F9956004V9A	G	02/17/2017	3A	RENESAS		Y	HS0-4424BEH-Q	519
5962F9956004VXC	G	02/17/2017	3A	RENESAS		Y	HS9-4424BEH-Q	519
5962F9956005V9A	G	02/17/2017	3A	RENESAS		Y	HS0-4424DRH-Q	519
5962F9956005VXC	G	02/17/2017	3A	RENESAS		Y	HS9-4424DRH-Q	519
5962F9956006V9A	G	02/17/2017	3A	RENESAS		Y	HS0-4424DEH-Q	519
5962F9956006VXC	G	02/17/2017	3A	RENESAS		Y	HS9-4424DEH-Q	519
5962R9956007V9A	G	02/17/2017	2	STMICRO		Y	RHRPM4424D2V	519
5962R9956007VYA	G	02/17/2017	2	STMICRO		Y	RHRPM4424K02V	519
5962R9956007VYC	G	02/17/2017	2	STMICRO		Y	RHRPM4424K01V	519
5962R9956007VZA	G	02/17/2017	2	STMICRO		Y	RHRPM4424LK02V	519
5962R9956007VZC	G	02/17/2017	2	STMICRO		Y	RHRPM4424LK01V	519
5962-9956101HTA	C	11/13/2017	1	CRANE		Y	MOR2805DW/883	594
5962-9956101HTC	C	11/13/2017	1	CRANE		Y	MOR2805DW/883	594
5962-9956101HUA	C	11/13/2017	1	CRANE		Y	MOR2805DV/883	594
5962-9956101HUC	C	11/13/2017	1	CRANE		Y	MOR2805DV/883	594
5962-9956101HXA	C	11/13/2017	1	CRANE		Y	MOR2805D/883	594
5962-9956101HXC	C	11/13/2017	1	CRANE		Y	MOR2805D/883	594
5962-9956101HYA	C	11/13/2017	1	CRANE		Y	MOR2805DY/883	594
5962-9956101HYC	C	11/13/2017	1	CRANE		Y	MOR2805DY/883	594
5962-9956101HZA	C	11/13/2017	1	CRANE		Y	MOR2805DZ/883	594
5962-9956101HZC	C	11/13/2017	1	CRANE		Y	MOR2805DZ/883	594
5962-9956201HTA	D	12/14/2016	1	CRANE		Y	MOR2812DW/883	594
5962-9956201HTC	D	12/14/2016	1	CRANE		Y	MOR2812DW/883	594
5962-9956201HUA	D	12/14/2016	1	CRANE		Y	MOR2812DV/883	594
5962-9956201HUC	D	12/14/2016	1	CRANE		Y	MOR2812DV/883	594
5962-9956201HXA	D	12/14/2016	1	CRANE		Y	MOR2812D/883	594
5962-9956201HXC	D	12/14/2016	1	CRANE		Y	MOR2812D/883	594
5962-9956201HYA	D	12/14/2016	1	CRANE		Y	MOR2812DY/883	594
5962-9956201HYC	D	12/14/2016	1	CRANE		Y	MOR2812DY/883	594
5962-9956201HZA	D	12/14/2016	1	CRANE		Y	MOR2812DZ/883	594
5962-9956201HZC	D	12/14/2016	1	CRANE		Y	MOR2812DZ/883	594
5962-9956301HTA	D	11/13/2017	1	CRANE		Y	MOR2815DW/883	594
5962-9956301HTC	D	11/13/2017	1	CRANE		Y	MOR2815DW/883	594
5962-9956301HUA	D	11/13/2017	1	CRANE		Y	MOR2815DV/883	594
5962-9956301HUC	D	11/13/2017	1	CRANE		Y	MOR2815DV/883	594



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5962-9956301HXA	D	11/13/2017	1	CRANE		Y MOR2815D/883		594
5962-9956301HXC	D	11/13/2017	1	CRANE		Y MOR2815D/883		594
5962-9956301HYA	D	11/13/2017	1	CRANE		Y MOR2815DY/883		594
5962-9956301HYC	D	11/13/2017	1	CRANE		Y MOR2815DY/883		594
5962-9956301HZA	D	11/13/2017	1	CRANE		Y MOR2815DZ/883		594
5962-9956301HZC	D	11/13/2017	1	CRANE		Y MOR2815DZ/883		594
5962-9956401HTA	C	02/13/2018	1	CRANE		Y MOR283R3DW/883		594
5962-9956401HTC	C	02/13/2018	1	CRANE		Y MOR283R3DW/883		594
5962-9956401HUA	C	02/13/2018	1	CRANE		Y MOR283R3DV/883		594
5962-9956401HUC	C	02/13/2018	1	CRANE		Y MOR283R3DV/883		594
5962-9956401HXA	C	02/13/2018	1	CRANE		Y MOR283R3D/883		594
5962-9956401HXC	C	02/13/2018	1	CRANE		Y MOR283R3D/883		594
5962-9956401HYA	C	02/13/2018	1	CRANE		Y MOR283R3DY/883		594
5962-9956401HYC	C	02/13/2018	1	CRANE		Y MOR283R3DY/883		594
5962-9956401HZA	C	02/13/2018	1	CRANE		Y MOR283R3DZ/883		594
5962-9956401HZC	C	02/13/2018	1	CRANE		Y MOR283R3DZ/883		594
5962-9956501HTA	D	12/14/2016	1	CRANE		Y MOR286R3DW/883		594
5962-9956501HTC	D	12/14/2016	1	CRANE		Y MOR286R3DW/883		594
5962-9956501HUA	D	12/14/2016	1	CRANE		Y MOR286R3DV/883		594
5962-9956501HUC	D	12/14/2016	1	CRANE		Y MOR286R3DV/883		594
5962-9956501HXA	D	12/14/2016	1	CRANE		Y MOR286R3D/883		594
5962-9956501HXC	D	12/14/2016	1	CRANE		Y MOR286R3D/883		594
5962-9956501HYA	D	12/14/2016	1	CRANE		Y MOR286R3DY/883		594
5962-9956501HYC	D	12/14/2016	1	CRANE		Y MOR286R3DY/883		594
5962-9956501HZA	D	12/14/2016	1	CRANE		Y MOR286R3DZ/883		594
5962-9956501HZC	D	12/14/2016	1	CRANE		Y MOR286R3DZ/883		594
5962-9956601HTA	D	12/04/2017	1	CRANE		Y MOR289R5DW/883		594
5962-9956601HTC	D	12/04/2017	1	CRANE		Y MOR289R5DW/883		594
5962-9956601HUA	D	12/04/2017	1	CRANE		Y MOR289R5DV/883		594
5962-9956601HUC	D	12/04/2017	1	CRANE		Y MOR289R5DV/883		594
5962-9956601HXA	D	12/04/2017	1	CRANE		Y MOR289R5D/883		594
5962-9956601HXC	D	12/04/2017	1	CRANE		Y MOR289R5D/883		594
5962-9956601HYA	D	12/04/2017	1	CRANE		Y MOR289R5DY/883		594
5962-9956601HYC	D	12/04/2017	1	CRANE		Y MOR289R5DY/883		594
5962-9956601HZA	D	12/04/2017	1	CRANE		Y MOR289R5DZ/883		594
5962-9956601HZC	D	12/04/2017	1	CRANE		Y MOR289R5DZ/883		594
5962-9956901Q9A	D	07/15/2016		(NONE)		54SX16 (GEN)		381
5962-9956901QXC	D	07/15/2016		(NONE)	06/30/2004	54SX16 (GEN)		381
5962-9956901QYC	D	07/15/2016		(NONE)	06/30/2004	54SX16 (GEN)		381
5962-9956902QXC	D	07/15/2016		(NONE)	06/30/2004	54SX16-1 (GEN)		381
5962-9956902QYC	D	07/15/2016		(NONE)	06/30/2004	54SX16-1 (GEN)		381
5962-9956903Q9B	D	07/15/2016		(NONE)		54SX16 (GEN)		381
5962-9956903QXC	D	07/15/2016		(NONE)	04/04/2018	54SX16 (GEN)		381
5962-9956903QYC	D	07/15/2016		(NONE)	04/04/2018	54SX16 (GEN)		381
5962-9956904QXC	D	07/15/2016		(NONE)	04/04/2018	54SX16-1 (GEN)		381
5962-9956904QYC	D	07/15/2016		(NONE)	04/04/2018	54SX16-1 (GEN)		381
5962-9957001Q2A	C	02/19/2015	2	TI		Y TLV2548MFKB		592
5962-9957001QRA	C	02/19/2015		(NONE)		TLV2548 (GEN)		592
5962-9957201NNA	C	09/19/2014	1	XILINX		Y XQV300-4BG352N		380

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5962-9957201NTB	C	09/19/2014	1	XILINX		Y XQV300-4CPQ240		380
5962R9957201NTB	C	09/19/2014	1	XILINX		Y XQVR300-4CPQ240		380
5962-9957201NUA	C	09/19/2014		(NONE)	04/25/2017	XQV300-4 (GEN)		380
5962R9957201NUA	C	09/19/2014	1	XILINX		Y XQVR300-4CBG432		380
5962-9957201QYC	C	09/19/2014	1	XILINX		Y XQV300-4CB228		380
5962R9957201QYC	C	09/19/2014	1	XILINX		Y XQVR300-4CB228		380
5962-9957201QZC	C	09/19/2014	1	XILINX		Y XQV300-4CB228		380
5962R9957201QZC	C	09/19/2014	1	XILINX		Y XQVR300-4CB228		380
5962-9957301NTB	C	09/24/2014		(NONE)	04/27/2011	XQV600-4 (GEN)		380
5962R9957301NTB	C	09/24/2014	1	XILINX		Y XQVR600-4HQ240		380
5962-9957301NUA	C	09/24/2014		(NONE)	04/25/2017	XQV600-4 (GEN)		380
5962R9957301NUA	C	09/24/2014	1	XILINX		Y XQVR600-4BG432		380
5962-9957301QYC	C	09/24/2014	1	XILINX		Y XQV600-4CB228		380
5962R9957301QYC	C	09/24/2014	1	XILINX		Y XQVR600-4CB228		380
5962-9957301QZC	C	09/24/2014	1	XILINX		Y XQV600-4CB228		380
5962R9957301QZC	C	09/24/2014	1	XILINX		Y XQVR600-4CB228		380
5962-9957401NUA	C	10/23/2014	1	XILINX		Y XQV1000-4BG560		380
5962R9957401NUA	C	10/23/2014	1	XILINX		Y XQVR1000-4BG560		380
5962-9957401QXA	C	10/23/2014		(NONE)		XQV1000-4 (GEN)		380
5962R9957401QXA	C	10/23/2014		(NONE)	05/14/2008	XQVR1000-4 (GEN)		380
5962-9957501NTB	C	10/24/2014		(NONE)	12/31/2012	4085-1 (GEN)		380
5962-9957501NUA	C	10/24/2014		(NONE)	12/31/2012	4085-1 (GEN)		380
5962-9957501QYC	C	10/24/2014		(NONE)	12/31/2012	4085-1 (GEN)		380
5962-9957501QZC	C	10/24/2014		(NONE)	12/31/2012	4085-1 (GEN)		380
5962-9957601Q2A	D	12/03/2015	3	TI		Y TLV5638MFKB		591
5962-9957601QPA	D	12/03/2015	3	TI		Y TLV5638MJGB		591
5962-9957701NXD	C	11/06/2014	2	TI		Y THS1206MDA		592
5962-9958101QXC	B	03/30/2015	1	TI		Y AR629AU9/883		599
5962-9958201QXC	A	07/11/2002		(NONE)	10/05/2004	HI-774T (GEN)		592
5962-9958301Q2A	C	05/22/2014		(NONE)	11/28/2015	TL5001M (GEN)		787
5962-9958301QPA	C	05/22/2014	1	TI		Y TL5001MJGB		787
5962-9958302Q2A	C	05/22/2014	1	TI		Y TL5001AMFKB		787
5962-9958302QPA	C	05/22/2014	1	TI		Y TL5001AMJGB		787
5962-9958401Q2A	B	03/06/2012		(NONE)	07/15/2005	TL1451A (GEN)		787
5962-9958401QEA	B	03/06/2012		(NONE)	07/15/2005	TL1451A (GEN)		787
5962-9958501Q9A	C	03/16/2017	1	MICROSEMI (2)		Y A42MX36-DIE		381
5962-9958501QXC	C	03/16/2017	1	MICROSEMI (2)		Y A42MX36-CQ256B		381
5962-9958501QYC	C	03/16/2017	1	MICROSEMI (2)		Y A42MX36-CQ208B		381
5962-9958502QXC	C	03/16/2017	1	MICROSEMI (2)		Y A42MX36-1CQ256B		381
5962-9958502QYC	C	03/16/2017	1	MICROSEMI (2)		Y A42MX36-1CQ208B		381
5962-9958601Q9A	D	07/15/2016		(NONE)		54SX32 (GEN)		381
5962-9958601QXC	D	07/15/2016		(NONE)	04/04/2018	54SX32 (GEN)		381
5962-9958601QYC	D	07/15/2016	1	MICROSEMI (2)		Y A54SX32-CQ208B		381
5962-9958602QXC	D	07/15/2016		(NONE)	04/04/2018	54SX32-1 (GEN)		381
5962-9958602QYC	D	07/15/2016	1	MICROSEMI (2)		Y A54SX32-1CQ208B		381
5962-9958603QXC	D	07/15/2016		(NONE)		RT54SX32 (GEN)		381
5962-9958603QYC	D	07/15/2016		(NONE)		RT54SX32 (GEN)		381
5962-9958604QXC	D	07/15/2016		(NONE)		RT54SX32 (GEN)		381
5962-9958604QYC	D	07/15/2016		(NONE)		RT54SX32 (GEN)		381

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5962-9958901QXC	C	11/28/2001		(NONE)	08/01/2004		MPT57571 (GEN)	599
5962-9959001QXC	A	02/06/2001		(NONE)	08/01/2004		MPT57604 (GEN)	599
5962-9959101Q2A	B	05/28/2014	2	TI		Y	TPS3307-18	449
5962-9959101QPA	B	05/28/2014	2	TI		Y	TPS3307-18	449
5962-9959301Q2A	D	01/24/2018	1	TI		Y	THS4011MFKB	702
5962-9959301QPA	D	01/24/2018	1	TI		Y	THS4011MJGB	702
5962-9959501Q2A	C	02/18/2016	1	TI		Y	THS4031MFKB	702
5962-9959501QPA	C	02/18/2016	1	TI		Y	THS4031MJGB	702
5962-9959901Q2A	C	03/07/2016	1	TI		Y	THS4051MFKB	702
5962-9959901QPA	C	03/07/2016	1	TI		Y	THS4051MJGB	702
5962-9960101Q2A	C	04/07/2016	1	TI		Y	THS4061MFKB	702
5962-9960101QPA	C	04/07/2016	1	TI		Y	THS4061MJGB	702
5962D9960601QUA	H	05/02/2016	2	COBHAM		Y	UT7Q512-UCA	629
5962D9960601QUC	H	05/02/2016	2	COBHAM		Y	UT7Q512-UCC	629
5962D9960601TUA	H	05/02/2016	2	COBHAM		Y	UT7Q512-UCA	629
5962D9960601TUC	H	05/02/2016	2	COBHAM		Y	UT7Q512-UCC	629
5962D9960601QXA	H	05/02/2016		(NONE)			7Q512 (GEN)	629
5962D9960601TXA	H	05/02/2016		(NONE)			7Q512 (GEN)	629
5962D9960602QUA	H	05/02/2016	2	COBHAM		Y	UT7Q512-UCA	629
5962D9960602QUC	H	05/02/2016	2	COBHAM		Y	UT7Q512-UCC	629
5962D9960602TUA	H	05/02/2016	2	COBHAM		Y	UT7Q512-UCA	629
5962D9960602TUC	H	05/02/2016	2	COBHAM		Y	UT7Q512-UCC	629
5962D9960602QXA	H	05/02/2016		(NONE)			7Q512 (GEN)	629
5962D9960602TXA	H	05/02/2016		(NONE)			7Q512 (GEN)	629
5962D9960701T9A	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960701Q9A	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960701T9A	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962D9960701QUA	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962D9960701TUA	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960701QUA	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960701TUA	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962D9960701QXA	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962D9960701TXA	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960701QXA	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960701TXA	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960702Q9A	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960702T9A	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960702QUA	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960702TUA	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960702QXA	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960702TXA	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960703Q9A	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960703T9A	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960703QUA	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960703TUA	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960703QXA	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960703TXA	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960704Q9A	L	08/01/2017		(NONE)			8Q512 (GEN)	629
5962L9960704T9A	L	08/01/2017		(NONE)			8Q512 (GEN)	629

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5962L9960704QUA	L	08/01/2017		(NONE)		8Q512 (GEN)		629
5962L9960704TUA	L	08/01/2017		(NONE)		8Q512 (GEN)		629
5962L9960704QXA	L	08/01/2017		(NONE)		8Q512 (GEN)		629
5962L9960704TXA	L	08/01/2017		(NONE)		8Q512 (GEN)		629
5962L9960705Q9B	L	08/01/2017	1C	COBHAM		Y UT8Q512E_QDIE		629
5962L9960705V9B	L	08/01/2017	1C	COBHAM		Y UT8Q512E_VDIE		629
5962L9960705QYA	L	08/01/2017	1C	COBHAM		Y UT8Q512E-YCA		629
5962L9960705QYC	L	08/01/2017	1C	COBHAM		Y UT8Q512E-YCC		629
5962L9960705VYA	L	08/01/2017	1C	COBHAM		Y UT8Q512E-VCA		629
5962L9960705VYC	L	08/01/2017	1C	COBHAM		Y UT8Q512E-VCC		629
5962L9960706Q9B	L	08/01/2017	1C	COBHAM		Y UT8Q512E_QDIE		629
5962L9960706V9B	L	08/01/2017	1C	COBHAM		Y UT8Q512E_VDIE		629
5962L9960706QYA	L	08/01/2017	1C	COBHAM		Y UT8Q512E-YWA		629
5962L9960706QYC	L	08/01/2017	1C	COBHAM		Y UT8Q512E-YWC		629
5962L9960706VYA	L	08/01/2017	1C	COBHAM		Y UT8Q512E-VWA		629
5962L9960706VYC	L	08/01/2017	1C	COBHAM		Y UT8Q512E-VWC		629
5962-9960801HUA	C	01/23/2013	1C	INTER. RECT.2		Y AFL12005SW/CH		594
5962-9960801HUC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12005SW/CH		594
5962-9960801HXA	C	01/23/2013	1C	INTER. RECT.2		Y AFL12005SX/CH		594
5962-9960801HXC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12005SX/CH		594
5962-9960801HYA	C	01/23/2013	1C	INTER. RECT.2		Y AFL12005SY/CH		594
5962-9960801HYC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12005SY/CH		594
5962-9960801HZA	C	01/23/2013	1C	INTER. RECT.2		Y AFL12005SZ/CH		594
5962-9960801HZC	C	01/23/2013	1C	INTER. RECT.2		Y AFL12005SZ/CH		594
5962-9960901HUA	C	08/19/2013	1C	INTER. RECT.2		Y AFL12012DW/CH		594
5962-9960901HUC	C	08/19/2013	1C	INTER. RECT.2		Y AFL12012DW/CH		594
5962-9960901HXA	C	08/19/2013	1C	INTER. RECT.2		Y AFL12012DX/CH		594
5962-9960901HXC	C	08/19/2013	1C	INTER. RECT.2		Y AFL12012DX/CH		594
5962-9960901HYA	C	08/19/2013	1C	INTER. RECT.2		Y AFL12012DY/CH		594
5962-9960901HYC	C	08/19/2013	1C	INTER. RECT.2		Y AFL12012DY/CH		594
5962-9960901HZA	C	08/19/2013	1C	INTER. RECT.2		Y AFL12012DZ/CH		594
5962-9960901HZC	C	08/19/2013	1C	INTER. RECT.2		Y AFL12012DZ/CH		594
5962-9961001HXA	D	07/21/2016		(NONE)		AD10200T (GEN)		592
5962-9961002HXA	D	07/21/2016		(NONE)	07/13/2018	AD10200B (GEN)		592
5962-9961003HXA	D	07/21/2016	1	ANALOG (6)		Y AD10200TZ/QMLH		592
5962-9961201HNA	C	01/16/2018	1	SOLITRON		Y SDP117NHD		780
5962-9961201HNC	C	01/16/2018	1	SOLITRON		Y SDP117NHG		780
5962-9961201HTA	C	01/16/2018	1	SOLITRON		Y SDP117THD		780
5962-9961201HTC	C	01/16/2018	1	SOLITRON		Y SDP117THG		780
5962-9961201HUA	C	01/16/2018	1	SOLITRON		Y SDP117UHD		780
5962-9961201HUC	C	01/16/2018	1	SOLITRON		Y SDP117UHG		780
5962-9961201HZA	C	01/16/2018	1	SOLITRON		Y SDP117ZHD		780
5962-9961201HZC	C	01/16/2018	1	SOLITRON		Y SDP117ZHG		780
5962-9961202HNA	C	01/16/2018	1	SOLITRON		Y SDP117HVNHD		780
5962-9961202HNC	C	01/16/2018	1	SOLITRON		Y SDP117HVNHG		780
5962-9961202HTA	C	01/16/2018	1	SOLITRON		Y SDP117HVTHD		780
5962-9961202HTC	C	01/16/2018	1	SOLITRON		Y SDP117HVTHG		780
5962-9961202HUA	C	01/16/2018	1	SOLITRON		Y SDP117HVUHD		780
5962-9961202HUC	C	01/16/2018	1	SOLITRON		Y SDP117HVUHG		780

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5962-9961202HZA	C	01/16/2018	1	SOLITRON		Y SDP117HVZHD		780
5962-9961202HZA	C	01/16/2018	1	SOLITRON		Y SDP117HVZHG		780
5962-9961203HNA	C	01/16/2018	1	SOLITRON		Y SDP137NHD		781
5962-9961203HNC	C	01/16/2018	1	SOLITRON		Y SDP137NHG		781
5962-9961203HTA	C	01/16/2018	1	SOLITRON		Y SDP137THD		781
5962-9961203HTC	C	01/16/2018	1	SOLITRON		Y SDP137THG		781
5962-9961203HUA	C	01/16/2018	1	SOLITRON		Y SDP137UHD		781
5962-9961203HUC	C	01/16/2018	1	SOLITRON		Y SDP137UHG		781
5962-9961203HZA	C	01/16/2018	1	SOLITRON		Y SDP137ZHD		781
5962-9961203HZA	C	01/16/2018	1	SOLITRON		Y SDP137ZHG		781
5962-9961204HNA	C	01/16/2018	1	SOLITRON		Y SDP137HVNHD		781
5962-9961204HNC	C	01/16/2018	1	SOLITRON		Y SDP137HVNHG		781
5962-9961204HTA	C	01/16/2018	1	SOLITRON		Y SDP137HVTHD		781
5962-9961204HTC	C	01/16/2018	1	SOLITRON		Y SDP137HVTHG		781
5962-9961204HUA	C	01/16/2018	1	SOLITRON		Y SDP137HVUHD		781
5962-9961204HUC	C	01/16/2018	1	SOLITRON		Y SDP137HVUHG		781
5962-9961204HZA	C	01/16/2018	1	SOLITRON		Y SDP137HVZHD		781
5962-9961204HZA	C	01/16/2018	1	SOLITRON		Y SDP137HVZHG		781
5962-9961301HNA	C	01/16/2018	1	SOLITRON		Y SDP7812ANHD		782
5962-9961301HNC	C	01/16/2018	1	SOLITRON		Y SDP7812ANHG		782
5962-9961301HTA	C	01/16/2018	1	SOLITRON		Y SDP7812ATHD		782
5962-9961301HTC	C	01/16/2018	1	SOLITRON		Y SDP7812ATHG		782
5962-9961301HUA	C	01/16/2018	1	SOLITRON		Y SDP7812AUHD		782
5962-9961301HUC	C	01/16/2018	1	SOLITRON		Y SDP7812AUHG		782
5962-9961301HZA	C	01/16/2018	1	SOLITRON		Y SDP7812AZHD		782
5962-9961301HZA	C	01/16/2018	1	SOLITRON		Y SDP7812AZHG		782
5962-9961401HNA	C	01/17/2018	1	SOLITRON		Y SDP7912ANHD		783
5962-9961401HNC	C	01/17/2018	1	SOLITRON		Y SDP7912ANHG		783
5962-9961401HTA	C	01/17/2018	1	SOLITRON		Y SDP7912ATHD		783
5962-9961401HTC	C	01/17/2018	1	SOLITRON		Y SDP7912ATHG		783
5962-9961401HUA	C	01/17/2018	1	SOLITRON		Y SDP7912AUHD		783
5962-9961401HUC	C	01/17/2018	1	SOLITRON		Y SDP7912AUHG		783
5962-9961401HZA	C	01/17/2018	1	SOLITRON		Y SDP7912AZHD		783
5962-9961401HZA	C	01/17/2018	1	SOLITRON		Y SDP7912AZHG		783
5962-9961501QYA	C	06/14/2016	3	E2V		Y CY7C466A-25LMB		670
5962-9961502QYA	C	06/14/2016	3	E2V		Y CY7C466A-15LMB		670
5962-9961601HXA	B	12/15/2014		(NONE)	07/13/2018	AD10465 (GEN)		592
5962F9961701V9A	C	06/16/2014		(NONE)		HS-4080A (GEN)		555
5962F9961701QSC	C	06/16/2014		(NONE)		HS-4080A (GEN)		555
5962F9961701VSC	C	06/16/2014		(NONE)		HS-4080A (GEN)		555
5962R9961701TSC	C	06/16/2014		(NONE)		HS-4080A (GEN)		555
5962F9961702V9A	C	06/16/2014	1	RENESAS		Y HS0-4080AEH-Q		555
5962F9961702VXC	C	06/16/2014	1	RENESAS		Y HS9-4080AEH-Q		555
5962F9961801V9A	J	01/23/2017	1	RENESAS		Y HS0-201HSRH-Q		183
5962F9961801QEC	J	01/23/2017	1	RENESAS		Y HS1-201HSRH-8		183
5962F9961801VEC	J	01/23/2017	1	RENESAS		Y HS1-201HSRH-Q		183
5962R9961801TEC	J	01/23/2017	1	RENESAS		Y HS1-201HSRH-T		183
5962F9961801QXC	J	01/23/2017	1	RENESAS		Y HS9-201HSRH-8		183
5962F9961801VXC	J	01/23/2017	1	RENESAS		Y HS9-201HSRH-Q		183



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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962R9961801TXC	J	01/23/2017	1	RENESAS		Y HS9-201HSRH-T		183
5962F9961802V9A	J	01/23/2017	1	RENESAS		Y HS0-201HSEH-Q		183
5962F9961802VEC	J	01/23/2017	1	RENESAS		Y HS1-201HSEH-Q		183
5962F9961802VXC	J	01/23/2017	1	RENESAS		Y HS9-201HSEH-Q		183
5962-9961901Q3A	B	06/04/2009		(NONE)		UC1827 (GEN)		787
5962-9961901QJA	B	06/04/2009		(NONE)		UC1827 (GEN)		787
5962-9962001Q2A	C	11/18/2013	3	TI		Y TL1431MFKB		785
5962-9962001V2A	C	11/18/2013	3	TI		Y TL1431MFKQMLV		785
5962R9962001VHA	C	11/18/2013	3A	TI		Y TL1431MU-RHA		785
5962-9962001QPA	C	11/18/2013	3	TI		Y TL1431MJGB		785
5962-9962001VPA	C	11/18/2013	3	TI		Y TL1431MJGQMLV		785
5962R9962001VPA	C	11/18/2013	3A	TI		Y TL1431MJG-RHA		785
5962-99A0101QXC	A	02/08/2011		(NONE)	12/31/2010	6556-033 (GEN)		365
5962-99A0102QXC	A	02/08/2011		(NONE)		21034-001 (GEN)		365
5962-99A0201NXB	B	11/08/2002		(NONE)	12/31/2010	11179-001 (GEN)		365
5962-99A0301QXC	A	03/26/1999		(NONE)		6901-011 (GEN)		365
5962-99A0301QYC	A	03/26/1999		(NONE)		6901-011 (GEN)		365
5962H99A0401QZC	C	10/26/2015	2	HONEYWELL (1)		Y HX6664/XQHC-1		365
5962H99A0402QZC	C	10/26/2015	2	HONEYWELL (1)		Y HX6664/XQHC-2		365
5962H99A0403QZC	C	10/26/2015	2	HONEYWELL (1)		Y HX6664/XQHC-3		365
5962H99A0404QZC	C	10/26/2015	2	HONEYWELL (1)		Y HX6664/XQHC-4		365
5962-99A0501QXC	C	03/17/2017		(NONE)		11496-501 (GEN)		365
5962-99A0502NYB	C	03/17/2017		(NONE)		11496-502 (GEN)		365
5962-99A0503QXC	C	03/17/2017		(NONE)		14134-501 (GEN)		365
5962-99A0504NYB	C	03/17/2017		(NONE)	12/31/2010	14134-502 (GEN)		365
5962-99A0505NYB	C	03/17/2017	2	ON SEMI.		Y 14134-506		365
5962-99A0601NXB	B	05/15/2017		(NONE)	12/31/2010	6577-525 (GEN)		365
5962-99A0602QYC	B	05/15/2017		(NONE)		6577-524 (GEN)		365
5962-99A0603NXB	B	05/15/2017	2	ON SEMI.		Y 20483-002		365
5962-99A0701NXB	C	03/17/2017		(NONE)	12/31/2010	6825-010 (GEN)		365
5962-99A0702QYC	C	03/17/2017		(NONE)		6825-008 (GEN)		365
5962-99A0703NXB	C	03/17/2017	2	ON SEMI.		Y 06825-810		365
5962-99A0901NXB	E	03/17/2017		(NONE)	12/31/2010	6825-514 (GEN)		365
5962-99A0902QYC	E	03/17/2017		(NONE)		6825-512 (GEN)		365
5962-99A0903NXB	E	03/17/2017	2	ON SEMI.		Y 6825-812		365
5962-99A1001NXB	B	03/17/2017		(NONE)	12/31/2010	11508-002 (GEN)		365
5962-99A1002QYC	B	03/17/2017		(NONE)		11508-001 (GEN)		365
5962-99A1003NXB	B	03/17/2017	2	ON SEMI.		Y 11508-003		365
5962-99A1101NXB	D	05/15/2017		(NONE)		6580-064 (GEN)		365
5962-99A1101NZB	D	05/15/2017		(NONE)	12/31/2010	6580-064 (GEN)		365
5962-99A1102QYC	D	05/15/2017		(NONE)		6580-062 (GEN)		365
5962-99A1103NZB	D	05/15/2017	1C	ON SEMI.		Y 20461-014		365
5962-99A1201QXC	A	07/15/1999		(NONE)		5345-034 (GEN)		365
5962-99A1401QXC		03/15/1999		(NONE)		5345-005 (GEN)		365
5962H99A1501QZC	C	10/26/2015	1	HONEYWELL (1)		Y HX6356/XQHC		365
5962-99A1601QXC		05/28/1999		(NONE)		5343-048 (GEN)		365
5962-99A1701QXC		05/17/1999		(NONE)		6559-055 (GEN)		365
5962-99A1801NXB	A	12/22/1999		(NONE)		6580-533 (GEN)		365
5962-99A1901QXC		05/26/1999		(NONE)		5345-029 (GEN)		365

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962-99A2001QXC		05/26/1999		(NONE)	12/31/2010		6577-024 (GEN)	365
5962-99A2101QXA		06/02/1999		(NONE)	12/31/2010		6802-503 (GEN)	365
5962-99A2201QXC	A	08/09/1999		(NONE)			6559-049 (GEN) (GEN)	365
5962-99A2301QXC		08/06/1999		(NONE)			6571-026 (GEN)	365
5962-99A2401QXC	A	12/23/1999		(NONE)			6571-029 (GEN)	365
5962-99A2402QXC	A	12/23/1999		(NONE)			6571-031 (GEN)	365
5962-99A2501QXC	A	01/27/2012		(NONE)	12/31/2010		6580-535 (GEN)	365
5962-99A2502QXC	A	01/27/2012		(NONE)			20461-001 (GEN)	365
5962-99A2601QXC		12/22/1999		(NONE)	12/31/2010		8513-001 (GEN)	365
5962F99B0101Q*C	P	02/26/2014	2	COBHAM		Y	UT06MRA010	365
5962F99B0101V*C	P	02/26/2014	2	COBHAM		Y	UT06MRA010	365
5962R99B0101Q9A	P	02/26/2014	2	COBHAM		Y	UT06MRA010_QDIE	365
5962R99B0101V9A	P	02/26/2014	2	COBHAM		Y	UT06MRA010_VDIE	365
5962F99B0102Q*C	P	02/26/2014	2	COBHAM		Y	UT06MRA025	365
5962F99B0102V*C	P	02/26/2014	2	COBHAM		Y	UT06MRA025	365
5962R99B0102Q9A	P	02/26/2014	2	COBHAM		Y	UT06MRA025_QDIE	365
5962R99B0102V9A	P	02/26/2014	2	COBHAM		Y	UT06MRA025_VDIE	365
5962F99B0103Q*C	P	02/26/2014	2	COBHAM		Y	UT06MRA050	365
5962F99B0103V*C	P	02/26/2014	2	COBHAM		Y	UT06MRA050	365
5962F99B0104Q*C	P	02/26/2014	2	COBHAM		Y	UT06MRA075	365
5962F99B0104V*C	P	02/26/2014	2	COBHAM		Y	UT06MRA075	365
5962R99B0105Q*C	P	02/26/2014	2	COBHAM		Y	UT06MRA100	365
5962R99B0105V*C	P	02/26/2014	2	COBHAM		Y	UT06MRA100	365
5962R99B0106Q*C	P	02/26/2014	2	COBHAM		Y	UT06MRA150	365
5962R99B0106V*C	P	02/26/2014	2	COBHAM		Y	UT06MRA150	365
5962R99B0107Q*C	P	02/26/2014	2	COBHAM		Y	UT06MRA200	365
5962R99B0107V*C	P	02/26/2014	2	COBHAM		Y	UT06MRA200	365
5962R99B0108Q*C	P	02/26/2014	2	COBHAM		Y	UT06MRA250	365
5962R99B0108V*C	P	02/26/2014	2	COBHAM		Y	UT06MRA250	365
5962R99B0109Q*C	P	02/26/2014	2	COBHAM		Y	UT06MRA300	365
5962R99B0109V*C	P	02/26/2014	2	COBHAM		Y	UT06MRA300	365
5962R99B0110Q*C	P	02/26/2014	2	COBHAM		Y	UT06MRA350	365
5962R99B0110V*C	P	02/26/2014	2	COBHAM		Y	UT06MRA350	365
5962R99B0111Q*C	P	02/26/2014	2	COBHAM		Y	UT06MRA400	365
5962R99B0111V*C	P	02/26/2014	2	COBHAM		Y	UT06MRA400	365
5962R99B0112Q*C	P	02/26/2014	2	COBHAM		Y	UT06MRA450	365
5962R99B0112V*C	P	02/26/2014	2	COBHAM		Y	UT06MRA450	365
5962R99B0113Q*C	P	02/26/2014	2	COBHAM		Y	UT06MRA500	365
5962R99B0113V*C	P	02/26/2014	2	COBHAM		Y	UT06MRA500	365
5962-99B0114Q*C	P	02/26/2014		(NONE)			UT06MRA (GEN)	365
5962R99B0114V*C	P	02/26/2014		(NONE)			UT06MRA (GEN)	365
5962-99B0115Q*C	P	02/26/2014		(NONE)			UT06MRA (GEN)	365
5962R99B0115V*C	P	02/26/2014		(NONE)			UT06MRA (GEN)	365
5962H99B0201QXC		04/23/1999		(NONE)	06/30/1999		HR2125 (GEN)	365
5962H99B0201VXC		04/23/1999		(NONE)	06/30/1999		HR2125 (GEN)	365
5962H99B0202QXC		04/23/1999		(NONE)	06/30/1999		HR2210 (GEN)	365
5962H99B0202VXC		04/23/1999		(NONE)	06/30/1999		HR2210 (GEN)	365
5962H99B0203QXC		04/23/1999		(NONE)	06/30/1999		HR2340 (GEN)	365
5962H99B0203VXC		04/23/1999		(NONE)	06/30/1999		HR2340 (GEN)	365

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## SECTION 1, MICROCIRCUITS

## PART I, Listed By SMD PIN

Drawing PIN <u>1/</u>	Rev	Date	ESD Status	Approved Source	Repl PIN or EOL Date <u>2/</u>	QML Source <u>3/</u>	Vendor Similar PIN <u>4/</u>	EIC
5962H99B0204QXC		04/23/1999		(NONE)	06/30/1999		HR2010 (GEN)	365
5962H99B0204VXC		04/23/1999		(NONE)	06/30/1999		HR2010 (GEN)	365
5962H99B0205QXC		04/23/1999		(NONE)	06/30/1999		HR2065 (GEN)	365
5962H99B0205VXC		04/23/1999		(NONE)	06/30/1999		HR2065 (GEN)	365
5962H99B0206QXC		04/23/1999		(NONE)	06/30/1999		HR2090 (GEN)	365
5962H99B0206VXC		04/23/1999		(NONE)	06/30/1999		HR2090 (GEN)	365

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Notes:

- 1/ The lead finish shown for each PIN representing a hermetic package is the most readily available from the manufacturer listed for that part. If the desired lead finish is not listed, contact the vendor to determine its availability.
- 2/ Where a date is shown in this column, the approved source of supply listed for this PIN has issued an End-Of-Life notice for this product. According to this notice, last-time buys will be honored on or before the date shown.
- 3/ Where a "Y" appears in this column, one of the following applies:
  - a. The approved source listed has informed DLA Land and Maritime that the SMD part, designated by an SMD PIN with either a device class "M" identifier or without a device class identifier, is currently being processed on a DLA Land and Maritime approved QML flow, as allowed by paragraph 1.2 of MIL-STD-883. By maintaining the same PIN, the manufacturer listed as an approved source has certified that no changes affecting form, fit or function have occurred for the device.
  - b. The approved source is processing the SMD on a DLA Land and Maritime approved QML flow in accordance with MIL-PRF-38535, for those designated by an SMD PIN with device class "Q", "V", "T" or "N" identifiers, or in accordance with MIL-PRF-38534, for those designated by an SMD PIN with device class "H", "K", "D", "E" or "G" identifiers.
- 4/ Vendor similar PIN's that include "(GEN)\*" are not valid part numbers. These are generic numbers, provided as references for those SMD parts that no longer have approved sources.

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
ADC-HX/883B	5962-8850801XA	DS0026 (GEN)	7800802GA	REF01A (GEN)	5962-8958101V2A
ADC-HX/883B	5962-8850801XC	DS0026 (GEN)	7800802PA	REF01A (GEN)	5962-8958101VGA
ADC-HZ/883B	5962-8850802XA	ADC00300 (GEN)	5962-8854201XA	REF01A (GEN)	5962-8958101VHA
ADC-HZ/883B	5962-8850802XC	ADC00302 (GEN)	5962-8854201YA	REF01A (GEN)	5962-8958101VPA
DAC-HKB/883	5962-8952801XA	FLH0032G/883	8001301ZA	REF01A (GEN)	5962-89581032C
DAC-HKB/883	5962-8952801XC	MSK0032B	8001301ZC	REF01A (GEN)	5962-8958103GC
DAC-HPB/883	5962-8953101HXC	MSK0032B	8001302ZC	REF01A (GEN)	5962-8958103PA
FLP (GEN)	5962H9210301QZC	MSK0032B (GEN)	8001302ZA	REF01AJ/QMLR	5962R8958101VGA
FLP (GEN)	5962H9210301VZC	FLH0033G/883	8001401ZA	REF01AL/QMLL	5962L8958105VHA
PA21 (GEN)	5962-9215201HXA	MSK0033B	8001401ZC	REF01AL/QMLR	5962R8958101VHA
UT80CRH196 (GEN)	5962F0252301VXA	FLH0041G/883	8508701ZA	REF01ARC/QMLR	5962R8958101V2A
AC00DIE2V	5962F8754901V9A	MSK0041B	8508701ZC	REF01AZ/883C	5962-8958101PA
AC00KGD-SP	5962R8754903V9A	DS0056H/883	7800801GA	REF01AZ/QMLR	5962R8958101VPA
ACS00 (GEN)	5962F9565001V9A	DS0056J/883	7800801CA	UTEFE01RVXC	5962R09A0101VXC
ACS00 (GEN)	5962F9565001VCC	DS0056J-8/883	7800801PA	UTEFE01-VXC	5962-09A0101VXC
ACS00 (GEN)	5962F9565001VXC	LCB007 (GEN)	5962-94B0302M4C	FLH0101AK/883	8508901YA
ACT00DIE2V	5962F8769903V9A	LCB007 (GEN)	5962-94B0302M5C	FLH0101K/883	8508902YA
ACTS00 (GEN)	5962F9563601V9A	LCB007 (GEN)	5962-94B0302M6C	UT01VS33DF-Q-DIE	5962F1121316Q9A
ACTS00 (GEN)	5962F9563601VCC	LCB007 (GEN)	5962-94B0302M7C	UT01VS33DF-V-DIE	5962F1121316V9A
ACTS00 (GEN)	5962F9563601VXC	LCB007 (GEN)	5962-94B0302M8C	UT01VS33DFXQC	5962F1121316QXC
HCS00DMSR	5962R9572401VCC	LCB007 (GEN)	5962-94B0302M9C	UT01VS33DFXVC	5962F1121316VXC
HCS00HMSR	5962R9572401V9A	LCB007 (GEN)	5962-94B0302MCC	UT01VS33DR-Q-DIE	5962R1121316Q9A
HCS00KMSR	5962R9572401VXC	LCB007 (GEN)	5962-94B0302MMC	UT01VS33DR-V-DIE	5962R1121316V9A
HCTS00 (GEN)	5962R9563701V9A	LCB007 (GEN)	5962-94B0302MNC	UT01VS33DRXQC	5962R1121316QXC
HCTS00 (GEN)	5962R9563701VCC	LCB007 (GEN)	5962-94B0302MTC	UT01VS33DRXVC	5962R1121316VXC
HCTS00 (GEN)	5962R9563701VXC	LCB007 (GEN)	5962-94B0302MUC	UT01VS33LF-Q-DIE	5962F1121315Q9A
ACS00-02 (GEN)	5962F9565002V9A	LCB007 (GEN)	5962-94B0302MXC	UT01VS33LF-V-DIE	5962F1121315V9A
ACS00-02 (GEN)	5962F9565002VCC	LCB007 (GEN)	5962-94B0302MYC	UT01VS33LFXQC	5962F1121315QXC
ACS00-02 (GEN)	5962F9565002VXC	LCB007 (GEN)	5962-94B0302MZC	UT01VS33LFXVC	5962F1121315VXC
ACTS00-02 (GEN)	5962F9563602V9A	LH0070-0H/883	5962-8688201XA	UT01VS33LR-Q-DIE	5962R1121315Q9A
ACTS00-02 (GEN)	5962F9563602VCC	LH0070-1H/883	5962-8688202XA	UT01VS33LR-V-DIE	5962R1121315V9A
ACTS00-02 (GEN)	5962F9563602VXC	AMP01A (GEN)	5962-8863001VKA	UT01VS33LRXQC	5962R1121315QXC
CTS0002 (GEN)	7801301GA	AMP-01A (GEN)	5962-8863001VA	UT01VS33LRXVC	5962R1121315VXC
FLH0002H/883	7801301XA	AMP01AD/QMLV	5962-8863001VVA	UT01VS50DF-Q-DIE	5962F1121314Q9A
MSK 0002H	7801301XC	AMP01ATC/QMLV	5962-8863001V3A	UT01VS50DF-V-DIE	5962F1121314V9A
MSK 0002HRH	5962R7801301HXC	AMP-01B (GEN)	5962-88630023A	UT01VS50DFXQC	5962F1121314QXC
MSK 0002KRH	5962R7801301KXC	AMP-01B (GEN)	5962-8863002VA	UT01VS50DFXVC	5962F1121314VXC
RHFAHC00D2V	5962F1820201V9A	AMP01D/QMLV	5962-8863003VVA	UT01VS50DR-Q-DIE	5962R1121314Q9A
RHFAHC00K01V	5962F1820201VXC	AMP01N/QMLV	5962-8863003VKA	UT01VS50DR-V-DIE	5962R1121314V9A
RHFAHC00K02V	5962F1820201VXA	AMP01TC/QMLV	5962-8863003V3A	UT01VS50DRXQC	5962R1121314QXC
SEN-0002H	7801301XA	CMP01 (GEN)	5962-8987101GA	UT01VS50DRXVC	5962R1121314VXC
SEN-0002H	7801301XC	CMP01 (GEN)	5962-8987101PA	UT01VS50LF-Q-DIE	5962F1121313Q9A
MSK 0006H	5962-8761701XC	HXSRD01TQH	5962H1020801QXC	UT01VS50LF-V-DIE	5962F1121313V9A
MSK 0006H	5962-8761703XC	HXSRD01TVH	5962H1020801VXC	UT01VS50LFXQC	5962F1121313QXC
MSK 0008 (GEN)	5962-8761702XA	REF01 (GEN)	5962-89581022A	UT01VS50LFXVC	5962F1121313VXC
MSK 0008H	5962-8761702XC	REF01 (GEN)	5962-8958102GA	UT01VS50LR-Q-DIE	5962R1121313Q9A
MSK 0008H	5962-8761704XC	REF01 (GEN)	5962-8958102PA	UT01VS50LR-V-DIE	5962R1121313V9A
FLH0021K/883	8508801YA	REF01 (GEN)	5962-89581042C	UT01VS50LRXQC	5962R1121313QXC
MSK0021B	8508801YC	REF01 (GEN)	5962-8958104GC	UT01VS50LRXVC	5962R1121313VXC
MRG002160A (GEN)	5962-9450301MZA	REF01 (GEN)	5962-8958104PA	HXNV01600AVH	5962H1321201VXC
MRG002160B (GEN)	5962-9450302MYA	REF01A (GEN)	5962-89581012A	HXNV01600AWH	5962H1321201QXC
DS0026 (GEN)	7800802CA	REF01A (GEN)	5962-8958101GA	HLXSR01608AQH	5962H0820202QXC



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
HLXSR01608AVH	5962H0820202VXC	ADDC02808PB (GEN)	5962-9763401HXC	UT04VS33PQXC	5962R1320601QXC
HXSR01608AQH	5962H0820201QXC	ADDC02809SA (GEN)	5962-9760202HXC	UT04VS33PVXC	5962F1320601VXC
HXSR01608AVH	5962H0820201VXC	ADDC02812DA (GEN)	5962-9684101HXC	UT04VS33PVXC	5962R1320601VXC
HLXSR01632-DQH	5962H0820302QXC	ADDC02815DA (GEN)	5962-9684201HXC	UT04VS50PQXC	5962F1320602QXC
HLXSR01632-DVH	5962H0820302VXC	GEM02901B2A	5962-87542012A	UT04VS50PQXC	5962R1320602QXC
HXSR01632-DQH	5962H0820301QXC	GEM02901B2C	5962-87542012C	UT04VS50PVXC	5962F1320602VXC
HXSR01632-DVH	5962H0820301VXC	GEM02901BRA	5962-8754201RA	UT04VS50PVXC	5962R1320602VXC
AC02DIE2V	5962F8761201V9A	GEM02901BRC	5962-8754201RC	HCS05 (GEN)	5962R9580101V9A
ACS02 (GEN)	5962F9860101V9A	GEM02901BSA	5962-8754201SA	HCS05 (GEN)	5962R9580101VCC
ACS02 (GEN)	5962F9860101VXC	GEM02901BSC	5962-8754201SC	HCS05KMSR	5962R9580101VXC
ACS02-03 (GEN)	5962F9860101VCC	ACS03DMSR	5962F9670301VCC	HS-CMP05 (GEN)	5962-96A0201V9A
HCS02 (GEN)	5962R9567901V9A	ACS03HMSR	5962F9670301V9A	HS-CMP05 (GEN)	5962-96A0201VXC
HCS02 (GEN)	5962R9567901VCC	ACS03KMSR	5962F9670301VXC	HS-REF05 (GEN)	5962-96A0301V9A
HCS02 (GEN)	5962R9567901VXC	AMP03 (GEN)	5962-9563901MGA	HS-REF05 (GEN)	5962-96A0301VXC
HCTS02 (GEN)	5962R9568201V9A	HTC-0300A (GEN)	5962-9073001HYC	REF05A (GEN)	5962-0051601V2A
HCTS02 (GEN)	5962R9568201VCC	ACS03-02 (GEN)	5962F9670302V9A	REF05A (GEN)	5962-0051601VGA
HCTS02 (GEN)	5962R9568201VXC	ACS03-02 (GEN)	5962F9670302VCC	REF05A (GEN)	5962-0051601VHA
PA02M/883	5962-9067901HXA	ACS03-02 (GEN)	5962F9670302VXC	REF05A (GEN)	5962-0051601VPA
REF02 (GEN)	85514022C	TL031 (GEN)	5962-9086101Q2A	REF05A (GEN)	5962R0051601V2A
REF02 (GEN)	8551402GC	TL031 (GEN)	5962-9086101QPA	REF05AJ/QMLR	5962R0051601VGA
REF02 (GEN)	8551402PA	TL032 (GEN)	5962-9086102Q2A	REF05AL/QMLL	5962L0051602VHA
REF02 (GEN)	85514042C	TL032 (GEN)	5962-9086102QPA	REF05AL/QMLR	5962R0051601VHA
REF02 (GEN)	8551404GC	TL034 (GEN)	5962-9086103Q2A	REF05AZ/QMLR	5962R0051601VPA
REF02 (GEN)	8551404PA	TL034 (GEN)	5962-9086103QCA	HOS-050A (GEN)	5962-8857901XC
REF02A (GEN)	5962-8551401V2A	GEM03701B2A	76010012A	DVPL0503S/H	5962-1324301HXC
REF02A (GEN)	5962-8551401VGA	GEM03701B2C	76010012C	DVPL0503S/H-E	5962-1324301HXA
REF02A (GEN)	5962-8551401VHA	GEM03701BEA	7601001EA	DVPL0503S/K	5962-1324301KXC
REF02A (GEN)	5962-8551401VPA	GEM03701BEC	7601001EC	DVPL0503S/K-E	5962-1324301KXA
REF02A (GEN)	8551401GA	GEM03701BFA	7601001FA	DVPL0505S/H	5962-0924101HXC
REF02A (GEN)	8551403GC	GEM03701BFC	7601001FC	DVPL0505S/H-E	5962-0924101HXA
REF02A (GEN)	8551403PA	AC04DIE2V	5962F8760901V9A	DVPL0505S/K	5962-0924101KXC
REF02AJ/QMLR	5962R8551401VGA	ACS04-03 (GEN)	5962F9860301V9A	DVPL0505S/K-E	5962-0924101KXA
REF02AL/QMLL	5962L8551405VHA	ACS04-03 (GEN)	5962F9860301VCC	MFP0507S (GEN)	5962-1120901HXA
REF02AL/QMLR	5962R8551401VHA	ACS04-03 (GEN)	5962F9860301VXC	MFP0507S (GEN)	5962-1120901HYA
REF-02ARC/883	85514012A	ACT04DIE2V	5962F8973403V9A	MFP0507S (GEN)	5962L1120901HXA
REF02ARC/QMLR	5962R8551401V2A	ACTS04 (GEN)	5962F9671201VCC	MFP0507S (GEN)	5962L1120901HYA
REF-02AZ/883	8551401PA	ACTS04 (GEN)	5962F9671201VXC	MFP0507S (GEN)	5962L1120901KXA
REF02AZ/QMLR	5962R8551401VPA	BUF04 (GEN)	5962-9556701M2A	MFP0507S (GEN)	5962L1120901KYA
DAC-02200II (GEN)	5962-9063401HXA	BUF04 (GEN)	5962-9556701MPA	MFP0507S (GEN)	5962P1120901HXA
HI-0222 (GEN)	5962-9456201M2A	CMP04B (GEN)	5962-8990403CA	MFP0507S (GEN)	5962P1120901HYA
HI-0222 (GEN)	5962-9456201MCA	HCS04 (GEN)	5962R9572501V9A	MFP0507S (GEN)	5962P1120901KXA
DAC-02310 (GEN)	5962-8851701XA	HCS04 (GEN)	5962R9572501VCC	MFP0507S (GEN)	5962P1120901KYA
DAC-02310 (GEN)	5962-8851702XA	HCS04 (GEN)	5962R9572501VXC	MFP0507S (GEN)	5962R1120901HXA
DAC-02311 (GEN)	5962-8851701YA	HCTS04 (GEN)	5962R9573201V9A	MFP0507S (GEN)	5962R1120901HYA
DAC-02311 (GEN)	5962-8851702YA	HCTS04 (GEN)	5962R9573201VCC	MFP0507S (GEN)	5962R1120901KXA
MOH0268D (GEN)	5962-8858101EA	HCTS04 (GEN)	5962R9573201VXC	MFP0507S (GEN)	5962R1120901KYA
MOH0268D (GEN)	5962-8858101FA	TL040 (GEN)	5962-9311701M2A	MFP0507S/883	5962-1120902HXA
MOH0268D (GEN)	5962-88581012A	TL040 (GEN)	5962-9311701MEA	MFP0507S/883	5962-1120902HXC
TL027 (GEN)	84185032A	ACTS04-02 (GEN)	5962F9671202V9A	MFP0507S/HL	5962L1120902HXA
TL027 (GEN)	8418503CA	ACTS04-02 (GEN)	5962F9671202VCC	MFP0507S/HL	5962L1120902HXC
ADDC02803SC (GEN)	5962-9760101HXC	ACTS04-02 (GEN)	5962F9671202VXC	MFP0507S/HP	5962P1120902HXA
ADDC02805 (GEN)	5962-9560701HXC	UT04VS33PQXC	5962F1320601QXC	MFP0507S/HP	5962P1120902HXC

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MFP0507S/HR	5962R1120902HXA	SVGA0515S/K	5962R1221902KXC	UT06MRA025	5962F04B0102Q*C
MFP0507S/HR	5962R1120902HXC	SVGA0515S/K-E	5962R1221902KXA	UT06MRA025	5962F04B0102V*C
MFP0507S/KL	5962L1120902KXA	TL052 (GEN)	5962-9472601Q2A	UT06MRA050	5962F04B0103Q*C
MFP0507S/KL	5962L1120902KXC	TL052 (GEN)	5962-9472601QPA	UT06MRA050	5962F04B0103V*C
MFP0507S/KP	5962P1120902KXA	DVPL0520S/H	5962-1324401HXC	UT06MRA075	5962F04B0104Q*C
MFP0507S/KP	5962P1120902KXC	DVPL0520S/H-E	5962-1324401HXA	UT06MRA075	5962F04B0104V*C
MFP0507S/KR	5962R1120902KXA	DVPL0520S/K	5962-1324401KXC	TL061 (GEN)	81023012A
MFP0507S/KR	5962R1120902KXC	DVPL0520S/K-E	5962-1324401KXA	TL061 (GEN)	8102301GA
MFP0507SF/883	5962-1120902HYA	ACS05 (GEN)	5962F9860201V9A	TL061 (GEN)	8102301HA
MFP0507SF/883	5962-1120902HYC	ACS05 (GEN)	5962F9860201VCC	TL061 (GEN)	8102301PA
MFP0507SF/HL	5962L1120902HYA	ACS05 (GEN)	5962F9860201VXC	UT06MRA100	5962R04B0105Q*C
MFP0507SF/HL	5962L1120902HYC	HS-SW06 (GEN)	5962-97A0201V9A	UT06MRA100	5962R04B0105V*C
MFP0507SF/HP	5962P1120902HYA	HS-SW06 (GEN)	5962-97A0201VXC	UT06MRA150	5962R04B0106Q*C
MFP0507SF/HP	5962P1120902HYC	SW06BQ/883	5962-8966901EA	UT06MRA150	5962R04B0106V*C
MFP0507SF/HR	5962R1120902HYA	SW06BRC/883	5962-89669012A	TL062 (GEN)	8102302CA
MFP0507SF/HR	5962R1120902HYC	UT06MRA (GEN)	5962-99B0114Q*C	TL062 (GEN)	8102302GA
MFP0507SF/KL	5962L1120902KYA	UT06MRA (GEN)	5962-99B0115Q*C	TL062M (GEN)	8102302HA
MFP0507SF/KL	5962L1120902KYC	UT06MRA (GEN)	5962R99B0114V*C	TL062MFKB	81023022A
MFP0507SF/KP	5962P1120902KYA	UT06MRA (GEN)	5962R99B0115V*C	TL062MJGB	8102302PA
MFP0507SF/KP	5962P1120902KYC	UT06MRA010	5962F99B0101Q*C	UT06MRA200	5962R04B0107Q*C
MFP0507SF/KR	5962R1120902KYA	UT06MRA010	5962F99B0101V*C	UT06MRA200	5962R04B0107V*C
MFP0507SF/KR	5962R1120902KYC	UT06MRA010_QDIE	5962R99B0101Q9A	UT06MRA250	5962R04B0108Q*C
SVRGA0508S/H+	5962R1321701HXC	UT06MRA010_VDIE	5962R99B0101V9A	UT06MRA250	5962R04B0108V*C
SVRGA0508S/H+-E	5962R1321701HXA	UT06MRA025	5962F99B0102Q*C	UT06MRA300	5962R04B0109Q*C
SVRGA0508S/K	5962R1321701KXC	UT06MRA025	5962F99B0102V*C	UT06MRA300	5962R04B0109V*C
SVRGA0508S/K-E	5962R1321701KXA	UT06MRA025_QDIE	5962R99B0102Q9A	GEM06301Q2A	5962-86890012A
DVPL0510S/H	5962-1321901HXC	UT06MRA025_VDIE	5962R99B0102V9A	GEM06301Q2C	5962-86890012C
DVPL0510S/H-E	5962-1321901HXA	UT06MRA050	5962F99B0103Q*C	GEM06301QCA	5962-8689001CA
DVPL0510S/K	5962-1321901KXC	UT06MRA050	5962F99B0103V*C	GEM06301QCC	5962-8689001CC
DVPL0510S/K-E	5962-1321901KXA	UT06MRA075	5962F99B0104Q*C	GEM06301QDA	5962-8689001DA
SVFA0510S/H+	5962P1621201HXC	UT06MRA075	5962F99B0104V*C	GEM06301QDC	5962-8689001DC
SVFA0510S/H+-E	5962P1621201HXA	UT06MRA100	5962R99B0105Q*C	UT06MRA350	5962R04B0110Q*C
SVFA0510S/K	5962P1621201KXC	UT06MRA100	5962R99B0105V*C	UT06MRA350	5962R04B0110V*C
SVFA0510S/K-E	5962P1621201KXA	UT06MRA150	5962R99B0106Q*C	TL064MFKB	81023032A
SVGA0510S/H+	5962R1221901HXC	UT06MRA150	5962R99B0106V*C	TL064MJB	8102303CA
SVGA0510S/H+-E	5962R1221901HXA	UT06MRA200	5962R99B0107Q*C	TL064MWB	8102303DA
SVGA0510S/K	5962R1221901KXC	UT06MRA200	5962R99B0107V*C	HXNV06400BVH	5962H1423001VXC
SVGA0510S/K-E	5962R1221901KXA	UT06MRA250	5962R99B0108Q*C	HXNV06400BWH	5962H1423001QXC
GEM051012A	76036012A	UT06MRA250	5962R99B0108V*C	UT06MRA400	5962R04B0111Q*C
GEM051012C	76036012C	UT06MRA300	5962R99B0109Q*C	UT06MRA400	5962R04B0111V*C
GEM05101EA	7603601EA	UT06MRA300	5962R99B0109V*C	MRG064-128 (GEN)	5962-9317801MZC
GEM05101EC	7603601EC	UT06MRA350	5962R99B0110Q*C	HXSR06432-DVH	5962H1023201VXC
GEM05101FX	7603601FA	UT06MRA350	5962R99B0110V*C	HXSR06432-DWH	5962H1023201QXC
GEM05101FX	7603601FC	UT06MRA400	5962R99B0111Q*C	UT06MRA450	5962R04B0112Q*C
HAA-51154R4552 (GEN)	5962-97A1001V9A	UT06MRA400	5962R99B0111V*C	UT06MRA450	5962R04B0112V*C
HAA-51156R4554 (GEN)	5962-97A0801V9A	UT06MRA450	5962R99B0112Q*C	UT06MRA500	5962R04B0113Q*C
SVFA0515S/H+	5962P1720101HXC	UT06MRA450	5962R99B0112V*C	UT06MRA500	5962R04B0113V*C
SVFA0515S/H+-E	5962P1720101HXA	UT06MRA500	5962R99B0113Q*C	UT06MRA (GEN)	5962-04B0114Q*C
SVFA0515S/K	5962P1720101KXC	UT06MRA500	5962R99B0113V*C	UT06MRA (GEN)	5962R04B0114V*C
SVFA0515S/K-E	5962P1720101KXA	HOS-060S (GEN)	5962-8857902XC	06550-022 (GEN)	5962-97A1501QXC
SVGA0515S/H+	5962R1221902HXC	UT06MRA010	5962F04B0101Q*C	06580-044 (GEN)	5962-01A1401QXC
SVGA0515S/H+-E	5962R1221902HXA	UT06MRA010	5962F04B0101V*C	06583-011 (GEN)	5962-02A0301QXA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
06583-014 (GEN)	5962-02A0401QXA	ACS08 (GEN)	5962F9565101VCC	TL084MFKB	5962-9851503Q2A
UT06MRA (GEN)	5962-04B0115Q*C	ACS08 (GEN)	5962F9565101VXC	TL084MJB	5962-9851503QCA
UT06MRA (GEN)	5962R04B0115V*C	ACT08DIE2V	5962F8954703V9A	Z08400 (GEN)	5962-3848001MQA
VAC068A (GEN)	5962-9200901MXC	ACTS08 (GEN)	5962F9565701VCC	Z08400 (GEN)	5962-3848001MXA
VAC068A (GEN)	5962-9200901MYA	ACTS08 (GEN)	5962F9565701VXC	Z08400 (GEN)	5962-3848001MYA
VIC068A (GEN)	5962-9201001MXC	DAC08AF/QMLL	5962L8993203VFA	Z08400 (GEN)	5962-3848002MQA
VIC068A (GEN)	5962-9201001MYC	DAC08AF/QMLR	5962R8993202VFA	Z08400 (GEN)	5962-3848002MXA
GEM06801QQA	8405701QA	DAC08AQ/QMLR	5962R8993202VEA	Z08400 (GEN)	5962-3848002MYA
GEM06801QQC	8405701QC	DAC08ARC/QMLR	5962R8993202V2A	Z08400 (GEN)	5962-3848003MQA
GEM06801QZA	8405701ZA	DAC08XF/QMLR	5962R8993201VFA	Z08400 (GEN)	5962-3848003MXA
GEM06801QZC	8405701ZC	DAC08XQ/QMLR	5962R8993201VEA	Z08400 (GEN)	5962-3848003MYA
GEM06803QQA	7700703QA	DAC08XRC/883C	5962-89932012A	GEM08501QEA	7700401EA
GEM06803QQC	7700703QC	DAC08XRC/QMLR	5962R8993201V2A	GEM08501QEC	7700401EC
GEM06803QZA	7700703ZA	HCS08 (GEN)	5962R9568001V9A	GEM08501QFA	7700401FA
GEM06803QZC	7700703ZC	HCS08 (GEN)	5962R9568001VCC	GEM08501QFC	7700401FC
06817-539 (GEN)	5962-02A0601QXC	HCS08 (GEN)	5962R9568001VXC	ADC0851 (GEN)	5962-9551301QEA
06825-810	5962-99A0703NXB	HCTS08 (GEN)	5962R9568301V9A	Z0853004 (GEN)	5962-8752702QA
OP07A (GEM)	5962R9863901V2A	HCTS08 (GEN)	5962R9568301VCC	Z0853004 (GEN)	5962-8752702YA
OP07AE/883	82036012A	HCTS08 (GEN)	5962R9568301VXC	Z0853006 (GEN)	5962-8752701QA
OP07AH/883	8203601GA	MUX-08AQ	5962-8771601EA	Z0853006 (GEN)	5962-8752701YA
OP07AJ/QMLR	5962R9863901VGA	MUX-08BQ	5962-8771602EA	DAC0854C (GEN)	5962-9551201QRA
OP07AJ8/883	8203601PA	MUX-08BRC	5962-87716022A	ADC0858 (GEN)	5962-9551302QRA
OP07AL/QMLR	5962R9863901VHA	PA08M/883	5962-9072301HXA	Z0858106 (GEN)	5962-87526022A
OP07AZ/QMLR	5962R9863901VPA	Z0800104CMB	8000301XA	Z0858106 (GEN)	5962-8752602VA
OP07E/883	82036022A	Z0800104LMB	8000301UA	Z0858110 (GEN)	5962-87526012A
OP07H/883	8203602GA	Z0800106LMB	8000303UA	Z0858110 (GEN)	5962-8752601VA
OP07J8/883	8203602PA	Z0800106LMB	8000303XA	08785-001 (GEN)	5962-02A0501QXA
PA07M/883	5962-9063801HXA	Z0800110CMB	8000304XA	GEM08801QEA	8002301EA
TL071 (GEN)	81023042A	Z0800110LMB	8000304UA	GEM08801QEC	8002301EC
TL071 (GEN)	8102304GA	Z0800204CMB	8000302QA	GEM08801QFA	8002301FA
TL071 (GEN)	8102304HA	Z0800204LMB	8000302YA	GEM08801QFC	8002301FC
TL071 (GEN)	8102304PA	Z0800210CMB	8000305QA	OP-09 (GEN)	5962-9308301MCA
TL072 (GEN)	8102305CA	Z0800210LMB	8000305YA	PA09M/883	5962-9170001HXA
TL072 (GEN)	8102305GA	Z0800210LMB	8000305YC	GEM09201QEA	8602001EA
TL072MFKB	81023052A	ACS08-02 (GEN)	5962F9565102V9A	GEM09201QEC	8602001EC
TL072MJGB	8102305PA	ACS08-02 (GEN)	5962F9565102VCC	GEM09201QFA	8602001FA
TL072MUB	8102305HA	ACS08-02 (GEN)	5962F9565102VXC	GEM09201QFC	8602001FC
GEM07301Q2A	5962-86702012A	ACTS08 (GEN)	5962F9565702V9A	GEM09202QEA	8602002EA
GEM07301Q2C	5962-86702012C	ACTS08-02 (GEN)	5962F9565702VCC	GEM09202QEC	8602002EC
GEM07301QRA	5962-8670201RA	ACTS08-02 (GEN)	5962F9565702VXC	GEM09202QFA	8602002FA
GEM07301QRC	5962-8670201RC	ADC0802 (GEN)	5962-9096601MRA	GEM09202QFC	8602002FC
GEM07301QSA	5962-8670201SA	ADC08061 (GEN)	5962-9551401QRA	GEM09301EA	5962-8672601EA
GEM07301QSC	5962-8670201SC	TL081 (GEN)	5962-9851502Q2A	GEM09301EC	5962-8672601EC
TL074MFKB	81023062A	TL081 (GEN)	5962-9851502QPA	GEM09301FA	5962-8672601FA
TL074MJB	8102306CA	ADC08D1000 (GEN)	5962-0520601QZC	DAC-HPB-1/883	5962-8953102HXC
TL074MWB	8102306DA	ADC08D1000 (GEN)	5962-0520601VZC	ACS10 (GEN)	5962F9565201VCC
GEM07501Q2A	5962-86723012A	ADC08D1000WGFQV	5962F0520601VZC	ACS10 (GEN)	5962F9565201VXC
GEM07501Q2C	5962-86723012C	ADC08D1520 (GEN)	5962-0721401VZC	ACTS10 (GEN)	5962F9565801VCC
GEM07501QRA	5962-8672301RA	ADC08D1520WGFQV	5962F0721401VZC	ACTS10 (GEN)	5962F9565801VXC
GEM07501QRC	5962-8672301RC	TL082MFKB	5962-9851501Q2A	HCS10 (GEN)	5962R9577701V9A
AC08DIE2V	5962F8761501V9A	TL082MJGB	5962-9851501QPA	HCS10 (GEN)	5962R9577701VCC
ACS08 (GEN)	5962F9565101V9A	ADC08200 (GEN)	5962-0423101QXA	HCS10 (GEN)	5962R9577701VXC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
HCTS10 (GEN)	5962R9576501V9A	LCA100 (GEN)	5962-94B0301M8C	RTAX1000S-LG624V	5962-0422001VYC
HCTS10 (GEN)	5962R9576501VCC	LCA100 (GEN)	5962-94B0301M9C	RTAX1000SL-LG624B	5962-0422005QYC
HCTS10 (GEN)	5962R9576501VXC	LCA100 (GEN)	5962-94B0301MCC	RTAX1000SL-LG624E	5962-0422007QYC
HS0-REF10ARH-Q	5962-96A0102V9A	LCA100 (GEN)	5962-94B0301MMC	RTAX1000SL-LG624V	5962-0422005VYC
HS0-REF10RH-Q	5962-96A0101V9A	LCA100 (GEN)	5962-94B0301MNC	RTAX1000S-1 (GEN)	5962-0422002QZA
HS9-REF10ARH-Q	5962-96A0102VYC	LCA100 (GEN)	5962-94B0301MTC	RTAX1000S-1 (GEN)	5962-0422004QZA
HS9-REF10RH-Q	5962-96A0101VXC	LCA100 (GEN)	5962-94B0301MUC	RTAX1000S-1CGS624B	5962-0422002QUA
LCA10K (GEN)	5962-95B0101M4C	LCA100 (GEN)	5962-94B0301MXC	RTAX1000S-1CGS624E	5962-0422004QUA
LCA10K (GEN)	5962-95B0101M5C	LCA100 (GEN)	5962-94B0301MYC	RTAX1000S-1CGS624V	5962-0422002VUA
LCA10K (GEN)	5962-95B0101M6C	LCA100 (GEN)	5962-94B0301MZC	RTAX1000S-1CQ352B	5962-0422002QXC
LCA10K (GEN)	5962-95B0101M7C	LEA100 (GEN)	5962-94B0303M4C	RTAX1000S-1CQ352E	5962-0422004QXC
LCA10K (GEN)	5962-95B0101M8C	LEA100 (GEN)	5962-94B0303M5C	RTAX1000S-1CQ352V	5962-0422002VXC
LCA10K (GEN)	5962-95B0101M9C	LEA100 (GEN)	5962-94B0303M6C	RTAX1000S-1LG624B	5962-0422002QYC
LCA10K (GEN)	5962-95B0101MCC	LEA100 (GEN)	5962-94B0303M7C	RTAX1000S-1LG624E	5962-0422004QYC
LCA10K (GEN)	5962-95B0101MMC	LEA100 (GEN)	5962-94B0303M8C	RTAX1000S-1LG624V	5962-0422002VYC
LCA10K (GEN)	5962-95B0101MNC	LEA100 (GEN)	5962-94B0303M9C	RTAX1000SL-1CGS624	5962-0422006QUA
LCA10K (GEN)	5962-95B0101MTC	LEA100 (GEN)	5962-94B0303MCC	RTAX1000SL-1CGS624	5962-0422008QUA
LCA10K (GEN)	5962-95B0101MUC	LEA100 (GEN)	5962-94B0303MMC	RTAX1000SL-1CGS624	5962-0422006VUA
LCA10K (GEN)	5962-95B0101MXC	LEA100 (GEN)	5962-94B0303MNC	RTAX1000SL-1CQ352B	5962-0422006QXC
LCA10K (GEN)	5962-95B0101MYC	LEA100 (GEN)	5962-94B0303MTC	RTAX1000SL-1CQ352E	5962-0422008QXC
LCA10K (GEN)	5962-95B0101MZC	LEA100 (GEN)	5962-94B0303MUC	RTAX1000SL-1CQ352V	5962-0422006VXC
LM10H/883	5962-8760401GA	LEA100 (GEN)	5962-94B0303MXC	RTAX1000SL-1LG624B	5962-0422006QYC
PA10M/883	5962-9082801HXA	LEA100 (GEN)	5962-94B0303MYC	RTAX1000SL-1LG624E	5962-0422008QYC
REF10A (GEN)	5962-8947901GA	LEA100 (GEN)	5962-94B0303MZC	RTAX1000SL-1LG624V	5962-0422006VYC
REF10A (GEN)	5962-8947901V2A	LMF100A (GEN)	5962-9153301M2A	XQV1000-4 (GEN)	5962-9957401QXA
REF10A (GEN)	5962-8947901VGA	LMF100A (GEN)	5962-9153301MRA	XQV1000-4BG560	5962-9957401NUA
REF10A (GEN)	5962-8947901VHA	RHF100K01V	5962F1422501VXC	XQVR1000-4 (GEN)	5962R9957401QXA
REF10A (GEN)	5962-8947901VPA	RHF100K02V	5962F1422501V9A	XQVR1000-4BG560	5962R9957401NUA
REF10A (GEN)	5962R8947901V2A	RHF100K02V	5962F1422501VXA	LT1001A (GEN)	5962-8773803GA
REF10A (GEN)	5962R8947901VPA	SCANPSC100F/Q3A	5962-9475001Q3A	LT1001A (GEN)	5962-8773803PA
REF10AJ/QMLR	5962R8947901VGA	SCANPSC100F/QXA	5962-9475001QXA	100H1042 (GEN)	5962-9207502MYA
REF10AL/QMLL	5962L8947903VHA	SCANPSC100F/QYA	5962-9475001QYA	ACS10DMSR-02	5962F9565202VCC
REF10AL/QMLR	5962R8947901VHA	UT100E/R (GEN)	5962H96B0208Q*A	ACS10HMSR-02	5962F9565202V9A
REF10B (GEN)	5962-8947902GA	UT100E/R (GEN)	5962H96B0208V*A	ACS10KMSR-02	5962F9565202VXC
RHFAC10D03Q	5962F8761001CC	UT100E/R_QCH	5962H97B0408QXC	ACTS10 (GEN)	5962F9565802V9A
RHFAC10D03V	5962F8761001VCC	UT100E/R_VCH	5962H97B0408VXC	ACTS10 (GEN)	5962F9565802VCC
RHFAC10D04Q	5962F8761001CA	RTAX1000S (GEN)	5962-0422001QZA	ACTS10 (GEN)	5962F9565802VXC
RHFAC10D04V	5962F8761001VCA	RTAX1000S (GEN)	5962-0422003QZA	MTLT1002AQD	5962-8771501CA
RHFAC10K01Q	5962F8761001XC	RTAX1000S-CGS624B	5962-0422001QUA	LT1003 (GEN)	5962-8987301YA
RHFAC10K01V	5962F8761001VXC	RTAX1000S-CGS624E	5962-0422003QUA	100301 (GEN)	5962-9152801VXA
RHFAC10K02Q	5962F8761001XA	RTAX1000S-CGS624V	5962-0422001VUA	100301 (GEN)	5962-9152801VYA
RHFAC10K02V	5962F8761001VXA	RTAX1000S-CQ352B	5962-0422001QXC	100301DMQB	5962-9152801MXA
RHFAC10K03V	5962F8761001VYC	RTAX1000S-CQ352E	5962-0422003QXC	100301FMQB	5962-9152801MYA
RHFAC10K04V	5962F8761001VYA	RTAX1000S-CQ352V	5962-0422001VXC	100302 (GEN)	5962-9152802VXA
SMP-10A (GEN)	5962-8954103CA	RTAX1000SL-CGS624B	5962-0422005QUA	100302 (GEN)	5962-9152802VYA
SMP-10B (GEN)	5962-89541042A	RTAX1000SL-CGS624E	5962-0422007QUA	100302DMQB	5962-9152802MXA
SMP-10B (GEN)	5962-8954104CA	RTAX1000SL-CGS624V	5962-0422005VUA	100302FMQB	5962-9152802MYA
BXM-100 (GEN)	5962-98A1601VXA	RTAX1000SL-CQ352B	5962-0422005QXC	100304 (GEN)	5962-9153701VXA
LCA100 (GEN)	5962-94B0301M4C	RTAX1000SL-CQ352E	5962-0422007QXC	100304 (GEN)	5962-9153701VYA
LCA100 (GEN)	5962-94B0301M5C	RTAX1000SL-CQ352V	5962-0422005VXC	100304DMQB	5962-9153701MXA
LCA100 (GEN)	5962-94B0301M6C	RTAX1000S-LG624B	5962-0422001QYC	100304FMQB	5962-9153701MYA
LCA100 (GEN)	5962-94B0301M7C	RTAX1000S-LG624E	5962-0422003QYC	100307 (GEN)	5962-9459001VXA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
100307 (GEN)	5962-9459001VYA	100E416 (GEN)	5962-9309802MYA	INA101 (GEN)	5962-8778002IA
100307DMQB	5962-9459001MXA	MTLT1004-2.5QH	5962-8859702XA	LM101A (GEN)	5962-9951501VGA
100307FMQB	5962-9459001MYA	100E501 (GEN)	5962-9309902MYA	LM101A (GEN)	5962-9951501VHA
100313DMQB	5962-9673201QXA	100E504 (GEN)	5962-9310002MYA	LM101A (GEN)	5962-9951501VPA
100313FMQB	5962-9673201QYA	100E507 (GEN)	5962-9310102MYA	LM101A (GEN)	5962L9951501VHA
100314 (GEN)	5962-9162901VXA	100E511 (GEN)	5962-9232702MYA	LM101A (GEN)	5962R9951501QGA
100314 (GEN)	5962-9162901VYA	100E516 (GEN)	5962-9234302MYA	LM101A (GEN)	5962R9951501QHA
100314DMQB	5962-9162901MXA	100E516 (GEN)	5962-9234302MZA	LM101A (GEN)	5962R9951501QPA
100314FMQB	5962-9162901MYA	100E531 (GEN)	5962-9310202MYA	LM101A (GEN)	5962R9951501VGA
100315 (GEN)	5962-9469601VFA	100E551 (GEN)	5962-9310402MYA	LM101A (GEN)	5962R9951501VHA
100315FMQB	5962-9469601MFA	MTLT1006AQD8	5962-8993302PA	LM101A (GEN)	5962R9951501VPA
100324/VXA	5962-9153001VXA	MTLT1006AQH	5962-8993302GA	LM101AHLQMLV	5962L9951501VGA
100324/VYA	5962-9153001VYA	MTLT1006QD8	5962-8993301PA	LM101AJLQMLV	5962L9951501VPA
100324DMQB	5962-9153001MXA	MTLT1006QH	5962-8993301GA	MTLM101AD8	5962-9951501QPA
100324FMQB	5962-9153001MYA	ADC10061 (GEN)	5962-9232901QRA	MTLM101AQH	5962-9951501QGA
100325 (GEN)	5962-9153101VXA	1006148 (GEN)	5962-9082003HXC	1010A (GEN)	5962-9096401MXA
100325 (GEN)	5962-9153101VYA	1006148A (GEN)	5962-9082004HXC	1010A (GEN)	5962-9096401MYA
100325 (GEN)	5962F9153101VYA	ADC10062 (GEN)	5962-9232902QJA	1010A (GEN)	5962-9096401MZA
100325DMQB	5962-9153101MXA	1006-341H/2 (GEN)	5962-9213803HXC	A1010B-PG84B	5962-9096403MXA
100325FMQB	5962-9153101MYA	1006-341S/2 (GEN)	5962-9213804HXC	A1010B-PG84B	5962-9096403MXC
100329DMQB	5962-9206601MXA	1006-341VR/2 (GEN)	5962-9213801HXC	LT1010H	5962-8856201XA
100329FMQB	5962-9206601MYA	1006-341VS/2 (GEN)	5962-9213802HXC	LT1010H	5962-8856201XC
100331 (GEN)	5962-9153601VXA	ADC10064 (GEN)	5962-9232903QXA	LT1010H	5962-8856201YA
100331 (GEN)	5962-9153601VYA	MTLT1007AQD8	5962-8757801PA	LT1010H	5962-8856201YC
100331 (GEN)	5962F9153601VYA	MTLT1007AQH	5962-8757801GA	MTLT1010QH	5962-8856201XA
100331DMQB	5962-9153601MXA	MTLT1007AQLS	5962-87578012A	MTLT1010QK	5962-8856201YA
100331FMQB	5962-9153601MYA	MTLT1007QD8	5962-8757802PA	TGC1010 (GEN)	5962-94B0501Q4A
100336 (GEN)	5962-9230601VXA	MTLT1007QH	5962-8757802GA	TGC1010 (GEN)	5962-94B0501Q5A
100336 (GEN)	5962-9230601VYA	MTLT1007QLS	5962-87578022A	TGC1010 (GEN)	5962-94B0501Q6A
100336DMQB	5962-9230601MXA	IS0-1009EH-Q	5962F0052302V9A	TGC1010 (GEN)	5962-94B0501QMA
100336FMQB	5962-9230601MYA	IS-1009RH (GEN)	5962F0052301QXC	TGC1010 (GEN)	5962-94B0501QNA
100341 (GEN)	5962-9459101VXA	IS-1009RH (GEN)	5962F0052301QYC	TGC1010 (GEN)	5962-94B0501QTA
100341 (GEN)	5962-9459101VYA	IS-1009RH (GEN)	5962F0052301V9A	TGC1010 (GEN)	5962-94B0501QUA
100341 (GEN)	5962F9459101VYA	IS-1009RH (GEN)	5962F0052301VXC	TGC1010 (GEN)	5962-94B0501QXA
100341DMQB	5962-9459101MXA	IS-1009RH (GEN)	5962F0052301VYC	TGC1010 (GEN)	5962-94B0501QYA
100341FMQB	5962-9459101MYA	IS2-1009EH-Q	5962F0052302VXC	TGC1010 (GEN)	5962-94B0501QZA
100351 (GEN)	5962-9457901VXA	ISYE-1009EH-Q	5962F0052302VYC	1010A-1 (GEN)	5962-9096402MXA
100351 (GEN)	5962-9457901VYA	LMA1009-55 (GEN)	5962-9099604MUA	A1010B-1PG84B	5962-9096404MXA
100351 (GEN)	5962R9457901VYA	LMA1009-55 (GEN)	5962-9099604MXA	A1010B-1PG84B	5962-9096404MXC
100351DMQB	5962-9457901MXA	LMA1009-65 (GEN)	5962-9099603MUA	10H1042 (GEN)	5962-9207501MYA
100351FMQB	5962-9457901MYA	LMA1009-65 (GEN)	5962-9099603MXA	AS10H1042Q28/883C	5962-9207501MXA
100355 (GEN)	5962-9165401VXA	LMA1009-95 (GEN)	5962-9099602MUA	1010-55 (GEN)	5962-8873301UA
100355 (GEN)	5962-9165401VYA	LMA1009-95 (GEN)	5962-9099602MXA	1010-55 (GEN)	5962-8873301XA
100355DMQB	5962-9165401MXA	LT1009MH/883	5962-8961001XA	1010-55 (GEN)	5962-8873301ZA
100355FMQB	5962-9165401MYA	MTLT1009QH	5962-8961001XA	1010-65 (GEN)	5962-8873302UA
100363DMQB	5962-9165501MXA	RH1009DICE	5962R8961002V9A	1010-65 (GEN)	5962-8873302XA
100363FMQB	5962-9165501MYA	RH1009MH	5962R8961002VXC	1010-65 (GEN)	5962-8873302ZA
100364 (GEN)	5962-9459201VXA	RH1009MW	5962R8961002VHA	1010-75 (GEN)	5962-8873303UA
100364 (GEN)	5962-9459201VYA	RHF1009AD2V	5962F1422201V9A	1010-75 (GEN)	5962-8873303XC
100364DMQB	5962-9459201MXA	RHF1009AK01V	5962F1422201VXC	1010-75 (GEN)	5962-8873303ZA
100364FMQB	5962-9459201MYA	RHF1009AK02V	5962F1422201VXA	MTLT1011AQD8	5962-9062701PA
MTLT1004-1.2QH	5962-8859701XA	INA101 (GEN)	5962-8778001CA	MTLT1011AQH	5962-9062701GA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MTLT1011QD8	5962-9062702PA	PLSI1016 (GEN)	5962-9476301MXC	A1020B-PG84B	5962-9096503MUC
MTLT1011QH	5962-9062702GA	TGC1016 (GEN)	5962-94B0502Q4A	MTLT1020QD	5962-9084101MCA
10C11-20 (GEN)	5962-9679303M3A	TGC1016 (GEN)	5962-94B0502Q5A	RH1020 (GEN)	5962F9096505Q9B
10C11-20 (GEN)	5962-9679303MLA	TGC1016 (GEN)	5962-94B0502Q6A	RH1020 (GEN)	5962F9096505QTC
10C11-25 (GEN)	5962-9679302M3A	TGC1016 (GEN)	5962-94B0502QMA	AD10200B (GEN)	5962-9961002HXA
10C11-25 (GEN)	5962-9679302MLA	TGC1016 (GEN)	5962-94B0502QNA	AD10200T (GEN)	5962-9961001HXA
10C11-30 (GEN)	5962-9679301M3A	TGC1016 (GEN)	5962-94B0502QTA	AD10200TZ/QMLH	5962-9961003HXA
10C11-30 (GEN)	5962-9679301MLA	TGC1016 (GEN)	5962-94B0502QUA	1020-1 (GEN)	5962-9096504MMC
MTLT1012AQD8	5962-9084202MPA	TGC1016 (GEN)	5962-94B0502QXA	1020A-1 (GEN)	5962-9096502MMC
MTLT1012AQH	5962-9084202MGA	TGC1016 (GEN)	5962-94B0502QYA	1020A-1 (GEN)	5962-9096502MTC
MTLT1012QD8	5962-9084201MPA	TGC1016 (GEN)	5962-94B0502QZA	1020A-1 (GEN)	5962-9096502MUC
MTLT1012QH	5962-9084201MGA	1016-60LH/883	5962-9476201MXC	1020A-1 (GEN)	5962-9096502MXA
TDC1012 (GEN)	5962-90596013A	MTLT1016QD8	5962-8684501PA	1020A-1 (GEN)	5962-9096502MYA
TDC1012 (GEN)	5962-9059601JA	MTLT1017QD8	5962-8950401PA	1020A-1 (GEN)	5962-9096502MZA
TDC1012 (GEN)	5962-90596023A	MTLT1017QH	5962-8950401GA	A1020B-1CQ84B	5962-9096504MTA
TDC1012 (GEN)	5962-9059602JA	1018A (GEN)	5962-9174801MJA	A1020B-1CQ84B	5962-9096504MTC
LT1013AMFKB	5962-88760012A	1018B (GEN)	5962-9174802MJA	A1020B-1PG84B	5962-9096504MUA
LT1013AMJGB	5962-8876001PA	MTLT1018QD8	5962-8950402PA	A1020B-1PG84B	5962-9096504MUC
LT1013MFKB	5962-88760022A	MTLT1018QH	5962-8950402GA	LT1021BMH-10/883B	5962-8860001GA
LT1013MJGB	5962-8876002PA	EV10AS180AMGC-V	5962-1522301VZF	LT1021CM-10 (GEN)	5962-8860002GA
MTLT1013AQD8	5962-8876001PA	EV10AS180AMGS-V	5962-1522301VYF	LT1021DM-10 (GEN)	5962-8860003GA
MTLT1013AQH	5962-8876001GA	EV10AS180AMLG-V	5962-1522301VXC	RH1021BMH-10	5962R8860001VGA
MTLT1013AQH	5962-8876001XA	TGC1019 (GEN)	5962-94B0503Q4A	RH1021C-10 DICE	5962R8860002V9A
MTLT1013AQLS	5962-88760012A	TGC1019 (GEN)	5962-94B0503Q5A	RH1021CMH-10	5962R8860002VGA
MTLT1013QD8	5962-8876002PA	TGC1019 (GEN)	5962-94B0503Q6A	RH1021CMW-10	5962R8860002VHA
MTLT1013QH	5962-8876002GA	TGC1019 (GEN)	5962-94B0503QMA	RH1021DM-10 (GEN)	5962R8860003VGA
MTLT1013QH	5962-8876002XA	TGC1019 (GEN)	5962-94B0503QNA	LT1021BMH-5/883B	5962-8876201GA
MTLT1013QLS	5962-88760022A	TGC1019 (GEN)	5962-94B0503QTA	LT1021CMH-5/883B	5962-8876202GA
RH1013 (GEN)	5962R8876003VGA	TGC1019 (GEN)	5962-94B0503QUA	LT1021DM-5 (GEN)	5962-8876203GA
RH1013 (GEN)	5962R8876003VPA	TGC1019 (GEN)	5962-94B0503QXA	RH1021-5 DICE	5962R8876202V9A
RH1013DICE	5962R8876003V9A	TGC1019 (GEN)	5962-94B0503QYA	RH1021BMH-5	5962R8876201VGA
RH1013MW	5962R8876003VHA	TGC1019 (GEN)	5962-94B0503QZA	RH1021CMH-5	5962R8876202VGA
EV10DS130AMGC-V	5962-1522101VZF	MTLT1019AQH-10	5962-9059501GA	RH1021CMW-5	5962R8876202VHA
EV10DS130AMGS-V	5962-1522101VYF	MTLT1019QH-10	5962-9059505GA	RH1021DM-5 (GEN)	5962R8876203VGA
EV10DS130AMLG-V	5962-1522101VXC	MTLT1019AQH-2.5	5962-9059504GA	LT1021BM-7 (GEN)	5962-8864701GA
LT1014 (GEN)	5962-8967702DA	MTLT1019QH-2.5	5962-9059508GA	MTLT1021DQH-7 (GEN)	5962-8864702GA
LT1014 (GEN)	5962-8967702XA	MTLT1019AQH-4.5	5962-9059503GA	MTLT1022AQH	5962-8962201GA
LT1014A (GEN)	5962-8967701XA	MTLT1019QH-4.5	5962-9059507GA	MTLT1022QH	5962-8962202GA
LT1014AMFKB	5962-89677012A	MTLT1019AQH-5	5962-9059502GA	P4C1023-100C4MB	5962-8959823MZA
LT1014AMJB	5962-8967701CA	MTLT1019QH-5	5962-9059506GA	P4C1023-100L1MB	5962-8959823MUA
LT1014MFKB	5962-89677022A	BT102 (GEN)	5962-8965301LA	P4C1023L-100C4MB	5962-8959806MZA
LT1014MJB	5962-8967702CA	1020A (GEN)	5962-9096501MMC	P4C1023L-100L1MB	5962-8959806MUA
MG1014 (GEN)	5962-00B0108Q*C	1020A (GEN)	5962-9096501MTC	P4C1023-120C4MB	5962-8959822MZA
MG1014 (GEN)	5962-00B0108Q9A	1020A (GEN)	5962-9096501MUC	P4C1023-120L1MB	5962-8959822MUA
MG1014E (GEN)	5962-00B0101Q*C	1020A (GEN)	5962-9096501MXA	P4C1023L-120C4MB	5962-8959805MZA
MG1014E (GEN)	5962-00B0101Q9A	1020A (GEN)	5962-9096501MYA	P4C1023L-120L1MB	5962-8959805MUA
MG1014E (GEN)	5962-00B0101V*C	1020A (GEN)	5962-9096501MZA	P4C1023-20C4MB	5962-8959839MZA
MG1014E (GEN)	5962-00B0101V9A	1020B (GEN)	5962-9096503MMC	P4C1023-20L1MB	5962-8959839MUA
RH1014 (GEN)	5962R8967703VCA	1020B (GEN)	5962-9096503Q9A	P4C1023L-20C4MB	5962-8959840MZA
RH1014MW	5962R8967703VDA	A1020B-CQ84B	5962-9096503MTA	P4C1023L-20L1MB	5962-8959840MUA
LT1016MH/883	5962-8684501IA	A1020B-CQ84B	5962-9096503MTC	P4C1023-25C4MB	5962-8959829MZA
MTLT1016QH	5962-8684501IA	A1020B-PG84B	5962-9096503MUA	P4C1023-25L1MB	5962-8959829MUA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
P4C1023L-25C4MB	5962-8959812MZA	P4C1024-20C4MB	5962-8959838MZA	P4C1024L-45L1MB	5962-8959818MUA
P4C1023L-25L1MB	5962-8959812MUA	P4C1024-20C6MB	5962-8959838MXA	P4C1024L-45LMB	5962-8959818MMA
P4C1023-35C4MB	5962-8959828MZA	P4C1024-20CJMB	5962-8959838MYA	P4C1024-55C4MB	5962-8959834MZA
P4C1023-35L1MB	5962-8959828MUA	P4C1024-20FSMB	5962-8959838MTA	P4C1024-55C6MB	5962-8959834MXA
P4C1023L-35C4MB	5962-8959811MZA	P4C1024-20L1MB	5962-8959838MUA	P4C1024-55CJMB	5962-8959834MYA
P4C1023L-35L1MB	5962-8959811MUA	P4C1024-20LMB	5962-8959838MMA	P4C1024-55FSMB	5962-8959834MTA
P4C1023-45C4MB	5962-8959827MZA	P4C1024L-20C4MB	5962-8959821MZA	P4C1024-55L1MB	5962-8959834MUA
P4C1023-45L1MB	5962-8959827MUA	P4C1024L-20C6MB	5962-8959821MXA	P4C1024-55LMB	5962-8959834MMA
P4C1023L-45C4MB	5962-8959810MZA	P4C1024L-20CJMB	5962-8959821MYA	P4C1024L-55C4MB	5962-8959817MZA
P4C1023L-45L1MB	5962-8959810MUA	P4C1024L-20FSMB	5962-8959821MTA	P4C1024L-55C6MB	5962-8959817MXA
P4C1023-55C4MB	5962-8959826MZA	P4C1024L-20L1MB	5962-8959821MUA	P4C1024L-55CJMB	5962-8959817MYA
P4C1023-55L1MB	5962-8959826MUA	P4C1024L-20LMB	5962-8959821MMA	P4C1024L-55FSMB	5962-8959817MTA
P4C1023L-55C4MB	5962-8959809MZA	P4C1024-25C4MB	5962-8959837MZA	P4C1024L-55L1MB	5962-8959817MUA
P4C1023L-55L1MB	5962-8959809MUA	P4C1024-25C6MB	5962-8959837MXA	P4C1024L-55LMB	5962-8959817MMA
P4C1023-70C4MB	5962-8959825MZA	P4C1024-25CJMB	5962-8959837MYA	1024-60LH/883	5962-9476101MXC
P4C1023-70C4MB	5962-8959843QZA	P4C1024-25FSMB	5962-8959837MTA	PLSI1024 (GEN)	5962-9476001MXC
P4C1023-70L1MB	5962-8959825MUA	P4C1024-25L1MB	5962-8959837MUA	1024-C672H/2 (GEN)	5962-9070705HXC
P4C1023-70L1MB	5962-8959843QUA	P4C1024-25LMB	5962-8959837MMA	1024-C673H/2 (GEN)	5962-9070706HXC
P4C1023L-70C4MB	5962-8959808MZA	P4C1024L-25C4MB	5962-8959820MZA	1024-C674H/2 (GEN)	5962-9070707HXC
P4C1023L-70C4MB	5962-8959842QZA	P4C1024L-25C6MB	5962-8959820MXA	1024-C675H/2 (GEN)	5962-9070708HXC
P4C1023L-70L1MB	5962-8959808MUA	P4C1024L-25CJMB	5962-8959820MYA	P4C1024-70C4MB	5962-8959833MZA
P4C1023L-70L1MB	5962-8959842QUA	P4C1024L-25FSMB	5962-8959820MTA	P4C1024-70C6MB	5962-8959833MXA
P4C1023-85C4MB	5962-8959824MZA	P4C1024L-25L1MB	5962-8959820MUA	P4C1024-70CJMB	5962-8959833MYA
P4C1023-85L1MB	5962-8959824MUA	P4C1024L-25LMB	5962-8959820MMA	P4C1024-70FSMB	5962-8959833MTA
P4C1023L-85C4MB	5962-8959807MZA	1024K32-100 (GEN)	5962-9461302HXA	P4C1024-70L1MB	5962-8959833MUA
P4C1023L-85L1MB	5962-8959807MUA	1024K32-100 (GEN)	5962-9461302HYA	P4C1024-70LMB	5962-8959833MMA
LT1024A (GEN)	5962-9955401QCA	1024K32-100 (GEN)	5962-9461302HZA	P4C1024L-70C4MB	5962-8959816MZA
P4C1024-100C4MB	5962-8959831MZA	1024K32-150 (GEN)	5962-9461301HXA	P4C1024L-70C6MB	5962-8959816MXA
P4C1024-100C6MB	5962-8959831MXA	1024K32-150 (GEN)	5962-9461301HYA	P4C1024L-70CJMB	5962-8959816MYA
P4C1024-100CJMB	5962-8959831MYA	1024K32-150 (GEN)	5962-9461301HZA	P4C1024L-70FSMB	5962-8959816MTA
P4C1024-100FSMB	5962-8959831MTA	P4C1024-35C4MB	5962-8959836MZA	P4C1024L-70L1MB	5962-8959816MUA
P4C1024-100L1MB	5962-8959831MUA	P4C1024-35C6MB	5962-8959836MXA	P4C1024L-70LMB	5962-8959816MMA
P4C1024-100LMB	5962-8959831MMA	P4C1024-35CJMB	5962-8959836MYA	P4C1024-85C4MB	5962-8959832MZA
P4C1024L-100C4MB	5962-8959814MZA	P4C1024-35FSMB	5962-8959836MTA	P4C1024-85C6MB	5962-8959832MXA
P4C1024L-100C6MB	5962-8959814MXA	P4C1024-35L1MB	5962-8959836MUA	P4C1024-85CJMB	5962-8959832MYA
P4C1024L-100CJMB	5962-8959814MYA	P4C1024-35LMB	5962-8959836MMA	P4C1024-85FSMB	5962-8959832MTA
P4C1024L-100FSMB	5962-8959814MTA	P4C1024L-35C4MB	5962-8959819MZA	P4C1024-85L1MB	5962-8959832MUA
P4C1024L-100L1MB	5962-8959814MUA	P4C1024L-35C6MB	5962-8959819MXA	P4C1024-85LMB	5962-8959832MMA
P4C1024L-100LMB	5962-8959814MMA	P4C1024L-35CJMB	5962-8959819MYA	P4C1024L-85C4MB	5962-8959815MZA
P4C1024-120C4MB	5962-8959830MZA	P4C1024L-35FSMB	5962-8959819MTA	P4C1024L-85C6MB	5962-8959815MXA
P4C1024-120C6MB	5962-8959830MXA	P4C1024L-35L1MB	5962-8959819MUA	P4C1024L-85CJMB	5962-8959815MYA
P4C1024-120CJMB	5962-8959830MYA	P4C1024L-35LMB	5962-8959819MMA	P4C1024L-85FSMB	5962-8959815MTA
P4C1024-120FSMB	5962-8959830MTA	P4C1024-45C4MB	5962-8959835MZA	P4C1024L-85L1MB	5962-8959815MUA
P4C1024-120L1MB	5962-8959830MUA	P4C1024-45C6MB	5962-8959835MXA	P4C1024L-85LMB	5962-8959815MMA
P4C1024-120LMB	5962-8959830MMA	P4C1024-45CJMB	5962-8959835MYA	AD10265 (GEN)	5962-9865901HXA
P4C1024L-120C4MB	5962-8959813MZA	P4C1024-45FSMB	5962-8959835MTA	LT1028 (GEN)	5962-8862201GA
P4C1024L-120C6MB	5962-8959813MXA	P4C1024-45L1MB	5962-8959835MUA	LT1028A (GEN)	5962-8862202GA
P4C1024L-120CJMB	5962-8959813MYA	P4C1024-45LMB	5962-8959835MMA	MTLT1028AQH	5962-8862202XA
P4C1024L-120FSMB	5962-8959813MTA	P4C1024L-45C4MB	5962-8959818MZA	MTLT1028QH	5962-8862201XA
P4C1024L-120L1MB	5962-8959813MUA	P4C1024L-45C6MB	5962-8959818MXA	MTLT1028AQD8	5962-8862202PA
P4C1024L-120LMB	5962-8959813MMA	P4C1024L-45CJMB	5962-8959818MYA	MTLT1028QD8	5962-8862201PA
AD10242TZ/883B	5962-9581501HXA	P4C1024L-45FSMB	5962-8959818MTA	LT1029A (GEN)	5962-9051901XA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MTLT1029QH	5962-9051902XA	LT1039 (GEN)	5962-8875101VA	AS10H501C16/883C	5962-8750301EA
TGC1030 (GEN)	5962-94B0504Q4A	LT1039 (GEN)	5962-8875102EA	AS10H501EC20/883C	5962-87503012A
TGC1030 (GEN)	5962-94B0504Q5A	MYXLT1039C18/883	5962-8875103VA	AS10H501F16/883C	5962-8750301XA
TGC1030 (GEN)	5962-94B0504Q6A	LM104H/883	5962-8760501IA	10H502 (GEN)	5962-8755701FA
TGC1030 (GEN)	5962-94B0504QMA	LTC1041 (GEN)	5962-9470901MPA	AS10H502C16/883C	5962-8755701EA
TGC1030 (GEN)	5962-94B0504QNA	10E416 (GEN)	5962-9309801MYA	AS10H502EC20/883C	5962-87557012A
TGC1030 (GEN)	5962-94B0504QTA	LTC1042 (GEN)	5962-9161901MPA	AS10H502F16/883C	5962-8755701XA
TGC1030 (GEN)	5962-94B0504QUA	MG1042 (GEN)	5962-00B0109Q*C	10H503 (GEN)	5962-87565012A
TGC1030 (GEN)	5962-94B0504QXA	MG1042 (GEN)	5962-00B0109Q9A	10H503 (GEN)	5962-8756501EA
TGC1030 (GEN)	5962-94B0504QYA	MG1042E (GEN)	5962-00B0102Q*C	10H503 (GEN)	5962-8756501FA
TGC1030 (GEN)	5962-94B0504QZA	MG1042E (GEN)	5962-00B0102Q9A	10E504 (GEN)	5962-9310001MYA
10E301 (GEN)	5962-9057301LA	MG1042E (GEN)	5962-00B0102V*C	10H504 (GEN)	5962-8750401FA
10E301 (GEN)	5962-9057301XA	MG1042E (GEN)	5962-00B0102V9A	AS10H504C16/883C	5962-8750401EA
10E302 (GEN)	5962-9057302LA	MAX1044 (GEN)	5962-3870701MGC	AS10H504EC20/883C	5962-87504012A
10E302 (GEN)	5962-9057302XA	MAX1044 (GEN)	5962-3870701MPA	AS10H504F16/883C	5962-8750401XA
LT1031-BM (GEN)	5962-8980201XA	TDC1044 (GEN)	5962-8982801EA	10H505 (GEN)	5962-87507012A
LT1031-CMH/883	5962-8980202XA	LTC1045MJ/883	5962-9054501RA	10H505 (GEN)	5962-8750701EA
LT1031-DM (GEN)	5962-8980203XA	TGC1046 (GEN)	5962-94B0506Q4A	10H505 (GEN)	5962-8750701FA
LM103H-1.8 (GEN)	7702801XA	TGC1046 (GEN)	5962-94B0506Q5A	10H506 (GEN)	5962-87564012A
LT1032 (GEN)	5962-8944001CA	TGC1046 (GEN)	5962-94B0506Q6A	10H506 (GEN)	5962-8756401EA
LM103H-2.0 (GEN)	7702802XA	TGC1046 (GEN)	5962-94B0506QMA	10H506 (GEN)	5962-8756401FA
LM103H-2.2 (GEN)	7702803XA	TGC1046 (GEN)	5962-94B0506QNA	10E507 (GEN)	5962-9310101MYA
LM103H-2.4 (GEN)	7702804XA	TGC1046 (GEN)	5962-94B0506QTA	10H507 (GEN)	5962-8772701FA
1032-60LG/883	5962-9308501MXC	TGC1046 (GEN)	5962-94B0506QUA	AS10H507C16/883C	5962-8772701EA
PLSI1032 (GEN)	5962-9466801MXC	TGC1046 (GEN)	5962-94B0506QXA	AS10H507EC20/883C	5962-87727012A
LM103H-2.7 (GEN)	7702805XA	TGC1046 (GEN)	5962-94B0506QYA	10H509 (GEN)	5962-89856012A
LT1033 (GEN)	5962P8774101UA	TGC1046 (GEN)	5962-94B0506QZA	10H509 (GEN)	5962-8985601EA
LT-LT1033-003-TO-01	5962-8774101UA	1046-341H/2 (GEN)	5962-9156002HXC	10H509 (GEN)	5962-8985601FA
MTLT1033QK	5962-8774101XA	1046-341S/2 (GEN)	5962-9156003HXC	LTC1051 (GEN)	5962-9460001MGA
MTLT1033QP	5962-8774101UA	1046-341V/2 (GEN)	5962-9156001HXC	LTC1051 (GEN)	5962-9460001MPA
MTLT1033QU	5962-8774101YA	AD10465 (GEN)	5962-9961601HXA	LTC1051 (GEN)	5962-9460001MXA
LM103H-3.0/883	7702806XA	TDC1046B8V	5962-8778601VA	LTC1051A (GEN)	5962-9460002MGA
LM103H-3.3/883	7702807XA	10E474L-5 (GEN)	5962-9151802MXA	LTC1051A (GEN)	5962-9460002MPA
LM103H-3.6 (GEN)	7702808XA	10E474L-5 (GEN)	5962-9151802MYA	LTC1051A (GEN)	5962-9460002MXA
LM103H-3.9 (GEN)	7702809XA	10E474L-5 (GEN)	5962-9151802MZA	DSC-10510-113	5962-9076001HXC
LM103H-4.3 (GEN)	7702810XA	10E474L-7 (GEN)	5962-9151801MXA	DSC-10510-114	5962-9076002HXC
LM103H-4.7 (GEN)	7702811XA	10E474L-7 (GEN)	5962-9151801MYA	DSC-10510-143	5962-9076001HXA
LM103H-5.1 (GEN)	7702812XA	10E474L-7 (GEN)	5962-9151801MZA	DSC-10510-144	5962-9076002HXA
LM103H-5.6 (GEN)	7702813XA	TDC1048 (GEN)	5962-87600013A	10E511 (GEN)	5962-9232701MYA
TGC1036 (GEN)	5962-94B0505Q4A	1048C-50LG/883	5962-9558701MXC	10H513/2A	5962-87558012A
TGC1036 (GEN)	5962-94B0505Q5A	PLSI1048 (GEN)	5962-9558801MXC	10H513/EA	5962-8755801EA
TGC1036 (GEN)	5962-94B0505Q6A	TDC1048 (GEN)	5962-8760001XA	10H513/FA	5962-8755801FA
TGC1036 (GEN)	5962-94B0505QMA	TDC1049/TC	5962-8853201TC	10H515 (GEN)	5962-87501012A
TGC1036 (GEN)	5962-94B0505QNA	TDC1049L1V	5962-8853201UA	10H515 (GEN)	5962-8750101FA
TGC1036 (GEN)	5962-94B0505QTA	TDC1049J0V	5962-8853201XA	AS10H515C16/883C	5962-8750101EA
TGC1036 (GEN)	5962-94B0505QUA	TDC1049C1V	5962-8853201ZA	AS10H515F16/883C	5962-8750101XA
TGC1036 (GEN)	5962-94B0505QXA	TDC1049J3V	5962-8853201YA	10E516 (GEN)	5962-9234301MYA
TGC1036 (GEN)	5962-94B0505QYA	1049DV33-12 (GEN)	5962F1123501QXC	10E516 (GEN)	5962-9234301MZA
TGC1036 (GEN)	5962-94B0505QZA	CYRS1049DV33-12FZ	5962F1123501VXC	10H516 (GEN)	5962-8750201FA
LT1037A (GEN)	5962-88567012A	LM105 (GEN)	5962-8958801GA	AS10H516C16/883C	5962-8750201EA
LT1037A (GEN)	5962-8856701GA	10E501 (GEN)	5962-9309901MYA	AS10H516EC20/883C	5962-87502012A
LT1037A (GEN)	5962-8856701PA	10H501 (GEN)	5962-8750301FA	AS10H516F16/883C	5962-8750201XA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SL10516/B2A	78009012A	SL10541/B2C	5962-88557012C	SL10564/BFA	5962-8852701FA
SL10516/B2C	78009012C	SL10541/BEA	5962-8855701EA	10565 (GEN)	5962-9056101M2A
SL10516/BEA	7800901EA	SL10541/BFA	5962-8855701FA	10565 (GEN)	5962-9056101MEA
SL10516/BFA	7800901FA	MTLT1054QD8	5962-8956201PA	10565 (GEN)	5962-9056101MFA
10H518 (GEN)	5962-87559012A	LT1055 (GEN)	5962-8997603GA	1056775 (GEN)	5962-9082005HXC
10H518 (GEN)	5962-8755901EA	LT1055A (GEN)	5962-8997601GA	1057C (GEN)	5962-92A1801QYC
10H518 (GEN)	5962-8755901FA	10E551 (GEN)	5962-9310401MYA	1057D (GEN)	5962-92A1901QYC
10H519 (GEN)	5962-87728012A	10553FM	5962-1820601KXA	1057E (GEN)	5962-92A2001QYC
10H519 (GEN)	5962-8772801EA	10553FM	5962-1820601KXC	1057G (GEN)	5962-92A2201QYC
10H519 (GEN)	5962-8772801FA	10554FM	5962-1820602KXA	LT1057 (GEN)	5962-9081702MGA
LTC1052 (GEN)	5962-8978201CA	10554FM	5962-1820602KXC	LT1057A (GEN)	5962-9081701MGA
LTC1052 (GEN)	5962-8978201GA	10H558 (GEN)	5962-87566012A	MTLT1057AQD8	5962-9081701MPA
LTC1052 (GEN)	5962-8978201PA	10H558 (GEN)	5962-8756601EA	MTLT1057AQH	5962-9081701MXA
MG1052 (GEN)	5962-00B0110Q*C	10H558 (GEN)	5962-8756601FA	MTLT1057QD8	5962-9081702MPA
10H521 (GEN)	5962-87730012A	QP10H558/2A	5962-87566022A	MTLT1057QH	5962-9081702MXA
10H521 (GEN)	5962-8773001EA	QP10H558/EA	5962-8756602EA	10H571 (GEN)	5962-87568012A
10H521 (GEN)	5962-8773001FA	QP10H558/FA	5962-8756602FA	10H571 (GEN)	5962-8756801EA
10H525 (GEN)	5962-8750801FA	SL10558/B2A	5962-87792012A	10H571 (GEN)	5962-8756801FA
AS10H525C16/883C	5962-8750801EA	SL10558/B2C	5962-87792012C	1057F2 (GEN)	5962-92A2101QYC
AS10H525EC20/883C	5962-87508012A	SL10558/BEA	5962-8779201EA	1057A3 (GEN)	5962-92A1701QYC
AS10H525F16/883C	5962-8750801XA	SL10558/BFA	5962-8779201FA	10H574 (GEN)	5962-87506012A
TGC1053 (GEN)	5962-94B0507Q4A	1056C (GEN)	5962-92A0401QYC	10H574 (GEN)	5962-8750601EA
TGC1053 (GEN)	5962-94B0507Q5A	1056E (GEN)	5962-92A0601QYC	10H574 (GEN)	5962-8750601FA
TGC1053 (GEN)	5962-94B0507Q6A	1056F (GEN)	5962-92A0701QYC	10H576 (GEN)	5962-8751201FA
TGC1053 (GEN)	5962-94B0507QMA	1056G (GEN)	5962-92A0801QYC	AS10H576C16/883C	5962-8751201EA
TGC1053 (GEN)	5962-94B0507QNA	1056J (GEN)	5962-92A1001QYC	AS10H576EC20/883C	5962-87512012A
TGC1053 (GEN)	5962-94B0507QTA	1056K2 (GEN)	5962-92A1101QYC	AS10H576F16/883C	5962-8751201XA
TGC1053 (GEN)	5962-94B0507QUA	1056L (GEN)	5962-92A1201QYC	LT1058 (GEN)	5962-8989702XA
TGC1053 (GEN)	5962-94B0507QXA	1056S (GEN)	5962-92A1401QYC	LT1058A (GEN)	5962-8989701XA
TGC1053 (GEN)	5962-94B0507QYA	1056T (GEN)	5962-92A1301QYC	MTLT1058AQD	5962-8989701CA
TGC1053 (GEN)	5962-94B0507QZA	1056U (GEN)	5962-92A1601QYC	MTLT1058QD	5962-8989702CA
10E531 (GEN)	5962-9310201MYA	1056W (GEN)	5962-92A1501QYC	10H588 (GEN)	5962-87509012A
10H531 (GEN)	5962-8756101FA	LT1056 (GEN)	5962-8997604GA	10H588 (GEN)	5962-8750901EA
AS10H531C16/883C	5962-8756101EA	LT1056A (GEN)	5962-8997602GA	10H588 (GEN)	5962-8750901FA
AS10H531EC20/883C	5962-87561012A	10H560 (GEN)	5962-87562012A	10H589 (GEN)	5962-87510012A
AS10H531F16/883C	5962-8756101XA	10H560 (GEN)	5962-8756201EA	10H589 (GEN)	5962-8751001EA
10H535 (GEN)	5962-87505012A	10H560 (GEN)	5962-8756201FA	10H589 (GEN)	5962-8751001FA
10H535 (GEN)	5962-8750501EA	10H561 (GEN)	5962-8756701FA	SL10592/M2A	5962-9311101M2A
10H535 (GEN)	5962-8750501FA	AS10H561C16/883C	5962-8756701EA	SL10592/M2C	5962-9311101M2C
10H536 (GEN)	5962-8700101EA	AS10H561EC20/883C	5962-87567012A	SL10592/MEA	5962-9311101MEA
10H536 (GEN)	5962-8700101FA	AS10H561F16/883C	5962-8756701XA	SL10592/MFA	5962-9311101MFA
10H536 (GEN)	5962-87001012A	1056A2 (GEN)	5962-92A0201QYC	10598 (GEN)	5962-87773012A
10538 (GEN)	5962-9093501M2A	1056B2 (GEN)	5962-92A0301QYC	10598 (GEN)	5962-8777301EA
10538 (GEN)	5962-9093501MEA	1056D2 (GEN)	5962-92A0501QYC	10598 (GEN)	5962-8777301FA
10538 (GEN)	5962-9093501MFA	1056H2 (GEN)	5962-92A0901QYC	LM106H/883	8003701GA
DAC1054 (GEN)	5962-9466201QJA	10H564 (GEN)	5962-8772901FA	LM106J/883	8003701CA
LT1054 (GEN)	5962-8956201GA	AS10H564C16/883C	5962-8772901EA	LM106JT/883	8003701PA
MTLT1054QH	5962-8956201XA	AS10H564EC20/883C	5962-87729012A	LM106W/883	8003701DA
10H541 (GEN)	5962-87511012A	AS10H564F16/883C	5962-8772901XA	MSK 106HRH	5962R1122801HXC
10H541 (GEN)	5962-8751101EA	SL10564/B2A	5962-88527012A	MSK 106HRHG	5962R1122801HYC
10H541 (GEN)	5962-8751101FA	SL10564/B2C	5962-88527012C	MSK 106KRH	5962R1122801KXC
SL10541/B2A	5962-88557012A	SL10564/BEA	5962-8852701EA	MSK 106KRHG	5962R1122801KYC



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
HX1060 (GEN)	5962H95B0401QTC	10C68-55 (GEN)	5962-9305604MXA	LM108A (GEN)	5962R9863702VCA
HX1060 (GEN)	5962H95B0401QXC	10C68-55 (GEN)	5962-9305604MYA	LM108A (GEN)	5962R9863702VGA
HX1060 (GEN)	5962H95B0401VTC	LM107H/883	5962-8958901GA	LM108A (GEN)	5962R9863702VHA
HX1060 (GEN)	5962H95B0401VXC	LM107J/883	5962-8958901PA	LM108A (GEN)	5962R9863702VPA
MTLTC1060AQD	5962-8864101RA	LT1070 (GEN)	5962-9082501MYA	LM108A (GEN)	5962R9863702VZA
MTLTC1060QD	5962-8864102RA	LT1070HV (GEN)	5962-9082504MYA	PAL10H8 (GEN)	81035012A
10H609 (GEN)	5962-87569012A	GEM10702Q3A	86025023A	PAL10H8 (GEN)	8103501RA
10H609 (GEN)	5962-8756901EA	GEM10702Q3C	86025023C	PAL10H8 (GEN)	8103501SA
10H609 (GEN)	5962-8756901FA	GEM10702QXA	8602502XA	PAL10H8A (GEN)	8103510RA
10H610 (GEN)	5962-87541012A	GEM10702QXC	8602502XC	PAL10L8 (GEN)	81035062A
10H610 (GEN)	5962-8754101EA	GEM10702QYA	8602502YA	PAL10L8 (GEN)	8103506RA
10H610 (GEN)	5962-8754101FA	GEM10702QYC	8602502YC	PAL10L8 (GEN)	8103506SA
10612 (GEN)	5962-87750012A	LT1071 (GEN)	5962-9082502MYA	PAL10L8A (GEN)	8103514RA
10612 (GEN)	5962-8775001EA	LT1071HV (GEN)	5962-9082505MYA	PM108AJ/QMLR	5962R9863701VGA
10612 (GEN)	5962-8775001FA	LM107J-14/883	5962-8958901CA	PM108AL/QMLR	5962R9863701VHA
MXL1062 (GEN)	5962-9159501MPA	LT1072 (GEN)	5962-9082503MPA	PM108AZ/QMLR	5962R9863701VPA
LTC1064 (GEN)	5962-8948301LA	LT1072 (GEN)	5962-9082503MYA	LT1080 (GEN)	5962-8766601VA
LTC1064-1 (GEN)	5962-9069301MCA	LT1072HV (GEN)	5962-9082506MYA	GEM10801Q2A	5962-86881012A
LTC1064-1A (GEN)	5962-9069302MCA	MTLT1074HVQK	5962-9457602MYA	GEM10801Q2C	5962-86881012C
LTC1064-4 (GEN)	5962-90649012A	MTLT1074QK	5962-9457601MYA	GEM10801QRA	5962-8688101RA
LTC1064-4 (GEN)	5962-9064901CA	10H750 (GEN)	5962-9058801M2A	GEM10801QRC	5962-8688101RC
LTC1064-4 (GEN)	5962-9064901XA	10H750 (GEN)	5962-9058801MEA	GEM10801QSA	5962-8688101SA
1066-341H/2 (GEN)	5962-8949904XC	10H750 (GEN)	5962-9058801MFA	GEM10801QSC	5962-8688101SC
1066-341V/2 (GEN)	5962-8949905XC	10H751 (GEN)	5962-9156901M2A	LT1081 (GEN)	5962-8766602EA
HRD1066-341H (GEN)	5962-8990806XC	10H751 (GEN)	5962-9156901MRA	1083 (GEN)	5962-9864701H4A
HRD1066-341V (GEN)	5962-8990807XC	10H751 (GEN)	5962-9156901MSA	1083 (GEN)	5962-9864701HMA
1066-349H/2 (GEN)	5962-8949803XC	MTLT1076HVQK	5962-9311902MYA	1083 (GEN)	5962-9864701HNA
1066-349V/2 (GEN)	5962-8949804XC	MTLT1076QK	5962-9311901MYA	1083 (GEN)	5962-9864701HTA
1066-C778H/2 (GEN)	5962-8949906XC	LT1077 (GEN)	5962-9950201QGA	1083 (GEN)	5962-9864701HUA
HRD1066-381H (GEN)	5962-8990808XC	LT1077 (GEN)	5962-9950201QPA	1083 (GEN)	5962-9864701HXA
TSPC106A-66 (GEN)	5962-0053501QXA	LT1078 (GEN)	5962-9163203MGA	1083 (GEN)	5962-9864701HYA
TGC1068 (GEN)	5962-94B0508Q4A	LT1078A (GEN)	5962-9163204MGA	1083 (GEN)	5962-9864701HZA
TGC1068 (GEN)	5962-94B0508Q5A	MTLT1078AQD8	5962-9163204MPA	MTLT1083QK	5962-8952001XA
TGC1068 (GEN)	5962-94B0508Q6A	MTLT1078AQH	5962-9163204MXA	MTLT1083QW	5962-8952001YA
TGC1068 (GEN)	5962-94B0508QMA	MTLT1078QD8	5962-9163203MPA	MTLT1083QX	5962-8952001ZA
TGC1068 (GEN)	5962-94B0508QNA	MTLT1078QH	5962-9163203MXA	LT1083-5 (GEN)	5962-9073901MXA
TGC1068 (GEN)	5962-94B0508QTA	SP1078B (GEN)	5962-8997901XA	1084 (GEN)	5962-8952101ZA
TGC1068 (GEN)	5962-94B0508QUA	MTLT1079AQD	5962-9163202MCA	MTLT1084QK	5962-8952101XA
TGC1068 (GEN)	5962-94B0508QXA	MTLT1079QD	5962-9163201MCA	MTLT1084QLS	5962-89521012A
TGC1068 (GEN)	5962-94B0508QYA	1HL08 (GEN)	5962R93A0101QY	MTLT1084QP	5962-8952101UA
TGC1068 (GEN)	5962-94B0508QZA	LM10 (GEN)	5962-8760401PA	MTLT1084QW	5962-8952101YA
TSPC106A-83 (GEN)	5962-0053502QXA	LM108A (GEN)	5962-9863702QCA	SDP10844HD	5962-9864801H4A
10C68 (GEN)	5962-9305603MXA	LM108A (GEN)	5962-9863702QGA	SDP10844HG	5962-9864801H4C
10C68 (GEN)	5962-9305603MYA	LM108A (GEN)	5962-9863702QPA	SDP1084MHD	5962-9864801HMA
10C68 (GEN)	5962-9305602MXA	LM108A (GEN)	5962L9863702VGA	SDP1084MHG	5962-9864801HMC
10C68 (GEN)	5962-9305602MYA	LM108A (GEN)	5962L9863702VHA	SDP1084NHD	5962-9864801HNA
10C68-35 (GEN)	5962-9305606MXA	LM108A (GEN)	5962L9863702VZA	SDP1084NHG	5962-9864801HNC
10C68-35 (GEN)	5962-9305606MYA	LM108A (GEN)	5962R9863702QCA	SDP1084THD	5962-9864801HTA
10C68-45 (GEN)	5962-9305605MXA	LM108A (GEN)	5962R9863702QGA	SDP1084THG	5962-9864801HTC
10C68-45 (GEN)	5962-9305605MYA	LM108A (GEN)	5962R9863702QHA	SDP1084UHD	5962-9864801HUA
10C68 (GEN)	5962-9305601MXA	LM108A (GEN)	5962R9863702QPA	SDP1084UHG	5962-9864801HUC
10C68 (GEN)	5962-9305601MYA	LM108A (GEN)	5962R9863702QZA	SDP1084YHD	5962-9864801HYA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SDP1084YHG	5962-9864801HYC	MTLT1086QP-3.3	5962-9859001MUA	TH1RDabc_MQ	5962-01B0125Q_C
SDP1084ZHD	5962-9864801HZA	MTLT1086QU-3.3	5962-9859001MTA	TH1RDabcDDMQ	5962-01B0125Q9A
SDP1084ZHG	5962-9864801HZC	LT1086-5 (GEN)	5962-9073904MXA	TH1REHabc_MQ	5962-01B0109Q_C
LT1084-12 (GEN)	5962-9073905MXA	ACS109 (GEN)	5962F9863201V9A	TH1REHabc_SR	5962R01B0109V_C
LT1084-5 (GEN)	5962-9073902MXA	ACS109 (GEN)	5962F9863201VEC	TH1REHabc_SV	5962-01B0109V_C
1085 (GEN)	5962L8864601UA	ACS109 (GEN)	5962F9863201VXC	TH1REHabcDDMQ	5962-01B0109Q9A
MTLT1085QK	5962-8864601XA	HCS109DMSR	5962R9578401VEC	TH1REHabcDDSV	5962-01B0109V9A
MTLT1085QN	5962-8864601NA	HCS109HMSR	5962R9578401V9A	TH1SDabc_MQ	5962-01B0129Q_C
MTLT1085QP	5962-8864601UA	HCS109KMSR	5962R9578401VXC	TH1SDabcDDMQ	5962-01B0129Q9A
MTLT1085QU	5962-8864601MA	HCTS109 (GEN)	5962R9576901TEC	TH1SEHabc_MQ	5962-01B0113Q_C
SDP1085NHD	5962-9864901HNA	HCTS109 (GEN)	5962R9576901TXC	TH1SEHabc_SR	5962R01B0113V_C
SDP1085NHG	5962-9864901HNC	HCTS109 (GEN)	5962R9576901V9A	TH1SEHabc_SV	5962-01B0113V_C
SDP1085THD	5962-9864901HTA	HCTS109 (GEN)	5962R9576901VEC	TH1SEHabcDDMQ	5962-01B0113Q9A
SDP1085THG	5962-9864901HTC	HCTS109 (GEN)	5962R9576901VXC	TH1SEHabcDDSV	5962-01B0113V9A
SDP1085UHD	5962-9864901HUA	LM109 (GEN)	5962-8777401YA	HCS11 (GEN)	5962R9572001V9A
SDP1085UHG	5962-9864901HUC	LTC1090 (GEN)	5962-8983001RA	HCS11DMSR	5962R9572001VCC
SDP1085ZHD	5962-9864901HZA	MG1090 (GEN)	5962-00B0111Q*C	HCS11KMSR	5962R9572001VXC
SDP1085ZHG	5962-9864901HZC	MG1090 (GEN)	5962-00B0111Q9A	HCTS11 (GEN)	5962R9572101V9A
LT1085-12 (GEN)	5962-9073906MXA	MG1090E (GEN)	5962-00B0103Q*C	HCTS11 (GEN)	5962R9572101VCC
MTLT1085QM-3.3	5962-9953101MMA	MG1090E (GEN)	5962-00B0103Q9A	HCTS11 (GEN)	5962R9572101VXC
MTLT1085QN-3.3	5962-9953101MNA	MG1090E (GEN)	5962-00B0103V*C	OP11A (GEN)	5962-8980101V2A
MTLT1085QP-3.3	5962-9953101MUA	MG1090E (GEN)	5962-00B0103V9A	OP11A (GEN)	5962-89801032A
MTLT1085QU-3.3	5962-9953101MTA	TH1099Rabc_MQ	5962-01B0117Q_C	OP11A (GEN)	5962-8980103CA
LT1085-5 (GEN)	5962-9073903MXA	TH1099RabcDDMQ	5962-01B0117Q9A	OP11AM/QMLV	5962-8980101VDA
MTLT1086QH	5962-8998101YA	TH1099RHabc*MQ	5962-01B0101Q*C	OP11ARC	5962-89801012A
MTLT1086QK	5962-8998101XA	TH1099RHabc*MQ	5962-08B0101Q*C	OP11AY	5962-8980101CA
MTLT1086QP	5962-8998101UA	TH1099RHabc*MQ	5962-08B0117Q*C	OP11AY/QMLV	5962-8980101VCA
MTLT1086QU	5962-8998101MA	TH1099RHabc*SR	5962R01B0101V*C	OP11B (GEN)	5962-89801022A
MTLT1086QZ	5962-8998101ZA	TH1099RHabc*SR	5962R08B0101V*C	OP11B (GEN)	5962-8980102CA
RH1086 (GEN)	5962R8998103VXA	TH1099RHabc*SV	5962-01B0101V*C	RHFAC11D03Q	5962F8761101CC
RH1086BHK	5962R8998102V9A	TH1099RHabc*SV	5962-08B0101V*C	RHFAC11D03V	5962F8761101VCC
RH1086BKK	5962R8998103V9A	TH1099RHabcDDMQ	5962-01B0101Q9A	RHFAC11D04Q	5962F8761101CA
RH1086MH	5962R8998102VYA	TH1099RHabcDDSV	5962-01B0101V9A	RHFAC11D04V	5962F8761101VCA
SDP1086NHD	5962-9865001HNA	TH1099Sabc_MQ	5962-01B0121Q_C	RHFAC11K01Q	5962F8761101XC
SDP1086NHG	5962-9865001HNC	TH1099SabcDDMQ	5962-01B0121Q9A	RHFAC11K01V	5962F8761101VXC
SDP1086THD	5962-9865001HTA	TH1099SHabc*MQ	5962-01B0105Q*C	RHFAC11K02Q	5962F8761101XA
SDP1086THG	5962-9865001HTC	TH1099SHabc*MQ	5962-08B0105Q*C	RHFAC11K02V	5962F8761101VXA
SDP1086UHD	5962-9865001HUA	TH1099SHabc*MQ	5962-08B0121Q*C	RHFAC11K03V	5962F8761101VYC
SDP1086UHG	5962-9865001HUC	TH1099SHabc*SR	5962R01B0105V*C	RHFAC11K04V	5962F8761101VYA
SDP1086ZHD	5962-9865001HZA	TH1099SHabc*SR	5962R08B0105V*C	SMP-11A (GEN)	5962-8954101CA
SDP1086ZHG	5962-9865001HZC	TH1099SHabc*SV	5962-01B0105V*C	SMP-11B (GEN)	5962-89541022A
TGC1086	5962-94B0509Q5A	TH1099SHabc*SV	5962-08B0105V*C	SMP-11B (GEN)	5962-8954102CA
TGC1086 (GEN)	5962-94B0509Q4A	TH1099SHabcDDMQ	5962-01B0105Q9A	CLC110ABPA	5962-8997501PA
TGC1086 (GEN)	5962-94B0509Q6A	TH1099SHabcDDSV	5962-01B0105V9A	LM110H/883	5962-8760601GA
TGC1086 (GEN)	5962-94B0509QMA	TH1M099ERHabc*MQ	5962-08B0109Q*C	LM110J/883	5962-8760601CA
TGC1086 (GEN)	5962-94B0509QNA	TH1M099ERHabc*SR	5962R08B0109V*C	LM110J-8/883	5962-8760601PA
TGC1086 (GEN)	5962-94B0509QTA	TH1M099ERHabc*SV	5962-08B0109V*C	HFA1100 (GEN)	5962-9467601MPA
TGC1086 (GEN)	5962-94B0509QUA	TH1M099ESHabc*MQ	5962-08B0113Q*C	HS-1100 (GEN)	5962F9467602V9A
TGC1086 (GEN)	5962-94B0509QXA	TH1M099ESHabc*SR	5962R08B0113V*C	HS-1100 (GEN)	5962F9467602VPC
TGC1086 (GEN)	5962-94B0509QYA	TH1M099ESHabc*SV	5962-08B0113V*C	LT1101 (GEN)	5962-9950301QPA
TGC1086 (GEN)	5962-94B0509QZA	TH1M099RHabc*MQ	5962-08B0125Q*C	RHFACT11K01Q	5962F9077202QXC
MTLT1086QM-3.3	5962-9859001MMA	TH1M099SHabc*MQ	5962-08B0129Q*C	RHFACT11K01V	5962F9077202VXC

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
RHFACT11K02Q	5962F9077202QXA	11105-DESC	5962-8761701YA	ACS11 (GEN)	5962F9862201V9A
RHFACT11K02V	5962F9077202VXA	11105-DESC	5962-8761701YC	ACS11 (GEN)	5962F9862201VCC
MACH110-20 (GEN)	5962-9308701MXA	MTLT1111QD8	5962-9321201MPA	ACS11 (GEN)	5962F9862201VXC
SD11081XHD	5962-8949002XA	11110-001 (GEN)	5962-96A0501QXC	LM113 (GEN)	5962-8671101XA
SD11081XHG	5962-8949002XC	TDC1112-1 (GEN)	5962-9165201M3A	LM113 (GEN)	5962-8671101ZA
SD11082XHD	5962-8949003XA	TDC1112-1 (GEN)	5962-9165201MJA	LM113 (GEN)	5962-9684301VXA
SD11082XHG	5962-8949003XC	TDC1112-2 (GEN)	5962-9165202M3A	LM113 (GEN)	5962-9684301VZA
SD11083XHD	5962-8949004XA	TDC1112-2 (GEN)	5962-9165202MJA	HFA1130 (GEN)	5962-9467701M2A
SD11083XHG	5962-8949004XC	1113 (GEN)	5962-9468201M2A	HFA1130 (GEN)	5962-9467701MPA
SD11084XHD	5962-8949005XA	1113 (GEN)	5962-9468201MPA	LM113 (GEN)	5962-8671102ZA
SD11084XHG	5962-8949005XC	TGC1113 (GEN)	5962-94B0510Q4A	LM113-1 (GEN)	5962-8671102XA
SD11085XHD	5962-8949006XA	TGC1113 (GEN)	5962-94B0510Q5A	LM113-1 (GEN)	5962-9684302VXA
SD11085XHG	5962-8949006XC	TGC1113 (GEN)	5962-94B0510Q6A	LM113-1 (GEN)	5962-9684302VZA
SD11086XHD	5962-8949007XA	TGC1113 (GEN)	5962-94B0510QMA	LM113-2 (GEN)	5962-8671103XA
SD11086XHG	5962-8949007XC	TGC1113 (GEN)	5962-94B0510QNA	LM113-2 (GEN)	5962-9684303VXA
SD11087XHD	5962-8949008XA	TGC1113 (GEN)	5962-94B0510QTA	HFA1135 (GEN)	5962-9475601M2A
SD11087XHG	5962-8949008XC	TGC1113 (GEN)	5962-94B0510QUA	HFA1135 (GEN)	5962-9475601MPA
SD11088XHD	5962-8949009XA	TGC1113 (GEN)	5962-94B0510QXA	HS0-1135RH-Q	5962F9676701V9A
SD11088XHG	5962-8949009XC	TGC1113 (GEN)	5962-94B0510QYA	HS7B-1135RH-Q	5962F9676701VPC
SD11089XHD	5962-8949001XA	TGC1113 (GEN)	5962-94B0510QZA	HS9-1135RH-Q	5962F9676701VXC
SD11089XHG	5962-8949001XC	HS7B-1115RH-Q	5962F9678501VPC	CLC114A/B2A	5962-9233901M2A
CDCLVP111HFG-V	5962-1620701VXC	11155-001 (GEN)	5962-98A1101QXC	CLC114A/BCA	5962-9233901MCA
CLC111 (GEN)	5962-9687601MPA	11155-003	5962-98A1102QXC	MG1140 (GEN)	5962-00B0112Q*C
LM111 (GEN)	5962-8687701Q2A	11179-001 (GEN)	5962-99A0201NXB	MG1140 (GEN)	5962-00B0112Q9A
LM111 (GEN)	5962-8687701QGA	ACS112 (GEN)	5962F9670401VEC	MG1140E (GEN)	5962-00B0104Q*C
LM111 (GEN)	5962-8687701QPA	ACS112 (GEN)	5962F9670401VXC	MG1140E (GEN)	5962-00B0104Q9A
LM111 (GEN)	5962-8687701QZA	ACTS112 (GEN)	5962F9671401VEC	MG1140E (GEN)	5962-00B0104V*C
LM111HLQMLV	5962L0052401VGA	ACTS112 (GEN)	5962F9671401VXC	MG1140E (GEN)	5962-00B0104V9A
LM111HPQML	5962P0052401QGA	HCS112 (GEN)	5962R9580201V9A	HS0-1145RH-Q	5962F9683001V9A
LM111HPQMLV	5962P0052401VGA	HCS112 (GEN)	5962R9580201VEC	HS7B-1145RH-Q	5962F9683001VPC
LM111HRLQMLV	5962R0052402VGA	HCS112 (GEN)	5962R9580201VXC	11496-501 (GEN)	5962-99A0501QXC
LM111J-8LQMLV	5962L0052401VPA	HCTS112 (GEN)	5962R9573801V9A	11496-502 (GEN)	5962-99A0502NYB
LM111J-8PQML	5962P0052401QPA	HCTS112 (GEN)	5962R9573801VEC	LTC1150 (GEN)	5962-9950101QPA
LM111J-8PQMLV	5962P0052401VPA	HCTS112 (GEN)	5962R9573801VXC	HS-11508 (GEN)	5962-97A0401V9A
LM111J-8RLQMLV	5962R0052402VPA	1120 (GEN)	5962-9468501MPA	HS-11508 (GEN)	5962-97A0401VXC
LM111-MDE	5962R0052402V9A	HS-1120 (GEN)	5962F9675601VPC	11508-001 (GEN)	5962-99A1002QYC
LM111WGLQMLV	5962L0052401VZA	LT1120 (GEN)	5962-9322401MPA	11508-002 (GEN)	5962-99A1001NXB
LM111WGPQML	5962P0052401QZA	MSK1120B	5962-9668701HXC	11508-003	5962-99A1003NXB
LM111WGPQMLV	5962P0052401VZA	ACS112 (GEN)	5962F9670402V9A	DSC-11520-112	5962-8998601HXC
LM111WGRLQMLV	5962R0052402VZA	ACS112 (GEN)	5962F9670402VEC	DSC-11520-142	5962-8998601HXA
LM111WLQMLV	5962L0052401VHA	ACS112 (GEN)	5962F9670402VFC	DSC-11520-113	5962-8998602HXC
LM111WPQMLV	5962P0052401VHA	ACTS112 (GEN)	5962F9671402V9A	DSC-11520-143	5962-8998602HXA
LM111WRLQMLV	5962R0052402VHA	ACTS112 (GEN)	5962F9671402VEC	DSC-11520-114	5962-8998603HXC
MTLM111QD8	5962-8687701PA	ACTS112 (GEN)	5962F9671402VXC	DSC-11520-144	5962-8998603HXA
MTLM111QH	5962-8687701GA	LT1124 (GEN)	5962-9323802MPA	DSC-11520-115	5962-8998604HXC
MTLM111QLS	5962-86877012A	LT1124A (GEN)	5962-9323804MPA	DSC-11520-145	5962-8998604HXA
MTLT111AQD8	5962-8687702PA	LT1125 (GEN)	5962-9323801MCA	TGC1154 (GEN)	5962-94B0511Q4A
MTLT111AQH	5962-8687702GA	LT1125A (GEN)	5962-9323803MCA	TGC1154 (GEN)	5962-94B0511Q5A
MTLT111AQLS	5962-86877022A	LT1126 (GEN)	5962-9862801QPA	TGC1154 (GEN)	5962-94B0511Q6A
1110 (GEN)	5962-9468301MPA	LT1127A (GEN)	5962-9955501QCA	TGC1154 (GEN)	5962-94B0511QMA
GEM11101QEA	5962-9151601QEA	1128K8LC15 (GEN)	5962-8959848MXA	TGC1154 (GEN)	5962-94B0511QNA
GEM11101QEC	5962-9151601QEC	1128K8LC15 (GEN)	5962-8959848MYA	TGC1154 (GEN)	5962-94B0511QTA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
TGC1154 (GEN)	5962-94B0511QUA	P4C116-20FMB	5962-8969002KA	IP117HVG-DESC	7703402TA
TGC1154 (GEN)	5962-94B0511QXA	P4C116-20L28MB	5962-89690023A	IP117HVG-DESC	7703402UA
TGC1154 (GEN)	5962-94B0511QYA	P4C116-20LMB	5962-8969002YA	IP117HVK-DESC	7703402YA
TGC1154 (GEN)	5962-94B0511QZA	11624-001 (GEN)	5962-00A1701NXB	IP117HVR-DESC	7703402ZA
TH1156ERHabc*MQ	5962-08B0102Q*C	P4C116-25DMB	5962-8969001LA	IP117IG-DESC	7703401UA
TH1156ERHabc*SR	5962R08B0102V*C	P4C116-25FMB	5962-8969001KA	IP117K-DESC	7703401YA
TH1156ERHabc*SV	5962-08B0102V*C	P4C116-25L28MB	5962-89690013A	IP117MAH-DESC	7703405XA
TH1156ESHabc*MQ	5962-08B0106Q*C	P4C116-25LMB	5962-8969001YA	IP117MAHVH-DESC	7703407XA
TH1156ESHabc*SR	5962R08B0106V*C	P4C116L-25DMB	5962-8874002LA	IP117MH-DESC	7703401XA
TH1156ESHabc*SV	5962-08B0106V*C	P4C116L-25FMB	5962-8874002KA	IP117MHVH-DESC	7703402XA
TH1156Rabc_MQ	5962-01B0118Q_C	P4C116L-25L28MB	5962-88740023A	IP117R-DESC	7703401ZA
TH1156RabcDDMQ	5962-01B0118Q9A	P4C116L-25LMB	5962-8874002YA	LM117 (GEN)	5962-9951703VZA
TH1156RHabc*MQ	5962-01B0102Q*C	P4C116L-35DMB	5962-8874001LA	LM117 (GEN)	5962R9951703QXA
TH1156RHabc*MQ	5962-08B0118Q*C	P4C116L-35FMB	5962-8874001KA	LM117 (GEN)	5962R9951703QZA
TH1156RHabc*SR	5962R01B0102V*C	P4C116L-35L28MB	5962-88740013A	LM117 (GEN)	5962R9951703VZA
TH1156RHabc*SV	5962-01B0102V*C	P4C116L-35LMB	5962-8874001YA	LM117 (GEN)	5962R9951704QYA
TH1156RHabcDDMQ	5962-01B0102Q9A	11C68 (GEN)	5962-9232403MXA	LM117 (GEN)	5962R9951705VZA
TH1156RHabcDDSV	5962-01B0102V9A	11C68 (GEN)	5962-9232403MYA	LM117 (GEN)	77034015A
TH1156Sabc_MQ	5962-01B0122Q_C	11C68-35 (GEN)	5962-9232406MXA	LM117GW-QML	5962-9951706QZA
TH1156SabcDDMQ	5962-01B0122Q9A	11C68-35 (GEN)	5962-9232406MYA	LM117GWRLQMLV	5962R9951707VZA
TH1156SHabc*MQ	5962-01B0106Q*C	11C68 (GEN)	5962-9232402MXA	LM117GWRQMLV	5962R9951706VZA
TH1156SHabc*MQ	5962-08B0122Q*C	11C68 (GEN)	5962-9232402MYA	LM117H MDE	5962R9951705V9A
TH1156SHabc*SR	5962R01B0106V*C	11C68-45 (GEN)	5962-9232405MXA	LM117H MDR	5962R9951703V9A
TH1156SHabc*SV	5962-01B0106V*C	11C68-45 (GEN)	5962-9232405MYA	LM117HRLQMLV	5962R9951705VXA
TH1156SHabcDDMQ	5962-01B0106Q9A	11C68 (GEN)	5962-9232401MXA	LM117HRQMLV	5962R9951703VXA
TH1156SHabcDDSV	5962-01B0106V9A	11C68 (GEN)	5962-9232401MYA	LM117HV	5962R7703402MUA
TH1M156ERHabc*MQ	5962-08B0110Q*C	11C68-55 (GEN)	5962-9232404MXA	LM117HV (GEN)	5962-0722901QZA
TH1M156ERHabc*SR	5962R08B0110V*C	11C68-55 (GEN)	5962-9232404MYA	LM117HV (GEN)	5962R0722901VZA
TH1M156ERHabc*SV	5962-08B0110V*C	117AHT-ADJ (GEN)	5962-0822503H4A	LM117HV (GEN)	5962R0722961VZA
TH1M156ESHabc*MQ	5962-08B0114Q*C	117AKT-ADJ (GEN)	5962-0822501K4A	LM117HV (GEN)	77034025A
TH1M156ESHabc*SR	5962R08B0114V*C	117HT-ADJ (GEN)	5962-0822504H4A	LM117HVGW-QML	5962-0722902QZA
TH1M156ESHabc*SV	5962-08B0114V*C	117KT-ADJ (GEN)	5962-0822502K4A	LM117HVGWRLQMLV	5962R0722962VZA
TH1M156RHabc*MQ	5962-08B0126Q*C	HS0-117EH-Q	5962F9954702V9A	LM117HVGWRQMLV	5962R0722902VZA
TH1M156SHabc*MQ	5962-08B0130Q*C	HS0-117RH-Q	5962F9954701V9A	LM117HVH MDE	5962R0722961V9A
TH1RDabc_MQ	5962-01B0126Q_C	HS-117 (GEN)	5962R9954701TXC	LM117HVH MDR	5962R0722901V9A
TH1RDabcDDMQ	5962-01B0126Q9A	HS-117 (GEN)	5962R9954701TYC	LM117HVH-QML	5962-0722901QXA
TH1REHabc_MQ	5962-01B0110Q_C	HS2-117EH-Q	5962F9954702VUC	LM117HVHRLQMLV	5962R0722961VXA
TH1REHabc_SR	5962R01B0110V_C	HS2-117RH-8	5962F9954701QUC	LM117HVHRQMLV	5962R0722901VXA
TH1REHabc_SV	5962-01B0110V_C	HS2-117RH-Q	5962F9954701VUC	LM117HVK-QML	5962-0722903QYA
TH1REHabcDDMQ	5962-01B0110Q9A	HS9S-117EH-Q	5962F9954702VXC	LM117KRQMLV	5962R9951704VYA
TH1REHabcDDMQ	5962-01B0111Q9A	HS9S-117RH-8	5962F9954701QXC	LT117A (GEN)	77034055A
TH1REHabcDDSV	5962-01B0110V9A	HS9S-117RH-Q	5962F9954701VXC	LT117AHV	5962R7703407MUA
TH1SDabc_MQ	5962-01B0130Q_C	HSYE-117-8	5962-9954703QYC	LT117AHV (GEN)	77034075A
TH1SDabcDDMQ	5962-01B0130Q9A	HSYE-117EH-Q	5962F9954702VYC	MTLM117AHVQH	7703407XA
TH1SEHabc_MQ	5962-01B0114Q_C	HSYE-117RH-8	5962F9954701QYC	MTLM117AHVQK	7703407YA
TH1SEHabc_SR	5962R01B0114V_C	HSYE-117RH-Q	5962F9954701VYC	MTLM117AHVQLS	77034072A
TH1SEHabc_SV	5962-01B0114V_C	IP117AG-DESC	7703405TA	MTLM117AHVQP	7703407UA
TH1SEHabcDDMQ	5962-01B0114Q9A	IP117AHVG-DESC	7703407TA	MTLM117AHVQR	7703407ZA
TH1SEHabcDDSV	5962-01B0114V9A	IP117AHVIG-DESC	7703407UA	MTLM117AHVQU	77034074A
11563-DESC	5962-8761701XA	IP117AIG-DESC	7703405UA	MTLM117HVQH	7703402XA
11563-DESC	5962-8761701XC	IP117AR-DESC	7703405ZA	MTLM117HVQK	7703402YA
P4C116-20DMB	5962-8969002LA	IP117G-DESC	7703401TA	MTLM117HVQLS	77034022A

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MTLM117HVQP	7703402UA	ADC117 (GEN)	5962-0420801QXA	TGC1191 (GEN)	5962-94B0512QZA
MTLM117HVQR	7703402ZA	11788-001 (GEN)	5962-03A0301NXB	LT1193 (GEN)	5962-9670001MPA
MTLM117QH	7703401XA	11788-444	5962-03A0302NXB	PA12M/883	5962-9065901HXA
MTLM117QK	7703401YA	LM118 (GEN)	5962P9853901QGA	MG1200 (GEN)	5962-00B0113Q*C
MTLM117QLS	77034012A	LM118 (GEN)	5962P9853901QPA	MG1200 (GEN)	5962-00B0113Q9A
MTLM117QP	7703401UA	LM118 (GEN)	5962P9853901QZA	MG1200E (GEN)	5962-00B0105Q*C
MTLM117QR	7703401ZA	LM118 (GEN)	5962P9853901VGA	MG1200E (GEN)	5962-00B0105Q9A
MTLT117AQH	7703405XA	LM118 (GEN)	5962P9853901VPA	MG1200E (GEN)	5962-00B0105V*C
MTLT117AQK	7703405YA	LM118 (GEN)	5962P9853901VZA	MG1200E (GEN)	5962-00B0105V9A
MTLT117AQLS	77034052A	MTLT118QD8	5962-9451601MPA	GEM12001Q2A	5962-86715012A
MTLT117AQM	7703405MA	MTLT1180QD	5962-9172901MVA	GEM12001Q2C	5962-86715012C
MTLT117AQP	7703405UA	MTLT1181QD	5962-9172902MEA	GEM12001QEA	5962-8671501EA
MTLT117AQR	7703405ZA	LT1185 (GEN)	5962-9469501MXA	GEM12001QEC	5962-8671501EC
SDP117HVNHD	5962-9961202HNA	LM119 (GEN)	5962-9679801VHA	GEM12001QFA	5962-8671501FA
SDP117HVNHG	5962-9961202HNC	LM119 (GEN)	5962-9679801VIA	GEM12001QFC	5962-8671501FC
SDP117HVTHD	5962-9961202HTA	LM119 (GEN)	5962-9679801VXA	AFL12005DW/CH	5962-0255401HUA
SDP117HVTHG	5962-9961202HTC	LM119 (GEN)	5962R9679801QCA	AFL12005DW/CH	5962-0255401HUC
SDP117HVUHD	5962-9961202HUA	LM119 (GEN)	5962R9679801QHA	AFL12005DX/CH	5962-0255401HXA
SDP117HVUHG	5962-9961202HUC	LM119 (GEN)	5962R9679801QIA	AFL12005DX/CH	5962-0255401HXC
SDP117HVZHD	5962-9961202HZA	LM119 (GEN)	5962R9679801QXA	AFL12005DY/CH	5962-0255401HYA
SDP117HVZHG	5962-9961202HZC	LM119 (GEN)	8601401DA	AFL12005DY/CH	5962-0255401HYC
SDP117NHD	5962-9961201HNA	LM119 (GEN)	8601401XA	AFL12005DZ/CH	5962-0255401HZA
SDP117NHG	5962-9961201HNC	LM119 MDE	5962R9679802V9A	AFL12005DZ/CH	5962-0255401HZC
SDP117THD	5962-9961201HTA	LM119 MDR	5962R9679801V9A	AFL12005SW/CH	5962-9960801HUA
SDP117THG	5962-9961201HTC	LM119E-SMD	86014012A	AFL12005SW/CH	5962-9960801HUC
SDP117UHD	5962-9961201HUA	LM119HRLQMLV	5962R9679802VIA	AFL12005SX/CH	5962-9960801HXA
SDP117UHG	5962-9961201HUC	LM119HRQMLV	5962R9679801VIA	AFL12005SX/CH	5962-9960801HXC
SDP117ZHD	5962-9961201HZA	LM119H-SMD	86014011A	AFL12005SY/CH	5962-9960801HYA
SDP117ZHG	5962-9961201HZC	LM119J-QMLV	5962-9679801VCA	AFL12005SY/CH	5962-9960801HYC
SG117AG/883B	7703405TA	LM119JRLQMLV	5962R9679802VCA	AFL12005SZ/CH	5962-9960801HZA
SG117AHVG-DESC	7703407TA	LM119JRQMLV	5962R9679801VCA	AFL12005SZ/CH	5962-9960801HZC
SG117AHVIG-DESC	7703407UA	LM119J-SMD	8601401CA	AFL12008SW/CH	5962-0254901HUA
SG117AHVK-DESC	7703407YA	LM119WGRLQMLV	5962R9679802VXA	AFL12008SW/CH	5962-0254901HUC
SG117AHVL/883B	77034072A	LM119WGRQMLV	5962R9679801VXA	AFL12008SX/CH	5962-0254901HXA
SG117AHVT/883B	7703407XA	LM119WRLQMLV	5962R9679802VHA	AFL12008SX/CH	5962-0254901HXC
SG117AIG/883B	7703405UA	LM119WRQMLV	5962R9679801VHA	AFL12008SY/CH	5962-0254901HYA
SG117AK/883B	7703405YA	LM119W-SMD	8601401HA	AFL12008SY/CH	5962-0254901HYC
SG117AL/883B	77034052A	MTLM119QD	8601401CA	AFL12008SZ/CH	5962-0254901HZA
SG117AR/883B	7703405ZA	MTLM119QH	86014011A	AFL12008SZ/CH	5962-0254901HZC
SG117AT/883B	7703405XA	MTLM119QLS	86014012A	AFL12009SW/CH	5962-0255001HUA
SG117G/883B	7703401TA	MTLT119AQD	8601402CA	AFL12009SW/CH	5962-0255001HUC
SG117HVG-DESC	7703402TA	MTLT119AQH	8601402IA	AFL12009SX/CH	5962-0255001HXA
SG117HVIG-DESC	7703402UA	MTLT119AQLS	86014022A	AFL12009SX/CH	5962-0255001HXC
SG117HVK-DESC	7703402YA	TGC1191 (GEN)	5962-94B0512Q4C	AFL12009SY/CH	5962-0255001HYA
SG117HVL/883B	77034022A	TGC1191 (GEN)	5962-94B0512Q5A	AFL12009SY/CH	5962-0255001HYC
SG117HVT/883B	7703402XA	TGC1191 (GEN)	5962-94B0512Q6A	AFL12009SZ/CH	5962-0255001HZA
SG117IG/883B	7703401UA	TGC1191 (GEN)	5962-94B0512QMA	AFL12009SZ/CH	5962-0255001HZC
SG117K/883B	7703401YA	TGC1191 (GEN)	5962-94B0512QNA	TSB12C01 (GEN)	5962-9677001QXA
SG117L/883B	77034012A	TGC1191 (GEN)	5962-94B0512QTA	RHF1201KSO-01V	5962F0521701VXC
SG117R/883B	7703401ZA	TGC1191 (GEN)	5962-94B0512QUA	TSA1201 (GEN)	5962-0521701VXC
SG117T/883B	7703401XA	TGC1191 (GEN)	5962-94B0512QXA	AFL12012DW/CH	5962-9960901HUA
LT1172 (GEN)	5962-9207901MPA	TGC1191 (GEN)	5962-94B0512QYA	AFL12012DW/CH	5962-9960901HUC



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
AFL12012DX/CH	5962-9960901HXA	AFL1203R3SZ/CH	5962-0254801HZA	ST12156 (GEN)	5962H93A0701VYC
AFL12012DX/CH	5962-9960901HXC	AFL1203R3SZ/CH	5962-0254801HZC	ST12157 (GEN)	5962H93A0801VYA
AFL12012DY/CH	5962-9960901HYA	120335 (GEN)	5962-8751302XA	ST12158 (GEN)	5962H93A0901VYC
AFL12012DY/CH	5962-9960901HYC	120345 (GEN)	5962-8751303XA	ST12159 (GEN)	5962R93A1001VYC
AFL12012DZ/CH	5962-9960901HZA	THS1206MDA	5962-9957701NXD	12X16B-0 (GEN)	5962-9683601MXC
AFL12012DZ/CH	5962-9960901HZC	ADC12062 (GEN)	5962-9559301QXA	12X16B-1 (GEN)	5962-9683602MXC
AFL12012SW/CH	5962-0255101HUA	12074-001 (GEN)	5962-01A2001NXB	ST12169 (GEN)	5962H93A1101VYC
AFL12012SW/CH	5962-0255101HUC	SVPL1209SG/H+	5962R1723201HYC	ST12171 (GEN)	5962R93A1201VYC
AFL12012SX/CH	5962-0255101HXA	SVPL1209SG/H+-E	5962R1723201HXA	LM122H/883	5962-9163101MIA
AFL12012SX/CH	5962-0255101HXC	SVPL1209SG/K	5962R1723201KYC	TSB12LV21 (GEN)	5962-9752901NXB
AFL12012SY/CH	5962-0255101HYA	SVPL1209SG/K-E	5962R1723201KXA	122325 (GEN)	5962-8751304XA
AFL12012SY/CH	5962-0255101HYC	PAL12L10 (GEN)	5962-86804023A	122335 (GEN)	5962-8751305XA
AFL12012SZ/CH	5962-0255101HZA	PAL12L10 (GEN)	5962-8680402KA	122345 (GEN)	5962-8751306XA
AFL12012SZ/CH	5962-0255101HZC	PAL12L10 (GEN)	5962-8680402LA	ST12237 (GEN)	5962H93A1301VYC
LM120H-12 (GEN)	7704003XA	GEM12101Q2A	5962-87791012A	LT1229 (GEN)	5962-9318401MPA
LM120H-12 (GEN)	7704003YA	GEM12101Q2C	5962-87791012C	LT1230 (GEN)	5962-9318402MCA
AFL12015DW/CH	5962-0255501HUA	GEM12101QEA	5962-8779101EA	IP123K-05-DESC	5962-8777501YA
AFL12015DW/CH	5962-0255501HUC	GEM12101QEC	5962-8779101EC	LM123A (GEN)	5962-8777502YA
AFL12015DX/CH	5962-0255501HXA	GEM12103Q2A	5962-87791032A	TSB12LV31 (GEN)	5962-9753001QXA
AFL12015DX/CH	5962-0255501HXC	GEM12103Q2C	5962-87791032C	MAX1232 (GEN)	5962-9451401M2C
AFL12015DY/CH	5962-0255501HYA	GEM12103QEA	5962-8779103EA	MAX1232MJA/883B	5962-9451401MPA
AFL12015DY/CH	5962-0255501HYC	GEM12103QEC	5962-8779103EC	LM124 (GEN)	7704301AA
AFL12015DZ/CH	5962-0255501HZA	GEM12105Q2A	5962-87791052A	LM124 (GEN)	7704301XA
AFL12015DZ/CH	5962-0255501HZC	GEM12105Q2C	5962-87791052C	LM124 MDE	5962R9950402V9A
AFL12015SW/CH	5962-0255201HUA	GEM12105QEA	5962-8779105EA	LM124 MDR	5962R9950401V9A
AFL12015SW/CH	5962-0255201HUC	GEM12105QEC	5962-8779105EC	LM124A (GEN)	5962L9950401VCA
AFL12015SX/CH	5962-0255201HXA	GEM12107Q2A	5962-87791072A	LM124A (GEN)	5962L9950401VDA
AFL12015SX/CH	5962-0255201HXC	GEM12107Q2C	5962-87791072C	LM124A (GEN)	5962L9950401VZA
AFL12015SY/CH	5962-0255201HYA	GEM12107QEA	5962-8779107EA	LM124A (GEN)	5962R9950401QCA
AFL12015SY/CH	5962-0255201HYC	GEM12107QEC	5962-8779107EC	LM124A (GEN)	5962R9950401QDA
AFL12015SZ/CH	5962-0255201HZA	DAC121S101-MDE	5962R0722602V9A	LM124A (GEN)	5962R9950401QZA
AFL12015SZ/CH	5962-0255201HZC	DAC121S101-MDR	5962R0722601V9A	LM124AE/883	77043022A
LM120H-15 (GEN)	7704004XA	DAC121S101WGRLV	5962R0722602VZA	LM124AFKB	77043022A
LM120H-15 (GEN)	7704004YA	DAC121S101WGRQV	5962R0722601VZA	LM124AJ/883	7704302CA
LM120H-24 (GEN)	7704005XA	GEM12112Q2A	5962-87791122A	LM124AJB	7704302CA
LM120H-24 (GEN)	7704005YA	GEM12112Q2C	5962-87791122C	LM124AJQMLV	5962-9950403VCA
AFL12028SW/CH	5962-0255301HUA	GEM12112QEA	5962-8779112EA	LM124AJRLQMLV	5962R9950402VCA
AFL12028SW/CH	5962-0255301HUC	GEM12112QEC	5962-8779112EC	LM124AJRQMLV	5962R9950401VCA
AFL12028SX/CH	5962-0255301HXA	HS-1212 (GEN)	5962F9683101VPA	LM124AKGD-SP	5962-9950403V9B
AFL12028SX/CH	5962-0255301HXC	HS-1212 (GEN)	5962F9683101VPC	LM124AWB	7704302DA
AFL12028SY/CH	5962-0255301HYA	EPC1213 (GEN)	5962-9474501MPA	LM124AWG/883	7704302XA
AFL12028SY/CH	5962-0255301HYC	EV12DS130AMGC-V	5962-1522201VZF	LM124AWGRLQMLV	5962R9950402VZA
AFL12028SZ/CH	5962-0255301HZA	EV12DS130AMGS-V	5962-1522201VYF	LM124AWGRQMLV	5962R9950401VZA
AFL12028SZ/CH	5962-0255301HZC	EV12DS130AMLG-V	5962-1522201VXC	LM124AWRLQMLV	5962R9950402VDA
120325 (GEN)	5962-8751301XA	EV12DS130BMGC-V	5962-1522202VZF	LM124AWRQMLV	5962R9950401VDA
12032-501 (GEN)	5962-01A1301QXC	EV12DS130BMGS-V	5962-1522202VYF	LM124FKB	77043012A
AFL1203R3SW/CH	5962-0254801HUA	EV12DS130BMLG-V	5962-1522202VXC	LM124J/883	7704301CA
AFL1203R3SW/CH	5962-0254801HUC	LT1213 (GEN)	5962-9566501MPA	LM124JB	7704301CA
AFL1203R3SX/CH	5962-0254801HXA	LT1215 (GEN)	5962-9564101MPA	LM124JQMLV	5962-7704301VCA
AFL1203R3SX/CH	5962-0254801HXC	LT1215A (GEN)	5962-9564102MPA	LM124WB	7704301DA
AFL1203R3SY/CH	5962-0254801HYA	ST12154 (GEN)	5962H93A0501QXC	1240-PG132B	5962-9322101MXA
AFL1203R3SY/CH	5962-0254801HYC	ST12155 (GEN)	5962R93A0601QY	1240-PG132B	5962-9322101MXC



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
1240-1PG132B	5962-9322102MXA	TH1SEHabcDDMQ	5962-01B0115Q9A	MAX1259 (GEN)	5962-9326401MEA
1240-1PG132B	5962-9322102MXC	TH1SEHabcDDSV	5962-01B0115V9A	MAX1259MLP/883B	5962-9326401M2C
GEM12401B2A	5962-86713012A	LT1243 (GEN)	5962-9319003MPA	MSK1259B	5962-9566801HXC
GEM12401B2C	5962-86713012C	MTLT1244QD8	5962-9319004MPA	MSK1259B (GEN)	5962-9566801HXA
GEM12401BRA	5962-8671301RA	ADC12441 (GEN)	5962-9157802MXA	1258-12 (GEN)	8515203XA
GEM12401BRC	5962-8671301RC	HS-1245 (GEN)	5962F9683201VCA	1259-15 (GEN)	8515201XA
GEM12401BSA	5962-8671301SA	LT1245 (GEN)	5962-9319005MPA	1259-20 (GEN)	8515202XA
GEM12401BSC	5962-8671301SC	TGC1245 (GEN)	5962-94B0513Q4A	LM126H/883	5962-8993001MIA
ADC1241 (GEN)	5962-9157801MXA	TGC1245 (GEN)	5962-94B0513Q5A	PAL12H6 (GEN)	81035022A
LT1241 (GEN)	5962-9319001MPA	TGC1245 (GEN)	5962-94B0513Q6A	PAL12H6 (GEN)	8103502RA
LT1242 (GEN)	5962-9319002MPA	TGC1245 (GEN)	5962-94B0513QMA	PAL12H6 (GEN)	8103502SA
TH1242ERHabc*MQ	5962-08B0103Q*C	TGC1245 (GEN)	5962-94B0513QNA	PAL12H6A (GEN)	8103511RA
TH1242ERHabc*SR	5962R08B0103V*C	TGC1245 (GEN)	5962-94B0513QTA	PAL12L6 (GEN)	81035072A
TH1242ERHabc*SV	5962-08B0103V*C	TGC1245 (GEN)	5962-94B0513QUA	PAL12L6 (GEN)	8103507RA
TH1242ESHabc*MQ	5962-08B0107Q*C	TGC1245 (GEN)	5962-94B0513QXA	PAL12L6 (GEN)	8103507SA
TH1242ESHabc*SR	5962R08B0107V*C	TGC1245 (GEN)	5962-94B0513QYA	PAL12L6A (GEN)	8103515RA
TH1242ESHabc*SV	5962-08B0107V*C	TGC1245 (GEN)	5962-94B0513QZA	12-65 (GEN)	5962-9460801MXA
TH1242Rabc_MQ	5962-01B0119Q_C	ADC12451 (GEN)	5962-9157804QJA	MG1265 (GEN)	5962-00B0114Q*C
TH1242RabcDDMQ	5962-01B0119Q9A	LM12458 (GEN)	5962-9319501MXC	MG1265 (GEN)	5962-00B0114Q9A
TH1242RHabc*MQ	5962-01B0103Q*C	LM12458 (GEN)	5962-9319501MYA	MG1265E (GEN)	5962-00B0106Q*C
TH1242RHabc*MQ	5962-08B0119Q*C	LM12H458 (GEN)	5962-9319502MXC	MG1265E (GEN)	5962-00B0106Q9A
TH1242RHabc*SR	5962R01B0103V*C	LM12H458 (GEN)	5962-9319502MYA	MG1265E (GEN)	5962-00B0106V*C
TH1242RHabc*SV	5962-01B0103V*C	LM12H458 (GEN)	5962-9319502QZA	MG1265E (GEN)	5962-00B0106V9A
TH1242RHabcDDMQ	5962-01B0103Q9A	ACS125 (GEN)	5962F9670501VCC	12C68-35 (GEN)	5962-9459903MXA
TH1242RHabcDDSV	5962-01B0103V9A	ACS125 (GEN)	5962F9670501VXC	12C68-35 (GEN)	5962-9459903MYA
TH1242Sabc_MQ	5962-01B0123Q_C	ACTS125 (GEN)	5962F9671501VCC	12C68-45 (GEN)	5962-9459902MXA
TH1242SabcDDMQ	5962-01B0123Q9A	ACTS125 (GEN)	5962F9671501VXC	12C68-45 (GEN)	5962-9459902MYA
TH1242SHabc*MQ	5962-01B0107Q*C	HCS125 (GEN)	5962R9580301V9A	12C68-55 (GEN)	5962-9459901MXA
TH1242SHabc*MQ	5962-08B0123Q*C	HCS125 (GEN)	5962R9580301VCC	12C68-55 (GEN)	5962-9459901MYA
TH1242SHabc*SR	5962R01B0107V*C	HCS125 (GEN)	5962R9580301VXC	HS-2700A (GEN)	5962D9567001VCA
TH1242SHabc*SV	5962-01B0107V*C	12-50 (GEN)	5962-9460802MXA	HS-2700A (GEN)	5962D9567001VGA
TH1242SHabcDDMQ	5962-01B0107Q9A	1250A (GEN)	5962-9097801HXC	12775-DESC	5962-0252201EXA
TH1242SHabcDDSV	5962-01B0107V9A	ACS125 (GEN)	5962F9670502V9A	RHFAD128D2V	5962F1820401V9A
TH1M242ERHabc*MQ	5962-08B0111Q*C	ACS125 (GEN)	5962F9670502VCC	RHFAD128K01V	5962F1820401VXC
TH1M242ERHabc*SR	5962R08B0111V*C	ACS125 (GEN)	5962F9670502VXC	RHFAD128K02V	5962F1820401VXA
TH1M242ERHabc*SV	5962-08B0111V*C	ACTS125 (GEN)	5962F9671502V9A	1280 (GEN)	5962-9215601MUC
TH1M242ESHabc*MQ	5962-08B0115Q*C	ACTS125 (GEN)	5962F9671502VCC	1280 (GEN)	5962-9215601MZA
TH1M242ESHabc*SR	5962R08B0115V*C	ACTS125 (GEN)	5962F9671502VXC	1280 (GEN)	5962-9215601Q9A
TH1M242ESHabc*SV	5962-08B0115V*C	ML12509E1	5962-8774801MEA	1280 (GEN)	5962-9215601Q9B
TH1M242RHabc*MQ	5962-08B0127Q*C	ML12509F1	5962-8774801MFA	1280XL (GEN)	5962-9215604Q9D
TH1M242SHabc*MQ	5962-08B0131Q*C	ADC1251 (GEN)	5962-9157803QJA	1280XL (GEN)	5962-9215604QXC
TH1RDabc_MQ	5962-01B0127Q_C	SL12511E1	5962-8774301MEA	1280XL (GEN)	5962-9215604QYC
TH1RDabcDDMQ	5962-01B0127Q9A	SL12511F1	5962-8774301MFA	A1280-CQ172B	5962-9215601MYA
TH1REHabc_MQ	5962-01B0111Q_C	ML12513E1	5962-8774901MEA	A1280-CQ172B	5962-9215601MYC
TH1REHabc_SR	5962R01B0111V_C	ML12540/B2A	5962-87752012A	A1280-PG176B	5962-9215601MXA
TH1REHabc_SV	5962-01B0111V_C	ML12540/BCA	5962-8775201CA	A1280-PG176B	5962-9215601MXC
TH1REHabcDDSV	5962-01B0111V9A	TH1256AabcYDMQ	5962-01B0133Q8C	MTLT1280QD	5962-9172903MVA
TH1SDabc_MQ	5962-01B0131Q_C	TH1256AabcYDSR	5962R01B0133V8C	RH1280 (GEN)	5962F9215603Q9C
TH1SDabcDDMQ	5962-01B0131Q9A	TH1256AabcYDSV	5962-01B0133V8C	RH1280 (GEN)	5962F9215603Q9C
TH1SEHabc_MQ	5962-01B0115Q_C	TH1256AabcYEMQ	5962-01B0133Q7C	1280-1 (GEN)	5962-9215602MUC
TH1SEHabc_SR	5962R01B0115V_C	TH1256AabcYESR	5962R01B0133V7C	1280-1 (GEN)	5962-9215602MZA
TH1SEHabc_SV	5962-01B0115V_C	TH1256AabcYESV	5962-01B0133V7C	1280XL-1 (GEN)	5962-9215605QXC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
1280XL-1 (GEN)	5962-9215605QYC	WS128K32-100G4Q	5962-9559502HXA	WF128K32N-120HQ	5962-9461003HZA
A1280-1CQ172B	5962-9215602MYA	WS128K32-100G4Q	5962-9559502HXC	WF128K32N-120HQ	5962-9461003HZC
A1280-1CQ172B	5962-9215602MYC	WS128K32-100G4TQ	5962-9559502HYA	WF128K32N-120HQ5	5962-9471602HYA
A1280-1PG176B	5962-9215602MXA	WS128K32-100G4TQ	5962-9559502HYC	WF128K32N-120HQ5	5962-9471602HYC
A1280-1PG176B	5962-9215602MXC	128K32-120 (GEN)	5962-9318701HTA	WF128K32N-120HSQ	5962-9461003HYA
MTLT1281QD	5962-9172904MEA	128K32-120 (GEN)	5962-9318701HUA	WF128K32N-120HSQ	5962-9461003HYC
ADC128S102-MDR	5962R0722701V9A	128K32-120 (GEN)	5962-9318701HXA	WF128K32N-120HSQ5	5962-9471602HZA
ADC128S102WGRQV	5962R0722701VZA	128K32-120 (GEN)	5962-9318701HYA	WF128K32N-120HSQ5	5962-9471602HZC
ADC128S102WRQV	5962R0722701VFA	128K32-120 (GEN)	5962-9458506H4A	WF128K32NA-120H1Q	5962-9471602H7A
12811-DESC	5962-0254001EXA	128K32-120 (GEN)	5962-9458506H5A	WF128K32NA-120H1Q	5962-9471602H7C
WE128K16-150CQ	5962-9668904HXC	128K32-120 (GEN)	5962-9458506H6A	WF128K32NA-120HQ5	5962-9471602HWA
WE128K16-150CQA	5962-9668904HXA	128K32-120 (GEN)	5962-9458506H9A	WF128K32NA-120HQ5	5962-9471602HWC
WE128K16-200CQ	5962-9668903HXC	128K32-120 (GEN)	5962-9458506HBA	WF128K32NA-120HSQ	5962-9471602HXA
WE128K16-200CQA	5962-9668903HXA	128K32-120 (GEN)	5962-9458506HMA	WF128K32NA-120HSQ	5962-9471602HXC
WE128K16-250CQ	5962-9668902HXC	128K32-120 (GEN)	5962-9458506HNC	WS128K32-120H1Q	5962-9318701H5A
WE128K16-250CQA	5962-9668902HXA	128K32-120 (GEN)	5962-9458506HTA	WS128K32-120H1Q	5962-9318701H5C
WE128K16-300CQ	5962-9668901HXC	128K32-120 (GEN)	5962-9458506HUA	WS128K32N-120H1Q	5962-9318701H4C
WE128K16-300CQA	5962-9668901HXA	128K32-120 (GEN)	5962-9458506HXA	WF128K32N-120H1Q	5962-9461003H4A
128K16-37 (GEN)	5962-9690002H9A	128K32-120 (GEN)	5962-9458506HYA	WF128K32N-120H1Q	5962-9461003H4C
128K16-37 (GEN)	5962-9690002HBA	AS8F128K32Q1-120	5962-9471602HAA	WF128K32NA-120H1Q	5962-9461003H5A
128K16-37 (GEN)	5962-9690002HMA	AS8F128K32Q1-120	5962-9471602HAC	WF128K32NA-120H1Q	5962-9461003H5C
128K16-37 (GEN)	5962-9690002HXA	AS8F128K32Q-120	5962-9471602HMA	WS128K32-120G1TQ	5962-9559501HBA
128K16-37 (GEN)	5962-9690002HYA	AS8F128K32Q-120	5962-9471602HMC	WS128K32-120G1TQ	5962-9559501HBC
128K16-72 (GEN)	5962-9690001H9A	WF128K32-120G1TQ5	5962-9471602HBA	WS128K32-120G1UQ	5962-9559501H9A
128K16-72 (GEN)	5962-9690001HBA	WF128K32-120G1TQ5	5962-9471602HBC	WS128K32-120G1UQ	5962-9559501H9C
128K16-72 (GEN)	5962-9690001HMA	WF128K32-120G1UQ5	5962-9471602H9A	WF128K32-120G2Q	5962-9461003HMA
128K16-72 (GEN)	5962-9690001HXA	WF128K32-120G1UQ5	5962-9471602H9C	WF128K32-120G2Q	5962-9461003HMC
128K16-72 (GEN)	5962-9690001HYA	WF128K32-120G2LQ5	5962-9471602HAA	WS128K32-120G2Q	5962-9559501HMA
ADS1282-RHA	5962L1423101VXC	WF128K32-120G2LQ5	5962-9471602HAC	WS128K32-120G2Q	5962-9559501HMC
ADS1282-RHA	5962L1423102VXC	WF128K32-120G2Q5	5962-9471602HMA	WS128K32-120G2UQ	5962-9559501HNA
128K32-17 (GEN)	5962-9559510HZA	WF128K32-120G2Q5	5962-9471602HMC	WS128K32-120G2UQ	5962-9559501HNC
128K32-20 (GEN)	5962-9559509HZA	WF128K32-120G2UQ5	5962-9471602HNA	WF128K32-120G4Q	5962-9461003HNC
128K32-25 (GEN)	5962-9559508HZA	WF128K32-120G2UQ5	5962-9471602HNC	WS128K32-120G4Q	5962-9559501HXA
128K32-35 (GEN)	5962-9559507HZA	WF128K32-120G4Q5	5962-9471602H4C	WS128K32-120G4Q	5962-9559501HXC
128K32-45 (GEN)	5962-9559506HZA	WF128K32-120H1Q5	5962-9471602H6A	WS128K32-120G4TQ	5962-9559501HYA
128K32-55 (GEN)	5962-9559505HZA	WF128K32-120H1Q5	5962-9471602H6C	WS128K32-120G4TQ	5962-9559501HYC
128K32-100 (GEN)	5962-9318702HTA	WF128K32-120HQ	5962-9461003HXA	128K32-120 (GEN)	5962-9553802HYA
128K32-100 (GEN)	5962-9318702HUA	WF128K32-120HQ	5962-9461003HXC	128K32-120 (GEN)	5962-9553802HXA
128K32-100 (GEN)	5962-9318702HXA	WF128K32-120HQ5	5962-9471602HUA	WE128K32-140G1TQ	5962-9458505HBA
128K32-100 (GEN)	5962-9318702HYA	WF128K32-120HQ5	5962-9471602HUC	WE128K32-140G1TQ	5962-9458505HBC
WS128K32-100H1Q	5962-9318702H5A	WF128K32-120HSQ	5962-9461003HWA	WE128K32-140G1UQ	5962-9458505H9A
WS128K32-100H1Q	5962-9318702H5C	WF128K32-120HSQ	5962-9461003HWC	WE128K32-140G1UQ	5962-9458505H9C
WS128K32N-100H1Q	5962-9318702H4A	WF128K32-120HSQ5	5962-9471602HVA	WE128K32-140G2Q	5962-9458505HMA
WS128K32N-100H1Q	5962-9318702H4C	WF128K32-120HSQ5	5962-9471602HVC	WE128K32-140G2Q	5962-9458505HMC
WS128K32-100G1TQ	5962-9559502HBA	WF128K32A-120H1Q5	5962-9471602H5A	WE128K32-140G4Q	5962-9458505HNC
WS128K32-100G1TQ	5962-9559502HBC	WF128K32A-120H1Q5	5962-9471602H5C	WE128K32-140H1Q	5962-9458505H5A
WS128K32-100G1UQ	5962-9559502H9A	WF128K32A-120HQ5	5962-9471602HSA	WE128K32-140H1Q	5962-9458505H5C
WS128K32-100G1UQ	5962-9559502H9C	WF128K32A-120HQ5	5962-9471602HSC	WE128K32-140HQ	5962-9458505HXA
WS128K32-100G2Q	5962-9559502HMA	WF128K32A-120HSQ5	5962-9471602HTA	WE128K32-140HQ	5962-9458505HXC
WS128K32-100G2Q	5962-9559502HMC	WF128K32A-120HSQ5	5962-9471602HTC	WE128K32-140HQ	5962-9458505HYA
WS128K32-100G2UQ	5962-9559502HNA	WF128K32N-120H1Q5	5962-9471602H8A	WE128K32-140HQ	5962-9458505HYC
WS128K32-100G2UQ	5962-9559502HNC	WF128K32N-120H1Q5	5962-9471602H8C	WE128K32N-140H1Q	5962-9458505H4A

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
WE128K32N-140H1Q	5962-9458505H4C	WF128K32-150G4Q5	5962-9471601H4C	WS128K32-15G2UQ	5962-9559511HMA
WE128K32N-140HQ	5962-9458505HTA	WF128K32-150H1Q5	5962-9471601H6A	WS128K32-15G2UQ	5962-9559511HMC
WE128K32N-140HQ	5962-9458505HTC	WF128K32-150H1Q5	5962-9471601H6C	WS128K32-15G2UQ	5962-9559511HNA
WE128K32N-140HQ	5962-9458505HUA	WF128K32-150HQ	5962-9461002HXA	WS128K32-15G2UQ	5962-9559511HNC
WE128K32N-140HQ	5962-9458505HUC	WF128K32-150HQ	5962-9461002HXC	WS128K32H-15G2LQ	5962-9559518HAA
WE128K32NP-140H1Q	5962-9458505H6A	WF128K32-150HQ5	5962-9471601HUA	WS128K32H-15G2LQ	5962-9559518HAC
WE128K32NP-140H1Q	5962-9458505H6C	WF128K32-150HQ5	5962-9471601HUC	WS128K32H-15G2UQ	5962-9559518HMA
WE128K32-150HQ	5962-9458504HXA	WF128K32-150HSQ	5962-9461002HWA	WS128K32H-15G2UQ	5962-9559518HMC
WE128K32-150HQ	5962-9458504HXC	WF128K32-150HSQ	5962-9461002HWC	WS128K32H-15G2UQ	5962-9559518HNA
WE128K32-150HQ	5962-9458504HYA	WF128K32-150HSQ5	5962-9471601HVA	WS128K32H-15G2UQ	5962-9559518HNC
WE128K32-150HQ	5962-9458504HYC	WF128K32-150HSQ5	5962-9471601HVC	WS128K32-15G4Q	5962-9559511HXA
WE128K32N-150HQ	5962-9458504HTA	WF128K32A-150H1Q5	5962-9471601H5A	WS128K32-15G4Q	5962-9559511HXC
WE128K32N-150HQ	5962-9458504HTC	WF128K32A-150H1Q5	5962-9471601H5C	WS128K32-15G4TQ	5962-9559511HYA
WE128K32N-150HQ	5962-9458504HUA	WF128K32A-150HQ5	5962-9471601HSA	WS128K32-15G4TQ	5962-9559511HYC
WE128K32N-150HQ	5962-9458504HUC	WF128K32A-150HQ5	5962-9471601HSC	WS128K32H-15G4Q	5962-9559518HXA
WS128K32-15H1Q	5962-9318711H5A	WF128K32A-150HSQ5	5962-9471601HTA	WS128K32H-15G4Q	5962-9559518HXC
WS128K32-15H1Q	5962-9318711H5C	WF128K32A-150HSQ5	5962-9471601HTC	WS128K32H-15G4TQ	5962-9559518HYA
WS128K32H-15H1Q	5962-9318718H5A	WF128K32N-150H1Q5	5962-9471601H8A	WS128K32H-15G4TQ	5962-9559518HYC
WS128K32H-15H1Q	5962-9318718H5C	WF128K32N-150H1Q5	5962-9471601H8C	128K32-17 (GEN)	5962-9318710HMA
WS128K32N-15H1Q	5962-9318711H4A	WF128K32N-150HQ	5962-9461002HZA	128K32-17 (GEN)	5962-9318710HNA
WS128K32N-15H1Q	5962-9318711H4C	WF128K32N-150HQ	5962-9461002HZC	128K32-17 (GEN)	5962-9318710HTA
WS128K32NH-15H1Q	5962-9318718H4A	WF128K32N-150HQ5	5962-9471601HYA	128K32-17 (GEN)	5962-9318710HUA
WS128K32NH-15H1Q	5962-9318718H4C	WF128K32N-150HQ5	5962-9471601HYC	128K32-17 (GEN)	5962-9318710HXA
128K32-150 (GEN)	5962-9458509HMA	WF128K32N-150HSQ	5962-9461002HYA	128K32-17 (GEN)	5962-9318710HYA
128K32-150 (GEN)	5962-9458509HZC	WF128K32N-150HSQ	5962-9461002HYC	128K32-17 (GEN)	5962-9318717HMA
AS8F128K32Q1-150	5962-9471601HAA	WF128K32N-150HSQ5	5962-9471601HZA	128K32-17 (GEN)	5962-9318717HNA
AS8F128K32Q1-150	5962-9471601HAC	WF128K32N-150HSQ5	5962-9471601HZC	128K32-17 (GEN)	5962-9318717HTA
AS8F128K32Q-150	5962-9471601HMA	WF128K32NA-150H1Q	5962-9471601H7A	128K32-17 (GEN)	5962-9318717HUA
AS8F128K32Q-150	5962-9471601HMC	WF128K32NA-150H1Q	5962-9471601H7C	128K32-17 (GEN)	5962-9318717HXA
WE128K32-150G1TQ	5962-9458504HBA	WF128K32NA-150HQ5	5962-9471601HWA	128K32-17 (GEN)	5962-9318717HYA
WE128K32-150G1TQ	5962-9458504HBC	WF128K32NA-150HQ5	5962-9471601HWC	AS8S128K32P-17	5962-9318710H5A
WE128K32-150G1UQ	5962-9458504H9A	WF128K32NA-150HSQ	5962-9471601HXA	AS8S128K32P-17	5962-9318710H5C
WE128K32-150G1UQ	5962-9458504H9C	WF128K32NA-150HSQ	5962-9471601HXC	AS8S128K32PN-17	5962-9318710H4A
WE128K32-150G2Q	5962-9458504HMA	WF128K32N-150H1Q	5962-9461002H4A	AS8S128K32PN-17	5962-9318710H4C
WE128K32-150G2Q	5962-9458504HMC	WF128K32N-150H1Q	5962-9461002H4C	AS8S128K32Q1-17	5962-9559510HAA
WE128K32-150G4Q	5962-9458504HNC	WF128K32NA-150H1Q	5962-9461002H5A	AS8S128K32Q1-17	5962-9559510HAC
WE128K32-150H1Q	5962-9458504H5A	WF128K32NA-150H1Q	5962-9461002H5C	AS8S128K32Q1-17	5962-9559517HAA
WE128K32-150H1Q	5962-9458504H5C	WF128K32-150G2Q	5962-9461002HMA	AS8S128K32Q1-17	5962-9559517HAC
WE128K32N-150H1Q	5962-9458504H4A	WF128K32-150G2Q	5962-9461002HMC	AS8S128K32Q-17	5962-9559510HMA
WE128K32N-150H1Q	5962-9458504H4C	WF128K32-150G4Q	5962-9461002HNC	AS8S128K32Q-17	5962-9559510HMC
WE128K32NP-150H1Q	5962-9458504H6A	128K32-150 (GEN)	5962-9553801HYA	AS8S128K32Q-17	5962-9559517HMA
WE128K32NP-150H1Q	5962-9458504H6C	128K32-150 (GEN)	5962-9553801HXA	AS8S128K32Q-17	5962-9559517HMC
WF128K32-150G1TQ5	5962-9471601HBA	WS128K32-15G1TQ	5962-9559511HBA	WS128K32-17H1Q	5962-9318710H5A
WF128K32-150G1TQ5	5962-9471601HBC	WS128K32-15G1TQ	5962-9559511HBC	WS128K32-17H1Q	5962-9318710H5C
WF128K32-150G1UQ5	5962-9471601H9A	WS128K32-15G1UQ	5962-9559511H9A	WS128K32H-17H1Q	5962-9318717H5A
WF128K32-150G1UQ5	5962-9471601H9C	WS128K32-15G1UQ	5962-9559511H9C	WS128K32H-17H1Q	5962-9318717H5C
WF128K32-150G2LQ5	5962-9471601HAA	WS128K32H-15G1TQ	5962-9559518HBA	WS128K32N-17H1Q	5962-9318710H4A
WF128K32-150G2LQ5	5962-9471601HAC	WS128K32H-15G1TQ	5962-9559518HBC	WS128K32N-17H1Q	5962-9318710H4C
WF128K32-150G2Q5	5962-9471601HMA	WS128K32H-15G1UQ	5962-9559518H9A	WS128K32NH-17H1Q	5962-9318717H4A
WF128K32-150G2Q5	5962-9471601HMC	WS128K32H-15G1UQ	5962-9559518H9C	WS128K32NH-17H1Q	5962-9318717H4C
WF128K32-150G2UQ5	5962-9471601HNA	WS128K32-15G2LQ	5962-9559511HAA	WS128K32-17G1TQ	5962-9559510HBA
WF128K32-150G2UQ5	5962-9471601HNC	WS128K32-15G2LQ	5962-9559511HAC	WS128K32-17G1TQ	5962-9559510HBC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
WS128K32-17G1UQ	5962-9559510H9A	WE128K32-200HQ	5962-9458503HYA	WS128K32-20G2LQ	5962-9559509HAA
WS128K32-17G1UQ	5962-9559510H9C	WE128K32-200HQ	5962-9458503HYC	WS128K32-20G2LQ	5962-9559509HAC
WS128K32H-17G1TQ	5962-9559517HBA	WE-128K32N-200HQ	5962-9458503HUA	WS128K32-20G2UQ	5962-9559509HMA
WS128K32H-17G1TQ	5962-9559517HBC	WE128K32N-200HQ	5962-9458503HTA	WS128K32-20G2UQ	5962-9559509HMC
WS128K32H-17G1UQ	5962-9559517H9A	WE128K32N-200HQ	5962-9458503HTC	WS128K32-20G2UQ	5962-9559509HNA
WS128K32H-17G1UQ	5962-9559517H9C	WE128K32N-200HQ	5962-9458503HUC	WS128K32-20G2UQ	5962-9559509HNC
WS128K32-17G2LQ	5962-9559510HAA	WS128K32-20H1Q	5962-9318709H5A	WS128K32H-20G2LQ	5962-9559516HAA
WS128K32-17G2LQ	5962-9559510HAC	WS128K32-20H1Q	5962-9318709H5C	WS128K32H-20G2LQ	5962-9559516HAC
WS128K32-17G2UQ	5962-9559510HMA	WS128K32H-20H1Q	5962-9318716H5A	WS128K32H-20G2UQ	5962-9559516HMA
WS128K32-17G2UQ	5962-9559510HMC	WS128K32H-20H1Q	5962-9318716H5C	WS128K32H-20G2UQ	5962-9559516HMC
WS128K32-17G2UQ	5962-9559510HNA	WS128K32N-20H1Q	5962-9318709H4A	WS128K32H-20G2UQ	5962-9559516HNA
WS128K32-17G2UQ	5962-9559510HNC	WS128K32N-20H1Q	5962-9318709H4C	WS128K32H-20G2UQ	5962-9559516HNC
WS128K32H-17G2LQ	5962-9559517HAA	WS128K32NH-20H1Q	5962-9318716H4A	WS128K32-20G4Q	5962-9559509HXA
WS128K32H-17G2LQ	5962-9559517HAC	WS128K32NH-20H1Q	5962-9318716H4C	WS128K32-20G4Q	5962-9559509HXC
WS128K32H-17G2UQ	5962-9559517HMA	128K32-200 (GEN)	5962-9458508HMA	WS128K32-20G4TQ	5962-9559509HYA
WS128K32H-17G2UQ	5962-9559517HMC	128K32-200 (GEN)	5962-9458508HZC	WS128K32-20G4TQ	5962-9559509HYC
WS128K32H-17G2UQ	5962-9559517HNA	WE128K32-200G1TQ	5962-9458503HBA	WS128K32H-20G4Q	5962-9559516HXA
WS128K32H-17G2UQ	5962-9559517HNC	WE128K32-200G1TQ	5962-9458503HBC	WS128K32H-20G4Q	5962-9559516HXC
WS128K32-17G4Q	5962-9559510HXA	WE128K32-200G1UQ	5962-9458503H9A	WS128K32H-20G4TQ	5962-9559516HYA
WS128K32-17G4Q	5962-9559510HXC	WE128K32-200G1UQ	5962-9458503H9C	WS128K32H-20G4TQ	5962-9559516HYC
WS128K32-17G4TQ	5962-9559510HYA	WE128K32-200G2Q	5962-9458503HMA	128K32-25 (GEN)	5962-9318708HNA
WS128K32-17G4TQ	5962-9559510HYC	WE128K32-200G2Q	5962-9458503HMC	128K32-25 (GEN)	5962-9318708HTC
WS128K32H-17G4Q	5962-9559517HXA	WE128K32-200G4Q	5962-9458503HNC	128K32-25 (GEN)	5962-9318708HUA
WS128K32H-17G4Q	5962-9559517HXC	WE128K32-200H1Q	5962-9458503H5A	128K32-25 (GEN)	5962-9318708HXA
WS128K32H-17G4TQ	5962-9559517HYA	WE128K32-200H1Q	5962-9458503H5C	128K32-25 (GEN)	5962-9318708HYA
WS128K32H-17G4TQ	5962-9559517HYC	WE128K32N-200H1Q	5962-9458503H4A	128K32-25 (GEN)	5962-9318715HMA
128K32-20 (GEN)	5962-9318709HMA	WE128K32N-200H1Q	5962-9458503H4C	128K32-25 (GEN)	5962-9318715HNA
128K32-20 (GEN)	5962-9318709HNA	WE128K32NP-200H1Q	5962-9458503H6A	128K32-25 (GEN)	5962-9318715HTA
128K32-20 (GEN)	5962-9318709HTA	WE128K32NP-200H1Q	5962-9458503H6C	128K32-25 (GEN)	5962-9318715HUA
128K32-20 (GEN)	5962-9318709HUA	WF128K32-200HQ	5962-9461001HXA	128K32-25 (GEN)	5962-9318715HXA
128K32-20 (GEN)	5962-9318709HXA	WF128K32-200HQ	5962-9461001HXC	128K32-25 (GEN)	5962-9318715HYA
128K32-20 (GEN)	5962-9318709HYA	WF128K32-200HSQ	5962-9461001HWA	AS8S128K32P-25	5962-9318708H5A
128K32-20 (GEN)	5962-9318716HMA	WF128K32-200HSQ	5962-9461001HWC	AS8S128K32P-25	5962-9318708H5C
128K32-20 (GEN)	5962-9318716HNA	WF128K32N-200HQ	5962-9461001HZA	AS8S128K32P-25/883C	5962-9318708H5C
128K32-20 (GEN)	5962-9318716HTA	WF128K32N-200HQ	5962-9461001HZC	AS8S128K32PN-25	5962-9318708H4A
128K32-20 (GEN)	5962-9318716HUA	WF128K32N-200HSQ	5962-9461001HYA	AS8S128K32PN-25	5962-9318708H4C
128K32-20 (GEN)	5962-9318716HXA	WF128K32N-200HSQ	5962-9461001HYC	AS8S128K32Q1-25	5962-9559508HAA
128K32-20 (GEN)	5962-9318716HYA	WF128K32N-200H1Q	5962-9461001H4A	AS8S128K32Q1-25	5962-9559508HAC
AS8S128K32P-20	5962-9318709H5A	WF128K32N-200H1Q	5962-9461001H4C	AS8S128K32Q1-25	5962-9559515HAA
AS8S128K32P-20	5962-9318709H5C	WF128K32NA-200H1Q	5962-9461001H5A	AS8S128K32Q1-25	5962-9559515HAC
AS8S128K32PN-20	5962-9318709H4A	WF128K32NA-200H1Q	5962-9461001H5C	AS8S128K32Q-25	5962-9559508HMA
AS8S128K32PN-20	5962-9318709H4C	WF128K32-200G2Q	5962-9461001HMA	AS8S128K32Q-25	5962-9559508HMC
AS8S128K32Q1-20	5962-9559509HAA	WF128K32-200G2Q	5962-9461001HMC	AS8S128K32Q-25	5962-9559515HMA
AS8S128K32Q1-20	5962-9559509HAC	WF128K32-200G4Q	5962-9461001HNC	AS8S128K32Q-25	5962-9559515HMC
AS8S128K32Q1-20	5962-9559516HAA	WS128K32-20G1TQ	5962-9559509HBA	WE128K32-250HQ	5962-9458502HXA
AS8S128K32Q1-20	5962-9559516HAC	WS128K32-20G1TQ	5962-9559509HBC	WE128K32-250HQ	5962-9458502HXC
AS8S128K32Q-20	5962-9559509HMA	WS128K32-20G1UQ	5962-9559509H9A	WE128K32-250HQ	5962-9458502HYA
AS8S128K32Q-20	5962-9559509HMC	WS128K32-20G1UQ	5962-9559509H9C	WE128K32-250HQ	5962-9458502HYC
AS8S128K32Q-20	5962-9559516HMA	WS128K32H-20G1TQ	5962-9559516HBA	WE128K32N-250HQ	5962-9458502HTA
AS8S128K32Q-20	5962-9559516HMC	WS128K32H-20G1TQ	5962-9559516HBC	WE128K32N-250HQ	5962-9458502HTC
WE128K32-200HQ	5962-9458503HXA	WS128K32H-20G1UQ	5962-9559516H9A	WE128K32N-250HQ	5962-9458502HUA
WE128K32-200HQ	5962-9458503HXC	WS128K32H-20G1UQ	5962-9559516H9C	WE128K32N-250HQ	5962-9458502HUC



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
WS128K32-25H1Q	5962-9318708H5A	WE128K32-300HQ	5962-9458501HXC	WS128K32-35G1TQ	5962-9559507HBA
WS128K32-25H1Q	5962-9318708H5C	WE128K32-300HQ	5962-9458501HYA	WS128K32-35G1TQ	5962-9559507HBC
WS128K32H-25H1Q	5962-9318715H5A	WE128K32-300HQ	5962-9458501HYC	WS128K32-35G1UQ	5962-9559507H9A
WS128K32H-25H1Q	5962-9318715H5C	WE128K32N-300HQ	5962-9458501HTA	WS128K32-35G1UQ	5962-9559507H9C
WS128K32N-25H1Q	5962-9318708H4A	WE128K32N-300HQ	5962-9458501HTC	WS128K32H-35G1TQ	5962-9559514HBA
WS128K32N-25H1Q	5962-9318708H4C	WE128K32N-300HQ	5962-9458501HUA	WS128K32H-35G1TQ	5962-9559514HBC
WS128K32NH-25H1Q	5962-9318715H4A	WE128K32N-300HQ	5962-9458501HUC	WS128K32H-35G1UQ	5962-9559514H9A
WS128K32NH-25H1Q	5962-9318715H4C	WE128K32-300G1TQ	5962-9458501HBA	WS128K32H-35G1UQ	5962-9559514H9C
128K32-250 (GEN)	5962-9458507HMA	WE128K32-300G1TQ	5962-9458501HBC	WS128K32-35G2LQ	5962-9559507HAA
128K32-250 (GEN)	5962-9458507HZC	WE128K32-300G1UQ	5962-9458501H9A	WS128K32-35G2LQ	5962-9559507HAC
WE128K32-250G1TQ	5962-9458502HBA	WE128K32-300G1UQ	5962-9458501H9C	WS128K32-35G2UQ	5962-9559507HMA
WE128K32-250G1TQ	5962-9458502HBC	WE128K32-300G2Q	5962-9458501HMA	WS128K32-35G2UQ	5962-9559507HMC
WE128K32-250G1UQ	5962-9458502H9A	WE128K32-300G2Q	5962-9458501HMC	WS128K32-35G2UQ	5962-9559507HNA
WE128K32-250G1UQ	5962-9458502H9C	WE128K32-300G4Q	5962-9458501HNC	WS128K32-35G2UQ	5962-9559507HNC
WE128K32-250G2Q	5962-9458502HMA	WE128K32-300H1Q	5962-9458501H5A	WS128K32H-35G2LQ	5962-9559514HAA
WE128K32-250G2Q	5962-9458502HMC	WE128K32-300H1Q	5962-9458501H5C	WS128K32H-35G2LQ	5962-9559514HAC
WE128K32-250G4Q	5962-9458502HNC	WE128K32N-300H1Q	5962-9458501H4A	WS128K32H-35G2UQ	5962-9559514HMA
WE128K32-250H1Q	5962-9458502H5A	WE128K32N-300H1Q	5962-9458501H4C	WS128K32H-35G2UQ	5962-9559514HMC
WE128K32-250H1Q	5962-9458502H5C	WE128K32NP-300H1Q	5962-9458501H6A	WS128K32H-35G2UQ	5962-9559514HNA
WE128K32N-250H1Q	5962-9458502H4A	WE128K32NP-300H1Q	5962-9458501H6C	WS128K32H-35G2UQ	5962-9559514HNC
WE128K32N-250H1Q	5962-9458502H4C	128K32-35 (GEN)	5962-9318707HMA	WS128K32-35G4Q	5962-9559507HXA
WE128K32NP-250H1Q	5962-9458502H6A	128K32-35 (GEN)	5962-9318707HNA	WS128K32-35G4Q	5962-9559507HXC
WE128K32NP-250H1Q	5962-9458502H6C	128K32-35 (GEN)	5962-9318707HTA	WS128K32-35G4TQ	5962-9559507HYA
WS128K32-25G1TQ	5962-9559508HBA	128K32-35 (GEN)	5962-9318707HUA	WS128K32-35G4TQ	5962-9559507HYC
WS128K32-25G1TQ	5962-9559508HBC	128K32-35 (GEN)	5962-9318707HXA	WS128K32H-35G4Q	5962-9559514HXA
WS128K32-25G1UQ	5962-9559508H9A	128K32-35 (GEN)	5962-9318707HYA	WS128K32H-35G4Q	5962-9559514HXC
WS128K32-25G1UQ	5962-9559508H9C	128K32-35 (GEN)	5962-9318714HMA	WS128K32H-35G4TQ	5962-9559514HYA
WS128K32H-25G1TQ	5962-9559515HBA	128K32-35 (GEN)	5962-9318714HNA	WS128K32H-35G4TQ	5962-9559514HYC
WS128K32H-25G1TQ	5962-9559515HBC	128K32-35 (GEN)	5962-9318714HTA	128K32-45 (GEN)	5962-9318706HMA
WS128K32H-25G1UQ	5962-9559515H9A	128K32-35 (GEN)	5962-9318714HUA	128K32-45 (GEN)	5962-9318706HNA
WS128K32H-25G1UQ	5962-9559515H9C	128K32-35 (GEN)	5962-9318714HXA	128K32-45 (GEN)	5962-9318706HTA
WS128K32-25G2LQ	5962-9559508HAA	128K32-35 (GEN)	5962-9318714HYA	128K32-45 (GEN)	5962-9318706HUA
WS128K32-25G2LQ	5962-9559508HAC	AS8S128K32P-35	5962-9318707H5A	128K32-45 (GEN)	5962-9318706HXA
WS128K32-25G2UQ	5962-9559508HMA	AS8S128K32P-35	5962-9318707H5C	128K32-45 (GEN)	5962-9318706HYA
WS128K32-25G2UQ	5962-9559508HMC	AS8S128K32PN-35	5962-9318707H4A	128K32-45 (GEN)	5962-9318713HMA
WS128K32-25G2UQ	5962-9559508HNA	AS8S128K32PN-35	5962-9318707H4C	128K32-45 (GEN)	5962-9318713HNA
WS128K32-25G2UQ	5962-9559508HNC	AS8S128K32Q1-35	5962-9559507HAA	128K32-45 (GEN)	5962-9318713HTA
WS128K32H-25G2LQ	5962-9559515HAA	AS8S128K32Q1-35	5962-9559507HAC	128K32-45 (GEN)	5962-9318713HUA
WS128K32H-25G2LQ	5962-9559515HAC	AS8S128K32Q1-35	5962-9559514HAA	128K32-45 (GEN)	5962-9318713HXA
WS128K32H-25G2UQ	5962-9559515HMA	AS8S128K32Q1-35	5962-9559514HAC	128K32-45 (GEN)	5962-9318713HYA
WS128K32H-25G2UQ	5962-9559515HMC	AS8S128K32Q-35	5962-9559507HMA	AS8S128K32P-45	5962-9318706H5A
WS128K32H-25G2UQ	5962-9559515HNA	AS8S128K32Q-35	5962-9559507HMC	AS8S128K32P-45	5962-9318706H5C
WS128K32H-25G2UQ	5962-9559515HNC	AS8S128K32Q-35	5962-9559514HMA	AS8S128K32PN-45	5962-9318706H4A
WS128K32-25G4Q	5962-9559508HXA	AS8S128K32Q-35	5962-9559514HMC	AS8S128K32PN-45	5962-9318706H4C
WS128K32-25G4Q	5962-9559508HXC	WS128K32-35H1Q	5962-9318707H5A	AS8S128K32Q1-45	5962-9559506HAA
WS128K32-25G4TQ	5962-9559508HYA	WS128K32-35H1Q	5962-9318707H5C	AS8S128K32Q1-45	5962-9559506HAC
WS128K32-25G4TQ	5962-9559508HYC	WS128K32H-35H1Q	5962-9318714H5A	AS8S128K32Q1-45	5962-9559513HAA
WS128K32H-25G4Q	5962-9559515HXA	WS128K32H-35H1Q	5962-9318714H5C	AS8S128K32Q1-45	5962-9559513HAC
WS128K32H-25G4Q	5962-9559515HXC	WS128K32N-35H1Q	5962-9318707H4A	AS8S128K32Q-45	5962-9559506HMA
WS128K32H-25G4TQ	5962-9559515HYA	WS128K32N-35H1Q	5962-9318707H4C	AS8S128K32Q-45	5962-9559506HMC
WS128K32H-25G4TQ	5962-9559515HYC	WS128K32NH-35H1Q	5962-9318714H4A	AS8S128K32Q-45	5962-9559513HMA
WE128K32-300HQ	5962-9458501HXA	WS128K32NH-35H1Q	5962-9318714H4C	AS8S128K32Q-45	5962-9559513HMC



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
WS128K32-45H1Q	5962-9318706H5A	AS8S128K32PN-55	5962-9318705H4C	WF128K32-60G1TQ5	5962-9471605HBC
WS128K32-45H1Q	5962-9318706H5C	AS8S128K32PN-55	5962-9318712H4A	WF128K32-60G1UQ5	5962-9471605H9A
WS128K32H-45H1Q	5962-9318713H5A	AS8S128K32PN-55	5962-9318712H4C	WF128K32-60G1UQ5	5962-9471605H9C
WS128K32H-45H1Q	5962-9318713H5C	AS8S128K32Q1-55	5962-9559505HAA	WF128K32-60G2LQ5	5962-9471605HAA
WS128K32N-45H1Q	5962-9318706H4A	AS8S128K32Q1-55	5962-9559505HAC	WF128K32-60G2LQ5	5962-9471605HAC
WS128K32N-45H1Q	5962-9318706H4C	AS8S128K32Q1-55	5962-9559512HAA	WF128K32-60G2Q5	5962-9471605HMA
WS128K32NH-45H1Q	5962-9318713H4A	AS8S128K32Q1-55	5962-9559512HAC	WF128K32-60G2Q5	5962-9471605HMC
WS128K32NH-45H1Q	5962-9318713H4C	AS8S128K32Q-55	5962-9559505HMA	WF128K32-60G2UQ5	5962-9471605HNA
WS128K32-45G1TQ	5962-9559506HBA	AS8S128K32Q-55	5962-9559505HMC	WF128K32-60G2UQ5	5962-9471605HNC
WS128K32-45G1TQ	5962-9559506HBC	AS8S128K32Q-55	5962-9559512HMA	WF128K32-60G4Q5	5962-9471605H4C
WS128K32-45G1UQ	5962-9559506H9A	AS8S128K32Q-55	5962-9559512HMC	WF128K32-60H1Q5	5962-9471605H6A
WS128K32-45G1UQ	5962-9559506H9C	WS128K32-55H1Q	5962-9318705H5A	WF128K32-60H1Q5	5962-9471605H6C
WS128K32H-45G1TQ	5962-9559513HBA	WS128K32-55H1Q	5962-9318705H5C	WF128K32-60HQ5	5962-9471605HUA
WS128K32H-45G1TQ	5962-9559513HBC	WS128K32H-55H1Q	5962-9318712H5A	WF128K32-60HQ5	5962-9471605HUC
WS128K32H-45G1UQ	5962-9559513H9A	WS128K32H-55H1Q	5962-9318712H5C	WF128K32-60HSQ5	5962-9471605HVA
WS128K32H-45G1UQ	5962-9559513H9C	WS128K32N-55H1Q	5962-9318705H4A	WF128K32-60HSQ5	5962-9471605HVC
WS128K32-45G2LQ	5962-9559506HAA	WS128K32N-55H1Q	5962-9318705H4C	WF128K32A-60H1Q5	5962-9471605H5A
WS128K32-45G2LQ	5962-9559506HAC	WS128K32NH-55H1Q	5962-9318712H4A	WF128K32A-60H1Q5	5962-9471605H5C
WS128K32-45G2UQ	5962-9559506HMA	WS128K32NH-55H1Q	5962-9318712H4C	WF128K32A-60HQ5	5962-9471605HSA
WS128K32-45G2UQ	5962-9559506HMC	WS128K32-55G1TQ	5962-9559505HBA	WF128K32A-60HQ5	5962-9471605HSC
WS128K32-45G2UQ	5962-9559506HNA	WS128K32-55G1TQ	5962-9559505HBC	WF128K32A-60HSQ5	5962-9471605HTA
WS128K32-45G2UQ	5962-9559506HNC	WS128K32-55G1UQ	5962-9559505H9A	WF128K32A-60HSQ5	5962-9471605HTC
WS128K32H-45G2LQ	5962-9559513HAA	WS128K32-55G1UQ	5962-9559505H9C	WF128K32N-60H1Q5	5962-9471605H8A
WS128K32H-45G2LQ	5962-9559513HAC	WS128K32H-55G1TQ	5962-9559512HBA	WF128K32N-60H1Q5	5962-9471605H8C
WS128K32H-45G2UQ	5962-9559513HMA	WS128K32H-55G1TQ	5962-9559512HBC	WF128K32N-60HQ5	5962-9471605HYA
WS128K32H-45G2UQ	5962-9559513HMC	WS128K32H-55G1UQ	5962-9559512H9A	WF128K32N-60HQ5	5962-9471605HYC
WS128K32H-45G2UQ	5962-9559513HNA	WS128K32H-55G1UQ	5962-9559512H9C	WF128K32N-60HSQ5	5962-9471605HZA
WS128K32H-45G2UQ	5962-9559513HNC	WS128K32-55G2LQ	5962-9559505HAA	WF128K32N-60HSQ5	5962-9471605HZC
WS128K32-45G4Q	5962-9559506HXA	WS128K32-55G2LQ	5962-9559505HAC	WF128K32NA-60H1Q5	5962-9471605H7A
WS128K32-45G4Q	5962-9559506HXC	WS128K32-55G2Q	5962-9559505HMA	WF128K32NA-60H1Q5	5962-9471605H7C
WS128K32-45G4TQ	5962-9559506HYA	WS128K32-55G2Q	5962-9559505HMC	WF128K32NA-60HQ5	5962-9471605HWA
WS128K32-45G4TQ	5962-9559506HYC	WS128K32-55G2UQ	5962-9559505HNA	WF128K32NA-60HQ5	5962-9471605HWC
WS128K32H-45G4Q	5962-9559513HXA	WS128K32-55G2UQ	5962-9559505HNC	WF128K32NA-60HSQ5	5962-9471605HXA
WS128K32H-45G4Q	5962-9559513HXC	WS128K32H-55G2LQ	5962-9559512HAA	WF128K32NA-60HSQ5	5962-9471605HXC
WS128K32H-45G4TQ	5962-9559513HYA	WS128K32H-55G2LQ	5962-9559512HAC	128K32-70 (GEN)	5962-9318704HTA
WS128K32H-45G4TQ	5962-9559513HYC	WS128K32H-55G2Q	5962-9559512HMA	128K32-70 (GEN)	5962-9318704HUA
128K32-55 (GEN)	5962-9318705HMA	WS128K32H-55G2UQ	5962-9559512HMC	128K32-70 (GEN)	5962-9318704HXA
128K32-55 (GEN)	5962-9318705HNA	WS128K32H-55G2UQ	5962-9559512HNA	128K32-70 (GEN)	5962-9318704HYA
128K32-55 (GEN)	5962-9318705HTA	WS128K32H-55G2UQ	5962-9559512HNC	AS8F128K32Q1-70	5962-9471604HAA
128K32-55 (GEN)	5962-9318705HUA	WS128K32-55G4Q	5962-9559505HXA	AS8F128K32Q1-70	5962-9471604HAC
128K32-55 (GEN)	5962-9318705HXA	WS128K32-55G4Q	5962-9559505HXC	AS8F128K32Q-70	5962-9471604HMA
128K32-55 (GEN)	5962-9318705HYA	WS128K32-55G4TQ	5962-9559505HYA	AS8F128K32Q-70	5962-9471604HMC
128K32-55 (GEN)	5962-9318712HMA	WS128K32-55G4TQ	5962-9559505HYC	WF128K32-70G1TQ5	5962-9471604HBA
128K32-55 (GEN)	5962-9318712HNA	WS128K32H-55G4Q	5962-9559512HXA	WF128K32-70G1TQ5	5962-9471604HBC
128K32-55 (GEN)	5962-9318712HTA	WS128K32H-55G4Q	5962-9559512HXC	WF128K32-70G1UQ5	5962-9471604H9A
128K32-55 (GEN)	5962-9318712HUA	WS128K32H-55G4TQ	5962-9559512HYA	WF128K32-70G1UQ5	5962-9471604H9C
128K32-55 (GEN)	5962-9318712HXA	WS128K32H-55G4TQ	5962-9559512HYC	WF128K32-70G2LQ5	5962-9471604HAA
AS8S128K32P-55	5962-9318705H5A	AS8F128K32Q1-60	5962-9471605HAA	WF128K32-70G2LQ5	5962-9471604HAC
AS8S128K32P-55	5962-9318705H5C	AS8F128K32Q1-60	5962-9471605HAC	WF128K32-70G2Q5	5962-9471604HMA
AS8S128K32P-55	5962-9318712H5A	AS8F128K32Q-60	5962-9471605HMA	WF128K32-70G2Q5	5962-9471604HMC
AS8S128K32P-55	5962-9318712H5C	AS8F128K32Q-60	5962-9471605HMC	WF128K32-70G2UQ5	5962-9471604HNA
AS8S128K32PN-55	5962-9318705H4A	WF128K32-60G1TQ5	5962-9471605HBA	WF128K32-70G2UQ5	5962-9471604HNC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
WF128K32-70G4Q5	5962-9471604H4C	WS128K32-85G1UQ	5962-9559503H9C	WMS128K8-100DR	5962-9669102HUA
WF128K32-70H1Q5	5962-9471604H6A	WS128K32-85G2Q	5962-9559503HMA	WMS128K8-100DR	5962-9669102HUC
WF128K32-70H1Q5	5962-9471604H6C	WS128K32-85G2Q	5962-9559503HMC	WMS128K8-100FE	5962-9669102HNA
WF128K32-70HQ5	5962-9471604HUA	WS128K32-85G2UQ	5962-9559503HNA	WMS128K8-100FE	5962-9669102HNC
WF128K32-70HQ5	5962-9471604HUC	WS128K32-85G2UQ	5962-9559503HNC	WS-128K8-100 (GEN)	5962-9315602HXA
WF128K32-70HSQ5	5962-9471604HVA	WS128K32-85G4Q	5962-9559503HXA	WS-128K8-100CQ	5962-9315602HYA
WF128K32-70HSQ5	5962-9471604HVC	WS128K32-85G4Q	5962-9559503HXC	WS-128K8-100CQ	5962-9315602HYC
WF128K32A-70H1Q5	5962-9471604H5A	WS128K32-85G4TQ	5962-9559503HYA	128K8-120 (GEN)	5962-9679606HXA
WF128K32A-70H1Q5	5962-9471604H5C	WS128K32-85G4TQ	5962-9559503HYC	128K8-120 (GEN)	5962-9679606HYA
WF128K32A-70HQ5	5962-9471604H5A	AS8F128K32Q1-90	5962-9471603HAA	WMS128K8-120C	5962-9669101HYA
WF128K32A-70HQ5	5962-9471604H5C	AS8F128K32Q1-90	5962-9471603HAC	WMS128K8-120C	5962-9669101HYC
WF128K32A-70HSQ5	5962-9471604HTA	AS8F128K32Q-90	5962-9471603HMA	WMS128K8-120DE	5962-9669101HTA
WF128K32A-70HSQ5	5962-9471604HTC	AS8F128K32Q-90	5962-9471603HMC	WMS128K8-120DE	5962-9669101HTC
WF128K32N-70H1Q5	5962-9471604H8A	WF128K32-90G1TQ5	5962-9471603HBA	WMS128K8-120DR	5962-9669101HUA
WF128K32N-70H1Q5	5962-9471604H8C	WF128K32-90G1TQ5	5962-9471603HBC	WMS128K8-120DR	5962-9669101HUC
WF128K32N-70HQ5	5962-9471604HYA	WF128K32-90G1UQ5	5962-9471603H9A	WMS128K8-120FE	5962-9669101HNA
WF128K32N-70HQ5	5962-9471604HYC	WF128K32-90G1UQ5	5962-9471603H9C	WMS128K8-120FE	5962-9669101HNC
WF128K32N-70HSQ5	5962-9471604HZA	WF128K32-90G2LQ5	5962-9471603HAA	WS-128K8-120 (GEN)	5962-9315601HXA
WF128K32N-70HSQ5	5962-9471604HZC	WF128K32-90G2LQ5	5962-9471603HAC	WS-128K8-120CQ	5962-9315601HYA
WF128K32NA-70H1Q5	5962-9471604H7A	WF128K32-90G2Q5	5962-9471603HMA	WS-128K8-120CQ	5962-9315601HYC
WF128K32NA-70H1Q5	5962-9471604H7C	WF128K32-90G2Q5	5962-9471603HMC	128K8-120 (GEN)	5962-9669002HXA
WF128K32NA-70HQ5	5962-9471604HWA	WF128K32-90G2UQ5	5962-9471603HNA	WME128K8-140CQ	5962-9679605HYA
WF128K32NA-70HQ5	5962-9471604HWC	WF128K32-90G2UQ5	5962-9471603HNC	WME128K8-140CQ	5962-9679605HYC
WF128K32NA-70HSQ5	5962-9471604HXA	WF128K32-90G4Q5	5962-9471603H4C	WME128K8-140DEQ	5962-9679605HXA
WF128K32NA-70HSQ5	5962-9471604HXC	WF128K32-90H1Q5	5962-9471603H6A	WME128K8-140DEQ	5962-9679605HXC
WS128K32-70H1Q	5962-9318704H5A	WF128K32-90H1Q5	5962-9471603H6C	WMS128K8-15C	5962-9669111HYA
WS128K32-70H1Q	5962-9318704H5C	WF128K32-90HQ5	5962-9471603HUA	WMS128K8-15C	5962-9669111HYC
WS128K32N-70H1Q	5962-9318704H4A	WF128K32-90HQ5	5962-9471603HUC	WMS128K8-15DE	5962-9669111HTA
WS128K32N-70H1Q	5962-9318704H4C	WF128K32-90HSQ5	5962-9471603HVA	WMS128K8-15DE	5962-9669111HTC
WS128K32-70G1TQ	5962-9559504HBA	WF128K32-90HSQ5	5962-9471603HVC	WMS128K8-15DJ	5962-9669111HZA
WS128K32-70G1TQ	5962-9559504HBC	WF128K32A-90H1Q5	5962-9471603H5A	WMS128K8-15DJ	5962-9669111HZC
WS128K32-70G1UQ	5962-9559504H9A	WF128K32A-90H1Q5	5962-9471603H5C	WMS128K8-15DR	5962-9669111HUA
WS128K32-70G1UQ	5962-9559504H9C	WF128K32A-90HQ5	5962-9471603HSA	WMS128K8-15DR	5962-9669111HUC
WS128K32-70G2Q	5962-9559504HMA	WF128K32A-90HQ5	5962-9471603HSC	WMS128K8-15F	5962-9669111HXC
WS128K32-70G2Q	5962-9559504HMC	WF128K32A-90HSQ5	5962-9471603HTA	WE-128K8-150CQ	5962-9315402HXA
WS128K32-70G2UQ	5962-9559504HNA	WF128K32A-90HSQ5	5962-9471603HTC	WE-128K8-150CQ	5962-9315402HXC
WS128K32-70G2UQ	5962-9559504HNC	WF128K32N-90H1Q5	5962-9471603H8A	WME128K8-150CQ	5962-9679604HYA
WS128K32-70G4Q	5962-9559504HXA	WF128K32N-90H1Q5	5962-9471603H8C	WME128K8-150CQ	5962-9679604HYC
WS128K32-70G4Q	5962-9559504HXC	WF128K32N-90HQ5	5962-9471603HYA	WME128K8-150DEQ	5962-9679604HXA
WS128K32-70G4TQ	5962-9559504HYA	WF128K32N-90HQ5	5962-9471603HYC	WME128K8-150DEQ	5962-9679604HXC
WS128K32-70G4TQ	5962-9559504HYC	WF128K32N-90HSQ5	5962-9471603HZA	128K8-150 (GEN)	5962-9669001HXA
128K32-85 (GEN)	5962-9318703HTA	WF128K32N-90HSQ5	5962-9471603HZC	WMS128K8-17C	5962-9669110HYA
128K32-85 (GEN)	5962-9318703HUA	WF128K32NA-90H1Q5	5962-9471603H7A	WMS128K8-17C	5962-9669110HYC
128K32-85 (GEN)	5962-9318703HXA	WF128K32NA-90H1Q5	5962-9471603H7C	WMS128K8-17DE	5962-9669110HTA
128K32-85 (GEN)	5962-9318703HYA	WF128K32NA-90HQ5	5962-9471603HWA	WMS128K8-17DE	5962-9669110HTC
WS128K32-85H1Q	5962-9318703H5A	WF128K32NA-90HQ5	5962-9471603HWC	WMS128K8-17DJ	5962-9669110HZA
WS128K32-85H1Q	5962-9318703H5C	WF128K32NA-90HSQ5	5962-9471603HXA	WMS128K8-17DJ	5962-9669110HZC
WS128K32N-85H1Q	5962-9318703H4A	WF128K32NA-90HSQ5	5962-9471603HXC	WMS128K8-17DR	5962-9669110HUA
WS128K32N-85H1Q	5962-9318703H4C	WMS128K8-100C	5962-9669102HYA	WMS128K8-17DR	5962-9669110HUC
WS128K32-85G1TQ	5962-9559503HBA	WMS128K8-100C	5962-9669102HYC	WMS128K8-17F	5962-9669110HXC
WS128K32-85G1TQ	5962-9559503HBC	WMS128K8-100DE	5962-9669102HTA	WMS128K8-20C	5962-9669109HYA
WS128K32-85G1UQ	5962-9559503H9A	WMS128K8-100DE	5962-9669102HTC	WMS128K8-20C	5962-9669109HYC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
WMS128K8-20DE	5962-9669109HTA	WMS128K8-45DR	5962-9669106HUA	LM129C (GEN)	5962-8992103XA
WMS128K8-20DE	5962-9669109HTC	WMS128K8-45DR	5962-9669106HUC	LTC1290B (GEN)	5962-8983002RA
WMS128K8-20DJ	5962-9669109HZA	WMS128K8-45F	5962-9669106HXC	LTC1290C (GEN)	5962-8983003RA
WMS128K8-20DJ	5962-9669109HZC	WS-128K8-45 (GEN)	5962-9315606HXA	LTC1290D (GEN)	5962-8983004RA
WMS128K8-20DR	5962-9669109HUA	WS-128K8-45CQ	5962-9315606HYA	LTC1291B (GEN)	5962-9305701MPA
WMS128K8-20DR	5962-9669109HUC	WS-128K8-45CQ	5962-9315606HYC	LTC1291C (GEN)	5962-9305705MPA
WMS128K8-20F	5962-9669109HXC	WMS128K8-55C	5962-9669105HYA	LTC1291D (GEN)	5962-9305709MPA
WE-128K8-200CQ	5962-9315401HXA	WMS128K8-55C	5962-9669105HYC	LTC1292B (GEN)	5962-9305702MPA
WE-128K8-200CQ	5962-9315401HXC	WMS128K8-55DE	5962-9669105HTA	LTC1292C (GEN)	5962-9305706MPA
WME128K8-200CQ	5962-9679603HYA	WMS128K8-55DE	5962-9669105HTC	LTC1292D (GEN)	5962-9305710MPA
WME128K8-200CQ	5962-9679603HYC	WMS128K8-55DJ	5962-9669105HZA	LTC1293B (GEN)	5962-9305703MEA
WME128K8-200DEQ	5962-9679603HXA	WMS128K8-55DJ	5962-9669105HZC	LTC1293C (GEN)	5962-9305707MEA
WME128K8-200DEQ	5962-9679603HXC	WMS128K8-55DR	5962-9669105HUA	LTC1293D (GEN)	5962-9305711MEA
WMS128K8-25C	5962-9669108HYA	WMS128K8-55DR	5962-9669105HUC	LTC1294B (GEN)	5962-9305704MRA
WMS128K8-25C	5962-9669108HYC	WMS128K8-55F	5962-9669105HXC	LTC1294C (GEN)	5962-9305708MRA
WMS128K8-25DE	5962-9669108HTA	WS-128K8-55 (GEN)	5962-9315605HXA	LTC1294D (GEN)	5962-9305712MRA
WMS128K8-25DE	5962-9669108HTC	WS-128K8-55CQ	5962-9315605HYA	MOF1305D (GEN)	5962-88583012A
WMS128K8-25DJ	5962-9669108HZA	WS-128K8-55CQ	5962-9315605HYC	MOF1305D (GEN)	5962-8858301EA
WMS128K8-25DJ	5962-9669108HZC	WMF128K8-60DEQ5	5962-9669005HXA	MOF1305D (GEN)	5962-8858301FA
WMS128K8-25DR	5962-9669108HUA	WMF128K8-60DEQ5	5962-9669005HXC	LM131A (GEN)	5962-8760701GA
WMS128K8-25DR	5962-9669108HUC	WMS128K8-70C	5962-9669104HYA	HCS132 (GEN)	5962R9572601V9A
WMS128K8-25F	5962-9669108HXC	WMS128K8-70C	5962-9669104HYC	HCS132 (GEN)	5962R9572601VCC
WS-128K8-25 (GEN)	5962-9315608HXA	WMS128K8-70DE	5962-9669104HTA	HCS132 (GEN)	5962R9572601VXC
WS-128K8-25CQ	5962-9315608HYA	WMS128K8-70DE	5962-9669104HTC	HCTS132 (GEN)	5962R9573901V9A
WS-128K8-25CQ	5962-9315608HYC	WMS128K8-70DR	5962-9669104HUA	HCTS132 (GEN)	5962R9573901VCC
WME128K8-250CQ	5962-9679602HYA	WMS128K8-70DR	5962-9669104HUC	HCTS132 (GEN)	5962R9573901VXC
WME128K8-250CQ	5962-9679602HYC	WMS128K8-70FE	5962-9669104HNA	OM1320NMM	7703401NA
WME128K8-250DEQ	5962-9679602HXA	WMS128K8-70FE	5962-9669104HNC	OM1320NTM	7703401TA
WME128K8-250DEQ	5962-9679602HXC	WS-128K8-70 (GEN)	5962-9315604HXA	OM1320SMM	7703401MA
WME128K8-300CQ	5962-9679601HYA	WS-128K8-70CQ	5962-9315604HYA	OM1320STM	7703401UA
WME128K8-300CQ	5962-9679601HYC	WS-128K8-70CQ	5962-9315604HYC	OM1321NKM	7703402YA
WME128K8-300DEQ	5962-9679601HXA	WMF128K8-70DEQ5	5962-9669004HXA	OM1321NMM	7703402NA
WME128K8-300DEQ	5962-9679601HXC	WMF128K8-70DEQ5	5962-9669004HXC	OM1321NTM	7703402TA
WMS128K8-35C	5962-9669107HYA	SD128MX88 (GEN)	5962-0251702NXA	OM1321SMM	7703402MA
WMS128K8-35C	5962-9669107HYC	WMS128K8-85C	5962-9669103HYA	OM1321STM	7703402UA
WMS128K8-35DE	5962-9669107HTA	WMS128K8-85C	5962-9669103HYC	LM137 (GEN)	7703403MA
WMS128K8-35DE	5962-9669107HTC	WMS128K8-85DE	5962-9669103HTA	LM137 (GEN)	7703403NA
WMS128K8-35DJ	5962-9669107HZA	WMS128K8-85DE	5962-9669103HTC	ACS132 (GEN)	5962F9862501V9A
WMS128K8-35DJ	5962-9669107HZC	WMS128K8-85DR	5962-9669103HUA	ACS132 (GEN)	5962F9862501VCC
WMS128K8-35DR	5962-9669107HUA	WMS128K8-85DR	5962-9669103HUC	ACS132 (GEN)	5962F9862501VXC
WMS128K8-35DR	5962-9669107HUC	WMS128K8-85FE	5962-9669103HNA	LM137HV (GEN)	7703404NA
WMS128K8-35F	5962-9669107HXC	WMS128K8-85FE	5962-9669103HNC	OM1323 (GEN)	7703404MA
WS-128K8-35 (GEN)	5962-9315607HXA	WS-128K8-85 (GEN)	5962-9315603HXA	OM1324NKM	7703405YA
WS-128K8-35CQ	5962-9315607HYA	WS-128K8-85CQ	5962-9315603HYA	OM1324NMM	7703405NA
WS-128K8-35CQ	5962-9315607HYC	WS-128K8-85CQ	5962-9315603HYC	OM1324NTM	7703405TA
SD128MX84 (GEN)	5962-0251701NXA	WMF128K8-90DEQ5	5962-9669003HXA	OM1324SMM	7703405MA
WMS128K8-45C	5962-9669106HYA	WMF128K8-90DEQ5	5962-9669003HXC	OM1324STM	7703405UA
WMS128K8-45C	5962-9669106HYC	DG129A (GEN)	7801401AA	LM137A (GEN)	7703406NA
WMS128K8-45DE	5962-9669106HTA	DG129A (GEN)	7801401CA	OM1326NKM	7703407YA
WMS128K8-45DE	5962-9669106HTC	DG129A (GEN)	7801401XA	OM1326NMM	7703407NA
WMS128K8-45DJ	5962-9669106HZA	LM129A (GEN)	5962-8992101XA	OM1326NTM	7703407TA
WMS128K8-45DJ	5962-9669106HZC	LM129B (GEN)	5962-8992102XA	OM1326SMM	7703407MA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
OM1326SRM	77034074A	AD13465 (GEN)	5962-0150601HXA	LM137HV (GEN)	5962-7703404VYA
OM1326STM	7703407UA	MSK1348B	5962-9459801HXA	LM137HV (GEN)	77034046A
LM137AHV	7703408MA	MSK1348B	5962-9459801HXC	LT137AE (GEN)	77034066A
LM137AHV	7703408NA	GEM13501Q2A	78015012A	LT137AHV (GEN)	77034086A
AD13280 (GEN)	5962-0053001HXA	GEM13501Q2C	78015012C	LT137AHV (GEN)	7703408TA
GEM13302B2A	5962-86723022A	GEM13501QEA	7801501EA	MTLM137AHVQH	7703408XA
GEM13302B2C	5962-86723022C	GEM13501QEC	7801501EC	MTLM137AHVQK	7703408YA
GEM13302BRA	5962-8672302RA	GEM13501QFA	7801501FA	MTLM137AHVQLS	77034082A
GEM13302BRC	5962-8672302RC	GEM13501QFC	7801501FC	MTLM137AHVQP	7703408UA
TH1332ERHabc*MQ	5962-08B0104Q*C	GEM13503Q2A	78015032A	MTLM137AHVQR	7703408ZA
TH1332ERHabc*SR	5962R08B0104V*C	GEM13503Q2C	78015032C	MTLM137HVQH	7703404XA
TH1332ERHabc*SV	5962-08B0104V*C	GEM13503QEA	7801503EA	MTLM137HVQK	7703404YA
TH1332ESHabc*MQ	5962-08B0108Q*C	GEM13503QEC	7801503EC	MTLM137HVQLS	77034042A
TH1332ESHabc*SR	5962R08B0108V*C	GEM13503QFA	7801503FA	MTLM137HVQP	7703404UA
TH1332ESHabc*SV	5962-08B0108V*C	GEM13503QFC	7801503FC	MTLM137HVQR	7703404ZA
TH1332Rabc_MQ	5962-01B0120Q_C	13517-508 (GEN)	5962-04A0201NXB	MTLM137QH	7703403XA
TH1332RabcDDMQ	5962-01B0120Q9A	13612-501	5962-01A0501QXA	MTLM137QK	7703403YA
TH1332RHabc*MQ	5962-01B0104Q*C	MSK1362B	5962-9851401HIC	MTLM137QLS	77034032A
TH1332RHabc*MQ	5962-08B0120Q*C	MSK1362B (GEN)	5962-9851401HIA	MTLM137QP	7703403UA
TH1332RHabcDDMQ	5962-01B0104Q9A	LM136-2.5 MDE	5962R0050102V9A	MTLM137QR	7703403ZA
TH1332Sabc_MQ	5962-01B0124Q_C	LM136-2.5 MDR	5962R0050101V9A	MTLT137AQH	7703406XA
TH1332SabcDDMQ	5962-01B0124Q9A	LM136A-2.5 (GEN)	5962-0050101QXA	MTLT137AQK	7703406YA
TH1332SHabc*MQ	5962-01B0108Q*C	LM136A-2.5 (GEN)	5962R0050101QXA	MTLT137AQLS	77034062A
TH1332SHabc*MQ	5962-08B0124Q*C	LM136A-2.5 (GEN)	8418001XA	MTLT137AQM	7703406MA
TH1332SHabcDDMQ	5962-01B0108Q9A	LM136AH-2.5RLQV	5962R0050102VXA	MTLT137AQP	7703406UA
TH1M332ERHabc*MQ	5962-08B0112Q*C	LM136AH-2.5RQV	5962R0050101VXA	MTLT137AQR	7703406ZA
TH1M332ERHabc*SR	5962R08B0112V*C	MTLM136AQH-2.5	8418003XA	SDP137HVNH	5962-9961204HNA
TH1M332ERHabc*SV	5962-08B0112V*C	LM136AH-5.0-SMD	8418002XA	SDP137HVNHG	5962-9961204HNC
TH1M332ESHabc*MQ	5962-08B0116Q*C	IP137AG-DESC	7703406TA	SDP137HVTHD	5962-9961204HTA
TH1M332ESHabc*SR	5962R08B0116V*C	IP137AH-DESC	7703406XA	SDP137HVTHG	5962-9961204HTC
TH1M332ESHabc*SV	5962-08B0116V*C	IP137AHVH-DESC	7703408XA	SDP137HVUHD	5962-9961204HUA
TH1M332RHabc*MQ	5962-08B0128Q*C	IP137AHVIG-DESC	7703408UA	SDP137HVUHG	5962-9961204HUC
TH1M332SHabc*MQ	5962-08B0132Q*C	IP137AIG-DESC	7703406UA	SDP137HVZHD	5962-9961204HZA
TH1RDabc_MQ	5962-01B0128Q_C	IP137AR-DESC	7703406ZA	SDP137HVZHG	5962-9961204HZC
TH1RDabcDDMQ	5962-01B0128Q9A	IP137G-DESC	7703403TA	SDP137NHD	5962-9961203HNA
TH1REHabc_MQ	5962-01B0112Q_C	IP137HVG-DESC	7703404TA	SDP137NHG	5962-9961203HNC
TH1REHabcDDMQ	5962-01B0112Q9A	IP137HVH-DESC	7703404XA	SDP137THD	5962-9961203HTA
TH1SDabc_MQ	5962-01B0132Q_C	IP137HVIG-DESC	7703404UA	SDP137THG	5962-9961203HTC
TH1SDabcDDMQ	5962-01B0132Q9A	IP137IG-DESC	7703403UA	SDP137UHD	5962-9961203HUA
TH1SEHabc_MQ	5962-01B0116Q_C	IP137K-DESC	7703403YA	SDP137UHG	5962-9961203HUC
TH1SEHabcDDMQ	5962-01B0116Q9A	IP137MH-DESC	7703403XA	SDP137ZHD	5962-9961203HZA
MSK1339B (GEN)	5962-9679401HXA	IP137R-DESC	7703403ZA	SDP137ZHG	5962-9961203HZC
LM134 (GEN)	5962-9050701XA	LM137 (GEN)	5962-9951701VZA	SG137AIG/883B	7703406UA
GEM13404Q2A	86051042A	LM137 (GEN)	5962P9951701QXA	SG137AK/883B	7703406YA
GEM13404Q2C	86051042C	LM137 (GEN)	5962P9951701QZA	SG137AL/883B	77034062A
GEM13404QEA	8605104EA	LM137 (GEN)	5962P9951701VXA	SG137AR/883B	7703406ZA
GEM13404QEC	8605104EC	LM137 (GEN)	5962P9951701VZA	SG137AT/883B	7703406XA
GEM13404QFA	8605104FA	LM137 (GEN)	5962P9951702QYA	SG137G/883B	7703403TA
GEM13404QFC	8605104FC	LM137 (GEN)	5962P9951702VYA	SG137IG/883B	7703403UA
LM134-3 (GEN)	5962-9050702XA	LM137 (GEN)	77034036A	SG137K/883B	7703403YA
MSK1343B	5962-9682801H2C	LM137H1PQMLV	5962P9951708VXA	SG137L/883B	77034032A
LM134-6 (GEN)	5962-9050703XA	LM137HV (GEN)	5962-7703404VXA	SG137R/883B	7703403ZA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SG137T/883B	7703403XA	HS-139B (GEN)	5962F9861302VXC	RHFAC139K01V	5962F8762301VXC
13755-502 (GEN)	5962-01A1501NXB	HS9-139EH-Q	5962F9861303VXC	RHFAC139K02Q	5962F8762301XA
AC138DIE2V	5962F8762201V9A	HS9-139RH-8	5962F9861301QXC	RHFAC139K02V	5962F8762301VXA
ACS138 (GEN)	5962F9853401V9A	HS9-139RH-Q	5962F9861301VXC	RHFAC139K03V	5962F8762301VYC
ACS138DMSR-03	5962F9853401VEC	IS0-139ASEH-Q	5962F0151002V9A	RHFAC139K04V	5962F8762301VYA
ACS138KMSR-03	5962F9853401VXC	IS0-139ASRH-Q	5962F0151001V9A	TLC139MDQ	5962-9555001NXD
ACTS138 (GEN)	5962F9853501V9A	IS9-139ASEH-Q	5962F0151002VXC	TLC139MFKB	5962-87659022A
ACTS138 (GEN)	5962F9853501VEC	IS9-139ASRH-8	5962F0151001QXC	TLC139MJB	5962-8765902CA
ACTS138 (GEN)	5962F9853501VXC	IS9-139ASRH-Q	5962F0151001VXC	ACS139 (GEN)	5962F9763901V9A
HCS138 (GEN)	5962R9572701TEC	LM139 (GEN)	7700801AA	ACS139 (GEN)	5962F9763901VEC
HCS138 (GEN)	5962R9572701TXC	LM139 MDE	5962R9673802V9A	ACS139 (GEN)	5962F9763901VXC
HCS138 (GEN)	5962R9572701V9A	LM139 MDR	5962R9673801V9A	13925-001 (GEN)	5962-03A0101NXC
HCS138 (GEN)	5962R9572701VEC	LM139A (GEN)	5962-9471101NXD	AC14ADIE2V	5962F8762403V9A
HCS138 (GEN)	5962R9572701VXC	LM139A (GEN)	5962-9471102NXD	AC14DIE2V	5962F8762401V9A
HCTS138 (GEN)	5962R9574001V9A	LM139A (GEN)	5962-9673801VCA	ACT14DIE2V	5962F9681301V9A
HCTS138 (GEN)	5962R9574001VEC	LM139A (GEN)	5962L9673801VDA	HCS14 (GEN)	5962R9568101V9A
HCTS138 (GEN)	5962R9574001VXC	LM139A (GEN)	5962L9673801VXA	HCS14 (GEN)	5962R9568101VCC
IP138A (GEN)	5962-8986801QYA	LM139A (GEN)	5962R9673801QCA	HCS14 (GEN)	5962R9568101VXC
RHFAC138D03Q	5962F8762201EC	LM139A (GEN)	5962R9673801QDA	HCTS14 (GEN)	5962R9571901V9A
RHFAC138D03V	5962F8762201VEC	LM139A (GEN)	5962R9673801QXA	HCTS14 (GEN)	5962R9571901VCC
RHFAC138D04Q	5962F8762201EA	LM139AFKB	5962-87739012A	HCTS14 (GEN)	5962R9571901VXC
RHFAC138D04V	5962F8762201VEA	LM139AJB	5962-8773901CA	OP-14A (GEN)	5962-8771401GA
RHFAC138K01Q	5962F8762201XC	LM139AJLQMLV	5962L9673801VCA	OP-14A (GEN)	5962-8771401PA
RHFAC138K01V	5962F8762201VXC	LM139AJQMLV	5962-9673802VCA	OP-14B (GEN)	5962-8771402GA
RHFAC138K02Q	5962F8762201XA	LM139AJRLQMLV	5962R9673802VCA	OP-14B (GEN)	5962-8771402PA
RHFAC138K02V	5962F8762201VXA	LM139AJRQMLV	5962R9673801VCA	LM140 (GEN)	5962R9955101QXA
RHFAC138K03V	5962F8762201VYC	LM139AKGD-SP	5962-9673802V9B	LM140 (GEN)	5962R9955101QYA
RHFAC138K04V	5962F8762201VYA	LM139AWB	5962-8773901DA	LM140 (GEN)	5962R9955101VXA
RHFACT138K01Q	5962F8755403QXC	LM139AWG-QMLV	5962-9673801VXA	LM140 (GEN)	5962R9955101VYA
RHFACT138K01V	5962F8755403VXC	LM139AWGRLQMLV	5962R9673802VXA	RHF1401KSO-01V	5962F0626001VXC
RHFACT138K02Q	5962F8755403QXA	LM139AWGRQMLV	5962R9673801VXA	RHFAC14K01Q	5962F8762401XC
RHFACT138K02V	5962F8755403VXA	LM139AWG-SMD	5962-8773901XA	RHFAC14K01V	5962F8762401VXC
RHFACT138K03V	5962F8755403VYC	LM139AW-QMLV	5962-9673801VDA	TSB14C01 (GEN)	5962-9677201QXA
RHFACT138K04V	5962F8755403VYA	LM139AWRLQMLV	5962R9673802VDA	TSB14C01 (GEN)	5962-9677202QXA
AD1385T (GEN)	5962-9171201HXA	LM139AWRQMLV	5962R9673801VDA	14016B (GEN)	5962-9064002CA
HCS139 (GEN)	5962R9580401V9A	LM139AW-SMD	5962-8773901DA	RHFAC14AK01V	5962F8762403VXC
HCS139 (GEN)	5962R9580401VEC	LM139FKB	77008012A	RHFAC14AK02V	5962F8762403VXA
HCS139 (GEN)	5962R9580401VXC	LM139JB	7700801CA	RHFAC14AK03V	5962F8762403VYC
HCTS139 (GEN)	5962R9575301V9A	LM139JQMLV	5962-7700801VCA	RHFAC14AK04V	5962F8762403VYA
HCTS139DMSR	5962R9575301VEC	LM139LMB	5962-87739012A	RHFAC14K02Q	5962F8762401XA
HCTS139KMSR	5962R9575301VXC	LM139WB	7700801DA	RHFAC14K02V	5962F8762401VXA
HS0-139EH-Q	5962F9861303V9A	PM139 (GEN)	5962R8773902V2A	RHFAC14K03V	5962F8762401VYC
HS0-139RH-Q	5962F9861301V9A	PM139 (GEN)	5962R8773902VCA	RHFAC14K04V	5962F8762401VYA
HS1-139EH-Q	5962F9861303VCC	PM139 (GEN)	5962R8773902VDA	14023B (GEN)	7901302CA
HS1-139RH-8	5962F9861301QCC	PM139A (GEN)	5962-8773901V2A	14023B (GEN)	7901302DA
HS1-139RH-Q	5962F9861301VCC	PM139A (GEN)	5962-8773901VCA	14050-501 (GEN)	5962-03A0201NXA
HS-139 (GEN)	5962R9861301TCC	PM139A (GEN)	5962-8773901VDA	14052B (GEN)	7901503EA
HS-139 (GEN)	5962R9861301TXC	PM139AM/QMLL	5962L8773903VDA	AD14060 (GEN)	5962-9750601HXC
HS-139B (GEN)	5962F9861302QCC	PM139AM/QMLR	5962R8773901VDA	AD14060 (GEN)	5962-9750602HXC
HS-139B (GEN)	5962F9861302QXC	PM139ARC/QMLR	5962R8773901V2A	AD14060L (GEN)	5962-9750701HXC
HS-139B (GEN)	5962F9861302V9A	PM139AY/QMLR	5962R8773901VCA	AD14060L (GEN)	5962-9750702HXC
HS-139B (GEN)	5962F9861302VCC	RHFAC139K01Q	5962F8762301XC	THS1408MPHP	5962-0051101NXD



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
HS-1410RH (GEN)	5962F9851801VXC	XDC14507-628 (GEN)	5962-9055401YA	SD-14553DX-154	5962-9454502HXA
A14100A-CQ256B	5962-9552101MYC	TL1451A (GEN)	5962-9958401Q2A	SD-14554DX-112	5962-9454402HXC
A14100A-PG257B	5962-9552101MXC	TL1451A (GEN)	5962-9958401QEA	SD-14554DX-114	5962-9454404HXC
A14100A-1CQ256B	5962-9552102MYC	4514B (GEN)	7703501JA	SD-14554DX-132	5962-9454402HXC
A14100A-1PG257B	5962-9552102MXC	145146 (GEN)	5962-9464101QRA	SD-14554DX-134	5962-9454404HXC
GEM14101Q3A	86030013A	145152-2 (GEN)	5962-9231301MXA	SD-14554DX-142	5962-9454402HXA
GEM14101Q3C	86030013C	SD-14531D1-112	5962-9082007HXC	SD-14554DX-144	5962-9454404HXA
HS-1412 (GEN)	5962F9683401VCA	SD-14531D1-114	5962-9082006HXC	SD-14554DX-152	5962-9454402HXA
14134-501 (GEN)	5962-99A0503QXC	SD-14531D1-142	5962-9082007HXA	SD-14554DX-154	5962-9454404HXA
14134-502 (GEN)	5962-99A0504NYB	SD-14531D1-144	5962-9082006HXA	14555B (GEN)	7704702EA
14134-506	5962-99A0505NYB	SDC14531-631 (GEN)	5962-9082002HXA	14555B (GEN)	7704702FA
ADC14155-RHA	5962R0626201VXC	SDC14531-631 (GEN)	5962-9082002HXC	SDC-14560-111	5962-8949908XC
AD14160 (GEN)	5962-9800302HXA	SD-14531-115	5962-9082001HXC	SDC-14560-112	5962-8949907XC
14174-501	5962-03A0501NXA	SD-14531-145	5962-9082001HXA	SDC-14560-114	5962-8949901XC
1425A (GEN)	5962-9552001MXC	14538B (GEN)	5962-9055702EA	SDC-14560-115	5962-8949902XC
1425A (GEN)	5962-9552001MYC	14538B (GEN)	5962R9670201V9A	14560-141 (GEN)	5962-8949908YA
1425A-1 (GEN)	5962-9552002MXC	14538B (GEN)	5962R9670201VEC	SDC-14560-141	5962-8949908XA
1425A-1 (GEN)	5962-9552002MYC	14538B (GEN)	5962R9670201VXC	14560-142 (GEN)	5962-8949907YA
ACS14 (GEN)	5962F9862301V9A	CD14538BF3A	5962-9055701EA	SDC-14560-142	5962-8949907XA
ACS14-03 (GEN)	5962F9862301VCC	SD-14550DX-112	5962-9454301HXC	14560-144 (GEN)	5962-8949901YA
ACS14-03 (GEN)	5962F9862301VXC	SD-14550DX-114	5962-9454303HXC	SDC-14560-144	5962-8949901XA
LM143H/883	7800303XA	SD-14550DX-132	5962-9454301HXC	14560-145 (GEN)	5962-8949902YA
SG143T/883B	7800303XA	SD-14550DX-134	5962-9454303HXC	SDC-14560-145	5962-8949902XA
SG143Y/883B	7800303PA	SD-14550DX-142	5962-9454301HXA	14560III-605 (GEN)	5962-8949903YA
TL1431MFKB	5962-9962001Q2A	SD-14550DX-144	5962-9454303HXA	SDC-14560-605	5962-8949903XA
TL1431MFKQMLV	5962-9962001V2A	SD-14550DX-152	5962-9454301HXA	SDC-14560-605	5962-8949903XC
TL1431MJGB	5962-9962001QPA	SD-14550DX-154	5962-9454303HXA	SDC-14561V-115	5962-8949802XC
TL1431MJGQMLV	5962-9962001VPA	14551B (GEN)	5962-8775301EA	SDC-14561V-145	5962-8949802XA
TL1431MJG-RHA	5962R9962001VPA	SD-14551DX-112	5962-9454302HXC	SDC-14561V-114	5962-8949801XC
TL1431MU-RHA	5962R9962001VHA	SD-14551DX-114	5962-9454304HXC	SDC-14561V-144	5962-8949801XA
1437 (GEN)	5962-89813013A	SD-14551DX-132	5962-9454302HXC	14561-603 (GEN)	5962-8949801YA
LM144H (GEN)	7800301GA	SD-14551DX-134	5962-9454304HXC	14561-604 (GEN)	5962-8949802YA
PAL14H4 (GEN)	81035032A	SD-14551DX-142	5962-9454302HXA	14562-114 (GEN)	5962-8949805YA
PAL14H4 (GEN)	8103503RA	SD-14551DX-144	5962-9454304HXA	SDC-14562V-114	5962-8949805XC
PAL14H4 (GEN)	8103503SA	SD-14551DX-152	5962-9454302HXA	SDC-14562V-144	5962-8949805XA
PAL14H4A (GEN)	8103512RA	SD-14551DX-154	5962-9454304HXA	SDC-14565-112	5962-8990811XC
PAL14L4 (GEN)	81035082A	SD-14551DX-601	5962-9454305HXC	SDC-14565-114	5962-8990801XC
PAL14L4 (GEN)	8103508RA	SD-14552DX-112	5962-9454401HXC	SDC-14565-115	5962-8990802XC
PAL14L4 (GEN)	8103508SA	SD-14552DX-114	5962-9454403HXC	SDC-14565-142	5962-8990811XA
PAL14L4A (GEN)	8103516RA	SD-14552DX-132	5962-9454401HXC	SDC-14565-144	5962-8990801XA
MSK145-1B	5962-8870101ZC	SD-14552DX-134	5962-9454403HXC	SDC-14565-145	5962-8990802XA
MSK145B	5962-8870103ZC	SD-14552DX-142	5962-9454401HXA	SDC-14565-602	5962-8990809XC
SDC14500-635 (GEN)	5962-9070701HXA	SD-14552DX-144	5962-9454403HXA	SDC-14565-602 (GEN)	5962-8990809ZC
SDC14500-636 (GEN)	5962-9070702HXA	SD-14552DX-152	5962-9454401HXA	SDC-14565-603	5962-8990810XC
SDC14502-605 (GEN)	5962-9070703HXA	SD-14552DX-154	5962-9454403HXA	SDC-14565-603 (GEN)	5962-8990810ZC
SDC14502-606 (GEN)	5962-9070704HXA	SD-14553DX-112	5962-9454501HXC	SDC-14565-616	5962-8990803XC
RDC14505-638C (GEN)	5962-8768701YA	SD-14553DX-114	5962-9454502HXC	SDC-14565-616 (GEN)	5962-8990803ZC
RDC14505-639 (GEN)	5962-8768702XA	SD-14553DX-132	5962-9454501HXC	SDC-14565-618 (GEN)	5962-8990805XC
RDC14505-639C (GEN)	5962-8768702YA	SD-14553DX-134	5962-9454502HXC	SDC-14565-618 (GEN)	5962-8990805ZC
RDC14505-641 (GEN)	5962-8768703XA	SD-14553DX-142	5962-9454501HXA	SDC-14565-621 (GEN)	5962-8990801ZC
RDC14505-641C (GEN)	5962-8768703YA	SD-14553DX-144	5962-9454502HXA	SDC-14565-622 (GEN)	5962-8990802ZC
XDC14507-627 (GEN)	5962-9055402YA	SD-14553DX-152	5962-9454501HXA	SDC-14565-629 (GEN)	5962-8990801YC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SDC-14565-630 (GEN)	5962-8990802YC	RD-14591D1-114	5962-9673502HXC	SD-14592D2-112	5962-9684405HXC
SDC-14566-112	5962-8990812XC	RD-14591F1-114	5962-9673502HYC	SD-14592F2-112	5962-9684405HYC
SDC-14566-114	5962-8990813XC	SD-14591D1-114	5962-9673504HXC	SD-14592D2-114	5962-9684406HXC
SDC-14566-115	5962-8990804XC	SD-14591F1-114	5962-9673504HYC	SD-14592F2-114	5962-9684406HYC
SDC-14566-142	5962-8990812XA	RD-14591D1-142	5962-9673501HXA	SD-14592D2-115	5962-9684407HXC
SDC-14566-144	5962-8990813XA	RD-14591F1-142	5962-9673501HYA	SD-14592F2-115	5962-9684407HYC
SDC-14566-145	5962-8990804XA	SD-14591D1-142	5962-9673503HXA	SD-14592D2-142	5962-9684405HXA
SDC-14566-608 (GEN)	5962-8990804ZC	SD-14591F1-142	5962-9673503HYA	SD-14592F2-142	5962-9684405HYA
SDC-14566-609 (GEN)	5962-8990804YC	RD-14591D1-144	5962-9673502HXA	SD-14592D2-144	5962-9684406HXA
SDC-14567 (GEN)	5962-9055101YA	RD-14591F1-144	5962-9673502HYA	SD-14592F2-144	5962-9684406HYA
SDC-14567 (GEN)	5962-9055102YA	SD-14591D1-144	5962-9673504HXA	SD-14592D2-145	5962-9684407HXA
SDC-14567 (GEN)	5962-9055103YA	SD-14591F1-144	5962-9673504HYA	SD-14592F2-145	5962-9684407HYA
SDC-14567 (GEN)	5962-9055104YA	SD-14591D2-112	5962-9684401HXC	SD-14592D3-112	5962-9684408HXC
SDC-14567-111	5962-9055101XC	SD-14591F2-112	5962-9684401HYC	SD-14592F3-112	5962-9684408HYC
SDC-14567-112	5962-9055102XC	SD-14591D2-114	5962-9684402HXC	SD-14592D3-114	5962-9684409HXC
SDC-14567-114	5962-9055103XC	SD-14591F2-114	5962-9684402HYC	SD-14592F3-114	5962-9684409HYC
SDC-14567-115	5962-9055104XC	SD-14591D2-142	5962-9684401HXA	SD-14592D3-115	5962-9684410HXC
SDC-14567-141	5962-9055101XA	SD-14591F2-142	5962-9684401HYA	SD-14592F3-115	5962-9684410HYC
SDC-14567-142	5962-9055102XA	SD-14591D2-144	5962-9684402HXA	SD-14592D3-142	5962-9684408HXA
SDC-14567-144	5962-9055103XA	SD-14591F2-144	5962-9684402HYA	SD-14592F3-142	5962-9684408HYA
SDC-14567-145	5962-9055104XA	SD-14591D3-112	5962-9684403HXC	SD-14592D3-144	5962-9684409HXA
SDC-14569 (GEN)	5962-9055105YA	SD-14591F3-112	5962-9684403HYC	SD-14592F3-144	5962-9684409HYA
SDC-14569 (GEN)	5962-9055106YA	SD-14591D3-114	5962-9684404HXC	SD-14592D3-145	5962-9684410HXA
SDC-14569 (GEN)	5962-9055107YA	SD-14591F3-114	5962-9684404HYC	SD-14592F3-145	5962-9684410HYA
SDC-14569 (GEN)	5962-9055108YA	SD-14591D3-142	5962-9684403HXA	MSK146-1B	5962-8870101YC
SDC-14569-111	5962-9055105XC	SD-14591F3-142	5962-9684403HYA	MSK146-1B (GEN)	5962-8870101YA
SDC-14569-112	5962-9055106XC	SD-14591D3-144	5962-9684404HXA	MSK146B	5962-8870103YC
SDC-14569-114	5962-9055107XC	SD-14591F3-144	5962-9684404HYA	A1460A-CQ196B	5962-9550801MYC
SDC-14569-115	5962-9055108XC	RD-14592D1-112	5962-9673505HXC	A1460A-PG207B	5962-9550801MXC
SDC-14569-141	5962-9055105XA	RD-14592F1-112	5962-9673505HYC	SDC14600-112	5962-9173601HXA
SDC-14569-142	5962-9055106XA	SD-14592D1-112	5962-9673508HXC	SDC14600-112	5962-9173601HXC
SDC-14569-144	5962-9055107XA	SD-14592F1-112	5962-9673508HYC	SDC14600T-112	5962-9173602HXA
SDC-14569-145	5962-9055108XA	RD-14592D1-114	5962-9673506HXC	SDC14600T-112	5962-9173602HXC
SDC14570 (GEN)	5962-9204801HXA	RD-14592F1-114	5962-9673506HYC	A1460A-1CQ196B	5962-9550802MYC
SDC14571 (GEN)	5962-9204802HXA	SD-14592D1-114	5962-9673509HXC	A1460A-1PG207B	5962-9550802MXC
SDC14572 (GEN)	5962-9204901HXA	SD-14592F1-114	5962-9673509HYC	SDC14601-112	5962-9173603HXA
SDC14573 (GEN)	5962-9205001HXA	RD-14592D1-115	5962-9673507HXC	SDC14601-112	5962-9173603HXC
SDC14574 (GEN)	5962-9204902HXA	RD-14592F1-115	5962-9673507HYC	SDC14601T-112	5962-9173604HXA
SDC14575 (GEN)	5962-9204803HXA	SD-14592D1-115	5962-9673510HXC	SDC14601T-112	5962-9173604HXC
SDC14575 (GEN)	5962-9204805HXA	SD-14592F1-115	5962-9673510HYC	SDC14601-603	5962-9173613HXA
SDC14576 (GEN)	5962-9204804HXA	RD-14592D1-142	5962-9673505HXA	SDC14601-603	5962-9173613HXC
SDC14576 (GEN)	5962-9204806HXA	RD-14592F1-142	5962-9673505HYA	SDC14602-112	5962-9205101HXC
SDC14577 (GEN)	5962-9204905HXA	SD-14592D1-142	5962-9673508HXA	SDC14602T-112	5962-9205102HXC
SDC14577 (GEN)	5962-9204903HXA	SD-14592F1-142	5962-9673508HYA	SDC14602-132	5962-9205101HXC
SDC14578 (GEN)	5962-9205002HXA	RD-14592D1-144	5962-9673506HXA	SDC14602T-132	5962-9205102HXC
SDC14578 (GEN)	5962-9205003HXA	RD-14592F1-144	5962-9673506HYA	SDC14602-142	5962-9205101HXA
SDC14579 (GEN)	5962-9204904HXA	SD-14592D1-144	5962-9673509HXA	SDC14602T-142	5962-9205102HXA
SDC14579 (GEN)	5962-9204906HXA	SD-14592F1-144	5962-9673509HYA	SDC14602-152	5962-9205101HXA
RD-14591D1-112	5962-9673501HXC	RD-14592D1-145	5962-9673507HXA	SDC14602T-152	5962-9205102HXA
RD-14591F1-112	5962-9673501HYC	RD-14592F1-145	5962-9673507HYA	SDC14603-112	5962-9205201HXC
SD-14591D1-112	5962-9673503HXC	SD-14592D1-145	5962-9673510HXA	SDC14603T-112	5962-9205202HXC
SD-14591F1-112	5962-9673503HYC	SD-14592F1-145	5962-9673510HYA	SDC14603-132	5962-9205201HXC

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SDC14603T-132	5962-9205202HXC	SDC14608T-134	5962-9205206HXC	SDC-14613II-132	5962-9205501HXC
SDC14603-142	5962-9205201HXA	SDC14608-142	5962-9205203HXA	SDC-14613IIT-132	5962-9205502HXC
SDC14603T-142	5962-9205202HXA	SDC14608T-142	5962-9205204HXA	SDC-14613II-142	5962-9205501HXA
SDC14603-152	5962-9205201HXA	SDC14608-144	5962-9205205HXA	SDC-14613IIT-142	5962-9205502HXA
SDC14603T-152	5962-9205202HXA	SDC14608T-144	5962-9205206HXA	SDC-14613II-152	5962-9205501HXA
SDC14604-112	5962-9205103HXC	SDC14608-152	5962-9205203HXA	SDC-14613IIT-152	5962-9205502HXA
SDC14604T-112	5962-9205104HXC	SDC14608T-152	5962-9205204HXA	SDC-14614II-112	5962-9205403HXC
SDC14604-132	5962-9205103HXC	SDC14608-154	5962-9205205HXA	SDC-14614IIT-112	5962-9205404HXC
SDC14604T-132	5962-9205104HXC	SDC14608T-154	5962-9205206HXA	SDC-14614II-132	5962-9205403HXC
SDC14604-142	5962-9205103HXA	SDC14609-112	5962-9205107HXC	SDC-14614IIT-132	5962-9205404HXC
SDC14604T-142	5962-9205104HXA	SDC14609T-112	5962-9205108HXC	SDC-14614II-142	5962-9205403HXA
SDC14604-152	5962-9205103HXA	SDC14609-114	5962-9205111HXC	SDC-14614IIT-142	5962-9205404HXA
SDC14604T-152	5962-9205104HXA	SDC14609T-114	5962-9205112HXC	SDC-14614II-152	5962-9205403HXA
SDC14605-112	5962-9173605HXA	SDC14609-132	5962-9205107HXC	SDC-14614IIT-152	5962-9205404HXA
SDC14605-112	5962-9173605HXC	SDC14609T-132	5962-9205108HXC	SDC-14615II-112	5962-9205305HXC
SDC14605T-112	5962-9173606HXA	SDC14609-134	5962-9205111HXC	SDC-14615IIT-112	5962-9205306HXC
SDC14605T-112	5962-9173606HXC	SDC14609T-134	5962-9205112HXC	SDC-14615II-114	5962-9205309HXC
SDC14605-114	5962-9173609HXA	SDC14609-142	5962-9205107HXA	SDC-14615IIT-114	5962-9205310HXC
SDC14605-114	5962-9173609HXC	SDC14609T-142	5962-9205108HXA	SDC-14615II-132	5962-9205305HXC
SDC14605T-114	5962-9173610HXA	SDC14609-144	5962-9205111HXA	SDC-14615IIT-132	5962-9205306HXC
SDC14605T-114	5962-9173610HXC	SDC14609T-144	5962-9205112HXA	SDC-14615II-134	5962-9205309HXC
SDC14606-112	5962-9173607HXA	SDC14609-152	5962-9205107HXA	SDC-14615IIT-134	5962-9205310HXC
SDC14606-112	5962-9173607HXC	SDC14609T-152	5962-9205108HXA	SDC-14615II-142	5962-9205305HXA
SDC14606T-112	5962-9173608HXA	SDC14609-154	5962-9205111HXA	SDC-14615IIT-142	5962-9205306HXA
SDC14606T-112	5962-9173608HXC	SDC14609T-154	5962-9205112HXA	SDC-14615II-144	5962-9205309HXA
SDC14606-114	5962-9173611HXA	MSK1461B	5962-9050001HXC	SDC-14615IIT-144	5962-9205310HXA
SDC14606-114	5962-9173611HXC	SDC-14610II-112	5962-9205301HXC	SDC-14615II-152	5962-9205305HXA
SDC14606T-114	5962-9173612HXA	SDC-14610IIT-112	5962-9205302HXC	SDC-14615IIT-152	5962-9205306HXA
SDC14606T-114	5962-9173612HXC	SDC-14610II-132	5962-9205301HXC	SDC-14615II-154	5962-9205309HXA
SDC14607-112	5962-9205105HXC	SDC-14610IIT-132	5962-9205302HXC	SDC-14615IIT-154	5962-9205310HXA
SDC14607T-112	5962-9205106HXC	SDC-14610II-142	5962-9205301HXA	SDC-14616II-112	5962-9205307HXC
SDC14607-114	5962-9205109HXC	SDC-14610IIT-142	5962-9205302HXA	SDC-14616IIT-112	5962-9205308HXC
SDC14607T-114	5962-9205110HXC	SDC-14610II-152	5962-9205301HXA	SDC-14616II-114	5962-9205311HXC
SDC14607-132	5962-9205105HXC	SDC-14610IIT-152	5962-9205302HXA	SDC-14616IIT-114	5962-9205312HXC
SDC14607T-132	5962-9205106HXC	SDC-14611II-112	5962-9205303HXC	SDC-14616II-132	5962-9205307HXC
SDC14607-134	5962-9205109HXC	SDC-14611IIT-112	5962-9205304HXC	SDC-14616IIT-132	5962-9205308HXC
SDC14607T-134	5962-9205110HXC	SDC-14611II-132	5962-9205303HXC	SDC-14616II-134	5962-9205311HXC
SDC14607-142	5962-9205105HXA	SDC-14611IIT-132	5962-9205304HXC	SDC-14616IIT-134	5962-9205312HXC
SDC14607T-142	5962-9205106HXA	SDC-14611II-142	5962-9205303HXA	SDC-14616II-142	5962-9205307HXA
SDC14607-144	5962-9205109HXA	SDC-14611IIT-142	5962-9205304HXA	SDC-14616IIT-142	5962-9205308HXA
SDC14607T-144	5962-9205110HXA	SDC-14611II-152	5962-9205303HXA	SDC-14616II-144	5962-9205311HXA
SDC14607-152	5962-9205105HXA	SDC-14611IIT-152	5962-9205304HXA	SDC-14616IIT-144	5962-9205312HXA
SDC14607T-152	5962-9205106HXA	SDC-14612II-112	5962-9205401HXC	SDC-14616II-152	5962-9205307HXA
SDC14607-154	5962-9205109HXA	SDC-14612IIT-112	5962-9205402HXC	SDC-14616IIT-152	5962-9205308HXA
SDC14607T-154	5962-9205110HXA	SDC-14612II-132	5962-9205401HXC	SDC-14616II-154	5962-9205311HXA
SDC14608-112	5962-9205203HXC	SDC-14612IIT-132	5962-9205402HXC	SDC-14616IIT-154	5962-9205312HXA
SDC14608T-112	5962-9205204HXC	SDC-14612II-142	5962-9205401HXA	SDC-14617II-112	5962-9205405HXC
SDC14608-114	5962-9205205HXC	SDC-14612IIT-142	5962-9205402HXA	SDC-14617IIT-112	5962-9205406HXC
SDC14608T-114	5962-9205206HXC	SDC-14612II-152	5962-9205401HXA	SDC-14617II-114	5962-9205409HXC
SDC14608-132	5962-9205203HXC	SDC-14612IIT-152	5962-9205402HXA	SDC-14617IIT-114	5962-9205410HXC
SDC14608T-132	5962-9205204HXC	SDC-14613II-112	5962-9205501HXC	SDC-14617II-132	5962-9205405HXC
SDC14608-134	5962-9205205HXC	SDC-14613IIT-112	5962-9205502HXC	SDC-14617IIT-132	5962-9205406HXC

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SDC-14617II-134	5962-9205409HXC	SD-14620 (GEN)	5962-9453603HXA	SD-14623FX-112	5962-9454803HXC
SDC-14617IIT-134	5962-9205410HXC	SD-14620DX-144	5962-9453608HXA	SD-14623DX-114	5962-9454804HXC
SDC-14617II-142	5962-9205405HXA	SD-14620FX-144	5962-9453608HYA	SD-14623FX-114	5962-9454804HYC
SDC-14617IIT-142	5962-9205406HXA	SD-14620 (GEN)	5962-9453601HXA	SD-14623DX-132	5962-9454803HXC
SDC-14617II-144	5962-9205409HXA	SD-14620 (GEN)	5962-9453601HYA	SD-14623FX-132	5962-9454803HXC
SDC-14617IIT-144	5962-9205410HXA	SD-14620DX-152	5962-9453606HXA	SD-14623DX-134	5962-9454804HXC
SDC-14617II-152	5962-9205405HXA	SD-14620FX-152	5962-9453606HYA	SD-14623FX-134	5962-9454804HYC
SDC-14617IIT-152	5962-9205406HXA	SD-14620 (GEN)	5962-9453603HYA	SD-14623 (GEN)	5962-9454801HYA
SDC-14617II-154	5962-9205409HXA	SD-14620DX-154	5962-9453608HXA	SD-14623DX-142	5962-9454803HXA
SDC-14617IIT-154	5962-9205410HXA	SD-14620FX-154	5962-9453608HYA	SD-14623FX-142	5962-9454803HXA
SDC-14618II-112	5962-9205503HXC	SDC-14621 (GEN)	5962-9453605HXA	SD-14623 (GEN)	5962-9454802HXC
SDC-14618IIT-112	5962-9205504HXC	SD-14621DX-112	5962-9453607HXC	SD-14623DX-144	5962-9454804HXA
SDC-14618II-114	5962-9205505HXC	SD-14621DX-114	5962-9453609HXC	SD-14623FX-144	5962-9454804HYA
SDC-14618IIT-114	5962-9205506HXC	SD-14621FX-112	5962-9453607HYC	SD-14623 (GEN)	5962-9454801HXA
SDC-14618II-132	5962-9205503HXC	SD-14621DX-132	5962-9453607HXC	SD-14623DX-152	5962-9454803HXA
SDC-14618IIT-132	5962-9205504HXC	SD-14621DX-134	5962-9453609HXC	SD-14623FX-152	5962-9454803HXA
SDC-14618II-134	5962-9205505HXC	SD-14621FX-132	5962-9453607HYC	SD-14623 (GEN)	5962-9454802HYA
SDC-14618IIT-134	5962-9205506HXC	SD-14621FX-134	5962-9453609HYC	SD-14623DX-154	5962-9454804HXA
SDC-14618II-142	5962-9205503HXA	SD-14621 (GEN)	5962-9453602HXA	SD-14623FX-154	5962-9454804HYA
SDC-14618IIT-142	5962-9205504HXA	SD-14621 (GEN)	5962-9453602HYA	SD-14624DX-112	5962-9454706HXC
SDC-14618II-144	5962-9205505HXA	SD-14621DX-142	5962-9453607HXA	SD-14624FX-112	5962-9454706HYC
SDC-14618IIT-144	5962-9205506HXA	SD-14621DX-144	5962-9453609HXA	SD-14624DX-114	5962-9454708HXC
SDC-14618II-152	5962-9205503HXA	SD-14621FX-142	5962-9453607HYA	SD-14624FX-114	5962-9454708HYC
SDC-14618IIT-152	5962-9205504HXA	SD-14621FX-144	5962-9453609HYA	SD-14624DX-132	5962-9454706HXC
SDC-14618II-154	5962-9205505HXA	SD-14621 (GEN)	5962-9453604HXA	SD-14624FX-132	5962-9454706HYC
SDC-14618IIT-154	5962-9205506HXA	SD-14621 (GEN)	5962-9453604HYA	SD-14624DX-134	5962-9454708HXC
SDC-14619II-112	5962-9205407HXC	SD-14621DX-152	5962-9453607HXA	SD-14624FX-134	5962-9454708HYC
SDC-14619IIT-112	5962-9205408HXC	SD-14621DX-154	5962-9453609HXA	SD-14624DX-142	5962-9454706HXA
SDC-14619II-114	5962-9205411HXC	SD-14621FX-114	5962-9453609HYC	SD-14624FX-142	5962-9454706HYA
SDC-14619IIT-114	5962-9205412HXC	SD-14621FX-152	5962-9453607HYA	SD-14624 (GEN)	5962-9454704HYA
SDC-14619II-132	5962-9205407HXC	SD-14621FX-154	5962-9453609HYA	SD-14624DX-144	5962-9454708HXA
SDC-14619IIT-132	5962-9205408HXC	SD-14622DX-112	5962-9454705HXC	SD-14624FX-144	5962-9454708HYA
SDC-14619II-134	5962-9205411HXC	SD-14622FX-112	5962-9454705HYC	SD-14624 (GEN)	5962-9454702HXA
SDC-14619IIT-134	5962-9205412HXC	SD-14622DX-114	5962-9454707HXC	SD-14624 (GEN)	5962-9454702HYA
SDC-14619II-142	5962-9205407HXA	SD-14622FX-114	5962-9454707HYC	SD-14624DX-152	5962-9454706HXA
SDC-14619IIT-142	5962-9205408HXA	SD-14622DX-132	5962-9454705HXC	SD-14624FX-152	5962-9454706HYA
SDC-14619II-144	5962-9205411HXA	SD-14622FX-132	5962-9454705HYC	SD-14624 (GEN)	5962-9454704HXA
SDC-14619IIT-144	5962-9205412HXA	SD-14622DX-134	5962-9454707HXC	SD-14624DX-154	5962-9454708HXA
SDC-14619II-152	5962-9205407HXA	SD-14622FX-134	5962-9454707HYC	SD-14624FX-154	5962-9454708HYA
SDC-14619IIT-152	5962-9205408HXA	SD-14622 (GEN)	5962-9454701HXA	ACS147 (GEN)	5962F9863301V9A
SDC-14619II-154	5962-9205411HXA	SD-14622 (GEN)	5962-9454701HYA	ACS147 (GEN)	5962F9863301VEC
SDC-14619IIT-154	5962-9205412HXA	SD-14622DX-142	5962-9454705HXA	ACS147 (GEN)	5962F9863301VXC
SD-14620DX-112	5962-9453606HXC	SD-14622FX-142	5962-9454705HYA	AP1C-47 (GEN)	5962H9210401QZC
SD-14620FX-112	5962-9453606HYC	SD-14622 (GEN)	5962-9454703HXA	AP1C-47 (GEN)	5962H9210401VZC
SD-14620DX-114	5962-9453608HXC	SD-14622 (GEN)	5962-9454703HYA	HCTS147 (GEN)	5962R9574101V9A
SD-14620FX-114	5962-9453608HYC	SD-14622DX-144	5962-9454707HXA	HCTS147 (GEN)	5962R9574101VEC
SD-14620DX-132	5962-9453606HXC	SD-14622FX-144	5962-9454707HYA	HCTS147 (GEN)	5962R9574101VXC
SD-14620FX-132	5962-9453606HYC	SD-14622DX-152	5962-9454705HXA	MSK147-1B	5962-8870101UC
SD-14620DX-134	5962-9453608HXC	SD-14622FX-152	5962-9454705HYA	MSK147B	5962-8870103UC
SD-14620FX-134	5962-9453608HYC	SD-14622DX-154	5962-9454707HXA	GEM14701QCA	5962-8856401CA
SD-14620DX-142	5962-9453606HXA	SD-14622FX-154	5962-9454707HYA	GEM14701QCC	5962-8856401CC
SD-14620FX-142	5962-9453606HYA	SD-14623DX-112	5962-9454803HXC	GEM14701QDA	5962-8856401DA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
GEM14701QDC	5962-8856401DC	RH150NM-(ASIC-V)	5962H12B0101VYA	NHI-1514FP/883	5962-9174908HYC
MSK1476H	5962-0054101HGC	RH150NM-(ASIC-V)	5962H12B0101VZA	NHI-1515 (GEN)	5962-9208504HXA
PAL14L8 (GEN)	5962-86804033A	UT150 (GEN)	5962R96B0215Q*C	NHI-1515 (GEN)	5962-9208504HYA
PAL14L8 (GEN)	5962-8680403KA	UT150 (GEN)	5962R96B0215V*C	UC1517 (GEN)	5962-9321501M2A
PAL14L8 (GEN)	5962-8680403LA	1500	5962-0252501EXA	UC1517 (GEN)	5962-9321501MEA
MG1480 (GEN)	5962-00B0115Q*C	NHI-1500 (GEN)	5962-8757905XA	GEM15201QEA	7601901EA
MG1480 (GEN)	5962-00B0115Q9A	NHI-1500 (GEN)	5962-8757905YA	GEM15201QEC	7601901EC
MG1480E (GEN)	5962-00B0107Q*C	15004-022 (GEN)	5962-03A0401QQC	GEM15201QFA	7601901FA
MG1480E (GEN)	5962-00B0107Q9A	NHI-1501 (GEN)	5962-8944702HXA	GEM15201QFC	7601901FC
CT1487D (GEN)	5962-8757907XA	NHI-1501 (GEN)	5962-8944702HYA	NHI-1522 (GEN)	5962-8982610XA
CT1487D (GEN)	5962-8757907YA	NHI-1502 (GEN)	5962-8982603XA	NHI-1522 (GEN)	5962-8982610YA
CT1487-DFI (GEN)	5962-8944707HYA	NHI-1502 (GEN)	5962-8982603YA	NHI-1523 (GEN)	5962-8982604XA
CT1487-DI (GEN)	5962-8944705HXA	15022-009	5962-01A0301QXC	NHI-1523 (GEN)	5962-8982604YA
RH1498DICE	5962R1325001V9A	15022-512 (GEN)	5962-01A1901QXC	SG1524BJ/883B	5962-8764501EA
RH1498MW	5962R1325001VHA	15022-517 (GEN)	5962-02A1001QXC	SG1524J/883B	7802801EA
RH1499MW	5962R1325101VDA	15025-512	5962-05A0201NXB	UC1524AJ/883B	5962-8764502EA
LCB15K (GEN)	5962-95B0103M4C	15028-505	5962-01A0101QXA	1525A (GEN)	5962-89511012A
LCB15K (GEN)	5962-95B0103M5C	15028-507	5962-01A1601QXC	1525B (GEN)	5962-89511052A
LCB15K (GEN)	5962-95B0103M6C	SG1503T/883B	5962-8686101YA	SG1525AF/883B	5962-8951101FA
LCB15K (GEN)	5962-95B0103M7C	SG1503Y/883B	5962-8686101PA	SG1525AJ/883B	5962-8951101EA
LCB15K (GEN)	5962-95B0103M8C	HS-506 (GEN)	5962D9569101VXA	UC1525A (GEN)	5962-8951103V2A
LCB15K (GEN)	5962-95B0103M9C	HS-507 (GEN)	5962D9569102VXA	UC1525A (GEN)	5962-8951103VEA
LCB15K (GEN)	5962-95B0103MCC	NHI-1509 (GEN)	5962-8604906TA	UC1525AJ883B	5962-8951103EA
LCB15K (GEN)	5962-95B0103MMC	NHI-1509 (GEN)	5962-8604906YA	UC1525AL883B	5962-89511032A
LCB15K (GEN)	5962-95B0103MNC	HCS151 (GEN)	5962R9572801V9A	UC1525BFK-SP	5962-8951106V2A
LCB15K (GEN)	5962-95B0103MTC	HCS151 (GEN)	5962R9572801VEC	UC1525BJ883B	5962-8951105EA
LCB15K (GEN)	5962-95B0103MUC	HCS151KMSR	5962R9572801VXC	UC1525BJQMLV	5962-8951105VEA
LCB15K (GEN)	5962-95B0103MXC	NHI-15101 (GEN)	5962-9168709HUA	UC1525BLQMLV	5962-8951105V2A
LCB15K (GEN)	5962-95B0103MYC	NHI-15101 (GEN)	5962-9168709HZA	SG1526BJ/883	8551501VA
LCB15K (GEN)	5962-95B0103MZC	ACS151 (GEN)	5962F9764001V9A	SG1526BL/883	85515012A
OP15A (GEN)	5962-8954201GA	ACS151 (GEN)	5962F9764001VEA	UC1526AJ/883	8551502VA
OP15A (GEN)	5962-8954201PA	ACS151 (GEN)	5962F9764001VFA	UC1526AL/883B	85515022A
OP15A (GEN)	5962-8954203VGA	NHI-15102 (GEN)	5962-9168710HUA	UC1526J/883	8551501VA
OP15A (GEN)	5962-8954203VHA	NHI-15102 (GEN)	5962-9168710HZA	1527A (GEN)	5962-89511022A
OP15A (GEN)	5962-8954203VPA	NHI-15103 (GEN)	5962-9555805HXA	1527A (GEN)	5962-89511042A
OP15AJ/QMLR	5962R8954203VGA	NHI-15103 (GEN)	5962-9555805HYA	SG1527AJ/883B	5962-8951102EA
OP15AL/QMLR	5962R8954203VHA	1510-369/2 (GEN)	5962-9161501HXC	UC1527AJ883B	5962-8951104EA
OP15AZ/QMLR	5962R8954203VPA	NHI-15104 (GEN)	5962-9555806HXA	NHI-1529 (GEN)	5962-8952202XA
OP15B (GEN)	5962-8954202GA	NHI-15104 (GEN)	5962-9555806HYA	NHI-1529 (GEN)	5962-8952202YA
150 (GEN)	5962-8767501TA	NHI-1513 (GEN)	5962-9174902HXA	NHI-1529 (GEN)	5962-8952203XA
150 (GEN)	5962-8767501YA	NHI-1513 (GEN)	5962-9174902HYA	NHI-1529 (GEN)	5962-8952203YA
150 (GEN)	5962-8767501ZA	NHI-1513/883	5962-9174909HXA	NHI-1529 (GEN)	5962-8952208XA
150A (GEN)	5962-8767502TA	NHI-1513/883	5962-9174909HXC	NHI-1529 (GEN)	5962-8952208YA
150A (GEN)	5962-8767502XA	NHI-1513FP/883	5962-9174909HTA	HCTS153 (GEN)	5962R9575401V9A
150A (GEN)	5962R8767502UA	NHI-1513FP/883	5962-9174909HTC	HCTS153 (GEN)	5962R9575401VEC
IP150AIG-DESC	5962-8767502UA	NHI-1513FP/883	5962-9174909HYA	HCTS153 (GEN)	5962R9575401VXC
IP150IG-DESC	5962-8767501UA	NHI-1513FP/883	5962-9174909HYC	NHI-1531 (GEN)	5962-9082905HTA
IP150K-DESC	5962-8767501XA	NHI-1514 (GEN)	5962-9174901HXA	NHI-1531 (GEN)	5962-9082905HYA
RH150NM-(ASIC-Q)	5962H12B0101QXA	NHI-1514 (GEN)	5962-9174901HYA	15313A-DESC	5962-1022001HXA
RH150NM-(ASIC-Q)	5962H12B0101QYA	NHI-1514/883	5962-9174908HXA	15313-DESC	5962-1022001HXC
RH150NM-(ASIC-Q)	5962H12B0101QZA	NHI-1514/883	5962-9174908HXC	SG1532J	5962-8777001CA
RH150NM-(ASIC-V)	5962H12B0101VXA	NHI-1514FP/883	5962-9174908HYA	SG1532L	5962-87770012A



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SG1532T	5962-8777001IA	UT1553BB (GEN)	5962-8862801YA	FC1553623	5962-8757906XC
LM1536H/883	7800304XA	UT1553BB (GEN)	5962-8862801ZA	FC1553623FP	5962-8757906YA
LM1536J/883	7800304PA	UT1553BCRT (GEN)	5962H8862801TA	FC1553623FP	5962-8757906YC
SG1536T/883B	7800304XA	UT1553BCRT (GEN)	5962H8862801VTA	FC1553622	5962-8944703HXA
SG1536Y/883B	7800304PA	UT1553BCRT (GEN)	5962H8862801VXA	FC1553622	5962-8944703HXC
HCS154DMSR	5962R9572901VJC	UT1553BCRT (GEN)	5962H8862801VYA	FC1553622FP	5962-8944703HYA
HCS154HMSR	5962R9572901V9A	UT1553BCRT (GEN)	5962H8862801VZA	FC1553622FP	5962-8944703HYC
HCS154KMSR	5962R9572901VXC	UT1553BCRT (GEN)	5962H8862801XA	FC155371	5962-9082901HXA
TLC1541 (GEN)	5962-9064201Q2A	UT1553BCRT (GEN)	5962H8862801YA	FC155371	5962-9082901HXC
TLC1541 (GEN)	5962-9064201QRA	UT1553BCRT (GEN)	5962H8862801ZA	FC155371FP	5962-9082901HTA
TLC1542 (GEN)	5962-9064202Q2A	UT1553BCRTB/BCRTG	5962-8862802QXA	FC155371FP	5962-9082901HTC
TLC1542 (GEN)	5962-9064202QRA	UT1553BCRTB/BCRTG	5962-8862802QXC	FC155371SSW	5962-9082901HYA
1542AV18-250 (GEN)	5962F1120101QXA	UT1553BCRTB/BCRTW	5962-8862802QUA	FC155371SSW	5962-9082901HYC
CYRS1542AV18-250GC	5962F1120101VXA	UT1553BCRTB/BCRTW	5962-8862802QUC	FC155372	5962-9082902HXA
SG1543J/883B	5962-8774001EA	UT1553BCRTM (GEN)	5962-8957701Q9A	FC155372	5962-9082902HXC
SG1543L/883B	5962-87740012A	UT1553BCRTM (GEN)	5962-8957701V9A	FC1553721	5962-8982605XA
TLV1543 (GEN)	5962-9689401Q2A	UT1553BCRTM (GEN)	5962-8957701XA	FC1553721	5962-8982605XC
TLV1543 (GEN)	5962-9689401QRA	UT1553BCRTM (GEN)	5962-8957701YA	FC1553721FP	5962-8982605YA
UC1543J/883B	5962-8774001EA	UT1553BCRTM (GEN)	5962-8957701ZA	FC1553721FP	5962-8982605YC
UC1543W/883B	5962-8774001FA	UT1553BCRTM (GEN)	5962H8957701Q9B	FC1553722	5962-8982607XA
1543AV18-250 (GEN)	5962F1120102QXA	UT1553BCRTM (GEN)	5962H8957701V9B	FC1553722	5962-8982607XC
CYRS1543AV18-250GC	5962F1120102VXA	UT1553BCRTM (GEN)	5962H8957701VXA	FC1553722FP	5962-8982607YA
SG1544J/883B	5962-8774002VA	UT1553BCRTM (GEN)	5962H8957701VYA	FC1553722FP	5962-8982607YC
1544AV18-250 (GEN)	5962F1120201QXA	UT1553BCRTM (GEN)	5962H8957701VZA	FC1553726	5962-8982608XA
CYRS1544AV18-250GC	5962F1120201VXA	UT1553BCRTM (GEN)	5962H8957701XA	FC1553726	5962-8982608XC
CYRS1544AV18-250GC	5962F1120202VXA	UT1553BCRTM (GEN)	5962H8957701YA	FC1553726FP	5962-8982608YA
1545 (GEN)	5962-8671201CA	UT1553BCRTM (GEN)	5962H8957701ZA	FC1553726FP	5962-8982608YC
1545 (GEN)	5962-8671201IA	UT1553BCRTMPA	5962-8950101YC	FC155377	5962-9208505HXA
NHI-1545 (GEN)	5962-9082906HTA	UT1553BCRTMPG	5962-8950101XA	FC155377	5962-9208505HXC
NHI-1545 (GEN)	5962-9082906HYA	UT1553BCRTMPG	5962-8950101XC	FC155377FP	5962-9208505HYA
1545AV18-250 (GEN)	5962F1120202QXA	UT1553BRTR (GEN)	5962-8957601XA	FC155377FP	5962-9208505HYC
SG1548J/883B	5962-8987801EA	UT1553BRTRAA	5962-8957601ZA	FC155391	5962-8979901XA
TLV1548MFKB	5962-9853801Q2A	UT1553BRTRAC	5962-8957601ZC	FC155391	5962-8979901XC
TLV1548MJB	5962-9853801QRA	UT1553BRTRWA	5962-8957601YA	FC155392	5962-8979902XA
SG1549Y/883B	5962-8684901PA	UT1553BRTRWC	5962-8957601YC	FC155392	5962-8979902XC
LF155A (GEN)	5962-9863601QGA	UT1553RTMP (GEN)	5962-8864501XA	FC1553921	5962-8952206XA
LF155A (GEN)	5962-9863601QPA	UT1553RTMP (GEN)	5962-8864501XC	FC1553921	5962-8952206XC
PM155AJ/QMLR	5962R9863601VGA	UT1553RTMP (GEN)	5962-8864501YA	FC1553921FP	5962-8952206KYA
PM155AZ/QMLR	5962R9863601VPA	UT1553RTMP (GEN)	5962-8864501ZA	FC1553921FP	5962-8952206KYC
NHI-1551 (GEN)	5962-9208501HXA	HD1-15530-8	7802901JA	FC1553921FP	5962-8952206YA
NHI-1551 (GEN)	5962-9208501HYA	HD4-15530-8	78029013A	FC1553921FP	5962-8952206YC
NHI-1553 (GEN)	5962-9168701HXA	HD-15531 (GEN)	5962-9054901MQA	FC1553922	5962-8952209XA
NHI-1553 (GEN)	5962-9168701HYA	HD-15531B (GEN)	5962-9054902MQA	FC1553922	5962-8952209XC
UT1553B/BCRTMBGCA	5962-8957701QXA	FC155361	5962-8604907XA	FC1553922FP	5962-8952209KYA
UT1553B/BCRTMBGCC	5962-8957701QXC	FC155361	5962-8604907XC	FC1553922FP	5962-8952209KYC
UT1553B/BCRTMB-QDI	5962-8957702Q9A	FC155362	5962-8604908XA	FC1553922FP	5962-8952209YA
UT1553B/BCRTMBWC	5962-8957701QUA	FC155362	5962-8604908XC	FC1553922FP	5962-8952209YC
UT1553B/BCRTMBWC	5962-8957701QYA	FC1553621	5962-8757909XA	FC1553923	5962-8952207XA
UT1553B/BCRTMBWC	5962-8957701QUC	FC1553621	5962-8757909XC	FC1553923	5962-8952207XC
UT1553B/BCRTMBWC	5962-8957701QYC	FC1553621FP	5962-8757909YA	FC1553923FP	5962-8952207KYA
UT1553BB (GEN)	5962-8862801TA	FC1553621FP	5962-8757909YC	FC1553923FP	5962-8952207KYC
UT1553BB (GEN)	5962-8862801XA	FC1553623	5962-8757906XA	FC1553923FP	5962-8952207YA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
FC1553923FP	5962-8952207YC	HCTS157 (GEN)	5962R9575501VEC	LM158A (GEN)	5962L8771002QXA
FC1553924	5962-8952210XA	HCTS157 (GEN)	5962R9575501VXC	LM158A (GEN)	5962L8771002VGA
FC1553924	5962-8952210XC	NHI-1570 (GEN)	5962-9206106HMA	LM158A (GEN)	5962L8771002VPA
NHI-1554 (GEN)	5962-9168702HXA	NHI-1570 (GEN)	5962-9206106HNA	LM158A (GEN)	5962L8771002VXA
NHI-1554 (GEN)	5962-9168702HYA	NHI-1572 (GEN)	5962-9168705HXA	LM158A MDE	5962R8771003V9A
MC1558FKB	5962-9760301Q2A	NHI-1572 (GEN)	5962-9168705HYA	LM158A MDR	5962R8771002V9A
MC1558JGB	5962-9760301QPA	NHI-1573 (GEN)	5962-9206103H6A	LM158AFKB	5962-87710022A
NHI-1559 (GEN)	5962-8952210YA	NHI-1573FP/883	5962-9206103HZA	LM158AH/883	5962-8771002GA
NHI-1559 (GEN)	5962-9206103HTA	NHI-1573FP/883	5962-9206103HZC	LM158AHLQMLV	5962R8771003VGA
NHI-1559/883	5962-8952201XA	NHI-1574 (GEN)	5962-9206104H6A	LM158AHRQMLV	5962R8771002VGA
NHI-1559/883	5962-8952201XC	NHI-1574FP/883	5962-9206104HZA	LM158AJ/883	5962-8771002PA
NHI-1559/883	5962-8952204XA	NHI-1574FP/883	5962-9206104HZC	LM158AJGB	5962-8771002PA
NHI-1559/883	5962-8952204XC	LM1575ADJ (GEN)	5962-9167101QYA	LM158AJRLQMLV	5962R8771003VPA
NHI-1559/883	5962-8952210XA	LM1575ADJ (GEN)	5962-9167101QZA	LM158AJRQMLV	5962R8771002VPA
NHI-1559/883	5962-8952210XC	LM1575ADJ (GEN)	5962-9167102QXA	LM158AWG/883	5962-8771002QXA
NHI-1559FP/883	5962-8952201YA	LM1575-ADJ (GEN)	5962-9167101MEA	LM158AWGRLQMLV	5962R8771003VXA
NHI-1559FP/883	5962-8952201YC	LM1575-ADJ (GEN)	5962-9167101MXA	LM158AWGRQMLV	5962R8771002VXA
NHI-1559FP/883	5962-8952204YA	LM157512 (GEN)	5962-9167301QXA	LM158FKB	5962-87710012A
NHI-1559FP/883	5962-8952204YC	LM157512 (GEN)	5962-9167301QYA	LM158JGB	5962-8771001PA
NHI-1559FP/883	5962-8952210YA	LM157512 (GEN)	5962-9167301QZA	NHI-1580 (GEN)	5962-9206104H4A
NHI-1559FP/883	5962-8952210YC	LM157512 (GEN)	5962-9167302QXA	NHI-1580 (GEN)	5962-9206104H5A
NHI-1559FP/883	5962-9206103HUA	LM1575-12 (GEN)	5962-9167301QEA	NHI-1581 (GEN)	5962-9206106H4A
NHI-1559FP/883	5962-9206103HUC	LM157515 (GEN)	5962-9167401QEA	NHI-1581 (GEN)	5962-9206106H5A
LF156A (GEN)	5962-9863602QGA	LM157515 (GEN)	5962-9167401QXA	NHI-1582 (GEN)	5962-9555801HXA
LF156A (GEN)	5962-9863602QPA	LM157515 (GEN)	5962-9167401QYA	NHI-1582 (GEN)	5962-9555801HYA
PM156AJ/QMLR	5962R9863602VGA	LM157515 (GEN)	5962-9167401QZA	NHI-1583 (GEN)	5962-9555802HXA
PM156AZ/QMLR	5962R9863602VPA	LM157515 (GEN)	5962-9167402QXA	NHI-1583 (GEN)	5962-9555802HYA
NHI-1560 (GEN)	5962-9206104HTA	LM1575-5.0 (GEN)	5962-9167201MXA	CT1589 (GEN)	5962-8982606XA
NHI-1560 (GEN)	5962-9206104HUA	LM15755HV5 (GEN)	5962-9167202QXA	CT1589 (GEN)	5962-8982606YA
NHI-1561 (GEN)	5962-9168703HUA	LM15755.0 (GEN)	5962-9167201QYA	CT1589M (GEN)	5962-9082907HTA
NHI-1561 (GEN)	5962-9168703HZA	LM15755.0 (GEN)	5962-9167201QZA	CT1589M (GEN)	5962-9082907HXA
NHI-1562 (GEN)	5962-9168704HUA	LM1575-5.0 (GEN)	5962-9167201QEA	CT1589M (GEN)	5962-9082907HYA
NHI-1562 (GEN)	5962-9168704HZA	NHI-1576 (GEN)	5962-9168706HXA	CT1589MI (GEN)	5962-9082908HTA
NHI-1563 (GEN)	5962-9206105HTA	NHI-1576 (GEN)	5962-9168706HYA	CT1589MI (GEN)	5962-9082908HXA
NHI-1563 (GEN)	5962-9206105HUA	LM1577-ADJ (GEN)	5962-9216601MXA	CT1589MIP (GEN)	5962-9082908HYA
NHI-1567/883	5962-9206103HMA	LM1577-ADJ (GEN)	5962-9216601QYA	ML1590/BGA	5962-8765701GA
NHI-1567/883	5962-9206103HMC	NHI-1577 (GEN)	5962-9206106HTA	NHI-1591 (GEN)	5962-9168707HUA
NHI-1567FP/883	5962-9206103HNA	NHI-1577 (GEN)	5962-9206106HUA	NHI-1591 (GEN)	5962-9168707HZA
NHI-1567FP/883	5962-9206103HNC	LM1577-12 (GEN)	5962-9216701MXA	NHI-1592 (GEN)	5962-9168708HUA
1568 (GEN)	5962-8876301IA	LM1577 (GEN)	5962-9216801MXA	NHI-1592 (GEN)	5962-9168708HZA
1568 (GEN)	5962-8876302CA	LM1578AH/883	5962-8958602GA	NHI-1593 (GEN)	5962-9206105H6A
NHI-1568 (GEN)	5962-9206104HMA	LM1578H/883	5962-8958601GA	NHI-1593FP/883	5962-9206105HZA
NHI-1568 (GEN)	5962-9206104HNA	NHI-1578 (GEN)	5962-9206105H4A	NHI-1593FP/883	5962-9206105HZC
NHI-1569 (GEN)	5962-9206105HMA	NHI-1578 (GEN)	5962-9206105H5A	NHI-1594 (GEN)	5962-9206106H6A
NHI-1569 (GEN)	5962-9206105HNA	NHI-1579 (GEN)	5962-9206103H4A	NHI-1594FP/883	5962-9206106HZA
ACS157-03 (GEN)	5962F9853601V9A	NHI-1579 (GEN)	5962-9206103H5A	NHI-1594FP/883	5962-9206106HZC
ACS157-03 (GEN)	5962F9853601VEC	LM158 (GEN)	5962-8771001GA	1595 (GEN)	5962-8987501CA
ACS157-03 (GEN)	5962F9853601VXC	LM158A (GEN)	5962-8771002VGA	AS1595C014	5962-0520201HCA
HCS157 (GEN)	5962R9580501V9A	LM158A (GEN)	5962-8771002VPA	1596 (GEN)	5962-8857101CA
HCS157 (GEN)	5962R9580501VEC	LM158A (GEN)	5962-8771002VXA	1596 (GEN)	5962-8857101IA
HCS157 (GEN)	5962R9580501VXC	LM158A (GEN)	5962L8771002QGA	NHI-1598 (GEN)	5962-9555803HXA
HCTS157 (GEN)	5962R9575501V9A	LM158A (GEN)	5962L8771002QPA	NHI-1598 (GEN)	5962-9555803HYA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
NHI-1599 (GEN)	5962-9555804HXA	PAL16C1 (GEN)	8103505SA	UT16MX116-XQC	5962R1023703QXC
NHI-1599 (GEN)	5962-9555804HYA	PLS161 (GEN)	5962-8850401LA	UT16MX116-XQC	5962R1023704QXC
HDAS-16/883	5962-8851404XA	ACS161-02 (GEN)	5962F9670602V9A	UT16MX116-XVC	5962F1023703VXC
HDAS-16/883	5962-8851404XC	ACS161-02 (GEN)	5962F9670602VEC	UT16MX116-XVC	5962R1023703VXC
MUX-16A (GEN)	5962-8771701XA	ACS161-02 (GEN)	5962F9670602VXC	UT16MX117-XQC	5962F1023701QXC
MUX-16B (GEN)	5962-87717023A	ACTS161-02 (GEN)	5962F9671602V9A	UT16MX117-XQC	5962R1023701QXC
MUX-16B (GEN)	5962-8771702XA	ACTS161-02 (GEN)	5962F9671602VEC	UT16MX117-XVC	5962F1023701VXC
OP16A (GEN)	5962-8954301GA	ACTS161-02 (GEN)	5962F9671602VXC	UT16MX117-XVC	5962R1023701VXC
OP16A (GEN)	5962-8954301PA	UC1611J/883B	5962-9053801PA	RHRDAC1612K01V	5962R1621101VXC
OP16A (GEN)	5962-8954304VGA	UC1611JQMLV	5962-9053801VPA	RHRDAC1612K02V	5962R1621101VXA
OP16A (GEN)	5962-8954304VPA	UC1611L/883B	5962-90538012A	RHRDAC1612KD2V	5962R1621101V9A
OP16AJ/QMLR	5962R8954304VGA	UC1611LQMLV	5962-9053801V2A	PAL16H2 (GEN)	81035042A
OP16AZ/QMLR	5962R8954304VPA	UT16MX110 (GEN)	5962F1023302QXC	PAL16H2 (GEN)	8103504RA
OP16B (GEN)	5962-8954302GA	UT16MX110 (GEN)	5962R1023302QXC	PAL16H2 (GEN)	8103504SA
OP16B (GEN)	5962-8954302PA	UT16MX110-QF_DIE	5962F1023301Q9A	PAL16H2A (GEN)	8103513RA
OP16C (GEN)	5962-8954303GA	UT16MX110-QR_DIE	5962R1023301Q9A	PAL16L2 (GEN)	81035092A
OP16C (GEN)	5962-8954303PA	UT16MX110-VF_DIE	5962F1023301V9A	PAL16L2 (GEN)	8103509RA
WEDSP-16 (GEN)	5962-9070401QXA	UT16MX110-VR_DIE	5962R1023301V9A	PAL16L2 (GEN)	8103509SA
HCS160 (GEN)	5962R9580601V9A	UT16MX110-XQC	5962F1023301QXC	PAL16L2A (GEN)	8103517RA
HCS160 (GEN)	5962R9580601VEC	UT16MX110-XQC	5962R1023301QXC	UC1620 (GEN)	5962-9554401MJC
HCS160 (GEN)	5962R9580601VXC	UT16MX110-XVC	5962F1023301VXC	RHRXH162244 (GEN)	5962R0521001VXC
HCTS160 (GEN)	5962R9574201TEC	UT16MX110-XVC	5962R1023301VXC	RHFHX162244 (GEN)	5962F0521001QXA
HCTS160 (GEN)	5962R9574201TXC	UT16MX111-QF_DIE	5962F1023303Q9A	RHFHX162244 (GEN)	5962F0521001VXA
HCTS160 (GEN)	5962R9574201V9A	UT16MX111-QR_DIE	5962R1023303Q9A	RHRXH162244 (GEN)	5962R0521001QXA
HCTS160 (GEN)	5962R9574201VEC	UT16MX111-VF_DIE	5962F1023303V9A	RHFHX162244K03V	5962F0521002VXC
HCTS160 (GEN)	5962R9574201VXC	UT16MX111-VR_DIE	5962R1023303V9A	RHRXH162244 (GEN)	5962R0521002VXC
LM160 (GEN)	5962-8767401CA	UT16MX111-XQC	5962F1023303QXC	RHFHX162244 (GEN)	5962F0521002QXA
LM160 (GEN)	5962-8767401GA	UT16MX111-XQC	5962R1023303QXC	RHRXH162244 (GEN)	5962R0521002QXA
LM160 (GEN)	5962-8767401PA	UT16MX111-XVC	5962F1023303VXC	RHFHX162244K05V	5962F0521002VYC
OP160A (GEN)	5962-9090501M2A	UT16MX111-XVC	5962R1023303VXC	RHFHX162244D2V	5962F0521001V9A
OP160A (GEN)	5962-9090501MPA	UT16MX112-QF_DIE	5962F1023304Q9A	RXH162244 (GEN)	5962R0521001V9A
HPC16003 (GEN)	5962-9054401MXA	UT16MX112-QR_DIE	5962R1023304Q9A	RHFHX162245 (GEN)	5962F0250801QXA
HPC16003 (GEN)	5962-9054401MYC	UT16MX112-VF_DIE	5962F1023304V9A	RHFHX162245 (GEN)	5962F0250801VXC
HPC16083 (GEN)	5962-9054402MXA	UT16MX112-VR_DIE	5962R1023304V9A	RHFHX162245 (GEN)	5962F0250802QXA
HPC16083 (GEN)	5962-9054402MYC	UT16MX112-XQC	5962F1023304QXC	RHFHX162245D2V	5962F0250802V9A
ACS161 (GEN)	5962F9670601V9A	UT16MX112-XQC	5962R1023304QXC	RHFHX162245K03V	5962F0250802VXC
ACS161 (GEN)	5962F9670601VEC	UT16MX112-XVC	5962F1023304VXC	RHFHX162245K05V	5962F0250802VYC
ACS161 (GEN)	5962F9670601VXC	UT16MX112-XVC	5962R1023304VXC	RHRXH162245 (GEN)	5962R0250801QXA
ACTS161 (GEN)	5962F9671601V9A	UT16MX113-XQC	5962F1023602QXC	RHRXH162245 (GEN)	5962R0250801VXC
ACTS161DMSR	5962F9671601VEC	UT16MX113-XQC	5962R1023602QXC	RHRXH162245 (GEN)	5962R0250802QXA
ACTS161KMSR	5962F9671601VXC	UT16MX113-XVC	5962F1023602VXC	RHRXH162245K03V	5962R0250802VXC
HCS161DMSR	5962R9573001VEC	UT16MX113-XVC	5962R1023602VXC	RHFXHR162245 (GEN)	5962F0521301VXC
HCS161HMSR	5962R9573001V9A	UT16MX114-XQC	5962F1023603QXC	RHRXHR162245 (GEN)	5962R0521301VXC
HCS161KMSR	5962R9573001VXC	UT16MX114-XQC	5962R1023603QXC	RHFXHR162245 (GEN)	5962F0521301QXA
HCTS161A (GEN)	5962R9577001V9A	UT16MX114-XVC	5962F1023603VXC	RHRXHR162245 (GEN)	5962R0521301QXA
HCTS161A (GEN)	5962R9577001VEC	UT16MX114-XVC	5962R1023603VXC	RHFXHR162245K03V	5962F0521302VXC
HCTS161A (GEN)	5962R9577001VXC	UT16MX115-XQC	5962F1023601QXC	RHRXHR162245 (GEN)	5962R0521302VXC
LM161/BA	5962-8757203BA	UT16MX115-XQC	5962R1023601QXC	RHFXHR162245 (GEN)	5962F0521302QXA
LM161/CA	5962-8757203CA	UT16MX115-XVC	5962F1023601VXC	RHRXHR162245 (GEN)	5962R0521302QXA
LM161/IA	5962-8757203IA	UT16MX115-XVC	5962R1023601VXC	RHFXHR162245K05V	5962F0521302VYC
PAL16C1 (GEN)	81035052A	UT16MX116-XQC	5962F1023703QXC	MOR1623K (GEN)	5962-88584012A
PAL16C1 (GEN)	8103505RA	UT16MX116-XQC	5962F1023704QXC	MOR1623K (GEN)	5962-8858401EA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MOR1623K (GEN)	5962-8858401FA	SG1626R/883B	5962-8871601XA	PAL16A4 (GEN)	8103606RA
RHFXH162373 (GEN)	5962F0521101VXC	SG1626T/883B	5962-8871601GA	PAL16R4 (GEN)	81036042A
RHRXH162373 (GEN)	5962R0521101VXC	SG1626Y/883B	5962-8871601PA	PAL16R4 (GEN)	8103604RA
RHFXH162373 (GEN)	5962F0521101QXA	54ABT162601 (GEN)	5962-9859301QXA	PAL16R4AMFKB	81036102A
RHRXH162373 (GEN)	5962R0521101QXA	HCS163 (GEN)	5962R9580701V9A	PAL16R4AMJB	8103610RA
RHFXH162373K03V	5962F0521102VXC	HCS163DMSR	5962R9580701VEC	PAL16R4AMWB	8103610SA
RHRXH162373 (GEN)	5962R0521102VXC	HCS163KMSR	5962R9580701VXC	PAL16X4 (GEN)	81036052A
RHFXH162373 (GEN)	5962F0521102QXA	HCTS163 (GEN)	5962R9574301V9A	PAL16X4 (GEN)	8103605RA
RHRXH162373 (GEN)	5962R0521102QXA	HCTS163 (GEN)	5962R9574301VEC	16R4-10 (GEN)	5962-9233804MRA
RHFXH162373K05V	5962F0521102VYC	HCTS163 (GEN)	5962R9574301VXC	16R4-10 (GEN)	5962-9233804MSA
RHFXH162374 (GEN)	5962F0521201VXC	Z16C3010GMB	5962-9065701MXC	16R4-10 (GEN)	5962-9233804MXA
RHRXH162374 (GEN)	5962R0521201VXC	DS1631H/883	5962-8863101GA	PAL16R4-10 (GEN)	5962-85155202A
RHFXH162374 (GEN)	5962F0521201QXA	DS1631J-8/883	5962-8863101PA	PAL16R4-10 (GEN)	5962-8515520RA
RHRXH162374 (GEN)	5962R0521201QXA	QP1631/BGA	5962-8863101GA	PAL16R4-10 (GEN)	5962-8515520SA
RHFXH162374K03V	5962F0521202VXC	QP1631/BPA	5962-8863101PA	PAL16R4-12 (GEN)	5962-8515516SA
RHRXH162374 (GEN)	5962R0521202VXC	DS1632H/883	5962-9052201GA	TIBPAL16R4-12MFKB	5962-85155162A
RHFXH162374 (GEN)	5962F0521202QXA	DS1632J-8/883	5962-9052201PA	TIBPAL16R4-12MJB	5962-8515516RA
RHRXH162374 (GEN)	5962R0521202QXA	QP1632/GA	5962-9052201GA	TIBPAL16R4-15MFKB	5962-85155122A
RHFXH162374K05V	5962F0521202VYC	QP1632/GC	5962-9052201GC	TIBPAL16R4-15MJB	5962-8515512RA
16X24B (GEN)	5962-9559902MYC	QP1632/PA	5962-9052201PA	TIBPAL16R4-15MWB	5962-8515512SA
16X24B (GEN)	5962-9559902MXC	QP1632/XA	5962-9052201XA	PAL16R4A-2 (GEN)	8103614SA
16X24B (GEN)	5962-9559903MYC	QP1632/XC	5962-9052201XC	PAL16R4A-2MFKB	81036142A
16X24B (GEN)	5962-9559903MXC	RHFXH163245D2V	5962F1120701V9A	PAL16R4A-2MJB	8103614RA
RHFAC16244K01Q	5962F0421001QXC	RHFXH163245K01V	5962F1120701VXC	C16R4-20 (GEN)	5962-8867812RA
RHFAC16244K01V	5962F0421001VXC	RHFXH163245K03V	5962F1120701VYC	C16R4-20 (GEN)	5962-8867812SA
RHFAC16244K02Q	5962F0421001QXA	UC1633 (GEN)	5962-9098701MEA	C16R4-20 (GEN)	5962-8867812XA
RHFAC16244K02V	5962F0421001VXA	DS1634H/883	5962-8982101GA	C16R4-20 (GEN)	5962-8871312RA
RHFAC16244K03V	5962F0421001VYC	DS1634J-8/883	5962-8982101PA	C16R4-20 (GEN)	5962-8871312SA
RHFAC16244K04V	5962F0421001VYA	QP1634/BGA	5962-8982101GA	C16R4-20 (GEN)	5962-8871312XA
RHFACT16244K01Q	5962F9202202QYC	QP1634/BPA	5962-8982101PA	TIBPAL16R4-20MFKB	5962-85155042A
RHFACT16244K01V	5962F9202202VYC	UC1637J/883	5962-8995701VA	TIBPAL16R4-20MJB	5962-8515504RA
RHFACT16244K02Q	5962F9202202QYA	UC1637L/883	5962-89957012A	TIBPAL16R4-20MWB	5962-8515504SA
RHFACT16244K02V	5962F9202202VYA	UC1637W-SP	5962-8995701VSA	AC164245DIE2V	5962R9858008V9A
RHFACT16244K03V	5962F9202202VZC	RHFAC16373K01Q	5962F0421201QXC	RHRAC164245K01Q	5962R9858008QYC
RHFACT16244K04V	5962F9202202VZA	RHFAC16373K01V	5962F0421201VXC	RHRAC164245K01V	5962R9858008VYC
RHFAC16245K01Q	5962F0421101QXC	RHFAC16373K02Q	5962F0421201QXA	RHRAC164245K03V	5962R9858008VZC
RHFAC16245K01V	5962F0421101VXC	RHFAC16373K02V	5962F0421201VXA	C16R4-30 (GEN)	5962-8867808RA
RHFAC16245K02Q	5962F0421101QXA	RHFAC16373K03V	5962F0421201VYC	C16R4-30 (GEN)	5962-8867808SA
RHFAC16245K02V	5962F0421101VXA	RHFAC16373K04V	5962F0421201VYA	C16R4-30 (GEN)	5962-8867808XA
RHFAC16245K03V	5962F0421101VYC	RHFAC16374K01Q	5962F0421301QXC	C16R4-30 (GEN)	5962-8871308RA
RHFAC16245K04V	5962F0421101VYA	RHFAC16374K01V	5962F0421301VXC	C16R4-30 (GEN)	5962-8871308SA
RHFACT16245K01Q	5962F9202302QYC	RHFAC16374K02Q	5962F0421301QXA	C16R4-30 (GEN)	5962-8871308XA
RHFACT16245K01V	5962F9202302VYC	RHFAC16374K02V	5962F0421301VXA	TIBPAL16R4-30MFKB	5962-85155082A
RHFACT16245K02Q	5962F9202302QYA	RHFAC16374K03V	5962F0421301VYC	TIBPAL16R4-30MJB	5962-8515508RA
RHFACT16245K02V	5962F9202302VYA	RHFAC16374K04V	5962F0421301VYA	TIBPAL16R4-30MWB	5962-8515508SA
RHFACT16245K03V	5962F9202302VZC	HCS164 (GEN)	5962R9578501V9A	PAL16R4A-4 (GEN)	85065042A
RHFACT16245K04V	5962F9202302VZA	HCS164DMSR	5962R9578501VCC	PAL16R4A-4 (GEN)	8506504RA
UC1625 (GEN)	5962-9168901MXA	HCS164KMSR	5962R9578501VXC	PAL16R4A-4 (GEN)	8506504SA
UC1625-SP	5962-9168902VYA	HCTS164 (GEN)	5962R9566301V9A	PAL16R4B-4 (GEN)	5962-88515042A
HS-6254 (GEN)	5962F9764101VEC	HCTS164DMSR	5962R9566301VCC	PAL16R4B-4 (GEN)	5962-8851504RA
HS-6254 (GEN)	5962F9764101VXC	HCTS164KMSR	5962R9566301VXC	PAL16R4B-4 (GEN)	5962-8851504SA
SG1626J/883B	5962-8871601CA	PAL16A4 (GEN)	81036062A	SG1644J-DESC	5962-9165301MCA



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## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SG1644L-DESC	5962-9165301M2A	PALC16R6-20QMB	5962-8867811XA	16L8-10 (GEN)	5962-9233801MSA
SG1644T-DESC	5962-9165301MGA	PALC16R6-20TMB	5962-8867811SA	16L8-10 (GEN)	5962-9233801MXA
SG1644Y-DESC	5962-9165301MPA	PALC16R6-20WMB	5962-8867811RA	16R8-10 (GEN)	5962-9233802MRA
C16R4-40 (GEN)	5962-8867804RA	TIBPAL16R6-20MFKB	5962-85155032A	16R8-10 (GEN)	5962-9233802MSA
C16R4-40 (GEN)	5962-8867804SA	TIBPAL16R6-20MJB	5962-8515503RA	16R8-10 (GEN)	5962-9233802MXA
C16R4-40 (GEN)	5962-8867804XA	TIBPAL16R6-20MWB	5962-8515503SA	16V8D-10LD/883	5962-8983904RA
C16R4-40 (GEN)	5962-8871304RA	PAL16R6-30 (GEN)	5962-8515507SA	16V8D-10LR/883	5962-89839042A
C16R4-40 (GEN)	5962-8871304SA	PALC16R6-30DMB	5962-8871307RA	PAL16L8-10 (GEN)	5962-85155172A
C16R4-40 (GEN)	5962-8871304XA	PALC16R6-30KMB	5962-8871307SA	PAL16L8-10 (GEN)	5962-8515517RA
16R4-7 (GEN)	5962-9233808MRA	PALC16R6-30LMB	5962-8871307XA	PAL16L8-10 (GEN)	5962-8515517SA
16R4-7 (GEN)	5962-9233808MSA	PALC16R6-30QMB	5962-8867807XA	PALCE16V8-10DMB	5962-8983904RA
16R4-7 (GEN)	5962-9233808MXA	PALC16R6-30TMB	5962-8867807SA	PALCE16V8-10DMB	5962-8983911RA
PAL16R4-7 (GEN)	5962-85155222A	PALC16R6-30WMB	5962-8867807RA	PALCE16V8-10LMB	5962-89839042A
PAL16R4-7 (GEN)	5962-8515522RA	TIBPAL16R6-30MFKB	5962-85155072A	PALCE16V8-10LMB	5962-89839112A
PAL16R4-7 (GEN)	5962-8515522SA	TIBPAL16R6-30MJB	5962-8515507RA	TIBPAL16R8-10MFKB	5962-85155182A
1648 (GEN)	5962-8977801CA	PAL16R6A-4 (GEN)	85065032A	TIBPAL16R8-10MJB	5962-8515518RA
1648 (GEN)	5962-8977801DA	PAL16R6A-4 (GEN)	8506503RA	TIBPAL16R8-10MWB	5962-8515518SA
AS1648C014	5962-0520301HCA	PAL16R6A-4 (GEN)	8506503SA	PAL16L8-12 (GEN)	5962-85155132A
1648 (GEN)	5962-89778012A	PAL16R6B-4 (GEN)	5962-88515032A	PAL16L8-12 (GEN)	5962-8515513RA
HCS165 (GEN)	5962R9578601V9A	PAL16R6B-4 (GEN)	5962-8851503RA	PAL16L8-12 (GEN)	5962-8515513SA
HCS165 (GEN)	5962R9578601VEC	PAL16R6B-4 (GEN)	5962-8851503SA	PAL16R8-12 (GEN)	5962-85155142A
HCS165 (GEN)	5962R9578601VXC	PALC16R6-40DMB	5962-8871303RA	PAL16R8-12 (GEN)	5962-8515514RA
TLC16C552AMHVB	5962-9755001QXA	PALC16R6-40KMB	5962-8871303SA	PAL16R8-12 (GEN)	5962-8515514SA
HCS166 (GEN)	5962R9578701V9A	PALC16R6-40LMB	5962-8871303XA	16V8 (GEN)	5962-8983903SA
HCS166 (GEN)	5962R9578701VEC	PALC16R6-40QMB	5962-8867803XA	16V8D-15LD/883	5962-8983903RA
HCS166 (GEN)	5962R9578701VXC	PALC16R6-40TMB	5962-8867803SA	16V8D-15LR/883	5962-89839032A
PAL16L6 (GEN)	5962-86804043A	PALC16R6-40WMB	5962-8867803RA	16V8L-15 (GEN)	5962-89839102A
PAL16L6 (GEN)	5962-8680404KA	MSK1665H	5962-0150301HXC	16V8L-15 (GEN)	5962-8983910RA
PAL16L6 (GEN)	5962-8680404LA	MSK1666H	5962-0150302HXC	16V8L-15 (GEN)	5962-89839142A
PAL16R6 (GEN)	81036032A	16R6-7 (GEN)	5962-9233807MRA	16V8L-15 (GEN)	5962-8983914RA
PAL16R6 (GEN)	8103603RA	16R6-7 (GEN)	5962-9233807MSA	PAL16L8-15 (GEN)	5962-85155092A
PAL16R6A (GEN)	8103609SA	16R6-7 (GEN)	5962-9233807MXA	PAL16L8-15 (GEN)	5962-8515509RA
PAL16R6AMFKB	81036092A	MSK1667H	5962-0150401HXC	PAL16L8-15 (GEN)	5962-8515509SA
PAL16R6AMJB	8103609RA	MSK167B	5962-9689701HXC	PAL16R8-15 (GEN)	5962-85155102A
16R6-10 (GEN)	5962-9233803MRA	MSK167B (GEN)	5962-9689701HXA	PAL16R8-15 (GEN)	5962-8515510RA
16R6-10 (GEN)	5962-9233803MSA	MSK167B (GEN)	5962-9689703HXA	PAL16R8-15 (GEN)	5962-8515510SA
16R6-10 (GEN)	5962-9233803MXA	MSK167B (GEN)	5962-9689703HXC	PALCE16V8-15DMB	5962-8983909RA
PAL16R6-10 (GEN)	5962-85155192A	MSK167H	5962-9689704HXC	PALCE16V8-15DMB	5962-8983913RA
PAL16R6-10 (GEN)	5962-8515519RA	AD1671SQ/883B	5962-9312601MXA	PALCE16V8-15LMB	5962-89839092A
PAL16R6-10 (GEN)	5962-8515519SA	AD1674TD/883B	5962-9316401MXA	PALCE16V8-15LMB	5962-89839132A
PAL16R6-12 (GEN)	5962-8515515SA	PAL16L8 (GEN)	81036012A	PAL16L8A-2 (GEN)	8103611SA
TIBPAL16R6-12MFKB	5962-85155152A	PAL16L8 (GEN)	8103601RA	PAL16L8A-2MFKB	81036112A
TIBPAL16R6-12MJB	5962-8515515RA	PAL16L8AMFKB	81036072A	PAL16L8A-2MJB	8103611RA
PAL16R6-15 (GEN)	5962-85155112A	PAL16L8AMJB	8103607RA	PAL16R8A-2 (GEN)	81036122A
PAL16R6-15 (GEN)	5962-8515511RA	PAL16L8AMWB	8103607SA	PAL16R8A-2 (GEN)	8103612RA
PAL16R6-15 (GEN)	5962-8515511SA	PAL16R8 (GEN)	81036022A	PAL16R8A-2 (GEN)	8103612SA
PAL16R6A-2 (GEN)	81036132A	PAL16R8 (GEN)	8103602RA	16V8 (GEN)	5962-8983902SA
PAL16R6A-2 (GEN)	8103613RA	PAL16R8A (GEN)	8103608SA	16V8 (GEN)	5962-89839062A
PAL16R6A-2 (GEN)	8103613SA	PAL16R8AMFKB	81036082A	16V8 (GEN)	5962-8983906RA
PALC16R6-20DMB	5962-8871311RA	PAL16R8AMJB	8103608RA	16V8D-20LD/883	5962-8983902RA
PALC16R6-20KMB	5962-8871311SA	PLS168/BLA	5962-9201201MLA	16V8D-20LR/883	5962-89839022A
PALC16R6-20LMB	5962-8871311XA	16L8-10 (GEN)	5962-9233801MRA	C16L8-20 (GEN)	5962-8867809RA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
C16L8-20 (GEN)	5962-8867809SA	PAL16R8B-4 (GEN)	5962-88515022A	OP-17A (GEN)	5962-8770601PA
C16L8-20 (GEN)	5962-8867809XA	PAL16R8B-4 (GEN)	5962-8851502RA	OP-17B (GEN)	5962-8770602GA
PAL16R8-20 (GEN)	5962-8515502SA	PAL16R8B-4 (GEN)	5962-8851502SA	OP-17B (GEN)	5962-8770602PA
PALC16L8-20DMB	5962-8871309RA	C16L8-40 (GEN)	5962-8867801RA	TSC170 (GEN)	5962-89638012A
PALC16L8-20KMB	5962-8871309SA	C16L8-40 (GEN)	5962-8867801SA	TSC170 (GEN)	5962-8963801EA
PALC16L8-20LMB	5962-8871309XA	C16L8-40 (GEN)	5962-8867801XA	GEM17001Q2A	78009012A
PALC16R8-20DMB	5962-8871310RA	PALC16L8-40DMB	5962-8871301RA	GEM17001Q2C	78009012C
PALC16R8-20KMB	5962-8871310SA	PALC16L8-40KMB	5962-8871301SA	GEM17001QEA	7800901EA
PALC16R8-20LMB	5962-8871310XA	PALC16L8-40LMB	5962-8871301XA	GEM17001QEC	7800901EC
PALC16R8-20QMB	5962-8867810XA	PALC16R8-40DMB	5962-8871302RA	GEM17001QFA	7800901FA
PALC16R8-20TMB	5962-8867810SA	PALC16R8-40KMB	5962-8871302SA	GEM17001QFC	7800901FC
PALC16R8-20WMB	5962-8867810RA	PALC16R8-40LMB	5962-8871302XA	XQ1701L (GEN)	5962-9951401NXB
TIBPAL16L8-20MFKB	5962-85155012A	PALC16R8-40QMB	5962-8867802XA	XQ1701L (GEN)	5962-9951401QYA
TIBPAL16L8-20MJB	5962-8515501RA	PALC16R8-40TMB	5962-8867802SA	UC1705J/883BC	5962-9579801MPA
TIBPAL16L8-20MWB	5962-8515501SA	PALC16R8-40WMB	5962-8867802RA	UC1705JQMLV	5962-9579801VPA
TIBPAL16R8-20MFKB	5962-85155022A	16L8-7 (GEN)	5962-9233805MRA	UC1705L/883BC	5962-9579801M2A
TIBPAL16R8-20MJB	5962-8515502RA	16L8-7 (GEN)	5962-9233805MSA	UC1706J/883B	5962-8961101EA
16V8 (GEN)	5962-89839052A	16L8-7 (GEN)	5962-9233805MXA	UC1706L/883B	5962-89611012A
16V8 (GEN)	5962-8983905RA	16R8-7 (GEN)	5962-9233806MRA	UC1707J/80900	5962-8761901EA
16V8D-30LR/883	5962-89839012A	16R8-7 (GEN)	5962-9233806MSA	UC1707JQMLV	5962-8761901VEA
16V8L-25 (GEN)	5962-89839082A	16R8-7 (GEN)	5962-9233806MXA	UC1707J-SP	5962-8761903VEA
16V8L-25 (GEN)	5962-8983908RA	16V8D-7LD/883	5962-8983907RA	UC1707L/81032	5962-87619012A
16V8L-25 (GEN)	5962-89839122A	16V8D-7LR/883	5962-89839072A	UC1707LQMLV	5962-8761901V2A
16V8L-25 (GEN)	5962-8983912RA	PAL16R8-7 (GEN)	5962-85155212A	UC1707L-SP	5962-8761903V2A
16V8D-30LD/883	5962-8983901RA	PAL16R8-7 (GEN)	5962-8515521SA	UC1707W-SP	5962-8761903VFA
C16L8-30 (GEN)	5962-8867805RA	TIBPAL16R8-7MJB	5962-8515521RA	UC1708J883B	5962-0051401QPA
C16L8-30 (GEN)	5962-8867805SA	LM169 (GEN)	5962-9456101MGA	UC1708JE883B	5962-0051401QEA
C16L8-30 (GEN)	5962-8867805XA	CG1690AA (GEN)	5962-9055502XA	UC1708JEQMLV	5962-0051401VEA
C16R8-30 (GEN)	5962-8867806RA	CG1690BA (GEN)	5962-9055501XA	UC1708JQMLV	5962-0051401VPA
PALC16L8-30DMB	5962-8871305RA	CG1690CA (GEN)	5962-9055503XA	UC1708L883B	5962-0051401Q2A
PALC16L8-30KMB	5962-8871305SA	MSK1691H	5962-0625301HXC	UC1708LQMLV	5962-0051401V2A
PALC16L8-30LMB	5962-8871305XA	MSK1691H (GEN)	5962-0625301HXA	UC1709 (GEN)	5962-0151201V2A
PALC16R8-30DMB	5962-8871306RA	QP1691AE/883	5962-86721012A	UC1709J883B	5962-0151201QPA
PALC16R8-30KMB	5962-8871306SA	QP1691AJ/883	5962-8672101EA	UC1709JQMLV	5962-0151201VPA
PALC16R8-30LMB	5962-8871306XA	QP1691AW/883	5962-8672101FA	UC1709L883B	5962-0151201Q2A
PALC16R8-30QMB	5962-8867806XA	MSK1692H	5962-0625201HXC	TSC171 (GEN)	5962-89638022A
PALC16R8-30TMB	5962-8867806SA	MSK1692H (GEN)	5962-0625201HXA	TSC171 (GEN)	5962-8963802EA
TIBPAL16L8-30MFKB	5962-85155052A	DS16F95 (GEN)	5962-8961501HA	UC1710 (GEN)	5962-0152001VXA
TIBPAL16L8-30MJB	5962-8515505RA	DS16F95 (GEN)	5962-8961501QXA	UC1710J883B	5962-0152001QPA
TIBPAL16L8-30MWB	5962-8515505SA	DS16F95 (GEN)	5962-8961501VHA	UC1710JQMLV	5962-0152001VPA
TIBPAL16R8-30MFKB	5962-85155062A	DS16F95 (GEN)	5962-8961501VPA	IS0-1715AEH-Q	5962F0052103V9A
TIBPAL16R8-30MJB	5962-8515506RA	DS16F95 (GEN)	5962-8961501VXA	IS0-1715ARH-Q	5962F0052101V9A
TIBPAL16R8-30MWB	5962-8515506SA	DS16F95 (GEN)	5962F8961501QHA	IS9-1715AEH-Q	5962F0052103VXC
PAL16L8A-4 (GEN)	85065012A	DS16F95 (GEN)	5962F8961501QPA	IS9-1715ARH-8	5962F0052101QXC
PAL16L8A-4 (GEN)	8506501RA	DS16F95 (GEN)	5962F8961501QXA	IS9-1715ARH-Q	5962F0052101VXC
PAL16L8A-4 (GEN)	8506501SA	DS16F95 (GEN)	5962F8961501VPA	IS9-1715ARH-T	5962R0052101TXC
PAL16L8B-4 (GEN)	5962-88515012A	DS16F95 (GEN)	5962F8961501VXA	UC1715W-SP	5962-0052102VFA
PAL16L8B-4 (GEN)	5962-8851501RA	DS16F95 MDR	5962F8961501V9A	UC1717 (GEN)	5962-9474601M2A
PAL16L8B-4 (GEN)	5962-8851501SA	DS16F95E/883	5962-89615012A	UC1717 (GEN)	5962-9474601MEA
PAL16R8A-4 (GEN)	85065022A	DS16F95J/883	5962-8961501PA	LMU17 (GEN)	5962-8768604TA
PAL16R8A-4 (GEN)	8506502RA	DS16F95WFQMLV	5962F8961501VHA	LMU17 (GEN)	5962-8768604XA
PAL16R8A-4 (GEN)	8506502SA	OP-17A (GEN)	5962-8770601GA	17256 (GEN)	5962-9561701MPA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
PLS173/BLA	5962-8850402LA	UT1750AR16GCC	5962-0150202QXC	P1754-20QLMB	5962-8864201UA
LMU17 (GEN)	5962-8768605TA	UT1750AR16GCCH	5962H0150202QXC	P1754-30CMB	5962-8864205XA
LMU17 (GEN)	5962-8768605XA	UT1750AR16GCCH	5962H0150202VXC	P1754-30GMB	5962-8864205TA
SG1731J/883B	5962-9669901MEA	UT1750AR16WCC	5962-0150202QYC	P1754-30PGMB	5962-8864202ZA
ACS174 (GEN)	5962F9863401V9A	UT1750AR16WCCH	5962H0150202QYC	P1754-30QGMB	5962-8864202YA
ACS174 (GEN)	5962F9863401VEC	UT1750AR16WCCH	5962H0150202VYC	P1754-30QLMB	5962-8864202UA
ACS174 (GEN)	5962F9863401VXC	P1750A-20CMB	5962-8766502XA	P1754-40CMB	5962-8864206XA
LMU17 (GEN)	5962-8768606TA	P1750A-20CMB	5962-8766502XC	P1754-40GMB	5962-8864206TA
LMU17 (GEN)	5962-8768606XA	P1750A-20GMB	5962-8766502TA	P1754-40PGMB	5962-8864203ZA
GEM17401Q2A	5962-88557012A	P1750A-20PGMB	5962-8766502ZA	P1754-40QGMB	5962-8864203YA
GEM17401Q2C	5962-88557012C	P1750A-20QGMB	5962-8766502YA	P1754-40QLMB	5962-8864203UA
GEM17401QEA	5962-8855701EA	P1750A-20QLMB	5962-8766502UA	LMU17 (GEN)	5962-8768602TA
GEM17401QEC	5962-8855701EC	P1750AE-20CMB	5962-8766505XA	LMU17 (GEN)	5962-8768602XA
GEM17401QFA	5962-8855701FA	P1750AE-20GMB	5962-8766505TA	LMU17 (GEN)	5962-8768602ZA
GEM17401QFC	5962-8855701FC	P1750AE-20PGMB	5962-8766505ZA	RTM1760-PGA	5962-9553901HYC
ACS175 (GEN)	5962F9863501V9A	P1750AE-20QGMB	5962-8766505YA	RTM1760-SM	5962-9553901HXC
ACS175 (GEN)	5962F9863501VEC	P1750AE-20QLMB	5962-8766505UA	RTS1760-PGA	5962-9553902HYC
ACS175 (GEN)	5962F9863501VXC	P1750A-30CMB	5962-8766503XA	RTS1760-SM	5962-9553902HXC
BX1750A (GEN)	5962-8951901MUA	P1750A-30GMB	5962-8766503TA	UT1760ARTS (GEN)	5962-8957501YA
BX1750A (GEN)	5962-8951902MUA	P1750A-30PGMB	5962-8766503ZA	UT1760ARTS (GEN)	5962-8957501ZA
BX1750A (GEN)	5962-8951903MUA	P1750A-30QGMB	5962-8766503YA	UT1760ARTSGA	5962-8957501XA
BX1750A (GEN)	5962-8951991MTA	P1750A-30QLMB	5962-8766503UA	UT1760ARTSGC	5962-8957501XC
BX1750A (GEN)	5962-8951992MTA	P1750AE-30PGMB	5962-8766506ZA	GEM17601Q2A	5962-87792012A
BX1750A (GEN)	5962-8951993MTA	P1750AE-30QGMB	5962-8766506YA	GEM17601Q2C	5962-87792012C
HX1750XQN	5962-0520701QXC	P1750AE-30QLMB	5962-8766506UA	GEM17601QEA	5962-8779201EA
HX1750YQN	5962-0520701QYC	P1750A-40CMB	5962-8766504XA	GEM17601QEC	5962-8779201EC
HX1750ZQN	5962-0520701QZC	P1750A-40GMB	5962-8766504TA	GEM17601QFA	5962-8779201FA
RX1750-01 (GEN)	5962H9684701QYC	P1750A-40PGMB	5962-8766504ZA	GEM17601QFC	5962-8779201FC
RX1750-02 (GEN)	5962H9684702QYC	P1750A-40QGMB	5962-8766504YA	MTLT1764AQM	5962-0323801MXA
GEM17501Q2A	5962-88560012A	P1750A-40QLMB	5962-8766504UA	1765 (GEN)	5962-9471701MPA
GEM17501Q2C	5962-88560012C	P1750AE-40PGMB	5962-8766507ZA	ACPL-177KL	5962-0822703KEC
GEM17501QEA	5962-8856001EA	P1750AE-40QGMB	5962-8766507YA	HCPL-177K	5962-9800201KEC
GEM17501QEC	5962-8856001EC	P1750AE-40QLMB	5962-8766507UA	GEM17701B2A	5962-88527012A
GEM17501QFA	5962-8856001FA	P1753-20CMB	5962-8950504XA	GEM17701B2C	5962-88527012C
GEM17501QFC	5962-8856001FC	P1753-20GMB	5962-8950504TA	GEM17701BEA	5962-8852701EA
UT1750AR12GCA	5962-0150201QXA	P1753-20PGMB	5962-8950501ZA	GEM17701BEC	5962-8852701EC
UT1750AR12GCAH	5962H0150201QXA	P1753-20QGMB	5962-8950501YA	GEM17701BFA	5962-8852701FA
UT1750AR12GCAH	5962H0150201VXA	P1753-20QLMB	5962-8950501UA	GEM17701BFC	5962-8852701FC
UT1750AR12GCAH	5962H0150201VXC	P1753-30CMB	5962-8950505XA	ACPL-177KL-100	5962-0822703KUA
UT1750AR12GCC	5962-0150201QXC	P1753-30GMB	5962-8950505TA	ACPL-177KL-100	5962-0822703KUC
UT1750AR12GCCH	5962H0150201QXC	P1753-30PGMB	5962-8950502ZA	HCPL-177K#100	5962-9800201KYA
UT1750AR12WCC	5962-0150201QYC	P1753-30QGMB	5962-8950502YA	HCPL-177K#100	5962-9800201KYC
UT1750AR12WCCH	5962H0150201QYC	P1753-30QLMB	5962-8950502UA	ACPL-1772L	5962-0822703HEC
UT1750AR12WCCH	5962H0150201VYC	P1753-40CMB	5962-8950506XA	ACPL-177KL-200	5962-0822703KEA
P1750A-15CMB	5962-8766501XA	P1753-40GMB	5962-8950506TA	HCPL-177K#200	5962-9800201KEA
P1750A-15GMB	5962-8766501TA	P1753-40PGMB	5962-8950503ZA	ACPL-1772L-100	5962-0822703HUA
P1750A-15PGMB	5962-8766501ZA	P1753-40QGMB	5962-8950503YA	ACPL-1772L-100	5962-0822703HUC
P1750A-15QGMB	5962-8766501YA	P1753-40QLMB	5962-8950503UA	ACPL-1772L-200	5962-0822703HEA
P1750A-15QLMB	5962-8766501UA	P1754-20CMB	5962-8864204XA	ACPL-1772L-300	5962-0822703HTA
UT1750AR16GCA	5962-0150202QXA	P1754-20GMB	5962-8864204TA	ACPL-177KL-300	5962-0822703KTA
UT1750AR16GCAH	5962H0150202QXA	P1754-20PGMB	5962-8864201ZA	HCPL-177K#300	5962-9800201KXA
UT1750AR16GCAH	5962H0150202VXA	P1754-20QGMB	5962-8864201YA	LMU17 (GEN)	5962-8768603TA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
LMU17 (GEN)	5962-8768603XA	ATC18R_216KBxxx-SR	5962R06B0201VYC	UC1825AJ-SP	5962-8768105VEA
LMU17 (GEN)	5962-8768603ZA	ATC18R_216KBxxx-SR	5962R06B0205VYC	UC1825AL883B	5962-87681022A
DS1776 (GEN)	5962-9231701MXA	ATC18R_216KBxxx-SV	5962-06B0201VYC	UC1825ALQMLV	5962-8768102V2A
DS1776E/883	5962-9231701M3A	ATC18R_216KBxxx-SV	5962-06B0205VYC	UC1825FK-SP	5962-8768104V2A
DS1776E1/883	5962-9231701M3C	ATC18R_216KExxx-MQ	5962-06B0201QXC	UC1825J883B	5962-8768101EA
HCPL-177K#600	5962-9800201KZA	ATC18R_216KExxx-MQ	5962-06B0205QXC	UC1825JQMLV	5962-8768101VEA
HCPL-177K#600	5962-9800201KZC	ATC18R_216KExxx-SR	5962R06B0201VXC	UC1825J-SP	5962-8768104VEA
PLS179 (GEN)	5962-8850701LA	ATC18R_216KExxx-SR	5962R06B0205VXC	UC1825L883B	5962-87681012A
DG180A (GEN)	5962-8767301AA	ATC18R_216KExxx-SV	5962-06B0201VXC	UC1825LQMLV	5962-8768101V2A
DG180A (GEN)	5962-8767301CA	ATC18R_216KExxx-SV	5962-06B0205VXC	UC1825W883B	5962-8768101QFA
DG180A (GEN)	5962-8767301IA	1823 (GEN)	7901801JA	ISO-1825BSEH-Q	5962F0251105V9A
DG180A (GEN)	5962-8767301XA	1823B (GEN)	5962-89905032A	ISO-1825BSRH-Q	5962F0251103V9A
1800-75 (GEN)	5962-8854902UA	1823B (GEN)	5962-8990503EA	IS1-1825ASRH-8	5962F0251101QEC
1800-75 (GEN)	5962-8854902YA	UC1823AJ/883B	5962-8990502EA	IS1-1825BSEH-Q	5962F0251105VEC
1800-90 (GEN)	5962-8854901XA	UC1823AJQMLV	5962-8990502VEA	IS1-1825BSRH-8	5962F0251103QEC
1800-90 (GEN)	5962-8854901YA	UC1823AL/883B	5962-89905022A	IS1-1825BSRH-Q	5962F0251103VEC
1800-90 (GEN)	5962-8854901ZA	UC1823J/883B	5962-8990501EA	IS9-1825ASRH-8	5962F0251101QXC
UCC1801J883BC	5962-9451301MPA	UC1823L/883B	5962-89905012A	IS9-1825BSEH-Q	5962F0251105VXC
UCC1802J883BC	5962-9451302MPA	SCAN18245T/MXA	5962-9311501MXA	IS9-1825BSRH-8	5962F0251103QXC
UCC1803J883BC	5962-9451303MPA	1825A (GEN)	5962-8768102XA	IS9-1825BSRH-Q	5962F0251103VXC
UCC1804J883BC	5962-9451304MPA	1825B (GEN)	5962-87681032A	UC1827 (GEN)	5962-9961901Q3A
1805 (GEN)	5962-8778201MA	1825B (GEN)	5962-8768103EA	UC1827 (GEN)	5962-9961901QJA
UCC1805 (GEN)	5962-9451305MPA	1825B (GEN)	5962-8768103XA	L1A8274 (GEN)	5962-94A0201MYC
UCC1806J/883BC	5962-9457501MEA	1M8C25 (GEN)	5962H9687705QXC	HI-1828A (GEN)	5962-9762001Q2A
UCC1806JQMLV	5962-9457501VEA	1M8C25 (GEN)	5962H9687705QYC	HI-1828A (GEN)	5962-9762001QEA
UCC1806L/883BC	5962-9457501Q2A	1M8C25 (GEN)	5962H9687705VXC	1M8C30 (GEN)	5962H9687703QXC
UCC1806LQMLV	5962-9457501V2A	1M8C25 (GEN)	5962H9687705VYC	1M8C30 (GEN)	5962H9687703QYC
MSK 181G	5962-9215203GYC	1M8T25 (GEN)	5962H9687706QXC	1M8C30 (GEN)	5962H9687703VXC
MSK 181G	5962-9215204GYC	1M8T25 (GEN)	5962H9687706QYC	1M8C30 (GEN)	5962H9687703VYC
MSK 181GZ	5962-9215203GZC	1M8T25 (GEN)	5962H9687706VXC	1M8T30 (GEN)	5962H9687704QXC
MSK 181GZ	5962-9215204GZC	1M8T25 (GEN)	5962H9687706VYC	1M8T30 (GEN)	5962H9687704QYC
1810 (GEN)	5962-8946901YC	HS0-1825AEH-Q	5962F9955802V9A	1M8T30 (GEN)	5962H9687704VXC
1812 (GEN)	5962-87776014A	HS0-1825ARH-Q	5962F9955801V9A	1M8T30 (GEN)	5962H9687704VYC
1812 (GEN)	5962-87776015A	HS1-1825AEH-Q	5962F9955802VEC	OM1830 (GEN)	5962R8952001YA
1812 (GEN)	5962-8777601MA	HS1-1825ARH-8	5962F9955801QEC	UC1832J/883BC	5962-9326501MCA
1812 (GEN)	5962-8777601NA	HS1-1825ARH-Q	5962F9955801VEC	UC1832JQMLV	5962-9326501VCA
7815A (GEN)	5962-88553015A	HS-1825A (GEN)	5962R9955801TXC	UC1832L/883BC	5962-9326501M2A
7815A (GEN)	5962-8855301MA	HS4-1825A (GEN)	5962F9955801Q2C	UC1832LQMLV	5962-9326501V2A
L1A8155 (GEN)	5962-93A2201MYC	HS4-1825A (GEN)	5962F9955801V2C	ATC18R_324BGxxx-MQ	5962-06B0202Q7C
L1A8171 (GEN)	5962-93A2101MYC	HS9-1825AEH-Q	5962F9955802VXC	ATC18R_324BGxxx-MQ	5962-06B0206Q7C
CT1820-001-1	5962-9063601HXC	HS9-1825ARH-8	5962F9955801QXC	ATC18R_324BGxxx-SR	5962R06B0202V7C
CT1820-001-2	5962-9063601HXA	HS9-1825ARH-Q	5962F9955801VXC	ATC18R_324BGxxx-SR	5962R06B0206V7C
CT1820-201-1	5962-9063601HYC	ISO-1825ASRH-Q	5962F0251101V9A	ATC18R_324BGxxx-SV	5962-06B0202V7C
CT1820-201-2	5962-9063601HYA	IS1-1825ASRH-Q	5962F0251101VEC	ATC18R_324BGxxx-SV	5962-06B0206V7C
LMD18200 (GEN)	5962-9232501VXA	IS9-1825ASRH-Q	5962F0251101VXC	ATC18R_324KAXxx-MQ	5962-06B0202QZC
LMD18200-2D/883	5962-9232501MXA	IS9-1825ASRH-T	5962R0251101TXC	ATC18R_324KAXxx-MQ	5962-06B0206QZC
CT1820-2-001-1	5962-9063602HXC	SG1825CJ883B	5962-8768101EA	ATC18R_324KAXxx-SR	5962R06B0202VZC
CT1820-2-001-2	5962-9063602HXA	SG1825CL883B	5962-87681012A	ATC18R_324KAXxx-SR	5962R06B0206VZC
CT1820-2-201-1	5962-9063602HYC	UC1825AHKT-RHA	5962P8768105VYC	ATC18R_324KAXxx-SV	5962-06B0202VZC
CT1820-2-201-2	5962-9063602HYA	UC1825AJ883B	5962-8768102EA	ATC18R_324KAXxx-SV	5962-06B0206VZC
ATC18R_216KBxxx-MQ	5962-06B0201QYC	UC1825AJQMLV	5962-8768102VEA	ATC18R_324KBxxx-MQ	5962-06B0202QYC
ATC18R_216KBxxx-MQ	5962-06B0205QYC	UC1825AJ-RHA	5962P8768105VEA	ATC18R_324KBxxx-MQ	5962-06B0206QYC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
ATC18R_324KBxxx-SR	5962R06B0202VYC	1M8C40 (GEN)	5962H9687701VXC	ATC18R_4042Hxxx-SR	5962R06B0203VTB
ATC18R_324KBxxx-SR	5962R06B0206VYC	1M8T40 (GEN)	5962H9687702QXC	ATC18R_4042Hxxx-SR	5962R06B0207VTB
ATC18R_324KBxxx-SV	5962-06B0202VYC	1M8T40 (GEN)	5962H9687702VXC	ATC18R_4042Hxxx-SV	5962-06B0203VTB
ATC18R_324KBxxx-SV	5962-06B0206VYC	HS0-1840AEH-Q	5962F9563004V9A	ATC18R_4042Hxxx-SV	5962-06B0207VTB
ATC18R_324YFxxx-MQ	5962-06B0202QUC	HS0-1840ARH-Q	5962F9563002V9A	ATC18R_4042Kxxx-MQ	5962-06B0203Q5C
ATC18R_324YFxxx-MQ	5962-06B0206QUC	HS0-1840BEH-Q	5962F9563005V9A	ATC18R_4042Kxxx-MQ	5962-06B0207Q5C
ATC18R_324YFxxx-SR	5962R06B0202VUC	HS0-1840BRH-Q	5962F9563003V9A	ATC18R_4042Kxxx-SR	5962R06B0203V5C
ATC18R_324YFxxx-SR	5962R06B0206VUC	HS1-1840AEH-Q	5962F9563004VXC	ATC18R_4042Kxxx-SR	5962R06B0207V5C
ATC18R_324YFxxx-SV	5962-06B0202VUC	HS1-1840ARH-8	5962F9563002QXC	ATC18R_4042Kxxx-SV	5962-06B0203V5C
ATC18R_324YFxxx-SV	5962-06B0206VUC	HS1-1840ARH-Q	5962F9563002VXC	ATC18R_4042Kxxx-SV	5962-06B0207V5C
ATC18R_3242Hxxx-MQ	5962-06B0202QTB	HS1-1840ARH-T	5962R9563002TXC	ATC18R_4042Uxxx-MQ	5962-06B0203QNC
ATC18R_3242Hxxx-MQ	5962-06B0206QTB	HS1-1840BEH-Q	5962F9563005VXC	ATC18R_4042Uxxx-MQ	5962-06B0207QNC
ATC18R_3242Hxxx-SR	5962R06B0202VTB	HS1-1840BRH-8	5962F9563003QXC	ATC18R_4042Uxxx-SR	5962R06B0203VNC
ATC18R_3242Hxxx-SR	5962R06B0206VTB	HS1-1840BRH-Q	5962F9563003VXC	ATC18R_4042Uxxx-SR	5962R06B0207VNC
ATC18R_3242Hxxx-SV	5962-06B0202VTB	HS1-1840RH (GEN)	5962D8753801XA	ATC18R_4042Uxxx-SV	5962-06B0203VNC
ATC18R_3242Hxxx-SV	5962-06B0206VTB	HS9-1840AEH-Q	5962F9563004VYC	ATC18R_4042Uxxx-SV	5962-06B0207VNC
ATC18R_3242Uxxx-MQ	5962-06B0202QNC	HS9-1840ARH-8	5962F9563002QYC	ATC18R_4042Vxxx-MQ	5962-06B0203Q4C
ATC18R_3242Uxxx-MQ	5962-06B0206QNC	HS9-1840ARH-Q	5962F9563002VYC	ATC18R_4042Vxxx-MQ	5962-06B0207Q4C
ATC18R_3242Uxxx-SR	5962R06B0202VNC	HS9-1840BEH-Q	5962F9563005VYC	ATC18R_4042Vxxx-SR	5962R06B0203V4C
ATC18R_3242Uxxx-SR	5962R06B0206VNC	HS9-1840BRH-8	5962F9563003QYC	ATC18R_4042Vxxx-SR	5962R06B0207V4C
ATC18R_3242Uxxx-SV	5962-06B0202VNC	HS9-1840BRH-Q	5962F9563003VYC	ATC18R_4042Vxxx-SV	5962-06B0203V4C
ATC18R_3242Uxxx-SV	5962-06B0206VNC	HS9-1840RH (GEN)	5962D8753801YA	ATC18R_4042Vxxx-SV	5962-06B0207V4C
UC1833 (GEN)	5962-9326502M2A	HS9G-1840ARH-Q	5962F9563002VZC	ATC18R_4042Wxxx-MQ	5962-06B0203Q6C
UC1833 (GEN)	5962-9326502MPA	OM1840 (GEN)	5962R8952101YA	ATC18R_4042Wxxx-MQ	5962-06B0207Q6C
1M8C3V30 (GEN)	5962H9861501QXC	UC1840J/883	5962-8992001VA	ATC18R_4042Wxxx-SR	5962R06B0203V6C
1M8C3V30 (GEN)	5962H9861501VXC	UC1840L/883	5962-89920012A	ATC18R_4042Wxxx-SR	5962R06B0207V6C
1M8C3V35 (GEN)	5962H9861502QXC	ATC18R_404BGxxx-MQ	5962-06B0203Q7C	ATC18R_4042Wxxx-SV	5962-06B0203V6C
1M8C3V35 (GEN)	5962H9861502VXC	ATC18R_404BGxxx-MQ	5962-06B0207Q7C	ATC18R_4042Wxxx-SV	5962-06B0207V6C
UC1834J/883B	5962-8774201EA	ATC18R_404BGxxx-SR	5962R06B0203V7C	UC1841 (GEN)	5962-89920022A
UC1834JQMLV	5962-8774201VEA	ATC18R_404BGxxx-SR	5962R06B0207V7C	UC1841 (GEN)	5962-8992002VA
UC1834L/883B	5962-87742012A	ATC18R_404BGxxx-SV	5962-06B0203V7C	1842 (GEN)	5962-8670401EA
UC1834LQMLV	5962-8774201V2A	ATC18R_404BGxxx-SV	5962-06B0207V7C	1842 (GEN)	5962-8670401FA
UC1835 (GEN)	5962-90650012A	ATC18R_404Kxxx-MQ	5962-06B0203QZC	1842 (GEN)	5962-8670401V2A
UC1835 (GEN)	5962-9065001PA	ATC18R_404Kxxx-MQ	5962-06B0207QZC	1842 (GEN)	5962-8670401VXA
UC1836J/883BC	5962-9065002PA	ATC18R_404Kxxx-SR	5962R06B0203VZC	1842A (GEN)	5962-8670405V2A
UC1836L/883BC	5962-90650022A	ATC18R_404Kxxx-SR	5962R06B0207VZC	1842A (GEN)	5962-8670405VXA
SCAN18373T/MXA	5962-9311801MXA	ATC18R_404Kxxx-SV	5962-06B0203VZC	SG1842F/883B	5962-8670401HA
SCAN18374T/MXA	5962-9320701MXA	ATC18R_404Kxxx-SV	5962-06B0207VZC	SG1842J/883B	5962-8670401CA
UC1838A (GEN)	5962-89899012A	ATC18R_404YFxxx-MQ	5962-06B0203QUC	SG1842L/883B	5962-86704012A
UC1838A (GEN)	5962-8989901EA	ATC18R_404YFxxx-MQ	5962-06B0207QUC	SG1842Y/883B	5962-8670401PA
1HK84 (GEN)	5962H92A0101QY	ATC18R_404YFxxx-SR	5962R06B0203VUC	UC1842AJ883B	5962-8670405PA
MSK 184G	5962-9215202GXC	ATC18R_404YFxxx-SR	5962R06B0207VUC	UC1842AJQMLV	5962-8670405VPA
MSK 184G (GEN)	5962-9215202GXA	ATC18R_404YFxxx-SV	5962-06B0203VUC	UC1842AL883B	5962-8670405XA
PAL18L4 (GEN)	5962-86804013A	ATC18R_404YFxxx-SV	5962-06B0207VUC	UC1842AW883B	5962-8670405DA
PAL18L4 (GEN)	5962-8680401KA	ATC18R_4042Gxxx-MQ	5962-06B0203QMB	UC1842J883B	5962-8670401PA
PAL18L4 (GEN)	5962-8680401LA	ATC18R_4042Gxxx-MQ	5962-06B0207QMB	UC1842JQMLV	5962-8670401VPA
1840 (GEN)	5962R9563001QXC	ATC18R_4042Gxxx-SR	5962R06B0203VM	UC1842L883B	5962-8670401XA
1840 (GEN)	5962R9563001QYC	ATC18R_4042Gxxx-SR	5962R06B0207VM	UC1842W883B	5962-8670401DA
1840 (GEN)	5962R9563001VXC	ATC18R_4042Gxxx-SV	5962-06B0203VMB	1843 (GEN)	5962-8670402EA
1840 (GEN)	5962R9563001VYC	ATC18R_4042Gxxx-SV	5962-06B0207VMB	1843 (GEN)	5962-8670402FA
1840A (GEN)	5962R9563002TYC	ATC18R_4042Hxxx-MQ	5962-06B0203QTB	1843 (GEN)	5962-8670402V2A
1M8C40 (GEN)	5962H9687701QXC	ATC18R_4042Hxxx-MQ	5962-06B0207QTB	1843A (GEN)	5962-8670406V2A



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SG1843F/883B	5962-8670402HA	SG1845Y/883B	5962-8670404PA	ATC18R_5042Hxxx-MQ	5962-06B0204QTB
SG1843J/883B	5962-8670402CA	U18GM (GEN)	5962-9452301MXA	ATC18R_5042Hxxx-MQ	5962-06B0208QTB
SG1843L/883B	5962-86704022A	UC1845AHKU-SP	5962P8670411VYC	ATC18R_5042Hxxx-SR	5962R06B0204VTB
SG1843Y/883B	5962-8670402PA	UC1845AJ883B	5962-8670408PA	ATC18R_5042Hxxx-SR	5962R06B0208VTB
UC1843AHKU-SP	5962P8670409VYA	UC1845AJG-SP	5962P8670411VPA	ATC18R_5042Hxxx-SV	5962-06B0204VTB
UC1843AJ883B	5962-8670406PA	UC1845AJQMLV	5962-8670408VPA	ATC18R_5042Hxxx-SV	5962-06B0208VTB
UC1843AJG-SP	5962-8670409VPA	UC1845AL883B	5962-8670408XA	ATC18R_5042Kxxx-MQ	5962-06B0204Q5C
UC1843AJG-SP	5962P8670409VPA	UC1845ALQMLV	5962-8670408VXA	ATC18R_5042Kxxx-MQ	5962-06B0208Q5C
UC1843AJQMLV	5962-8670406VPA	UC1845AW883B	5962-8670408DA	ATC18R_5042Kxxx-SR	5962R06B0204V5C
UC1843AL883B	5962-8670406XA	UC1845J883B	5962-8670404PA	ATC18R_5042Kxxx-SR	5962R06B0208V5C
UC1843ALQMLV	5962-8670406VXA	UC1845JQMLV	5962-8670404VPA	ATC18R_5042Kxxx-SV	5962-06B0204V5C
UC1843AW883B	5962-8670406DA	UC1845L883B	5962-8670404XA	ATC18R_5042Kxxx-SV	5962-06B0208V5C
UC1843J883B	5962-8670402PA	UC1845LQMLV	5962-8670404VXA	ATC18R_5042Uxxx-MQ	5962-06B0204QNC
UC1843JG-SP	5962-8670410VPA	UC1845W883B	5962-8670404DA	ATC18R_5042Uxxx-MQ	5962-06B0208QNC
UC1843JQMLV	5962-8670402VPA	SG1846F/883B	5962-8680601FA	ATC18R_5042Uxxx-SR	5962R06B0204VNC
UC1843KGD-SP	5962-8670410V9A	SG1846J/883B	5962-8680601EA	ATC18R_5042Uxxx-SR	5962R06B0208VNC
UC1843L883B	5962-8670402XA	SG1846L/883B	5962-86806012A	ATC18R_5042Uxxx-SV	5962-06B0204VNC
UC1843LQMLV	5962-8670402VXA	UC1846FK-SP	5962-8680603V2A	ATC18R_5042Uxxx-SV	5962-06B0208VNC
UC1843W883B	5962-8670402DA	UC1846J/883B	5962-8680601EA	ATC18R_5042Vxxx-MQ	5962-06B0204Q4C
1844 (GEN)	5962-8670403VPA	UC1846JQMLV	5962-8680601VEA	ATC18R_5042Vxxx-MQ	5962-06B0208Q4C
1844 (GEN)	5962-8670403EA	UC1846J-RHA	5962P8680603VEA	ATC18R_5042Vxxx-SR	5962R06B0204V4C
1844 (GEN)	5962-8670403FA	UC1846J-SP	5962-8680603VEA	ATC18R_5042Vxxx-SR	5962R06B0208V4C
1844 (GEN)	5962-8670403V2A	UC1846KGD-SP	5962-8680603V9A	ATC18R_5042Vxxx-SV	5962-06B0204V4C
1844A (GEN)	5962-8670407V2A	UC1846L/883B	5962-86806012A	ATC18R_5042Vxxx-SV	5962-06B0208V4C
1844A (GEN)	5962-8670407VXA	UC1846LQMLV	5962-8680601V2A	ATC18R_5042Wxxx-MQ	5962-06B0204Q6C
SG1844F/883B	5962-8670403HA	UC1846W-RHA	5962P8680603VFA	ATC18R_5042Wxxx-MQ	5962-06B0208Q6C
SG1844J/883B	5962-8670403CA	UC1846W-SP	5962-8680603VFA	ATC18R_5042Wxxx-SR	5962R06B0204V6C
SG1844L/883B	5962-86704032A	1847 (GEN)	5962-8680602FA	ATC18R_5042Wxxx-SR	5962R06B0208V6C
SG1844Y/883B	5962-8670403PA	UC1847 (GEN)	5962-86806022A	ATC18R_5042Wxxx-SV	5962-06B0204V6C
UC1844AJ883B	5962-8670407PA	UC1847 (GEN)	5962-8680602EA	ATC18R_5042Wxxx-SV	5962-06B0208V6C
UC1844AJQMLV	5962-8670407VPA	LM185B (GEN)	5962-9091401M2A	UC1851 (GEN)	5962-9558601MVA
UC1844AL883B	5962-8670407XA	LM185B (GEN)	5962-9091401MXA	UC1851L/883BC	5962-9558601M2A
UC1844AW883B	5962-8670407DA	LM185BWG/883	5962-9091402QYA	LM185 (GEN)	5962-87594012A
UC1844J883B	5962-8670403PA	OM1850 (GEN)	5962-8864601TA	LM185-1.2 (GEN)	5962-8759401VXA
UC1844L883B	5962-8670403XA	ATC18R_504KAxxx-MQ	5962-06B0204QZC	LM185-1.2 (GEN)	5962-8759401VYA
UC1844LQMLV	5962-8670403VXA	ATC18R_504KAxxx-MQ	5962-06B0208QZC	LM185BX1.2 (GEN)	5962-8759403XA
UC1844W883B	5962-8670403DA	ATC18R_504KAxxx-SR	5962R06B0204VZC	LM185BYH1.2/883	5962-8759405XA
1845 (GEN)	5962-8670404EA	ATC18R_504KAxxx-SR	5962R06B0208VZC	LM185H-1.2/883	5962-8759401XA
1845 (GEN)	5962-8670404FA	ATC18R_504KAxxx-SV	5962-06B0204VZC	LM185H-1.2RLQV	5962R8759461VXA
1845 (GEN)	5962-8670404V2A	ATC18R_504KAxxx-SV	5962-06B0208VZC	LM185WG-1.2/883	5962-8759401YA
1845A (GEN)	5962-8670408V2A	ATC18R_504YFxxx-MQ	5962-06B0204QUC	LM185WG-1.2RLQV	5962R8759461VYA
IS0-1845ASEH-Q	5962F0150902V9A	ATC18R_504YFxxx-MQ	5962-06B0208QUC	UC1852 (GEN)	5962-9763001QPA
IS0-1845ASRH-Q	5962F0150901V9A	ATC18R_504YFxxx-SR	5962R06B0204VUC	LM185 (GEN)	5962-8759402VYA
IS7-1845ASEH-Q	5962F0150902VPC	ATC18R_504YFxxx-SR	5962R06B0208VUC	LM185-2.5 (GEN)	5962-87594022A
IS7-1845ASRH-8	5962F0150901QPC	ATC18R_504YFxxx-SV	5962-06B0204VUC	LM185BX2.5 (GEN)	5962-8759404XA
IS7-1845ASRH-Q	5962F0150901VPC	ATC18R_504YFxxx-SV	5962-06B0208VUC	LM185BYH2.5 (GEN)	5962-8759406XA
IS9-1845ASEH-Q	5962F0150902VXC	ATC18R_5042Gxxx-MQ	5962-06B0204QMB	LM185BYH2.5-QV	5962-8759406VXA
IS9-1845ASRH-8	5962F0150901QXC	ATC18R_5042Gxxx-MQ	5962-06B0208QMB	LM185H-2.5/883	5962-8759402XA
IS9-1845ASRH-Q	5962F0150901VXC	ATC18R_5042Gxxx-SR	5962R06B0204VM	LM185WG-2.5/883	5962-8759402YA
SG1845F/883B	5962-8670404HA	ATC18R_5042Gxxx-SR	5962R06B0208VM	1853 (GEN)	7901901EA
SG1845J/883B	5962-8670404CA	ATC18R_5042Gxxx-SV	5962-06B0204VMB	1854 (GEN)	7901701QA
SG1845L/883B	5962-86704042A	ATC18R_5042Gxxx-SV	5962-06B0208VMB	UC1854 (GEN)	5962-9326101M2A



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
UC1854A (GEN)	5962-9326103M2A	PAL18P8A (GEN)	5962-87528012A	MSK-1903B-0 (GEN)	5962-9324301HXA
UC1854A (GEN)	5962-9326103MEA	PAL18P8A (GEN)	5962-8752801RA	MSK-1903B-2 (GEN)	5962-9324302HXA
UC1854B (GEN)	5962-9326102M2A	PAL18P8A (GEN)	5962-8752801SA	7905A (GEN)	5962-8874601MA
UC1854BJ883BC	5962-9326102MEA	PAL18P8AL (GEN)	5962-87528032A	19066-001 (GEN)	5962-04A0301NXB
UC1854J883BC	5962-9326101MEA	PAL18P8AL (GEN)	5962-8752803RA	UC1907 (GEN)	5962-9320601M2A
SCAN18540T/MXA	5962-9312701MXA	PAL18P8AL (GEN)	5962-8752803SA	UC1907 (GEN)	5962-9320601MEA
SCAN18541T/MXA	5962-9311601MXA	PAL18P8B (GEN)	5962-87528022A	HCTS191 (GEN)	5962R9575601V9A
ATC18R_544YFxxx-MQ	5962-06B0209QUC	PAL18P8B (GEN)	5962-8752802RA	HCTS191 (GEN)	5962R9575601VEC
ATC18R_544YFxxx-MQ	5962-06B0210QUC	PAL18P8B (GEN)	5962-8752802SA	HCTS191 (GEN)	5962R9575601VXC
ATC18R_544YFxxx-SR	5962R06B0209VUC	PAL18P8L (GEN)	5962-87528042A	1912 (GEN)	5962-88747014A
ATC18R_544YFxxx-SR	5962R06B0210VUC	PAL18P8L (GEN)	5962-8752804RA	1912 (GEN)	5962-88747015A
ATC18R_544YFxxx-SV	5962-06B0209VUC	PAL18P8L (GEN)	5962-8752804SA	1912 (GEN)	5962-8874701MA
ATC18R_544YFxxx-SV	5962-06B0210VUC	PAL18P8Q (GEN)	5962-87528052A	1912 (GEN)	5962-8874701NA
ATC18R_5442Kxxx-MQ	5962-06B0209Q5C	PAL18P8Q (GEN)	5962-8752805RA	7915A (GEN)	5962-88748014A
ATC18R_5442Kxxx-MQ	5962-06B0210Q5C	PAL18P8Q (GEN)	5962-8752805SA	7915A (GEN)	5962-88748015A
ATC18R_5442Kxxx-SR	5962R06B0209V5C	GEM18802Q2A	85126022A	7915A (GEN)	5962-8874801MA
ATC18R_5442Kxxx-SR	5962R06B0210V5C	GEM18802Q2C	85126022C	7915A (GEN)	5962-8874801NA
ATC18R_5442Kxxx-SV	5962-06B0209V5C	GEM18802QBA	8512602BA	19176-001 (GEN)	5962-05A0101NXB
ATC18R_5442Kxxx-SV	5962-06B0210V5C	GEM18802QBC	8512602BC	RDC-19220-113	5962-0325101HXC
ATC18R_5442Vxxx-MQ	5962-06B0209Q4C	GEM18802QCA	8512602CA	RDC-19220S-113	5962-0325103HXC
ATC18R_5442Vxxx-MQ	5962-06B0210Q4C	GEM18802QCC	8512602CC	RDC-19220-143	5962-0325101HXA
ATC18R_5442Vxxx-SR	5962R06B0209V4C	GEM18802QDA	8512602DA	RDC-19220S-143	5962-0325103HXA
ATC18R_5442Vxxx-SR	5962R06B0210V4C	GEM18802QDC	8512602DC	RDC-19222-113	5962-0325102HYC
ATC18R_5442Vxxx-SV	5962-06B0209V4C	PLDC18G8-15 (GEN)	5962-9156802MRA	RDC-19222S-113	5962-0325104HYC
ATC18R_5442Vxxx-SV	5962-06B0210V4C	PLDC18G8-15 (GEN)	5962-9156802MSA	RDC-19222-143	5962-0325102HYA
ATC18R_5442Wxxx-MQ	5962-06B0209Q6C	PLDC18G8-15 (GEN)	5962-9156802MXA	RDC-19222S-143	5962-0325104HYA
ATC18R_5442Wxxx-MQ	5962-06B0210Q6C	PLDC18G8-20 (GEN)	5962-9156801MRA	HCS193 (GEN)	5962R9578801V9A
ATC18R_5442Wxxx-SR	5962R06B0209V6C	PLDC18G8-20 (GEN)	5962-9156801MSA	HCS193 (GEN)	5962R9578801VEC
ATC18R_5442Wxxx-SR	5962R06B0210V6C	PLDC18G8-20 (GEN)	5962-9156801MXA	HCS193 (GEN)	5962R9578801VXC
ATC18R_5442Wxxx-SV	5962-06B0209V6C	DG189A (GEN)	5962-9068901MEA	HCTS193 (GEN)	5962R9575701V9A
ATC18R_5442Wxxx-SV	5962-06B0210V6C	GEM18902Q3A	5962-88516023A	HCTS193 (GEN)	5962R9575701VEC
UC1856HKT-SP	5962-9453001VXC	GEM18902Q3C	5962-88516023C	HCTS193KMSR	5962R9575701VXC
UC1856J883B	5962-9453001MEA	GEM18902QKA	5962-8851602KA	LM193 (GEN)	5962-9452601M2A
UC1856J-SP	5962-9453001VEA	GEM18902QKC	5962-8851602KC	LM193 MDE	5962R9452603V9A
UC1856L20883B	5962-9453001M2A	GEM18902QLA	5962-8851602LA	LM193 MDR	5962R9452602V9A
OM1860 (GEN)	5962-8998101TA	GEM18902QLC	5962-8851602LC	LM193A (GEN)	5962-9452602VGA
UC1863 (GEN)	5962-9203103VEA	HCS190 (GEN)	5962R9580801V9A	LM193AH/883	5962-9452602MGA
UC1863J/883B	5962-9203103QEA	HCS190 (GEN)	5962R9580801VEC	LM193AHRQLMLV	5962R9452603VGA
UC1863L/883B	5962-9203103Q2A	HCS190 (GEN)	5962R9580801VXC	LM193AHRQMLV	5962R9452602VGA
UC1863LQMLV	5962-9203103V2A	HCTS190 (GEN)	5962R9577101V9A	LM193AJ/883	5962-9452602MPA
UC1864 (GEN)	5962-9203101M2A	HCTS190 (GEN)	5962R9577101VEC	LM193AJ-QMLV	5962-9452602VPA
UC1864 (GEN)	5962-9203101MEA	HCTS190 (GEN)	5962R9577101VXC	LM193AJRLQMLV	5962R9452603VPA
UC1865 (GEN)	5962-9203102MEA	MSK1901B	5962-9324601HXC	LM193AJRQMLV	5962R9452602VPA
UC1871 (GEN)	5962-9462201M2A	UC1901J/883B	5962-8944101CA	LM193FKB	5962-9452601Q2A
UC1871 (GEN)	5962-9462201MVA	UC1901JQMLV	5962-8944101VCA	LM193JGB	5962-9452601QPA
UC1875 (GEN)	5962-9455501MXA	UC1901L/883B	5962-89441012A	TLC193MDQ	5962-9555101NXD
UC1875 (GEN)	5962-9455501V3A	MSK-1902B-0 (GEN)	5962-8997201HXA	TLC193MJB	5962-9555101QPA
UC1875J/883BC	5962-9455501MRA	MSK-1902B-0 (GEN)	5962-8997201HXC	GEM19303QKA	5962-8860503QKA
UC1875JQMLV	5962-9455501VRA	MSK-1902B-2 (GEN)	5962-8997202HXA	GEM19303QKC	5962-8860503QKC
UC1875J-SP	5962-9455502VRA	MSK-1902B-2 (GEN)	5962-8997202HXC	GEM19303QLA	5962-8860503QLA
UC1875L/883BC	5962-9455501M3A	UC1903J/883B	5962-8869701VA	GEM19303QLC	5962-8860503QLC
UC1875W-SP	5962-9455502VKA	UC1903L/883B	5962-88697012A	HCPL-1931	5962-8957201EC

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
HCPL-1931#100	5962-8957201YA	LM199 (GEN)	5962-8856102XA	RTAX2000S (GEN)	5962-0422101QZA
HCPL-1931#100	5962-8957201YC	LM199A (GEN)	5962-8856101XA	RTAX2000S (GEN)	5962-0422103QZA
HCPL-1931#200	5962-8957201EA	CT1990-1-20-001-1	5962-9477501HXC	RTAX2000S-CG1152B	5962-0422101QTA
HCPL-1931#300	5962-8957201XA	CT1990-1-20-001-2	5962-9477501HXA	RTAX2000S-CG1152E	5962-0422103QTA
HCPL-193K	5962-8957202KEC	LM199A-20 (GEN)	5962-8856103XA	RTAX2000S-CG1152V	5962-0422101VTA
HCPL-193K#100	5962-8957202KYA	DAC-HKB-2/883	5962-8952802XA	RTAX2000S-CGS624B	5962-0422101QNA
HCPL-193K#100	5962-8957202KYC	DAC-HKB-2/883	5962-8952802XC	RTAX2000S-CGS624E	5962-0422103QNA
HCPL-193K#200	5962-8957202KEA	MG2RTPL (GEN)	5962-03B0101QXC	RTAX2000S-CGS624V	5962-0422101VNA
HCPL-193K#300	5962-8957202KXA	MG2RTPL (GEN)	5962-03B0102QXC	RTAX2000S-CQ256B	5962-0422101QUC
LM194 (GEN)	5962-8777701XA	ACS20 (GEN)	5962F9565301VCC	RTAX2000S-CQ256E	5962-0422103QUC
GEM19401Q3A	5962-88516013A	ACS20 (GEN)	5962F9565301VXC	RTAX2000S-CQ256V	5962-0422101VUC
GEM19401Q3C	5962-88516013C	ACTS20 (GEN)	5962F9565901VCC	RTAX2000S-CQ352B	5962-0422101QXC
GEM19401QKA	5962-8851601KA	ACTS20 (GEN)	5962F9565901VXC	RTAX2000S-CQ352E	5962-0422103QXC
GEM19401QKC	5962-8851601KC	HCS20 (GEN)	5962R9577801V9A	RTAX2000S-CQ352V	5962-0422101VXC
GEM19401QLA	5962-8851601LA	HCS20 (GEN)	5962R9577801VCC	RTAX2000SL-CG1152B	5962-0422105QTA
GEM19401QLC	5962-8851601LC	HCS20 (GEN)	5962R9577801VXC	RTAX2000SL-CG1152E	5962-0422107QTA
UC19432-SP	5962-0923301VPA	HCTS20DMSR	5962R9573301VCC	RTAX2000SL-CG1152V	5962-0422105VTA
19472-001	5962-05A0301NXB	HCTS20HMSR	5962R9573301V9A	RTAX2000SL-CGS624B	5962-0422105QNA
HCS195 (GEN)	5962R9578901V9A	HCTS20KMSR	5962R9573301VXC	RTAX2000SL-CGS624E	5962-0422107QNA
HCS195 (GEN)	5962R9578901VEC	CLC200A (GEN)	5962-8991001XA	RTAX2000SL-CGS624V	5962-0422105VNA
HCS195 (GEN)	5962R9578901VXC	DG200A (GEN)	5962-9562901QCA	RTAX2000SL-CQ256B	5962-0422105QUC
LM195 (GEN)	5962-8777801YA	DG200A (GEN)	5962-9562901QIA	RTAX2000SL-CQ256E	5962-0422107QUC
LM195H/883	5962-8777801XA	OP200A (GEN)	5962-88593012A	RTAX2000SL-CQ256V	5962-0422105VUC
GEM19501Q2A	5962-87534012A	OP200A (GEN)	5962-8859301PA	RTAX2000SL-CQ352B	5962-0422105QXC
GEM19501Q2C	5962-87534012C	OP200ARC/883	5962-8859301M2A	RTAX2000SL-CQ352E	5962-0422107QXC
GEM19501QEA	5962-8753401EA	OP200AZ/883	5962-8859301MPA	RTAX2000SL-CQ352V	5962-0422105VXC
GEM19501QEC	5962-8753401EC	OP200AZ/QMLV	5962-8859301V2A	RTAX2000S-LG1152B	5962-0422101QMC
GEM19501QFA	5962-8753401FA	OP200AZ/QMLV	5962-8859301VPA	RTAX2000S-LG1152E	5962-0422103QMC
GEM19501QFC	5962-8753401FC	RHF200K01V	5962F1721001VXC	RTAX2000S-LG1152V	5962-0422101VMC
19523-001 (GEN)	5962-05A0601NXB	RHF200K02V	5962F1721001VXA	RTAX2000S-LG624B	5962-0422101QYC
MSK 196HRH	5962R1322201HXC	UT200 (GEN)	5962R96B0216Q*C	RTAX2000S-LG624E	5962-0422103QYC
MSK 196HRHG	5962R1322201HYC	UT200 (GEN)	5962R96B0216V*C	RTAX2000S-LG624V	5962-0422101VYC
MSK 196KRH	5962R1322201KXC	UT200SPW4RTR	5962R0824401QXC	RTAX2000SL-LG1152B	5962-0422105QMC
MSK 196KRHG	5962R1322201KYC	UT200SPW4RTR	5962R0824401QYA	RTAX2000SL-LG1152E	5962-0422107QMC
19714-001 (GEN)	5962-06A0201NXB	UT200SPW4RTR	5962R0824401VXC	RTAX2000SL-LG1152V	5962-0422105VMC
197A805-21	5962R9096506VTC	UT200SPW4RTR	5962R0824401VYA	RTAX2000SL-LG624B	5962-0422105QYC
197A805-24	5962R9096507QTC	UT200SPW4RTRQDIE	5962R0824401Q9A	RTAX2000SL-LG624E	5962-0422107QYC
197A805-25	5962R9096506QTC	UT200SPW4RTRVDIE	5962R0824401V9A	RTAX2000SL-LG624V	5962-0422105VYC
197A805-31	5962R9096508VNC	UT200SpWXCA	5962R0623201QXA	RTAX2000D-1CQ352B	5962-0422110QXC
197A805-34	5962R9096509QNC	UT200SpWXCA	5962R0623201VXA	RTAX2000D-1CQ352E	5962-0422112QXC
197A805-35	5962R9096508QNC	UT200SpWXCC	5962R0623201QXC	RTAX2000D-1CQ352V	5962-0422110VXC
197A806-34	5962R9215607QYC	UT200SpWXCC	5962R0623201VXC	RTAX2000DL-1CQ352B	5962-0422114QXC
197A806-35	5962R9215606QYC	UT200SpWXWA	5962R0623202QXA	RTAX2000DL-1CQ352E	5962-0422116QXC
LF198 (GEN)	5962-8760801QZA	UT200SpWXWA	5962R0623202VXA	RTAX2000DL-1CQ352V	5962-0422114VXC
LF198H/883	5962-8760801GA	UT200SpWXWC	5962R0623202QXC	RTAX2000S-1 (GEN)	5962-0422102QZA
LF198WG-QMLV	5962-8760801VZA	UT200SpWXWC	5962R0623202VXC	RTAX2000S-1 (GEN)	5962-0422104QZA
GEM19804Q2A	78015042A	RTAX2000D-CQ352B	5962-0422109QXC	RTAX2000S-1CG1152B	5962-0422102QTA
GEM19804Q2C	78015042C	RTAX2000D-CQ352E	5962-0422111QXC	RTAX2000S-1CG1152E	5962-0422104QTA
GEM19804QEA	7801504EA	RTAX2000D-CQ352V	5962-0422109VXC	RTAX2000S-1CG1152V	5962-0422102VTA
GEM19804QEC	7801504EC	RTAX2000DL-CQ352B	5962-0422113QXC	RTAX2000S-1CGS624B	5962-0422102QNA
GEM19804QFA	7801504FA	RTAX2000DL-CQ352E	5962-0422115QXC	RTAX2000S-1CGS624E	5962-0422104QNA
GEM19804QFC	7801504FC	RTAX2000DL-CQ352V	5962-0422113VXC	RTAX2000S-1CGS624V	5962-0422102VNA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
RTAX2000S-1CQ256B	5962-0422102QUC	2004 (GEN)	5962-8771202YA	HR2010 (GEN)	5962H99B0204VXC
RTAX2000S-1CQ256E	5962-0422104QUC	EL2004 (GEN)	5962-8965901XA	HS-RTX2010 (GEN)	5962F9563501V9A
RTAX2000S-1CQ256V	5962-0422102VUC	EL2004 (GEN)	5962-8965901XC	HS-RTX2010 (GEN)	5962F9563501VXC
RTAX2000S-1CQ352B	5962-0422102QXC	EL2004 (GEN)	5962-8965901YA	HS-RTX2010 (GEN)	5962F9563501VYC
RTAX2000S-1CQ352E	5962-0422104QXC	2004-25 (GEN)	5962-8771201XA	HX2010	5962H97B0312Q6C
RTAX2000S-1CQ352V	5962-0422102VXC	2004-25 (GEN)	5962-8771201YA	HX2010	5962H97B0312V7C
RTAX2000S-1LG1152B	5962-0422102QMC	AS2004CW-25	5962-06A0101QXA	HX2010	5962H97B0312V9A
RTAX2000S-1LG1152E	5962-0422104QMC	HDSR2006-34H/2	5962-9464603HXC	PAL20L10A (GEN)	84129053A
RTAX2000S-1LG1152V	5962-0422102VMC	HDSR2006-34S/2	5962-9464604HXC	PAL20L10A (GEN)	8412905KA
RTAX2000S-1LG624B	5962-0422102QYC	HDSR2006-34V/R/2	5962-9464602HXC	PAL20L10A (GEN)	8412905LA
RTAX2000S-1LG624E	5962-0422104QYC	HDSR2006-34V/S/2	5962-9464601HXC	PAL20L10A (GEN)	8412905XA
RTAX2000S-1LG624V	5962-0422102VYC	LMA2009-55 (GEN)	5962-9099604MYA	PAL20RA10 (GEN)	5962-86803013A
RTAX2000SL-1CG1152	5962-0422106QTA	LMA2009-65 (GEN)	5962-9099603MYA	PAL20RA10 (GEN)	5962-8680301KA
RTAX2000SL-1CG1152	5962-0422108QTA	LMA2009-95 (GEN)	5962-9099602MYA	PAL20RA10 (GEN)	5962-8680301LA
RTAX2000SL-1CG1152	5962-0422106VTA	TMC2009 (GEN)	5962-9099601MXA	PAL20X10A (GEN)	84129073A
RTAX2000SL-1CGS624	5962-0422106QNA	TMC2009 (GEN)	5962-9099601MYA	PAL20X10A (GEN)	8412907KA
RTAX2000SL-1CGS624	5962-0422108QNA	TMC2009 (GEN)	5962-9099601MZA	PAL20X10A (GEN)	8412907LA
RTAX2000SL-1CGS624	5962-0422106VNA	ADG201HST (GEN)	5962-86716032A	PAL20X10A (GEN)	8412907XA
RTAX2000SL-1CQ256B	5962-0422106QUC	ADG201HST (GEN)	5962-8671603EA	PLDC20RA10-20DMB	5962-9055503LA
RTAX2000SL-1CQ256E	5962-0422108QUC	ADG201HST (GEN)	5962-8671603VEA	PLDC20RA10-20KMB	5962-9055503KA
RTAX2000SL-1CQ256V	5962-0422106VUC	CLC201A (GEN)	5962-9083301HXA	PLDC20RA10-20LMB	5962-90555033A
RTAX2000SL-1CQ352B	5962-0422106QXC	DG201A (GEN)	77053012C	PLDC20RA10-20QMB	5962-9098903M3A
RTAX2000SL-1CQ352E	5962-0422108QXC	DG201A (GEN)	7705301FA	PLDC20RA10-20WMB	5962-9098903MLA
RTAX2000SL-1CQ352V	5962-0422106VXC	DG201A (GEN)	7705301XC	PLDC20RA10-25DMB	5962-9055502LA
RTAX2000SL-1LG1152	5962-0422106QMC	DG201AAK/883B	7705301EA	PLDC20RA10-25KMB	5962-9055502KA
RTAX2000SL-1LG1152	5962-0422108QMC	HI1-201/883B	7705302EA	PLDC20RA10-25LMB	5962-90555023A
RTAX2000SL-1LG1152	5962-0422106VMC	HI1-201HS/883	5962-8671601EA	PLDC20RA10-25QMB	5962-9098902M3A
RTAX2000SL-1LG624B	5962-0422106QYC	HI4-201/883B	77053022C	PLDC20RA10-25WMB	5962-9098902MLA
RTAX2000SL-1LG624E	5962-0422108QYC	HI4-201HS/883	5962-86716012A	PLDC20G10-30DMB	5962-8863702LA
RTAX2000SL-1LG624V	5962-0422106VYC	HS0-201HSEH-Q	5962F9961802V9A	PLDC20G10-30KMB	5962-8863702KA
20004-001 (GEN)	5962-00A1702NXB	HS0-201HSRH-Q	5962F9961801V9A	PLDC20G10-30LMB	5962-88637023A
20004-002	5962-00A1703NXB	HS1-201HSEH-Q	5962F9961802VEC	PLDC20RA10-35DMB	5962-9055501LA
EL2001 (GEN)	5962-9153402M2A	HS1-201HSRH-8	5962F9961801QEC	PLDC20RA10-35KMB	5962-9055501KA
EL2001 (GEN)	5962-9153402MPA	HS1-201HSRH-Q	5962F9961801VEC	PLDC20RA10-35LMB	5962-90555013A
EL2001A (GEN)	5962-9153401M2A	HS1-201HSRH-T	5962R9961801TEC	PLDC20RA10-35QMB	5962-9098901M3A
EL2001A (GEN)	5962-9153401MPA	HS9-201HSEH-Q	5962F9961802VXC	PLDC20RA10-35WMB	5962-9098901MLA
2002	5962-0252201EXA	HS9-201HSRH-8	5962F9961801QXC	PLDC20G10-40DMB	5962-8863701LA
ACS20 (GEN)	5962F9565302V9A	HS9-201HSRH-Q	5962F9961801VXC	PLDC20G10-40KMB	5962-8863701KA
ACS20 (GEN)	5962F9565302VCC	HS9-201HSRH-T	5962R9961801TXC	PLDC20G10-40LMB	5962-88637013A
ACS20 (GEN)	5962F9565302VXC	MG2RTPL_M01	5962-00B0301Q*C	1010-55 (GEN)	5962-8873301YA
ACTS20 (GEN)	5962F9565902V9A	MG2RTPL_M01	5962-00B0301V*C	1010-65 (GEN)	5962-8873302YA
ACTS20 (GEN)	5962F9565902VCC	PAL20C1 (GEN)	5962-86804063A	1010-75 (GEN)	5962-8873303YA
ACTS20 (GEN)	5962F9565902VXC	PAL20C1 (GEN)	5962-8680406KA	HS-RTX2010 (GEN)	5962F9563501QXC
EL2002 (GEN)	5962-90509022A	PAL20C1 (GEN)	5962-8680406LA	HS-RTX2010 (GEN)	5962F9563501QYC
EL2002 (GEN)	5962-9050902PA	2010 (GEN)	5962-87530013A	TMC2011V (GEN)	5962-89446013A
EL2002A (GEN)	5962-90509012A	20RA10 (GEN)	5962-9212101M3A	TMC2011V (GEN)	5962-8944601LA
EL2002A (GEN)	5962-9050901PA	20RA10 (GEN)	5962-9212101MLA	LMP2012MDE	5962L0620602V9A
2003	5962-0254001EXA	20RA10 (GEN)	5962-9212102M3A	LMP2012WGLLQMLV	5962L0620602VZA
EL2003 (GEN)	5962-89623012A	20RA10 (GEN)	5962-9212102MLA	LMP2012WGLQMLV	5962L0620601VZA
EL2003 (GEN)	5962-8962301GA	HR2010	5962H94A0304Q*C	LMP2012WG-QMLV	5962-0620601VZA
EL2003 (GEN)	5962-8962301PA	HR2010	5962H94A0304V*C	EP2015 (GEN)	5962-89775012A
2004 (GEN)	5962-8771202XA	HR2010 (GEN)	5962H99B0204QXC	EP2015 (GEN)	5962-8977501CA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
EP2015A (GEN)	5962-89775022A	TLE2024 (GEN)	5962-9088103BCA	20403-001	5962-09A0501QXC
EP2015A (GEN)	5962-8977502CA	TLE2024AMFKB	5962-9088106Q2A	EL2041 (GEN)	5962-87785022A
EN2016 (GEN)	5962-89776012A	TLE2024AMJB	5962-9088106QCA	EL2041 (GEN)	5962-8778502CA
EN2016 (GEN)	5962-8977601CA	TLE2024BMFKB	5962-9088109Q2A	EL2041 (GEN)	5962-8778502XA
EN2016A (GEN)	5962-89776022A	TLE2024BMJB	5962-9088109QCA	PAL20R4-10 (GEN)	5962-87671183A
EN2016A (GEN)	5962-8977602CA	TLE2024MFKB	5962-9088103M2A	PAL20R4-10 (GEN)	5962-8767118KA
TGC2016 (GEN)	5962-96B0101Q*A	TLE2024MJB	5962-9088103MCA	PAL20R4-10 (GEN)	5962-8767118LA
TGC2016 (GEN)	5962-97B0101Q*A	TLE2027AMFKB	5962-9089603Q2A	PAL20R4-12 (GEN)	5962-8767114LA
EL2018 (GEN)	5962-9175501MGA	TLE2027AMJGB	5962-9089603QPA	PAL20R4-12 (GEN)	5962-87671143A
EL2018 (GEN)	5962-9175501MPA	TLE2027M (GEN)	5962-9089601BPA	20414-002	5962-10A0501QXC
2018-100 (GEN)	5962-8863805XC	TLE2027M (GEN)	5962-9089601MGA	20414-003	5962-10A0502NYB
2018-33 (GEN)	5962-8863802XC	TLE2027MFKB	5962-9089601M2A	PAL20L4-15 (GEN)	5962-87671103A
2018-50 (GEN)	5962-8863803XC	TLE2027MJGB	5962-9089601MPA	PAL20R4-15 (GEN)	5962-8767110LA
2018-70 (GEN)	5962-8863804XC	TLE2037AM (GEN)	5962-9089604QPA	20417-001	5962-09A0201NXB
EL2019 (GEN)	5962-9212801MGA	20283-001	5962-08A0501NXB	PAL20R4A-2 (GEN)	84129123A
EL2019 (GEN)	5962-9212801MPA	20296-001	5962-08A0601QXC	PAL20R4A-2 (GEN)	8412912KA
TGC2019 (GEN)	5962-96B0102Q*A	EL2030 (GEN)	5962-9081801M2A	PAL20R4A-2 (GEN)	8412912LA
TGC2019 (GEN)	5962-97B0102Q*A	EL2030 (GEN)	5962-9081801MCA	PAL20R4-20 (GEN)	5962-8767104KA
MG2RTPL_MB02	5962-00B0302Q*C	TGC2030 (GEN)	5962-96B0103Q*A	PAL20R4-20 (GEN)	8412904KA
MG2RTPL_MB02	5962-00B0302V*C	TGC2030 (GEN)	5962-97B0103Q*A	PAL20R4-20 (GEN)	8412904XA
PAL20L2 (GEN)	5962-86804053A	EL2033 (GEN)	5962-8962302PA	TIBPAL20R4-20MFDB	5962-87671043A
PAL20L2 (GEN)	5962-8680405KA	TGC2036 (GEN)	5962-96B0104Q*A	TIBPAL20R4-20MJTB	5962-8767104LA
PAL20L2 (GEN)	5962-8680405LA	TGC2036 (GEN)	5962-97B0104Q*A	TIBPAL20R4-20MJTB	8412904LA
TLE2021 (GEN)	5962-9088101MGA	TLE2037M (GEN)	5962-9089602M2A	MG2044	5962-00B0209Q*C
TLE2021AMFKB	5962-9088104Q2A	TLE2037M (GEN)	5962-9089602MGA	MG2044E	5962-00B0201Q*C
TLE2021AMJGB	5962-9088104QPA	TLE2037M (GEN)	5962-9089602MPA	MG2044E	5962-00B0201V*C
TLE2021BMFKB	5962-9088107Q2A	EL2038 (GEN)	5962-9153501M2A	MG2044E (GEN)	5962-02B0101QXC
TLE2021BMJGB	5962-9088107QPA	EL2038 (GEN)	5962-9153501MCA	MG2044E (GEN)	5962-02B0101VXC
TLE2021MFKB	5962-9088101M2A	EL2039 (GEN)	5962-87787022A	MG2044P	5962-00B0303Q*C
TLE2021MJGB	5962-9088101MPA	EL2039 (GEN)	5962-8778702CA	MG2044P	5962-00B0303V*C
TLE2022 (GEN)	5962-9088102BPA	PAL20R4A (GEN)	84129043A	MG2M044	5962-00B0223Q*C
TLE2022 (GEN)	5962-9088102MGA	PAL20R4A (GEN)	8412904JA	MG2M044E	5962-00B0216Q*C
TLE2022AMFKB	5962-9088105Q2A	PAL20X4A (GEN)	84129083A	MG2M044E	5962-00B0216V*C
TLE2022AMJGB	5962-9088105QPA	PAL20X4A (GEN)	8412908KA	MM0-G2044*MQ	5962-00B0209Q9A
TLE2022BMFKB	5962-9088108Q2A	PAL20X4A (GEN)	8412908LA	MM0-G2044EH*MQ	5962-00B0201Q9A
TLE2022BMJGB	5962-9088108QPA	PAL20X4A (GEN)	8412908XA	MM0-G2044PH*MQ	5962-00B0303Q9A
TLE2022MFKB	5962-9088102M2A	EL-2040 (GEN)	5962-89648022A	MM0-G2M044*MQ	5962-00B0223Q9A
TLE2022MJGB	5962-9088102MPA	EL-2040 (GEN)	5962-8964802CA	MM0-G2M044EH*MQ	5962-00B0216Q9A
SG2023F/883B	5962-8987601FA	HX2040	5962H96B0305QXC	MMKC-G2044PHxxxMQ	5962-03B0103Q5C
SG2023J/883B	5962-8987601EA	HX2040	5962H96B0305VXC	MMKN-MG2044PHxxxM	5962-03B0103QYC
TMC2023V (GEN)	5962-89711013A	HX2040	5962H97B0305Q4C	MMKU-MG2044PHxxxM	5962-03B0103QXC
TMC2023V (GEN)	5962-8971101JA	HX2040	5962H97B0305QU	MMKW-G2044PHxxxM	5962-03B0103QZC
TMC2023V (GEN)	5962-8971101LA	HX2040	5962H97B0305QXC	SM0-G2044EH*SV	5962-00B0201V9A
TMC2023V1 (GEN)	5962-89711023A	HX2040	5962H97B0305QY	SM0-G2044PH*SV	5962-00B0303V9A
TMC2023V1 (GEN)	5962-8971102JA	HX2040	5962H97B0305QZC	SM0-G2M044EH*SV	5962-00B0216V9A
TMC2023V1 (GEN)	5962-8971102LA	HX2040	5962H97B0305V4C	SMF7-G2044PHxxxSR	5962R00B0303VNC
TMC2023V2 (GEN)	5962-89711033A	HX2040	5962H97B0305VUC	SMFW-G2044PHxxxSR	5962R00B0303V4C
TMC2023V2 (GEN)	5962-8971103JA	HX2040	5962H97B0305VXC	SMKC-G2044PHxxxSR	5962R03B0103V5C
TMC2023V2 (GEN)	5962-8971103LA	HX2040	5962H97B0305VYC	SMKC-G2044PHxxxSV	5962-03B0103V5C
TMC2023V3 (GEN)	5962-89711043A	HX2040	5962H97B0305VZC	SMKN-MG2044PHxxxS	5962R03B0103VYC
TMC2023V3 (GEN)	5962-8971104JA	HX2040R	5962H96B0310QXC	SMKN-MG2044PHxxxS	5962-03B0103VYC
TMC2023V3 (GEN)	5962-8971104LA	HX2040R	5962H96B0310VXC	SMKU-MG2044PHxxxS	5962R03B0103VXC



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SMKU-MG2044PHxxxS	5962-03B0103VXC	TLE2062AM (GEN)	5962-9080802QPA	TLE2074MJB	5962-9460203QCA
SMKW-G2044PHxxxSR	5962R03B0103VZC	TLE2062BMJGB	5962-9080803QPA	20762-001	5962-10A0401QXC
SMKW-G2044PHxxxSV	5962-03B0103VZC	TLE2062M (GEN)	5962-9080801M2A	20763-001	5962-10A0201QXC
20456-001	5962-98A2103QXC	TLE2062M (GEN)	5962-9080801MGA	20785-001	5962-11A0101NXB
TGC2046 (GEN)	5962-96B0105Q*A	TLE2062M (GEN)	5962-9080801MHA	PAL20L8A (GEN)	84129013A
TGC2046 (GEN)	5962-97B0105Q*A	TLE2062MJGB	5962-9080801MPA	PAL20L8A (GEN)	8412901JA
20461-001 (GEN)	5962-99A2502QXC	PAL20R6-20 (GEN)	5962-87671033A	PAL20R8A (GEN)	84129023A
20461-003 (GEN)	5962-98A2002QXC	PAL20R6-20 (GEN)	5962-8767103KA	PAL20R8A (GEN)	8412902JA
20461-004 (GEN)	5962-00A0202QXC	PAL20R6-20 (GEN)	5962-8767103LA	PAL20X8A (GEN)	84129063A
20461-005 (GEN)	5962-98A1202QXC	PAL20R6-20 (GEN)	8412903KA	PAL20X8A (GEN)	8412906KA
20461-007 (GEN)	5962-98A1902QXC	PAL20R6-20 (GEN)	8412903XA	PAL20X8A (GEN)	8412906LA
20461-008 (GEN)	5962-98A0202QXC	TIBPAL20R6-20MJT	8412903LA	PAL20X8A (GEN)	8412906XA
20461-009 (GEN)	5962-98A1402QXC	TLE2064AM (GEN)	5962-9080902MCA	PLUS20L8 (GEN)	5962-87671053A
20461-010	5962-98A0602QXC	TLE2064AMFKB	5962-9080902M2A	PLUS20L8 (GEN)	5962-8767105KA
20461-012 (GEN)	5962-97A1203QZC	TLE2064AMWB	5962-9080902MDA	PLUS20L8 (GEN)	5962-8767105LA
20461-014	5962-99A1103NZZ	TLE2064BMFKB	5962-9080903Q2A	PLUS20R8 (GEN)	5962-87671063A
TLE2074M (GEN)	5962-9460203QDA	TLE2064BMJB	5962-9080903QCA	PLUS20R8 (GEN)	5962-8767106KA
20483-002	5962-99A0603NXB	TLE2064M (GEN)	5962-9080901BCA	PLUS20R8 (GEN)	5962-8767106LA
CLC205A (GEN)	5962-9083501HXA	TLE2064M (GEN)	5962-9080901MDA	TMC208 (GEN)	5962-8873904QA
TGC2053 (GEN)	5962-96B0106Q*A	TLE2064MFKB	5962-9080901M2A	TMC208 (GEN)	5962-8873904XA
TGC2053 (GEN)	5962-97B0106Q*A	TLE2064MJB	5962-9080901MCA	TMC208 (GEN)	5962-8873907QA
HDSR2056-34H/2	5962-9464607HXC	HR2065	5962H94A0305Q*C	TMC208 (GEN)	5962-8873907XA
HDSR2056-34S/2	5962-9464608HXC	HR2065	5962H94A0305V*C	TMC208 (GEN)	5962-8873908QA
HDSR2056-34V/R/2	5962-9464606HXC	HR2065 (GEN)	5962H99B0205QXC	TMC208 (GEN)	5962-8873908XA
HDSR2056-34V/S/2	5962-9464605HXC	HR2065 (GEN)	5962H99B0205VXC	TMC208K (GEN)	5962-8873901QA
2056P-34H/2 (GEN)	5962-9155903HXC	TGC2068 (GEN)	5962-96B0107Q*A	TMC208K (GEN)	5962-8873902QA
2056P-34S/2 (GEN)	5962-9155904HXC	TGC2068 (GEN)	5962-97B0107Q*A	TMC208K (GEN)	5962-8873905QA
2056P-34VR/2 (GEN)	5962-9155901HXC	2069 (GEN)	5962-8753201EA	TMC208K (GEN)	5962-8873905XA
2056P-34VS/2 (GEN)	5962-9155902HXC	SP-2069 (GEN)	5962-8877601XA	TMC208K (GEN)	5962-8873906QA
CLC206A (GEN)	5962-8985801XA	CLC207A (GEN)	5962-9097701HXA	TMC208K (GEN)	5962-8873906XA
PAL20R6A (GEN)	84129033A	OP207AY/QMLR	5962R0821401VCA	HX2080	5962H96B0301QU
PAL20R6A (GEN)	8412903JA	2070 (GEN)	5962-8753202EA	HX2080	5962H96B0301QZC
TLE2061AM (GEN)	5962-9080702QHA	TLE2071AMFKB	5962-9460204Q2A	HX2080	5962H96B0301V8C
TLE2061AMFKB	5962-9080702Q2A	TLE2071AMJGB	5962-9460204QPA	HX2080	5962H96B0301VUC
TLE2061AMJGB	5962-9080702QPA	TLE2071AMUB	5962-9460204QHA	HX2080	5962H96B0301VZC
TLE2061BMJGB	5962-9080703QPA	TLE2071M (GEN)	5962-9460201QHA	HX2080	5962H97B0301QM
TLE2061M (GEN)	5962-9080701MGA	TLE2071MFKB	5962-9460201Q2A	HX2080	5962H97B0301QXC
TLE2061M (GEN)	5962-9080701MHA	TLE2071MJGB	5962-9460201QPA	HX2080	5962H97B0301QZC
TLE2061MFKB	5962-9080701M2A	20716-001	5962-10A0101NXB	HX2080	5962H97B0301V8C
TLE2061MJGB	5962-9080701MPA	EL2072 (GEN)	5962-8997502PA	HX2080	5962H97B0301VM
PAL20R6-10 (GEN)	5962-87671173A	TLE2072AMFKB	5962-9460205Q2A	HX2080	5962H97B0301VXC
PAL20R6-10 (GEN)	5962-8767117KA	TLE2072AMJGB	5962-9460205QPA	HX2080	5962H97B0301VZC
PAL20R6-10 (GEN)	5962-8767117LA	TLE2072AMUB	5962-9460205QHA	HX2080R	5962H96B0306QU
PAL20R6-12 (GEN)	5962-87671133A	TLE2072MFKB	5962-9460202Q2A	HX2080R	5962H96B0306QZC
PAL20R6-12 (GEN)	5962-8767113LA	TLE2072MJGB	5962-9460202QPA	HX2080R	5962H96B0306VUC
PAL20R6-15 (GEN)	5962-87671093A	TLE2072MUB	5962-9460202QHA	HX2080R	5962H96B0306VZC
PAL20R6-15 (GEN)	5962-8767109LA	20720-001	5962-09A0401NXB	20V8B-10 (GEN)	5962-89840043A
PAL20L6A-2 (GEN)	84129113A	TLE2071AMWB	5962-9460204QDA	20V8B-10 (GEN)	5962-8984004LA
PAL20R6A-2 (GEN)	8412911KA	TLE2074AMFKB	5962-9460206Q2A	PAL20L8-10 (GEN)	5962-87671153A
PAL20R6A-2 (GEN)	8412911LA	TLE2074AMJB	5962-9460206QCA	PAL20L8-10 (GEN)	5962-8767115KA
TLE2062AM (GEN)	5962-9080802Q2A	TLE2074AMWB	5962-9460206QDA	PAL20L8-10 (GEN)	5962-8767115LA
TLE2062AM (GEN)	5962-9080802QHA	TLE2074MFKB	5962-9460203Q2A	PAL20R8-10 (GEN)	5962-87671163A



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
PAL20R8-10 (GEN)	5962-8767116KA	MG2M091E	5962-00B0217V*C	21C11-25 (GEN)	5962-9679305M3A
PAL20R8-10 (GEN)	5962-8767116LA	MM0-G2091*MQ	5962-00B0210Q9A	21C11-25 (GEN)	5962-9679305MLA
PAL20L8-12 (GEN)	5962-87671113A	MM0-G2091EH*MQ	5962-00B0202Q9A	21C11-30 (GEN)	5962-9679304M3A
PAL20L8-12 (GEN)	5962-8767111LA	MM0-G2M091*MQ	5962-00B0224Q9A	21C11-30 (GEN)	5962-9679304MLA
PAL20R8-12 (GEN)	5962-87671123A	MM0-G2M091EH*MQ	5962-00B0217Q9A	TGC2113 (GEN)	5962-96B0109Q*A
PAL20R8-12 (GEN)	5962-8767112LA	SM0-G2091EH*SV	5962-00B0202V9A	TGC2113 (GEN)	5962-97B0109Q*A
20V8B-15LD/883	5962-8984003LA	SM0-G2M091EH*SV	5962-00B0217V9A	HR2125	5962H94A0301Q*C
20V8B-15LR/883	5962-89840033A	ACS21 (GEN)	5962F9862901V9A	HR2125	5962H94A0301V*C
PAL20L8-15 (GEN)	5962-87671073A	ACS21 (GEN)	5962F9862901VCC	HR2125 (GEN)	5962H99B0201QXC
PAL20L8-15 (GEN)	5962-8767107LA	ACS21 (GEN)	5962F9862901VXC	HR2125 (GEN)	5962H99B0201VXC
PAL20R8-15 (GEN)	5962-87671083A	HCS21 (GEN)	5962R9577901V9A	MG2140	5962-00B0211Q*C
PAL20R8-15 (GEN)	5962-8767108LA	HCS21 (GEN)	5962R9577901VCC	MG2140E	5962-00B0203Q*C
PAL20L8A-2 (GEN)	84129093A	HCS21 (GEN)	5962R9577901VXC	MG2140E	5962-00B0203V*C
PAL20L8A-2 (GEN)	8412909KA	HCTS21 (GEN)	5962R9576601V9A	MG2M140	5962-00B0225Q*C
PAL20L8A-2 (GEN)	8412909LA	HCTS21 (GEN)	5962R9576601VCC	MG2M140E	5962-00B0218Q*C
PAL20R8A-2 (GEN)	84129103A	HCTS21 (GEN)	5962R9576601VXC	MG2M140E	5962-00B0218V*C
PAL20R8A-2 (GEN)	8412910KA	2100AS (GEN)	5962-8773503XC	MM0-G2140*MQ	5962-00B0211Q9A
PAL20R8A-2 (GEN)	8412910LA	2100AT (GEN)	5962-8773504XC	MM0-G2140EH*MQ	5962-00B0203Q9A
TMC208K (GEN)	5962-8873901XA	2100AU (GEN)	5962-8773505XC	MM0-G2M140*MQ	5962-00B0225Q9A
20V8B-20LD/883	5962-8984002LA	2100AV (GEN)	5962-8773506XC	MM0-G2M140EH*MQ	5962-00B0218Q9A
20V8B-20LR/883	5962-89840023A	2100S (GEN)	5962-8773501XC	SM0-G2140EH*SV	5962-00B0203V9A
PAL20L8-20 (GEN)	8412901KA	2100T (GEN)	5962-8773502XA	SM0-G2M140EH*SV	5962-00B0218V9A
PAL20R8-20 (GEN)	5962-87671023A	HS0-2100 (GEN)	5962F9953601V9A	TLE2141AM (GEN)	5962-9321602Q2A
PAL20R8-20 (GEN)	5962-8767102KA	HS9-2100 (GEN)	5962F9953601QXC	TLE2141AMJGB	5962-9321602QPA
PAL20R8-20 (GEN)	5962-8767102LA	HS9-2100 (GEN)	5962F9953601VXC	TLE2141M (GEN)	5962-9321601Q2A
PAL20R8-20 (GEN)	8412902KA	HS9-2100 (GEN)	5962R9953601TXC	TLE2141MJGB	5962-9321601QPA
PAL20R8-20 (GEN)	8412902XA	IS0-2100AEH-Q	5962F9953603V9A	MG2142P	5962-00B0304Q*C
TIBPAL20L8-20MFDB	5962-87671013A	IS0-2100ARH-Q	5962F9953602V9A	MG2142P	5962-00B0304V*C
TIBPAL20L8-20MJTB	5962-8767101LA	IS9-2100AEH-Q	5962F9953603VXC	MM0-G2142PH*MQ	5962-00B0304Q9A
TIBPAL20L8-20MJTB	8412901LA	IS9-2100ARH-8	5962F9953602QXC	MMKN-G2142PHxxxMQ	5962-03B0104QYC
TIBPAL20L8-20MWB	5962-8767101KA	IS9-2100ARH-Q	5962F9953602VXC	MMKW-G2142PHxxxM	5962-03B0104QZC
TIBPAL20L8-20MXB	8412901XA	21002 (GEN)	5962-9560501HXA	SM0-G2142PH*SV	5962-00B0304V9A
TIBPAL20R8-20MJTB	8412902LA	21005 (GEN)	5962-9560502HXA	SMF7-G2142PHxxxSR	5962R00B0304VNC
TMC208K (GEN)	5962-8873902XA	21007 (GEN)	5962-9560503HXA	SMF9-G2142PHxxxSR	5962R00B0304V5C
20V8B-30LD/883	5962-8984001LA	21010 (GEN)	5962-9560504HXA	SMFW-G2142PHxxxSR	5962R00B0304V4C
20V8B-30LR/883	5962-89840013A	21015 (GEN)	5962-9560505HXA	SMKN-G2142PHxxxSR	5962R03B0104VYC
TGC2086 (GEN)	5962-96B0108Q*A	21020 (GEN)	5962-9560506HXA	SMKN-G2142PHxxxSV	5962-03B0104VYC
TGC2086 (GEN)	5962-97B0108Q*A	TSC21020F-20MBMQ	5962-9953901QXC	SMKW-G2142PHxxxSR	5962R03B0104VZC
20869-001	5962-01A0902NXB	TSC21020F-20SBSV	5962-9953901VXC	SMKW-G2142PHxxxSV	5962-03B0104VZC
PAL20R8-7 (GEN)	5962-87671193A	21025 (GEN)	5962-9560507HXA	SMKZ-G2142PHxxxSR	5962R00B0304V6C
PAL20R8-7 (GEN)	5962-8767119KA	TSB21LV03C (GEN)	5962-9677101QXA	TLE2142AMFKB	5962-9321604Q2A
PAL20R8-7 (GEN)	5962-8767119LA	21034-001 (GEN)	5962-99A0102QXC	TLE2142AMJGB	5962-9321604QPA
20870-001	5962-01A0802NXB	ADSP21060-160 (GEN)	5962-9674502QTC	TLE2142AMUB	5962-9321604QHA
HR2090	5962H94A0306Q*C	ADSP21060-160 (GEN)	5962-9674502QUC	TLE2142MFKB	5962-9321603Q2A
HR2090	5962H94A0306V*C	ADSP21060-160 (GEN)	5962-9674502QXC	TLE2142MJGB	5962-9321603QPA
HR2090 (GEN)	5962H99B0206QXC	ADSP21060-160 (GEN)	5962-9674502QYC	TLE2142MUB	5962-9321603QHA
HR2090 (GEN)	5962H99B0206VXC	ADSP21060L-148 (GEN)	5962-9674402QUC	TLE2144AMFKB	5962-9321606Q2A
MG2091	5962-00B0210Q*C	ADSP21060L-148 (GEN)	5962-9674402QYC	TLE2144AMJB	5962-9321606QCA
MG2091E	5962-00B0202Q*C	TMC2111V (GEN)	5962-89446023A	TLE2144MFKB	5962-9321605Q2A
MG2091E	5962-00B0202V*C	TMC2111V (GEN)	5962-8944602LA	TLE2144MJB	5962-9321605QCA
MG2M091	5962-00B0224Q*C	21C11-20 (GEN)	5962-9679306M3A	OP215A (GEN)	5962-88538012A
MG2M091E	5962-00B0217Q*C	21C11-20 (GEN)	5962-9679306MLA	OP215A (GEN)	5962-8853801GA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
OP215A (GEN)	5962-8853801V2A	2168-45 (GEN)	5962-8608105XA	22009751-007 (GEN)	5962H94A0901VYC
OP215A (GEN)	5962-8853801VGA	2168-55 (GEN)	5962-8608101RA	TLC2201AM (GEN)	5962-9088203Q2A
OP215A (GEN)	5962-8853801VPA	2168-55 (GEN)	5962-8608101XA	TLC2201AMFKB-QMLV	5962-9088203V2A
OP215A (GEN)	5962R8853801V2A	2168-70 (GEN)	5962-8608102RA	TLC2201AMJGB	5962-9088203QPA
OP215AJ/QMLR	5962R8853801VGA	2168-70 (GEN)	5962-8608102XA	TLC2201M (GEN)	5962-9088201MGA
OP215ARC/QMLR	5962R8853804V2A	WMF2M16-90DAQ5)	5962-9761003HXA	TLC2201MFKB	5962-9088201M2A
OP215AZ	5962-8853801PA	WMF2M16-90DAQE5	5962-9761006HXA	TLC2201MJGB	5962-9088201MPA
OP215AZ/QMLR	5962R8853801VPA	2169-40 (GEN)	5962-8608106RA	22011-001	5962-17A0401QXC
OP215B (GEN)	5962-8853802GA	2169-40 (GEN)	5962-8608106XA	EP220-12 (GEN)	5962-8863503RA
OP215B (GEN)	5962-8853802PA	2169-50 (GEN)	5962-8608103RA	TR2C20129781-001	5962R17A0201VXC
OP215BR (GEN)	5962-88538032A	2169-50 (GEN)	5962-8608103XA	TR2C20129795-001	5962R17A0101VXC
TGC2154 (GEN)	5962-96B0110Q*A	2169-70 (GEN)	5962-8608104RA	TR2C20129838-001	5962R17A0301VXC
TGC2154 (GEN)	5962-97B0110Q*A	2169-70 (GEN)	5962-8608104XA	EP220-15 (GEN)	5962-8863502RA
HX2160	5962H96B0302Q4C	RHFLVDS217D2V	5962F0153403V9A	22017140-005 (GEN)	5962H94A2001QXC
HX2160	5962H96B0302Q6C	RHFLVDS217K01V	5962F0153403VYC	22017253-008 (GEN)	5962H94A2101QY
HX2160	5962H96B0302QTC	EL2171 (GEN)	5962-8997302PA	22017351 (GEN)	5962H93A1601VYC
HX2160	5962H96B0302QU	LMU17 (GEN)	5962-8768604UA	22017393 (GEN)	5962H96A1401QXC
HX2160	5962H96B0302QZC	LMU17 (GEN)	5962-8768604YA	22017396 (GEN)	5962H96A1301QXC
HX2160	5962H96B0302V4C	LMU17 (GEN)	5962-8768605UA	22017399 (GEN)	5962H96A1501QXC
HX2160	5962H96B0302V6C	LMU17 (GEN)	5962-8768605YA	22017974 (GEN)	5962H96A1601QXC
HX2160	5962H96B0302VNC	LMU17 (GEN)	5962-8768606UA	TLC2202AMFKB	5962-9088204Q2A
HX2160	5962H96B0302VTC	LMU17 (GEN)	5962-8768606YA	TLC2202AMJGB	5962-9088204QPA
HX2160	5962H96B0302VUC	LMU17 (GEN)	5962-8768602UA	TLC2202M (GEN)	5962-9088202MGA
HX2160	5962H96B0302VZC	LMU17 (GEN)	5962-8768602YA	TLC2202MFKB	5962-9088202M2A
HX2160	5962H97B0302QXC	LMU17 (GEN)	5962-8768603UA	TLC2202MJGB	5962-9088202MPA
HX2160	5962H97B0302QZC	LMU17 (GEN)	5962-8768603YA	22021540-012	5962H98A2401QTC
HX2160	5962H97B0302V6C	RHFLVDS218D2V	5962F0153503V9A	22021540-050	5962H98A2402QTC
HX2160	5962H97B0302VXC	RHFLVDS218K01V	5962F0153503VYC	22021712-008	5962H98A3101VXC
HX2160	5962H97B0302VZC	EL-2190 (GEN)	5962-87784022A	22021712-012	5962H98A3101QXC
HX2160R	5962H96B0307Q4C	EL-2190 (GEN)	5962-8778402CA	22021712-050	5962H98A3102QXC
HX2160R	5962H96B0307V4C	EL-2190 (GEN)	5962-8778402XA	22021718-012	5962H98A3001QXC
HX2160r	5962H97B0307Q6C	TGC2191 (GEN)	5962-96B0111Q*A	22021718-050	5962H98A3002QXC
HX2160r	5962H97B0307V5C	TGC2191 (GEN)	5962-97B0111Q*A	22021730-012	5962H98A2701QTC
HX2160r2.5V	5962H97B0311Q5C	MG2194	5962-00B0212Q*C	22021730-050	5962H98A2702QTC
HX2160r2.5V	5962H97B0311Q6C	MG2194E	5962-00B0204Q*C	22021745-012	5962H98A2501QXC
HX2160r2.5V	5962H97B0311V5C	MG2194E	5962-00B0204V*C	22021745-050	5962H98A2502QXC
HX2160r2.5V	5962H97B0311V6C	MG2M194	5962-00B0226Q*C	22021752-012	5962H98A2301QTC
TLE2161AM (GEN)	5962-9095802Q2A	MG2M194E	5962-00B0219Q*C	22021752-050	5962H98A2302QTC
TLE2161AMJGB	5962-9095802QPA	MG2M194E	5962-00B0219V*C	22021806-012	5962H98A2801QXC
TLE2161BM (GEN)	5962-9095803Q2A	MM0-G2194*MQ	5962-00B0212Q9A	22021806-050	5962H98A2802QXC
TLE2161BMJGB	5962-9095803QPA	MM0-G2194EH*MQ	5962-00B0204Q9A	22021812-008	5962H98A2901VXC
TLE2161M (GEN)	5962-9095801Q2A	MM0-G2M194*MQ	5962-00B0226Q9A	22021812-012	5962H98A2901QXC
TLE2161MJGB	5962-9095801QPA	MM0-G2M194EH*MQ	5962-00B0219Q9A	22021812-050	5962H98A2902QXC
WMF2M16-120DAQ5	5962-9761002HXA	SM0-G2194EH*SV	5962-00B0204V9A	22022256	5962H98A3201VXC
WMF2M16-120DAQE5	5962-9761005HXA	SM0-G2M194EH*SV	5962-00B0219V9A	22022256-012	5962H98A3201QXC
WMF2M16-150DAQ5	5962-9761001HXA	RHFLVDSR2D2D2V	5962F0620202V9A	22022256-050	5962H98A3202QXC
WMF2M16-150DAQE5	5962-9761004HXA	RHFLVDSR2D2K01V	5962F0620202VYC	22022600	5962H98A3201VTC
2167-40 (GEN)	8200704XA	RHFLVDSR2D2K02V	5962F0620202VYA	22022600-012	5962H98A3201QTC
2167-45 (GEN)	8200704RA	CLC220A (GEN)	5962-8991101XA	22022600-050	5962H98A3202QTC
2167-55 (GEN)	8200703XA	MAX220MJE/883B	5962-9456501MEA	22022600-112	5962H98A3203QTC
2167-70 (GEN)	8200702XA	MAX220MLP/883B	5962-9456501M2C	22022979-012	5962H98A2601QTC
2168-45 (GEN)	5962-8608105RA	22009751-007 (GEN)	5962H94A0901QY	22022979-050	5962H98A2602QTC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
22028036	5962H1024401VXC	HR2210 (GEN)	5962H99B0202QXC	UT22VP10T-15WCA	5962H9475408QYA
22028966-008	5962H98A3204VTC	HR2210 (GEN)	5962H99B0202VXC	UT22VP10T-15WCA	5962H9475408VYA
22028966-012	5962H98A3204QTC	PAL22V10 (GEN)	5962-86053023A	UT22VP10T-15WCA	5962H9475408VYC
22029072-008	5962F07A0201VXC	PAL22V10 (GEN)	5962-8605302KA	UT22VP10T-15WCC	5962H9475408QYC
22029072-108	5962F07A0201VXC	PAL22V10 (GEN)	5962-8605302LA	GEM22101QEA	5962-0050701QEA
22029072-012	5962F07A0201QXC	PAL22V10A (GEN)	5962-86053013A	GEM22101QEC	5962-0050701QEC
22029072-112	5962F07A0201QXC	PAL22V10A (GEN)	5962-8605301KA	22V10-10 (GEN)	5962-89841123A
22029081-008	5962F07A0301VXC	PAL22V10A (GEN)	5962-8605301LA	22V10-10 (GEN)	5962-8984112KA
22029081-108	5962F07A0301VXC	UT22VP10E-15PCA	5962H9475407QLA	22V10-10 (GEN)	5962-8984112LA
22029081-012	5962F07A0301QXC	UT22VP10E-15PCA	5962H9475407VLA	22V10B (GEN)	5962-87539063A
22029081-112	5962F07A0301QXC	UT22VP10E-15PCC	5962H9475407QLC	22V10B (GEN)	5962-8753906LA
22029090-008	5962F07A0701VXC	UT22VP10E-15PCC	5962H9475407VLC	22V10B (GEN)	5962-8753906XA
22029090-108	5962F07A0701VXC	UT22VP10E-15UCA	5962H9475407QXA	22V10D-10LD/883	5962-8984106LA
22029090-012	5962F07A0701QXC	UT22VP10E-15UCA	5962H9475407VXA	22V10D-10LR/883	5962-89841063A
22029090-112	5962F07A0701QXC	UT22VP10E-15UCC	5962H9475407QXC	22V10G-10 (GEN)	5962-9176003M3A
22029090-014	5962F07A0701V9A	UT22VP10E-15UCC	5962H9475407VXC	22VP10G-10 (GEN)	5962-9176006M3A
22029090-114	5962F07A0701V9A	UT22VP10E-15WCA	5962H9475407QYA	ATF22V10B-10GM/883	5962-8984106LA
22029099-008	5962F07A0601VXC	UT22VP10E-15WCA	5962H9475407VYA	ATF22V10B-10NM/883	5962-89841063A
22029099-108	5962F07A0601VXC	UT22VP10E-15WCC	5962H9475407QYC	ATF22V10C-10GM/883	5962-8984116LA
22029099-012	5962F07A0601QXC	UT22VP10E-15WCC	5962H9475407VYC	ATF22V10C-10NM/883	5962-89841163A
22029099-112	5962F07A0601QXC	UT22VP10E-20PCA	5962H9475406QLA	PALC22V10D-10DMB	5962-8984106LA
22029108-008	5962F07A0501VXC	UT22VP10E-20PCA	5962H9475406VLA	PALC22V10D-10KMB	5962-8984106KA
22029108-108	5962F07A0501VXC	UT22VP10E-20PCC	5962H9475406QLC	PALC22V10D-10LMB	5962-89841063A
22029108-012	5962F07A0501QXC	UT22VP10E-20PCC	5962H9475406VLC	PALCE22V10-10DMB	5962-8984106LA
22029108-112	5962F07A0501QXC	UT22VP10E-20UCA	5962H9475406QXA	PALCE22V10-10KMB	5962-8984106KA
22030924-008	5962F07A0101VXC	UT22VP10E-20UCA	5962H9475406VXA	PALCE22V10-10LMB	5962-89841063A
22030924-108	5962F07A0102VXC	UT22VP10E-20UCC	5962H9475406QXC	QPC22V10-10/BKA	5962-8984106KA
22031421-008	5962F07A0101VYC	UT22VP10E-20UCC	5962H9475406VXC	22V10G-12 (GEN)	5962-9176002M3A
22031421-108	5962F07A0102VYC	UT22VP10E-20WCA	5962H9475406QYA	22VP10G-12 (GEN)	5962-9176005M3A
22031423-008	5962F07A0101VZC	UT22VP10E-20WCA	5962H9475406VYA	PAL22V10-12 (GEN)	5962-86053053A
22031423-108	5962F07A0102VZC	UT22VP10E-20WCC	5962H9475406QYC	PAL22V10-12 (GEN)	5962-8605305KA
22031425-008	5962F07A0101VUC	UT22VP10E-20WCC	5962H9475406VYC	PAL22V10-12 (GEN)	5962-8605305LA
22031425-108	5962F07A0102VUC	UT22VP10E-25PCA	5962H9475405QLA	22V10-15 (GEN)	5962-89841093A
22031619-008	5962F07A0401VXC	UT22VP10E-25PCA	5962H9475405VLA	22V10-15 (GEN)	5962-8984109KA
22031619-108	5962F07A0401VXC	UT22VP10E-25PCC	5962H9475405QLC	22V10-15 (GEN)	5962-8984109LA
22031619-012	5962F07A0401QXC	UT22VP10E-25PCC	5962H9475405VLC	22V10-15 (GEN)	5962-89841113A
22031619-112	5962F07A0401QXC	UT22VP10E-25UCA	5962H9475405QXA	22V10-15 (GEN)	5962-8984111KA
22031940-008	5962F07A0103VXC	UT22VP10E-25UCA	5962H9475405VXA	22V10-15 (GEN)	5962-8984111LA
22031940-012	5962F07A0103QXC	UT22VP10E-25UCC	5962H9475405QXC	22V10D-15LD/883	5962-8984103LA
22031942-008	5962F07A0103VZC	UT22VP10E-25UCC	5962H9475405VXC	22V10D-15LR/883	5962-89841033A
22031942-012	5962F07A0103QZC	UT22VP10E-25WCA	5962H9475405QYA	22V10G-15 (GEN)	5962-9176001M3A
TMC2208 (GEN)	5962-9070801XA	UT22VP10E-25WCA	5962H9475405VYA	22VP10G-15 (GEN)	5962-9176004M3A
CLC221A (GEN)	5962-9083601HXA	UT22VP10E-25WCC	5962H9475405QYC	ATF22V10B-15GM/883	5962-8984103LA
22V10A (GEN)	5962-9176007M3A	UT22VP10E-25WCC	5962H9475405VYC	ATF22V10B-15NM/883	5962-89841033A
22V10A (GEN)	5962-9176007MLA	UT22VP10T-15PCA	5962H9475408QLA	ATF22V10C-15GM/883	5962-8984115LA
22V10B (GEN)	5962-9176008M3A	UT22VP10T-15PCA	5962H9475408VLA	ATF22V10C-15NM/883	5962-89841153A
22V10B (GEN)	5962-9176008MLA	UT22VP10T-15PCC	5962H9475408QLC	DPA22V10-15LC	5962-8984103LC
22V10G-7 (GEN)	5962-9176009M3A	UT22VP10T-15PCC	5962H9475408VLC	PALC22V10B-15DMB	5962-8867005LA
22V10L (GEN)	5962-8872404KA	UT22VP10T-15UCA	5962H9475408QXA	PALC22V10B-15KMB	5962-8867005KA
22VP10G-7 (GEN)	5962-9176010M3A	UT22VP10T-15UCA	5962H9475408VXA	PALC22V10B-15LMB	5962-88670053A
HR2210	5962H94A0302Q*C	UT22VP10T-15UCC	5962H9475408QXC	PALC22V10B-15QMB	5962-87539053A
HR2210	5962H94A0302V*C	UT22VP10T-15UCC	5962H9475408VXC	PALC22V10B-15TMB	5962-8753905KA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
PALC22V10B-15WMB	5962-8753905LA	UT22VP10C-20WCA	5962H9475403VYA	PAL22VP1025 (GEN)	5962-8605303LA
PALC22V10D-15DMB	5962-8984103LA	UT22VP10C-20WCC	5962H9475403QYC	PALC22V10-25DMB	5962-8867001LA
PALC22V10D-15DMB	5962-8984105LA	UT22VP10C-20WCC	5962H9475403VYC	PALC22V10-25KMB	5962-8867001KA
PALC22V10D-15KMB	5962-8984103KA	UT22VP10T-20PCA	5962H9475404QLA	PALC22V10-25LMB	5962-88670013A
PALC22V10D-15KMB	5962-8984105KA	UT22VP10T-20PCA	5962H9475404VLA	PALC22V10-25QMB	5962-87539013A
PALC22V10D-15LMB	5962-89841033A	UT22VP10T-20PCC	5962H9475404QLC	PALC22V10-25TMB	5962-8753901KA
PALC22V10D-15LMB	5962-89841053A	UT22VP10T-20PCC	5962H9475404VLC	PALC22V10-25WMB	5962-8753901LA
PALCE22V10-15DMB	5962-8984103LA	UT22VP10T-20UCA	5962H9475404QXA	PALC22V10D-25DMB	5962-8984104LA
PALCE22V10-15DMB	5962-8984105LA	UT22VP10T-20UCA	5962H9475404VXA	PALC22V10D-25KMB	5962-8984104KA
PALCE22V10-15KMB	5962-8984103KA	UT22VP10T-20UCC	5962H9475404QXC	PALC22V10D-25LMB	5962-89841043A
PALCE22V10-15KMB	5962-8984105KA	UT22VP10T-20UCC	5962H9475404VXC	PALCE22V10-25DMB	5962-8984104LA
PALCE22V10-15LMB	5962-89841033A	UT22VP10T-20WCA	5962H9475404QYA	PALCE22V10-25KMB	5962-8984104KA
PALCE22V10-15LMB	5962-89841053A	UT22VP10T-20WCA	5962H9475404VYA	PALCE22V10-25LMB	5962-89841043A
QPC22V10-15/BKA	5962-8984103KA	UT22VP10T-20WCC	5962H9475404QYC	QPC22V10-25/BKA	5962-8984104KA
QPC22V10-15/BKA	5962-8984105KA	UT22VP10T-20WCC	5962H9475404VYC	PALCE22V10-25LMB	5962-89841043A
22V10-20 (GEN)	5962-89841083A	22V10A (GEN)	5962-9176011NXA	TIBPAL22VP10-25MWB	5962-8605303KA
22V10-20 (GEN)	5962-8984108KA	22V10A (GEN)	5962-9176012NXA	UT22VP10C-25PCA	5962H9475401QLA
22V10-20 (GEN)	5962-8984108LA	22V10B (GEN)	5962-9176013NXA	UT22VP10C-25PCA	5962H9475401VLA
22V10-20 (GEN)	5962-89841143A	22V10B (GEN)	5962-9176014NXA	UT22VP10C-25PCC	5962H9475401QLC
22V10-20 (GEN)	5962-8984114LA	22LV10 (GEN)	5962-9324501M3A	UT22VP10C-25PCC	5962H9475401VLC
22V10D-20LD/883	5962-8984102LA	22LV10 (GEN)	5962-9324501MKA	UT22VP10C-25UCA	5962H9475401QXA
22V10D-20LR/883	5962-89841023A	22LV10 (GEN)	5962-9324501MLA	UT22VP10C-25UCA	5962H9475401VXA
22V10L (GEN)	5962-8975504KA	22V10-25 (GEN)	5962-89841103A	UT22VP10C-25UCC	5962H9475401QXC
AT22V10L-20DM/883	5962-8872404LA	22V10-25 (GEN)	5962-8984110KA	UT22VP10C-25UCC	5962H9475401VXC
AT22V10L-20GM/883	5962-8975504LA	22V10-25 (GEN)	5962-8984110LA	UT22VP10C-25WCA	5962H9475401QYA
AT22V10L-20LM/883	5962-88724043A	22V10-25 (GEN)	5962-89841133A	UT22VP10C-25WCA	5962H9475401VYA
AT22V10L-20NM/883	5962-89755043A	22V10-25 (GEN)	5962-8984113LA	UT22VP10C-25WCC	5962H9475401QYC
PAL22V10-20 (GEN)	5962-86053043A	22V10-25 (GEN)	5962-8984113LA	UT22VP10C-25WCC	5962H9475401VYC
PAL22V10-20 (GEN)	5962-8605304LA	22V10D-25LD/883	5962-8984104LA	UT22VP10C-25WCC	5962H9475401VYC
PALC22V10B-20DMB	5962-8867004LA	22V10D-25LR/883	5962-89841043A	UT22VP10T-25PCA	5962H9475402QLA
PALC22V10B-20KMB	5962-8867004KA	22V10D-25LR/883	5962-89841043A	UT22VP10T-25PCA	5962H9475402VLA
PALC22V10B-20LMB	5962-88670043A	22V10L (GEN)	5962-8975501KA	UT22VP10T-25PCC	5962H9475402QLC
PALC22V10B-20QMB	5962-87539043A	22V10L-25 (GEN)	5962-8872401KA	UT22VP10T-25PCC	5962H9475402VLC
PALC22V10B-20TMB	5962-8753904KA	22VP10C (GEN)	5962H9475401Q3A	UT22VP10T-25PCC	5962H9475402VLC
PALC22V10B-20WMB	5962-8753904LA	22VP10C (GEN)	5962H9475401Q3C	UT22VP10T-25UCA	5962H9475402QXA
PALC22V10D-20DMB	5962-8984102LA	22VP10C (GEN)	5962H9475401Q3C	UT22VP10T-25UCA	5962H9475402VXA
PALC22V10D-20KMB	5962-8984102KA	22VP10C (GEN)	5962H9475401QKA	UT22VP10T-25UCA	5962H9475402VXA
PALC22V10D-20LMB	5962-89841023A	22VP10C (GEN)	5962H9475401QKA	UT22VP10T-25UCC	5962H9475402QXC
PALCE22V10-20DMB	5962-8984102LA	22VP10C (GEN)	5962H9475401QKC	UT22VP10T-25UCC	5962H9475402QXC
PALCE22V10-20KMB	5962-8984102KA	22VP10C (GEN)	5962H9475401QKC	UT22VP10T-25UCC	5962H9475402VXC
PALCE22V10-20LMB	5962-89841023A	22VP10C (GEN)	5962H9475401V3A	UT22VP10T-25UCC	5962H9475402VXC
QPC22V10-20/BKA	5962-8984102KA	22VP10C (GEN)	5962H9475401V3A	UT22VP10T-25UCA	5962H9475402QXA
TIBPAL22V10-20MWB	5962-8605304KA	22VP10C (GEN)	5962H9475401V3C	UT22VP10T-25UCA	5962H9475402VXA
UT22VP10C-20PCA	5962H9475403QLA	22VP10C (GEN)	5962H9475401V3C	UT22VP10T-25UCC	5962H9475402QXC
UT22VP10C-20PCA	5962H9475403VLA	22VP10C (GEN)	5962H9475401VKA	UT22VP10T-25UCC	5962H9475402VXC
UT22VP10C-20PCC	5962H9475403QLC	22VP10C (GEN)	5962H9475401VKA	UT22VP10T-25WCA	5962H9475402QYA
UT22VP10C-20PCC	5962H9475403VLC	22VP10C (GEN)	5962H9475401VKA	UT22VP10T-25WCA	5962H9475402VYA
UT22VP10C-20UCA	5962H9475403QXA	22VP10C (GEN)	5962H9475401VKC	UT22VP10T-25WCC	5962H9475402QYC
UT22VP10C-20UCA	5962H9475403VXA	22VP10C (GEN)	5962H9475401VKC	UT22VP10T-25WCC	5962H9475402VYC
UT22VP10C-20UCC	5962H9475403QXC	22VP10T (GEN)	5962H9475402Q3A	22LV10 (GEN)	5962-9324502M3A
UT22VP10C-20UCC	5962H9475403VXC	22VP10T (GEN)	5962H9475402Q3C	22LV10 (GEN)	5962-9324502MKA
UT22VP10C-20WCA	5962H9475403QYA	22VP10T (GEN)	5962H9475402QKA	22LV10 (GEN)	5962-9324502MLA
		22VP10T (GEN)	5962H9475402QKC	22LV10 (GEN)	5962-9324503MKA
		22VP10T (GEN)	5962H9475402V3A	22LV10L (GEN)	5962-9324503M3A
		22VP10T (GEN)	5962H9475402V3C	22LV10L (GEN)	5962-9324503MLA
		22VP10T (GEN)	5962H9475402VKA	22V10-30 (GEN)	5962-89841073A
		22VP10T (GEN)	5962H9475402VKC	22V10-30 (GEN)	5962-8984107KA
		AT22V10L-25DM/883	5962-8872401LA	22V10-30 (GEN)	5962-8984107LA
		AT22V10L-25GM/883	5962-8975501LA	22V10-30 (GEN)	5962-8984107LA
		AT22V10L-25LM/883	5962-88724013A	22V10D-30LD/883	5962-8984101LA
		AT22V10L-25NM/883	5962-89755013A	22V10D-30LR/883	5962-89841013A
		PAL22VP1025 (GEN)	5962-86053033A	22V10L (GEN)	5962-8975502KA
				22V10L-30 (GEN)	5962-8872402KA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
AT22V10L-30DM/883	5962-8872402LA	TLC2252AMJGB	5962-9564003QPA	TLV2262AMUB	5962-9550403QHA
AT22V10L-30GM/883	5962-8975502LA	TLC2252AMUB	5962-9564003QHA	TLV2262M (GEN)	5962-9550401Q2A
AT22V10L-30LM/883	5962-88724023A	TLC2252M (GEN)	5962-9564001NXD	TLV2262M (GEN)	5962-9550401QHA
AT22V10L-30NM/883	5962-89755023A	TLC2252MFKB	5962-9564001Q2A	TLV2262MJGB	5962-9550401QPA
PALC22V10-30DMB	5962-8867002LA	TLC2252MJGB	5962-9564001QPA	HS-22620 (GEN)	5962F9751201V9A
PALC22V10-30KMB	5962-8867002KA	TLC2252MUB	5962-9564001QHA	HS-22620 (GEN)	5962F9751201VXC
PALC22V10-30LMB	5962-88670023A	TLV2252AM (GEN)	5962-9566603Q2A	TLC2264AM (GEN)	5962-9469204QDA
PALC22V10-30QMB	5962-87539023A	TLV2252AM (GEN)	5962-9566603QHA	TLC2264AMFKB	5962-9469204Q2A
PALC22V10-30TMB	5962-8753902KA	TLV2252AMJGB	5962-9566603QPA	TLC2264AMJB	5962-9469204QCA
PALC22V10-30WMB	5962-8753902LA	TLV2252M (GEN)	5962-9566601Q2A	TLC2264M (GEN)	5962-9469202Q2A
PALC22V10D-30DMB	5962-8984101LA	TLV2252M (GEN)	5962-9566601QHA	TLC2264M (GEN)	5962-9469202QCA
PALC22V10D-30KMB	5962-8984101KA	TLV2252MJGB	5962-9566601QPA	TLC2264M (GEN)	5962-9469202QDA
PALC22V10D-30LMB	5962-89841013A	TLC2254AM (GEN)	5962-9564004NYD	TLV2264AM (GEN)	5962-9550404Q2A
PALCE22V10-30DMB	5962-8984101LA	TLC2254AM (GEN)	5962-9564004QCA	TLV2264AMJB	5962-9550404QCA
PALCE22V10-30KMB	5962-8984101KA	TLC2254AMFKB	5962-9564004Q2A	TLV2264AMWB	5962-9550404QDA
PALCE22V10-30LMB	5962-89841013A	TLC2254AMWB	5962-9564004QDA	TLV2264M (GEN)	5962-9550402Q2A
QPC22V10-30/BKA	5962-8984101KA	TLC2254M (GEN)	5962-9564002NYD	TLV2264M (GEN)	5962-9550402QCA
22LV10 (GEN)	5962-9324504M3A	TLC2254M (GEN)	5962-9564002QCA	TLV2264M (GEN)	5962-9550402QDA
22LV10 (GEN)	5962-9324504MKA	TLC2254MFKB	5962-9564002Q2A	MG2265	5962-00B0213Q*C
22LV10 (GEN)	5962-9324504MLA	TLC2254MWB	5962-9564002QDA	MG2265E	5962-00B0205Q*C
22V10L-40 (GEN)	5962-8872403KA	TLV2254AM (GEN)	5962-9566604Q2A	MG2265E	5962-00B0205V*C
AT22V10L-40DM/883	5962-8872403LA	TLV2254AM (GEN)	5962-9566604QCA	MG2M265	5962-00B0227Q*C
AT22V10L-40GM/883	5962-8975503LA	TLV2254AM (GEN)	5962-9566604QDA	MG2M265E	5962-00B0220Q*C
AT22V10L-40LM/883	5962-88724033A	TLV2254M (GEN)	5962-9566602Q2A	MG2M265E	5962-00B0220V*C
AT22V10L-40NM/883	5962-89755033A	TLV2254M (GEN)	5962-9566602QCA	MM0-G2265*MQ	5962-00B0213Q9A
C22V10L (GEN)	5962-8975503KA	TLV2254M (GEN)	5962-9566602QDA	MM0-G2265EH*MQ	5962-00B0205Q9A
PALC22V10-40DMB	5962-8867003LA	MMYD-G2256AHxxxMQ	5962-03B0106Q4C	MM0-G2M265*MQ	5962-00B0227Q9A
PALC22V10-40KMB	5962-8867003KA	MMYE-G2256AHxxxMQ	5962-03B0106QNC	MM0-G2M265EH*MQ	5962-00B0220Q9A
PALC22V10-40LMB	5962-88670033A	MMYY-G2256AHxxxMQ	5962-03B0106QMC	SM0-G2265EH*SV	5962-00B0205V9A
PALC22V10-40QMB	5962-87539033A	MMYZ-G2256AHxxxMQ	5962-03B0106QTC	SM0-G2M265EH*SV	5962-00B0220V9A
PALC22V10-40TMB	5962-8753903KA	SMYD-G2256AHxxxSQ	5962-03B0106V4C	MTLOP227AQD	5962-8688701CA
PALC22V10-40WMB	5962-8753903LA	SMYD-G2256AHxxxSR	5962R03B0106V4C	MG2270P	5962-00B0305Q*C
RM2211 (GEN)	7705001CA	SMYE-G2256AHxxxSR	5962R03B0106VNC	MG2270P	5962-00B0305V*C
TLV2217-33 (GEN)	5962-9583801Q2A	SMYE-G2256AHxxxSV	5962-03B0106VNC	MM0-G2270PH*MQ	5962-00B0305Q9A
TLV2217-33 (GEN)	5962-9583801QCA	SMYY-G2256AHxxxSR	5962R03B0106VM	MM2E-G2270PHxxxMQ	5962-03B0105QUC
MAX222 (GEN)	5962-9456502MVA	SMYY-G2256AHxxxSV	5962-03B0106VMC	MMKN-G2270PHxxxMQ	5962-03B0105QYC
MAX222MLP/883B	5962-9456502M2C	SMYZ-G2256AHxxxSR	5962R03B0106VTC	MMKW-G2270PHxxxM	5962-03B0105QZC
EL2232 (GEN)	5962-9167501MPA	SMYZ-G2256AHxxxSV	5962-03B0106VTC	SM0-G2270PH*SV	5962-00B0305V9A
GEM22401Q2A	5962-9858601Q2A	GEM22601Q2A	5962-90613012A	SM2E-G2270PHxxxSR	5962R03B0105VUC
GEM22401Q2C	5962-9858601Q2C	GEM22601Q2C	5962-90613012C	SM2E-G2270PHxxxSV	5962-03B0105VUC
GEM22401QRA	5962-9858601QRA	GEM22601QEA	5962-9061301EA	SMF7-G2270PHxxxSR	5962R00B0305VNC
GEM22401QRC	5962-9858601QRC	GEM22601QEC	5962-9061301EC	SMF9-G2270PHxxxSR	5962R00B0305V5C
GEM22401QSA	5962-9858601QSA	GEM22601QFA	5962-9061301FA	SMFW-G2270PHxxxSR	5962R00B0305V4C
GEM22401QSC	5962-9858601QSC	GEM22601QFC	5962-9061301FC	SMKN-G2270PHxxxSR	5962R03B0105VYC
EP224-12 (GEN)	5962-9210502MLA	TLC2262AM (GEN)	5962-9469203Q2A	SMKN-G2270PHxxxSV	5962-03B0105VYC
EP224-15 (GEN)	5962-9210501MLA	TLC2262AM (GEN)	5962-9469203QHA	SMKW-G2270PHxxxSR	5962R03B0105VZC
TGC2245 (GEN)	5962-96B0112Q*A	TLC2262AMJGB	5962-9469203QPA	SMKW-G2270PHxxxSV	5962-03B0105VZC
TGC2245 (GEN)	5962-97B0112Q*A	TLC2262M (GEN)	5962-9469201Q2A	SMKZ-G2270PHxxxSR	5962R00B0305V6C
2250GM (GEN)	5962-9326001MXA	TLC2262M (GEN)	5962-9469201QPA	SMYC-G2270PHxxxSR	5962R00B0305V7C
2250GM (GEN)	5962-9326001MYA	TLC2262MUB	5962-9469201QHA	GEM22703QXA	5962-8864303XA
TLC2252AMDQ	5962-9564003NXD	TLV2262AM (GEN)	5962-9550403Q2A	GEM22703QXC	5962-8864303XC
TLC2252AMFKB	5962-9564003Q2A	TLV2262AMJGB	5962-9550403QPA	GEM22703QYA	5962-8864303YA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
GEM22703QYC	5962-8864303YC	TMC2301 (GEN)	5962-8971501YA	MAX238 (GEN)	5962-8987707JA
TLC2272AMFKB	5962-9555202Q2A	TMC2301 (GEN)	5962-8971502XC	MAX239 (GEN)	5962-8987708JA
TLC2272AMJGB	5962-9555202QPA	TMC2301 (GEN)	5962-8971502YA	MUX-24A (GEN)	5962-8771801EA
TLC2272AMUB	5962-9555202QHA	LMX2305WG/BXA	5962-9855003QXA	MUX-24B (GEN)	5962-8771802EA
TLC2272MDQ	5962-9555201NXD	APT6040DN (GEN)	5962-0150301DXA	ACS240 (GEN)	5962F9854001V9A
TLC2272MFKB	5962-9555201Q2A	APT5020DN (GEN)	5962-0150401DXA	ACS240 (GEN)	5962F9854001VRC
TLC2272MJGB	5962-9555201QPA	CLC231A (GEN)	5962-8959401XA	ACS240 (GEN)	5962F9854001VXC
TLC2272MUB	5962-9555201QHA	MAX231 (GEN)	5962-8987703CA	ACTS240 (GEN)	5962R9671701TRC
TLC2274AMFKB	5962-9318202Q2A	TMC2310V (GEN)	5962-9096301MXA	ACTS240 (GEN)	5962R9671701TXC
TLC2274AMJB	5962-9318202QCA	TMC2310V (GEN)	5962-9096301MYA	ACTS240DMSR	5962F9671701VRC
TLC2274AMWB	5962-9318202QDA	TMC2310V1 (GEN)	5962-9096302MXA	ACTS240HMSR	5962F9671701V9A
TLC2274MFKB	5962-9318201M2A	TMC2310V1 (GEN)	5962-9096302MYA	ACTS240KMSR	5962F9671701VXC
TLC2274MJB	5962-9318201MCA	LMX2315WG/BXA	5962-9855001QXA	HCS240 (GEN)	5962R9580901V9A
TLC2274MWB	5962-9318201QDA	232 (GEN)	5962-8987701XA	HCS240DMSR	5962R9580901VRC
RHFLVDS2281D2V	5962F1423401V9A	CLC232A (GEN)	5962-9166501HXA	HCS240KMSR	5962R9580901VXC
RHFLVDS2281K01V	5962F1423401VXC	MAX232AMJE/883B	5962-9456503MEA	HCTS240A (GEN)	5962R9577201V9A
MAX230 (GEN)	5962-8987702RA	MAX232AML/883B	5962-9456503M2C	HCTS240A (GEN)	5962R9577201VRC
HX2300	5962H96B0303Q6C	MAX232MJE/883B	5962-8987701EA	HCTS240A (GEN)	5962R9577201VXC
HX2300	5962H96B0303Q7C	MAX232MLP/883B	5962-89877012C	HA-2400 (GEN)	5962-87783012A
HX2300	5962H96B0303QM	LMX2325 (GEN)	5962-9855002QXA	HA-2400 (GEN)	5962-8778301EA
HX2300	5962H96B0303QN	TMC2330 (GEN)	5962-9233101MXA	HS-2400 (GEN)	5962D9568401VEC
HX2300	5962H96B0303V6C	TMC2330 (GEN)	5962-9233101MYA	HX2400	5962H96B0304Q5C
HX2300	5962H96B0303V7C	TMC2330 (GEN)	5962-9233102MXA	HX2400	5962H96B0304QTC
HX2300	5962H96B0303VM	TMC2330 (GEN)	5962-9233102MYA	HX2400	5962H96B0304V5C
HX2300	5962H96B0303VNC	MAX234 (GEN)	5962-8987704EA	HX2400	5962H96B0304VTC
HX2300	5962H97B0303QXC	HR2340	5962H94A0303Q*C	HX2400	5962H97B0304QXC
HX2300	5962H97B0303QZC	HR2340	5962H94A0303V*C	HX2400	5962H97B0304QZC
HX2300	5962H97B0303VXC	HR2340 (GEN)	5962H99B0203QXC	HX2400	5962H97B0304VTC
HX2300	5962H97B0303VZC	HR2340 (GEN)	5962H99B0203VXC	HX2400	5962H97B0304VXC
HX2300R	5962H96B0308Q6C	TLV2352M (GEN)	5962-9688101Q2A	HX2400	5962H97B0304VZC
HX2300R	5962H96B0308Q7C	TLV2352M (GEN)	5962-9688101QHA	HX2400R	5962H96B0309Q5C
HX2300R	5962H96B0308QM	TLV2352MJGB	5962-9688101QPA	HX2400R	5962H96B0309QTC
HX2300R	5962H96B0308QN	TLV2354MFKB	5962-9688201Q2A	HX2400R	5962H96B0309V5C
HX2300R	5962H96B0308V6C	TLV2354MJB	5962-9688201QCA	HX2400R	5962H96B0309VTC
HX2300R	5962H96B0308V7C	TLV2354MWB	5962-9688201QDA	HX2400r	5962H97B0309QN
HX2300R	5962H96B0308VM	AS5C2568EC-45L/883C	5962-8855209MA	HX2400r	5962H97B0309VNA
HX2300R	5962H96B0308VNC	MAX236 (GEN)	5962-8987705JA	ACTS240-02 (GEN)	5962F9671702V9A
HX2300r	5962H97B0308QTC	MG2360	5962-00B0214Q*C	ACTS240-02 (GEN)	5962F9671702VRC
HX2300r	5962H97B0308VTC	MG2360E	5962-00B0206Q*C	ACTS240-02 (GEN)	5962F9671702VXC
XQ2V3000-4 (GEN)	5962-0253001QZC	MG2360E	5962-00B0206V*C	ACTS240-02 (GEN)	5962R9671702TRC
GEM23001Q2A	85508012A	MG2M360	5962-00B0228Q*C	ACTS240-02 (GEN)	5962R9671702TXC
GEM23001Q2C	85508012C	MG2M360E	5962-00B0221Q*C	ARX2402 (GEN)	5962-8604903YA
GEM23001QEA	8550801EA	MG2M360E	5962-00B0221V*C	ARX2402 (GEN)	5962-8604903YC
GEM23001QEC	8550801EC	MM0-G2360*MQ	5962-00B0214Q9A	24C04 (GEN)	5962-8959001PA
GEM23001QFA	8550801FA	MM0-G2360EH*MQ	5962-00B0206Q9A	HCS241 (GEN)	5962R9581001V9A
GEM23001QFC	8550801FC	MM0-G2M360*MQ	5962-00B0228Q9A	HCS241 (GEN)	5962R9581001VRC
SL54LS353/B2A	85508012A	MM0-G2M360EH*MQ	5962-00B0221Q9A	HCS241 (GEN)	5962R9581001VXC
SL54LS353/BEA	8550801EA	SM0-G2360EH*SV	5962-00B0206V9A	ARX2410 (GEN)	5962-9063603HXA
SL54LS353/BFA	8550801FA	SM0-G2M360EH*SV	5962-00B0221V9A	ARX2411 (GEN)	5962-8757903XA
LF2301-55 (GEN)	5962-8971503XA	MAX237 (GEN)	5962-8987706JA	ARX2411 (GEN)	5962-8757903YA
LF2301-55 (GEN)	5962-8971503YA	OP-237A (GEN)	5962-9056801CA	24C16 (GEN)	5962-8966701PA
TMC2301 (GEN)	5962-8971501XC	OP-237C (GEN)	5962-9056802CA	MAX242 (GEN)	5962-9456504M2C

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MAX242 (GEN)	5962-9456504MVA	TLV2442M (GEN)	5962-9751101Q2A	TLV2460M (GEN)	5962-0051201Q2A
HA1-2420/883	8001601CA	TLV2442M (GEN)	5962-9751101QHA	TLV2460M (GEN)	5962-0051201QPA
HA-2420 (GEN)	80016012A	TLV2442M (GEN)	5962-9751101QPA	TLV2460MUB	5962-0051201QHA
HS1B-2420EH-Q	5962R9566902VCC	HA-2444 (GEN)	5962-9309501MEA	TLV2461AM (GEN)	5962-0051204Q2A
HS-2420 (GEN)	5962R9566901VCC	ACS245 (GEN)	5962F9670701VRC	TLV2461AM (GEN)	5962-0051204QHA
GEM24202Q2A	78015022A	ACS245 (GEN)	5962F9670701VXC	TLV2461AM (GEN)	5962-0051204QPA
GEM24202Q2C	78015022C	ACS245A (GEN)	5962F9670702VRC	TLV2461M (GEN)	5962-0051203Q2A
GEM24202QEA	7801502EA	ACS245A (GEN)	5962F9670702VXC	TLV2461M (GEN)	5962-0051203QPA
GEM24202QEC	7801502EC	ACTS245 (GEN)	5962F9671901V9A	TLV2461MUB	5962-0051203QHA
GEM24202QFA	7801502FA	ACTS245 (GEN)	5962F9671901VRC	TLV2462AMFKB	5962-0051206Q2A
GEM24202QFC	7801502FC	ACTS245 (GEN)	5962F9671901VXC	TLV2462AMJGB	5962-0051206QPA
TLV2422AM (GEN)	5962-9751402QHA	ACTS245 (GEN)	5962R9671901TRC	TLV2462AMUB	5962-0051206QHA
TLV2422AMFKB	5962-9751402Q2A	ACTS245 (GEN)	5962R9671901TXC	TLV2462M (GEN)	5962-0051205Q2A
TLV2422AMJGB	5962-9751402QPA	HCS245 (GEN)	5962R9679701V9A	TLV2462M (GEN)	5962-0051205QPA
TLV2422MFKB	5962-9751401Q2A	HCS245 (GEN)	5962R9679701VRC	TLV2462MUB	5962-0051205QHA
TLV2422MJGB	5962-9751401QPA	HCS245 (GEN)	5962R9679701VXC	TLV2463AM (GEN)	5962-0051208Q2A
TLV2422MUB	5962-9751401QHA	HCTS245 (GEN)	5962R9574501TRC	TLV2463AM (GEN)	5962-0051208QCA
TLE2425 (GEN)	5962-9555601Q2A	HCTS245 (GEN)	5962R9574501TXC	TLV2463M (GEN)	5962-0051207Q2A
TLE2425 (GEN)	5962-9555601QPA	HCTS245 (GEN)	5962R9574501VRC	TLV2463M (GEN)	5962-0051207QCA
TLE2426 (GEN)	5962-9555602Q2A	HCTS245 (GEN)	5962R9574501VXC	HS-248 (GEN)	5962R9672302QCC
TLE2426 (GEN)	5962-9555602QPA	IBMAP2-45 (GEN)	5962H9210601QZC	HS-248 (GEN)	5962R9672302QXC
MAX243 (GEN)	5962-9456505M2C	IBMAP2-45 (GEN)	5962H9210601VZC	HS-248 (GEN)	5962R9672302VCC
MAX243 (GEN)	5962-9456505MEA	GEM24501QJA	5962-9953201QJA	HS-248 (GEN)	5962R9672302VXC
TLV2432AM (GEN)	5962-9751002Q2A	GEM24501QJC	5962-9953201QJC	MG2480	5962-00B0215Q*C
TLV2432AM (GEN)	5962-9751002QHA	GEM24501QKA	5962-9953201QKA	MG2480E	5962-00B0207Q*C
TLV2432AM (GEN)	5962-9751002QPA	GEM24501QKC	5962-9953201QKC	MG2M480	5962-00B0229Q*C
TLV2432M (GEN)	5962-9751001Q2A	GEM24501QLA	5962-9953201QLA	MG2M480E	5962-00B0222Q*C
TLV2432M (GEN)	5962-9751001QHA	GEM24501QLC	5962-9953201QLC	MG2M480E	5962-00B0222V*C
TLV2432M (GEN)	5962-9751001QPA	ACS245-02 (GEN)	5962F9670703VRC	MM0-G2480*MQ	5962-00B0215Q9A
24X32B-0 (GEN)	5962-9683701MXC	ACS245-02 (GEN)	5962F9670703VXC	MM0-G2480EH*MQ	5962-00B0207Q9A
24X32B-1 (GEN)	5962-9683702MXC	ACS245A (GEN)	5962F9670704VRC	MM0-G2M480*MQ	5962-00B0229Q9A
ACS244-02 (GEN)	5962F9854101V9A	ACS245A (GEN)	5962F9670704VXC	MM0-G2M480EH*MQ	5962-00B0222Q9A
ACS244-02 (GEN)	5962F9854101VRC	ACTS245-02 (GEN)	5962F9671902V9A	SM0-G2M480EH*SV	5962-00B0222V9A
ACS244-02 (GEN)	5962F9854101VXC	ACTS245-02 (GEN)	5962F9671902VRC	OP249A (GEN)	5962-9151901MGA
ACTS244 (GEN)	5962F9671801VRC	ACTS245-02 (GEN)	5962F9671902VXC	OP249AE/883	5962-9151901M2A
ACTS244 (GEN)	5962F9671801VXC	ACTS245-02 (GEN)	5962R9671902TRC	OP249AZ/883	5962-9151901MPA
HCS244 (GEN)	5962R9573101TRC	ACTS245-02 (GEN)	5962R9671902TXC	UT25 (GEN)	5962R96B0209Q*C
HCS244 (GEN)	5962R9573101TXC	ARX2452-001-1	5962-8753502XC	UT25 (GEN)	5962R96B0209V*C
HCS244DMSR	5962R9573101VRC	ARX2452-001-2	5962-8753502XA	UT25 (GEN)	5962R96B0210Q*C
HCS244HMSR	5962R9573101V9A	ARX2452-202-1	5962-8753502YC	UT25 (GEN)	5962R96B0210V*C
HCS244KMSR	5962R9573101VXC	ARX2452-202-2	5962-8753502YA	UT25 (GEN)	5962R96B0211Q*C
HCTS244 (GEN)	5962R9574401TRC	HS-245 (GEN)	5962R9672201QCC	UT25 (GEN)	5962R96B0211V*C
HCTS244 (GEN)	5962R9574401TXC	HS-245 (GEN)	5962R9672201QXC	UT25 (GEN)	5962R96B0212Q*C
HCTS244 (GEN)	5962R9574401V9A	HS-245 (GEN)	5962R9672201VCC	UT25 (GEN)	5962R96B0212V*C
HCTS244 (GEN)	5962R9574401VRC	HS-245 (GEN)	5962R9672201VXC	UT25E/R (GEN)	5962H96B0201Q*A
HCTS244 (GEN)	5962R9574401VXC	HS-246 (GEN)	5962R9672301QCC	UT25E/R (GEN)	5962H96B0201V*A
ACTS244-02 (GEN)	5962F9671802V9A	HS-246 (GEN)	5962R9672301QXC	UT25E/R (GEN)	5962H96B0202Q*A
ACTS244-02 (GEN)	5962F9671802VRC	HS-246 (GEN)	5962R9672301VCC	UT25E/R (GEN)	5962H96B0202V*A
ACTS244-02 (GEN)	5962F9671802VXC	HS-246 (GEN)	5962R9672301VXC	UT25E/R (GEN)	5962H96B0203Q*A
TLV2442AM (GEN)	5962-9751102Q2A	TLV2460AM (GEN)	5962-0051202Q2A	UT25E/R (GEN)	5962H96B0203V*A
TLV2442AM (GEN)	5962-9751102QHA	TLV2460AM (GEN)	5962-0051202QHA	UT25E/R (GEN)	5962H96B0204Q*A
TLV2442AMJGB	5962-9751102QPA	TLV2460AM (GEN)	5962-0051202QPA	UT25E/R (GEN)	5962H96B0204V*A

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
UT25E/R (GEN)	5962H96B0205Q*A	QPV2500BQ-25DM/883	5962-9154506MQA	25S10/BFA	5962-8671801FA
UT25E/R (GEN)	5962H96B0205V*A	QPV2500BQ-25KM/883	5962-9154506MYA	HS-2510 (GEN)	5962D9568601VPC
UT25E/R_QCH	5962H97B0401QXC	QPV2500BQ-25LM/883	5962-9154506MXA	HS-2510 (GEN)	5962D9568601VXC
UT25E/R_QCH	5962H97B0402QXC	QPV2500H-25DM/883	5962-9154502MQA	251A161-127 (GEN)	5962R0822901QXA
UT25E/R_QCH	5962H97B0402QYA	QPV2500H-25KM/883	5962-9154502MYA	251A161-147 (GEN)	5962R0822902QXA
UT25E/R_QCH	5962H97B0402QZA	QPV2500H-25LM/883	5962-9154502MXA	251A161-347 (GEN)	5962R0822903QYA
UT25E/R_QCH	5962H97B0402QZC	V2500H (GEN)	5962-9154602MQA	251A161-357 (GEN)	5962R0822904QYA
UT25E/R_QCH	5962H97B0403QXC	V2500H (GEN)	5962-9154602MXA	251A161-367	5962R0822905QYA
UT25E/R_QCH	5962H97B0404QXC	V2500H (GEN)	5962-9154602MYA	CT-2512-001-1	5962-8753503XC
UT25E/R_QCH	5962H97B0405QXC	QPV2500BQL-30DM/88	5962-9154507MQA	CT-2512-001-2	5962-8753503XA
UT25E/R_VCH	5962H97B0401VXC	QPV2500BQL-30KM/88	5962-9154507MYA	CT-2512-201-1	5962-8753503ZC
UT25E/R_VCH	5962H97B0402VXC	QPV2500BQL-30LM/88	5962-9154507MXA	CT-2512-201-2	5962-8753503ZA
UT25E/R_VCH	5962H97B0402VYA	QPV2500L-30DM/883	5962-9154503MQA	25S18/B2A	5962-86715012A
UT25E/R_VCH	5962H97B0402VZA	QPV2500L-30KM/883	5962-9154503MYA	25S18/BEA	5962-8671501EA
UT25E/R_VCH	5962H97B0402VZC	QPV2500L-30LMB/883	5962-9154503MXA	25S18/BFA	5962-8671501FA
UT25E/R_VCH	5962H97B0403VXC	QPV2500H-35DM/883	5962-9154501MQA	HA 2520 (GEN)	5962-89880022A
UT25E/R_VCH	5962H97B0404VXC	QPV2500H-35KM/883	5962-9154501MYA	HA2-2520/883	5962-8988002GC
UT25E/R_VCH	5962H97B0405VXC	QPV2500H-35LM/883	5962-9154501MXA	HA-2520 (GEN)	5962-8988002PA
RTAX250S-CG624B	5962-0421901QUA	V2500H (GEN)	5962-9154601MQA	HS-2520 (GEN)	5962D9568501V9A
RTAX250S-CG624E	5962-0421903QUA	V2500H (GEN)	5962-9154601MXA	HS-2520 (GEN)	5962D9568501VGA
RTAX250S-CG624V	5962-0421901VUA	V2500H (GEN)	5962-9154601MYA	HS-2520 (GEN)	5962D9568501VPC
RTAX250S-CQ208B	5962-0421901QYC	V2500L (GEN)	5962-9154603MQA	UT025RHD20	5962-04B0202Q*C
RTAX250S-CQ208E	5962-0421903QYC	RTAX250S-1CG624B	5962-0421902QUA	UT025RHD20	5962F04B0202V*C
RTAX250S-CQ208V	5962-0421901VYC	RTAX250S-1CG624E	5962-0421904QUA	CT2521 (GEN)	5962-8952205UA
RTAX250S-CQ352B	5962-0421901QXC	RTAX250S-1CG624V	5962-0421902VUA	CT2521 (GEN)	5962-8952205ZA
RTAX250S-CQ352E	5962-0421903QXC	RTAX250S-1CQ208B	5962-0421902QYC	HA-2522 (GEN)	5962-89880012A
RTAX250S-CQ352V	5962-0421901VXC	RTAX250S-1CQ208E	5962-0421904QYC	HA-2522 (GEN)	5962-8988001GC
RTAX250SL-CG624B	5962-0421905QUA	RTAX250S-1CQ208V	5962-0421902VYC	HA-2522 (GEN)	5962-8988001PA
RTAX250SL-CG624E	5962-0421907QUA	RTAX250S-1CQ352B	5962-0421902QXC	SL2524 (GEN)	5962-9231501M2C
RTAX250SL-CG624V	5962-0421905VUA	RTAX250S-1CQ352E	5962-0421904QXC	25S240 (GEN)	5962-8672401RA
RTAX250SL-CQ208B	5962-0421905QYC	RTAX250S-1CQ352V	5962-0421902VXC	25S240 (GEN)	5962-8672401SA
RTAX250SL-CQ208E	5962-0421907QYC	RTAX250S-1LG624B	5962-0421902QZC	25S241 (GEN)	5962-8672501RA
RTAX250SL-CQ208V	5962-0421905VYC	RTAX250S-1LG624E	5962-0421904QZC	25S241 (GEN)	5962-8672501SA
RTAX250SL-CQ352B	5962-0421905QXC	RTAX250S-1LG624V	5962-0421902VZC	25S244 (GEN)	5962-8753601RA
RTAX250SL-CQ352E	5962-0421907QXC	RTAX250SL-1CG624B	5962-0421906QUA	25S244 (GEN)	5962-8753601SA
RTAX250SL-CQ352V	5962-0421905VXC	RTAX250SL-1CG624E	5962-0421908QUA	25LS2521/B2A	5962-86713012A
RTAX250SL-LG624B	5962-0421901QZC	RTAX250SL-1CG624V	5962-0421906VUA	25LS2521/BRA	5962-8671301RA
RTAX250SL-LG624E	5962-0421903QZC	RTAX250SL-1CQ208B	5962-0421906QYC	25LS2521/BSA	5962-8671301SA
RTAX250SL-LG624V	5962-0421901VZC	RTAX250SL-1CQ208E	5962-0421908QYC	25LS2569/B2A	5962-87544012A
RTAX250SL-LG624B	5962-0421905QZC	RTAX250SL-1CQ208V	5962-0421906VYC	25LS2569/BRA	5962-8754401RA
RTAX250SL-LG624E	5962-0421907QZC	RTAX250SL-1CQ352B	5962-0421906QXC	25LS2569/BSA	5962-8754401SA
RTAX250SL-LG624V	5962-0421905VZC	RTAX250SL-1CQ352E	5962-0421908QXC	HA-2529 (GEN)	5962-89721012A
UT250 (GEN)	5962R96B0217Q*C	RTAX250SL-1CQ352V	5962-0421906VXC	HA-2529 (GEN)	5962-8972101GC
UT250 (GEN)	5962R96B0217V*C	RTAX250SL-1LG624B	5962-0421906QZC	HA-2529 (GEN)	5962-8972101PA
V2500L (GEN)	5962-9154603MXA	RTAX250SL-1LG624E	5962-0421908QZC	25LS299 (GEN)	7802402RA
V2500L (GEN)	5962-9154603MYA	RTAX250SL-1LG624V	5962-0421906VZC	25LS299 (GEN)	7802402SA
QPV2500B-15DM/883	5962-9154504MQA	UT025RHD05	5962-04B0201Q*C	HCS253 (GEN)	5962R9579001V9A
QPV2500B-15KM/883	5962-9154504MYA	UT025RHD05	5962F04B0201V*C	HCS253 (GEN)	5962R9579001VEC
QPV2500B-15LM/883	5962-9154504MXA	25S09/BEA	5962-8672801EA	HCS253 (GEN)	5962R9579001VXC
QPV2500BL-20DM/883	5962-9154505MQA	25S09/BFA	5962-8672801FA	UT025RHD30	5962-04B0203Q*C
QPV2500BL-20KM/883	5962-9154505MYA	25S10/B2A	5962-86718012A	UT025RHD30	5962F04B0203V*C
QPV2500BL-20LM/883	5962-9154505MXA	25S10/BEA	5962-8671801EA	ACS253 (GEN)	5962F9800701V9A

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
ACS253 (GEN)	5962F9800701VEC	CT2555-001-2	5962-8869203XA	CT2565-202-1	5962-8858502YC
ACS253 (GEN)	5962F9800701VXC	CT2555-003-1	5962-8869205XC	CT2565-202-2	5962-8858502YA
HA-2539 (GEN)	5962-87787012A	CT2555-003-2	5962-8869205XA	CT2566-001-1	5962-8858602XC
HA-2539 (GEN)	5962-8778701CA	CT2555-201-1	5962-8869203YC	CT2566-001-2	5962-8858602XA
25LS399 (GEN)	5962-8670801EA	CT2555-201-2	5962-8869203YA	CT2566-002-1	5962-8858603XC
25LS399 (GEN)	5962-8670801FA	HA-2556 (GEN)	5962-9472901QEA	CT2566-002-2	5962-8858603XA
HA2540 (GEN)	5962-89648012A	LOR2561C-40 (GEN)	5962H9312803QXC	CT2566-201-1	5962-8858602YC
HA-2540 (GEN)	5962-8964801CA	LOR2561C-40 (GEN)	5962H9312803QYC	CT2566-201-2	5962-8858602YA
GEM25402BEA	5962-8969402EA	LOR2561C-40 (GEN)	5962H9312803QZC	CT2566-202-1	5962-8858603YC
GEM25402BEC	5962-8969402EC	LOR2561C-40 (GEN)	5962H9312803VXC	CT2566-202-2	5962-8858603YA
GEM25402BFA	5962-8969402FA	LOR2561C-40 (GEN)	5962H9312803VYC	WS256K8-100CQ	5962-9315702HXC
GEM25402BFC	5962-8969402FC	LOR2561C-40 (GEN)	5962H9312803VZC	WS256K8-100CQ	5962-9315702HYC
GEM25402BXA	5962-8969402XA	LOR2561T-40 (GEN)	5962H9312804QXA	WS256K8-100CQA	5962-9315702HXA
GEM25402BXC	5962-8969402XC	LOR2561T-40 (GEN)	5962H9312804QYA	WS256K8-100CQA	5962-9315702HYA
GEM25402BYA	5962-8969402YA	LOR2561T-40 (GEN)	5962H9312804VXA	WS256K8-120CQ	5962-9315701HXC
GEM25402BYC	5962-8969402YC	LOR2561T-40 (GEN)	5962H9312804VYA	WS256K8-120CQ	5962-9315701HYC
HA-2541 (GEN)	5962-8778501CA	LOR2561T-50 (GEN)	5962H9312805QXC	WS256K8-120CQA	5962-9315701HXA
HA-2541 (GEN)	5962-8778501XC	LOR2561T-50 (GEN)	5962H9312805QYC	WS256K8-120CQA	5962-9315701HYA
MSK2541-1B	5962-9083801HXC	LOR2561T-50 (GEN)	5962H9312805QZC	256K8-150 (GEN)	5962-9315502HXA
MSK2541-1B (GEN)	5962-9083801HXA	LOR2561T-50 (GEN)	5962H9312805VXC	256K8-150 (GEN)	5962-9315502HXC
MSK2541B	5962-9083803HXC	LOR2561T-50 (GEN)	5962H9312805VYC	WE-256K8-150CQ	5962-9315502HYA
OM2541S (GEN)	5962-9083801HYA	LOR2561T-50 (GEN)	5962H9312805VZC	WE-256K8-150CQ	5962-9315502HYC
OM2541S (GEN)	5962-9083802HXA	256K16-17 (GEN)	5962-9690204HMA	WS256K8-20CQ	5962-9315709HXC
CT2542-001-1	5962-8979803XC	256K16-17 (GEN)	5962-9690204HNA	WS256K8-20CQ	5962-9315709HYC
CT2542-001-2	5962-8979803XA	256K16-17 (GEN)	5962-9690204HTA	WS256K8-20CQA	5962-9315709HXA
CT2542-201-1	5962-8979803YC	256K16-20 (GEN)	5962-9690203HMA	WS256K8-20CQA	5962-9315709HYA
CT2542-201-2	5962-8979803YA	256K16-20 (GEN)	5962-9690203HNA	256K8-200 (GEN)	5962-9315501HXA
HA2-2542/883	5962-8964301XA	256K16-20 (GEN)	5962-9690203HTA	256K8-200 (GEN)	5962-9315501HXC
HA2-2542/883	5962-8964301XC	256K16-25 (GEN)	5962-9690202HMA	WE-256K8-200CQ	5962-9315501HYA
CT2543-001-1	5962-8979804XC	256K16-25 (GEN)	5962-9690202HNA	WE-256K8-200CQ	5962-9315501HYC
CT2543-001-2	5962-8979804XA	256K16-25 (GEN)	5962-9690202HTA	WS256K8-25CQ	5962-9315708HXC
CT2543-201-2	5962-8979804YA	256K16-35 (GEN)	5962-9690201HMA	WS256K8-25CQ	5962-9315708HYC
CT2543-201-2	5962-8979804YC	256K16-35 (GEN)	5962-9690201HNA	WS256K8-25CQA	5962-9315708HXA
TLC2543MJB	5962-9688601QRA	256K16-35 (GEN)	5962-9690201HTA	WS256K8-25CQA	5962-9315708HYA
HA-2544 (GEN)	5962-89502012A	LOR2561C-60 (GEN)	5962H9312801QXC	2568C30 (GEN)	5962H9215313QNC
HA-2544 (GEN)	5962-8950201GC	LOR2561C-60 (GEN)	5962H9312801QYC	2568C30 (GEN)	5962H9215313QXC
HA-2544 (GEN)	5962-8950201PA	LOR2561C-60 (GEN)	5962H9312801QZC	2568C30 (GEN)	5962H9215313QYC
HA-2546 (GEN)	5962-9325101M2A	LOR2561C-60 (GEN)	5962H9312801VXC	2568C30 (GEN)	5962H9215313VNC
HA-2546 (GEN)	5962-9325101MEA	LOR2561C-60 (GEN)	5962H9312801VYC	2568C30 (GEN)	5962H9215313VXC
HA-2548 (GEN)	5962-9673701QGC	LOR2561C-60 (GEN)	5962H9312801VZC	2568C30 (GEN)	5962H9215313VYC
HA-2548 (GEN)	5962-9673701QPC	LOR2561T-60 (GEN)	5962H9312802QXC	2568T30 (GEN)	5962H9215314QNC
TLV2548 (GEN)	5962-9957001QRA	LOR2561T-60 (GEN)	5962H9312802QYC	2568T30 (GEN)	5962H9215314QXC
TLV2548MFKB	5962-9957001Q2A	LOR2561T-60 (GEN)	5962H9312802QZC	2568T30 (GEN)	5962H9215314QYC
CT2553-001-1	5962-8869201XC	LOR2561T-60 (GEN)	5962H9312802VXC	2568T30 (GEN)	5962H9215314VNC
CT2553-001-2	5962-8869201XA	LOR2561T-60 (GEN)	5962H9312802VYC	2568T30 (GEN)	5962H9215314VXC
CT2553-201-1	5962-8869201YC	LOR2561T-60 (GEN)	5962H9312802VZC	2568T30 (GEN)	5962H9215314VYC
CT2553-201-2	5962-8869201YA	CT2565-001-1	5962-8858501XC	LMP2568T3V-Q10X	5962G0250201QXC
CT2554-001-1	5962-8869202XC	CT2565-001-2	5962-8858501XA	LMP2568T3V-V10X	5962G0250201VXC
CT2554-001-2	5962-8869202XA	CT2565-002-1	5962-8858502XC	WS256K8-35CQ	5962-9315707HXC
CT2554-201-1	5962-8869202YC	CT2565-002-2	5962-8858502XA	WS256K8-35CQ	5962-9315707HYC
CT2554-201-2	5962-8869202YA	CT2565-201-1	5962-8858501YC	WS256K8-35CQA	5962-9315707HXA
CT2555-001-1	5962-8869203XC	CT2565-201-2	5962-8858501YA	WS256K8-35CQA	5962-9315707HYA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
2568C40 (GEN)	5962H9215303QNC	WS256K8-85CQ	5962-9315703HXC	26LS31 (GEN)	5962F7802301MEA
2568C40 (GEN)	5962H9215303QXC	WS256K8-85CQ	5962-9315703HYC	26LS31 (GEN)	5962F7802301MFA
2568C40 (GEN)	5962H9215303QYC	WS256K8-85CQA	5962-9315703HXA	26LS31 (GEN)	5962F7802301Q2A
2568C40 (GEN)	5962H9215303QZA	WS256K8-85CQA	5962-9315703HYA	26LS31 (GEN)	5962F7802301VEA
2568C40 (GEN)	5962H9215303VNC	ACS257 (GEN)	5962F9800801V9A	26LS31 (GEN)	5962F7802301VFA
2568C40 (GEN)	5962H9215303VXC	ACS257 (GEN)	5962F9800801VEC	26LS31 (GEN)	78023012A
2568C40 (GEN)	5962H9215303VYC	ACS257 (GEN)	5962F9800801VXC	26LS31 (GEN)	7802301EA
2568C40 (GEN)	5962H9215303VZA	LM2595J-ADJ (GEN)	5962-9650401QEA	26LS31 (GEN)	7802301FA
2568T40 (GEN)	5962H9215304QNC	LM2595J-12 (GEN)	5962-9650201QEA	26LS31/B2A	5962-7802301M2A
2568T40 (GEN)	5962H9215304QXC	LM2595J-3.3 (GEN)	5962-9687901QEA	26LS31/BEA	5962-7802301MEA
2568T40 (GEN)	5962H9215304QYC	LM2595J-5 (GEN)	5962-9650301QEA	26LS31/BFA	5962-7802301MFA
2568T40 (GEN)	5962H9215304QZA	OP260A (GEN)	5962-90536012A	AM26C31	5962-9163901M2A
2568T40 (GEN)	5962H9215304VNC	OP260A (GEN)	5962-9053601GA	AM26C31	5962-9163901MEA
2568T40 (GEN)	5962H9215304VXC	OP260A (GEN)	5962-9053601PA	AM26C31	5962-9163901MFA
2568T40 (GEN)	5962H9215304VYC	HS-2600 (GEN)	5962D9567101VPC	AM26C31MFKB	5962-9163901Q2A
2568T40 (GEN)	5962H9215304VZA	26S02/BEA	5962-8766201EA	AM26C31MJB	5962-9163901QEA
WS256K8-45CQ	5962-9315706HXC	26S02/BFA	5962-8766201FA	AM26C31MWB	5962-9163901QFA
WS256K8-45CQ	5962-9315706HYC	26S10/B2A	5962-86720012A	AM26LS31M	5962-7802301Q2A
WS256K8-45CQA	5962-9315706HXA	26S10/BEA	5962-8672001EA	AM26LS31MFKB	5962-7802301M2A
WS256K8-45CQA	5962-9315706HYA	26S10/BFA	5962-8672001FA	AM26LS31MJB	5962-7802301MEA
LMP2568C-Q45X	5962R9689101QXC	26S12A/B2A	5962-87534022A	AM26LS31MWB	5962-7802301MFA
LMP2568C-V45X	5962R9689101VXC	26S12A/BEA	5962-8753402EA	DS26C31ME/883	5962-9163901M2A
LMP2568T-Q45X	5962R9689102QXC	26S12A/BFA	5962-8753402FA	DS26C31MJ/883	5962-9163901MEA
LMP2568T-V45X	5962R9689102VXC	HS-2620 (GEN)	5962D9568801VGA	DS26C31MW/883	5962-9163901MFA
BAEP2568C-Q50X	5962R9689111QXC	HS-2620 (GEN)	5962D9568801VPC	DS26F31ME/883	5962-7802302M2A
BAEP2568C-V50X	5962R9689111VXC	HS-2622 (GEN)	5962D9568802VGC	DS26F31MW/883	5962-7802302MFA
BAEP2568T-Q50X	5962R9689112QXC	HS-2622 (GEN)	5962D9568802VPC	DS26F31MWFQMLV	5962F7802302VFA
BAEP2568T-V50X	5962R9689112VXC	26LS29/BEA	5962-8767001EA	DS26LS31MJ-SMD	5962-7802301MEA
MT5C2568F-55/883C	5962-8866203TA	26LS29/BFA	5962-8767001FA	DS26LV31W-QML	5962-9858401QFA
WS256K8-55CQ	5962-9315705HXC	26LS30/B2A	5962-86721012A	HS0-26C31EH-Q	5962F9666303V9A
WS256K8-55CQ	5962-9315705HYC	26LS30/BEA	5962-8672101EA	HS0-26C31RH-Q	5962F9666301V9A
WS256K8-55CQA	5962-9315705HXA	26LS30/BFA	5962-8672101FA	HS0-26CLV31EH-Q	5962F9666304V9A
WS256K8-55CQA	5962-9315705HYA	QP26LS30/B2A	5962-86721012A	HS0-26CLV31RH-Q	5962F9666302V9A
2568C60 (GEN)	5962H9215301QNC	QP26LS30/BEA	5962-8672101EA	HS0-26CT31EH-Q	5962F9563202V9A
2568C60 (GEN)	5962H9215301QXC	QP26LS30/BFA	5962-8672101FA	HS0-26CT31RH-Q	5962F9563201V9A
2568C60 (GEN)	5962H9215301QYC	26C31 (GEN)	5962-9163901MXA	HS1-26C31EH-Q	5962F9666303VEC
2568C60 (GEN)	5962H9215301VNC	26C31 (GEN)	5962D9666301QEA	HS1-26C31RH-8	5962F9666301QEC
2568C60 (GEN)	5962H9215301VXC	26C31 (GEN)	5962D9666301QXA	HS1-26C31RH-Q	5962F9666301VEC
2568C60 (GEN)	5962H9215301VYC	26C31 (GEN)	5962D9666301VEA	HS1-26C31RH-T	5962R9666301TEC
2568T60 (GEN)	5962H9215302QNC	26C31 (GEN)	5962D9666301VXA	HS1-26CLV31EH-Q	5962F9666304VEC
2568T60 (GEN)	5962H9215302QXC	26CT31 (GEN)	5962D9563201QEA	HS1-26CLV31RH-8	5962F9666302QEC
2568T60 (GEN)	5962H9215302QYC	26CT31 (GEN)	5962D9563201QXA	HS1-26CLV31RH-Q	5962F9666302VEC
2568T60 (GEN)	5962H9215302QZA	26CT31 (GEN)	5962D9563201VEA	HS1-26CLV31RH-T	5962R9666302TEC
2568T60 (GEN)	5962H9215302VNC	26CT31 (GEN)	5962D9563201VXA	HS1-26CT31EH-Q	5962F9563202VEC
2568T60 (GEN)	5962H9215302VXC	26F31 (GEN)	5962-7802302MEA	HS1-26CT31RH-Q	5962F9563201VEC
2568T60 (GEN)	5962H9215302VYC	26F31 (GEN)	5962-7802302MZA	HS1-26CT31RH-T	5962R9563201TEC
2568T60 (GEN)	5962H9215302VZA	26F31 (GEN)	5962-7802302VEA	HS9-26C31EH-Q	5962F9666303VXC
WS256K8-70CQ	5962-9315704HXC	26F31 (GEN)	5962-7802302VFA	HS9-26C31RH-8	5962F9666301QXC
WS256K8-70CQ	5962-9315704HYC	26F31 (GEN)	5962F7802302VEA	HS9-26C31RH-Q	5962F9666301VXC
WS256K8-70CQA	5962-9315704HXA	26F31 (GEN)	5962F7802302VZA	HS9-26C31RH-T	5962R9666301TXC
WS256K8-70CQA	5962-9315704HYA	26LS31 (GEN)	5962-7802301VEA	HS9-26CLV31EH-Q	5962F9666304VXC
SD256MX88 (GEN)	5962-0251801NXA	26LS31 (GEN)	5962-7802301VFA	HS9-26CLV31RH-8	5962F9666302QXC



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
HS9-26CLV31RH-Q	5962F9666302VXC	AM26C32MFKB	5962-9164001Q2A	HS9-26CLV32RH-T	5962R9568902TXC
HS9-26CLV31RH-T	5962R9666302TXC	AM26C32MJB	5962-9164001QEA	26LS33 (GEN)	78020022A
HS9-26CT31EH-Q	5962F9563202VXC	AM26C32MWB	5962-9164001QFA	26LS33 (GEN)	7802002EA
HS9-26CT31RH-Q	5962F9563201VXC	AM26LS32AMFKB	5962-7802003M2A	26LS33 (GEN)	7802002FA
HS9-26CT31RH-T	5962R9563201TXC	AM26LS32AMJB	5962-7802003MEA	26LS33/B2A	5962-7802002M2A
HS9G-26C31RH-Q	5962F9666301VYC	AM26LS32AMWB	5962-7802003MFA	26LS33/BEA	5962-7802002MEA
HS9G-26CLV31EH-Q	5962F9666304VYC	DS26C32AME/883	5962-9164001M2A	26LS33/BFA	5962-7802002MFA
HS9G-26CLV31RH-Q	5962F9666302VYC	DS26C32AMJ/883	5962-9164001MEA	26LS33A (GEN)	78020042A
HS9G-26CT31RH-Q	5962F9563201VYC	DS26C32AMW/883	5962-9164001MFA	26LS33A (GEN)	7802004EA
QP26LS31/B2A	5962-7802301M2A	DS26C32MWG/883	5962-9164001MXA	26LS33A (GEN)	7802004FA
QP26LS31/B2A	5962-7802301Q2A	DS26F32ME/883	5962-7802005M2A	AM26LS33AMFKB	5962-7802004M2A
QP26LS31/BEA	5962-7802301MEA	DS26F32MJRQMLV	5962R7802005VEA	AM26LS33AMJB	5962-7802004MEA
QP26LS31/BFA	5962-7802301MFA	DS26F32MW/883	5962-7802005MFA	AM26LS33AMWB	5962-7802004MFA
HS1-26CT31RH-8	5962F9563201QEC	DS26F32MWRQMLV	5962R7802005VFA	AM26LS33A-SP	5962-7802007VEA
HS9-26CT31RH-8	5962F9563201QXC	DS26LS32MJ/883	5962-7802006QEA	QP26LS33/B2A	5962-7802002M2A
DS26LS31ME-SMD	5962-7802301Q2A	DS26LV32AW-QML	5962-9858501QFA	QP26LS33/BEA	5962-7802002MEA
26C32 (GEN)	5962P9568901QEA	HS0-26C32EH-Q	5962F9568903V9A	QP26LS33/BFA	5962-7802002MFA
26C32 (GEN)	5962P9568901QXA	HS0-26C32RH-Q	5962F9568901V9A	26LS34/B2A	5962-87596012A
26C32 (GEN)	5962P9568901VEA	HS0-26CLV32EH-Q	5962F9568904V9A	26LS34/BEA	5962-8759601EA
26C32 (GEN)	5962P9568901VXA	HS0-26CLV32RH-Q	5962F9568902V9A	26LS34/BFA	5962-8759601FA
26CT32 (GEN)	5962P9563101QEA	HS0-26CT32EH-Q	5962F9563102V9A	2640 (GEN)	78003022A
26CT32 (GEN)	5962P9563101QXA	HS0-26CT32RH-Q	5962F9563101V9A	HA-2640 (GEN)	7800302GC
26CT32 (GEN)	5962P9563101VEA	HS1-26C32EH-Q	5962F9568903VEC	HA-2640 (GEN)	7800302PA
26CT32 (GEN)	5962P9563101VXA	HS1-26C32RH-8	5962F9568901QEC	GEM26401Q2A	5962-88577012A
26F32 (GEN)	5962-7802005MEA	HS1-26C32RH-Q	5962F9568901VEC	GEM26401Q2C	5962-88577012C
26F32 (GEN)	5962-7802005MZA	HS1-26CLV32EH-Q	5962F9568904VEC	GEM26401QEA	5962-8857701EA
26F32 (GEN)	5962-7802005VEA	HS1-26CLV32RH-8	5962F9568902QEC	GEM26401QEC	5962-8857701EC
26F32 (GEN)	5962-7802005VFA	HS1-26CLV32RH-Q	5962F9568902VEC	GEM26401QFA	5962-8857701FA
26F32 (GEN)	5962-7802005VZA	HS1-26CT32EH-Q	5962F9563102VEC	GEM26401QFC	5962-8857701FC
26F32 (GEN)	5962F7802005Q2A	HS1-26CT32RH-8	5962F9563101QEC	TLC2652AM (GEN)	5962-9089503M2A
26F32 (GEN)	5962F7802005QEA	HS1-26CT32RH-Q	5962F9563101VEC	TLC2652AM (GEN)	5962-9089503MGA
26F32 (GEN)	5962F7802005QFA	HS1-26CT32RH-T	5962R9563101TEC	TLC2652AMJB	5962-9089503MCA
26F32 (GEN)	5962F7802005VEA	HS9-26C32EH-Q	5962F9568903VXC	TLC2652AMJGB	5962-9089503MPA
26F32 (GEN)	5962F7802005VFA	HS9-26C32RH-8	5962F9568901QXC	TLC2652M (GEN)	5962-9089501BPA
26F32 (GEN)	5962R7802005Q2A	HS9-26C32RH-Q	5962F9568901VXC	TLC2652M (GEN)	5962-9089501M2A
26F32 (GEN)	5962R7802005QEA	HS9-26CLV32EH-Q	5962F9568904VXC	TLC2652M (GEN)	5962-9089501MCA
26F32 (GEN)	5962R7802005QFA	HS9-26CLV32RH-8	5962F9568902QXC	TLC2652M (GEN)	5962-9089501MGA
26F32 (GEN)	5962R7802005VZA	HS9-26CLV32RH-Q	5962F9568902VXC	TLC2652MJGB	5962-9089501MPA
26LS32 (GEN)	5962-7802006Q2A	HS9-26CT32EH-Q	5962F9563102VXC	TLC2654AM (GEN)	5962-9089504QCA
26LS32 (GEN)	5962-7802006QFA	HS9-26CT32RH-8	5962F9563101QXC	TLC2654AMFKB	5962-9089504Q2A
26LS32 (GEN)	78020012A	HS9-26CT32RH-Q	5962F9563101VXC	TLC2654AMJGB	5962-9089504QPA
26LS32 (GEN)	7802001EA	HS9-26CT32RH-T	5962R9563101TXC	TLC2654M (GEN)	5962-9089502BPA
26LS32 (GEN)	7802001FA	HS9G-26C32RH-Q	5962F9568901VYC	TLC2654M (GEN)	5962-9089502M2A
26LS32/B2A	5962-7802001M2A	HS9G-26CLV32EH-Q	5962F9568904VYC	TLC2654M (GEN)	5962-9089502MCA
26LS32/BEA	5962-7802001MEA	HS9G-26CLV32RH-Q	5962F9568902VYC	TLC2654M (GEN)	5962-9089502MGA
26LS32/BFA	5962-7802001MFA	HS9G-26CT32RH-Q	5962F9563101VYC	TLC2654M (GEN)	5962-9089502MPA
26LS32A (GEN)	78020032A	QP26LS32/B2A	5962-7802001M2A	ACPL-2672L	5962-0824203HEC
26LS32A (GEN)	7802003EA	QP26LS32/BEA	5962-7802001MEA	ACPL-2672L-100	5962-0824203HUA
26LS32A (GEN)	7802003FA	QP26LS32/BFA	5962-7802001MFA	ACPL-2672L-100	5962-0824203HUC
26LS32B/B2A	5962-87616012A	HS1-26C32RH-T	5962R9568901TEC	ACPL-2672L-200	5962-0824203HEA
26LS32B/BEA	5962-8761601EA	HS1-26CLV32RH-T	5962R9568902TEC	ACPL-2672L-300	5962-0824203HTA
26LS32B/BFA	5962-8761601FA	HS9-26C32RH-T	5962R9568901TXC	ACPL-268KL	5962-0824203KEC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
ACPL-268KL-100	5962-0824203KUA	HC2700SLCC/883B	85030013A	AHP27005SZ/CH	5962-0523201HZA
ACPL-268KL-100	5962-0824203KUC	HC2700UD/883B	8503002YA	AHP27005SZ/CH	5962-0523201HXC
ACPL-268KL-200	5962-0824203KEA	HC2700ULCC/883B	85030023A	MHP27005 (GEN)	5962-9477201HXA
ACPL-268KL-300	5962-0824203KTA	HS-2700 (GEN)	5962D9567002VCC	MHP27005 (GEN)	5962-9477201HXC
HCPL-268K	5962-9800101KEC	HS-2700 (GEN)	5962D9567002VGA	AFL27006SW/CH	5962-9553401HUA
2681 (GEN)	5962-8856601XA	MG2700E	5962-00B0208Q*C	AFL27006SW/CH	5962-9553401HUC
2681 (GEN)	5962-8856602QA	AFL27003.3SW/CH	5962-9955301HUA	AFL27006SX/CH	5962-9553401HXA
2681 (GEN)	5962-8856602UA	AFL27003.3SW/CH	5962-9955301HUC	AFL27006SX/CH	5962-9553401HXC
2681 (GEN)	5962-8856602YA	AFL27003.3SX/CH	5962-9955301HXA	AFL27006SY/CH	5962-9553401HYA
HCPL-268K#100	5962-9800101KUA	AFL27003.3SX/CH	5962-9955301HXC	AFL27006SY/CH	5962-9553401HYC
HCPL-268K#100	5962-9800101KUC	AFL27003.3SY/CH	5962-9955301HYA	AFL27006SZ/CH	5962-9553401HZA
HCPL-268K#200	5962-9800101KEA	AFL27003.3SY/CH	5962-9955301HYC	AFL27006SZ/CH	5962-9553401HXC
HCPL-268K#300	5962-9800101KTA	AFL27003.3SZ/CH	5962-9955301HZA	AFL27009SW/CH	5962-9553501HUA
2692/BQA	5962-8953202QA	AFL27003.3SZ/CH	5962-9955301HXC	AFL27009SW/CH	5962-9553501HUC
2692/BUA	5962-8953202UA	AHP27003R3SW/CH	5962-0523101HUA	AFL27009SX/CH	5962-9553501HXA
2692/BXA	5962-8953201XA	AHP27003R3SW/CH	5962-0523101HUC	AFL27009SX/CH	5962-9553501HXC
2692/BYA	5962-8953202YA	AHP27003R3SX/CH	5962-0523101HXA	AFL27009SY/CH	5962-9553501HYA
26C94 (GEN)	5962-9471001MXA	AHP27003R3SX/CH	5962-0523101HXC	AFL27009SY/CH	5962-9553501HYC
ACS27 (GEN)	5962F9863001V9A	AHP27003R3SY/CH	5962-0523101HYA	AFL27009SZ/CH	5962-9553501HZA
ACS27 (GEN)	5962F9863001VCC	AHP27003R3SY/CH	5962-0523101HYC	AFL27009SZ/CH	5962-9553501HXC
ACS27 (GEN)	5962F9863001VXC	AHP27003R3SZ/CH	5962-0523101HZA	2701 (GEN)	5962-9552701QJA
HCS27 (GEN)	5962R9578001V9A	AHP27003R3SZ/CH	5962-0523101HXC	2701 (GEN)	8503005CA
HCS27 (GEN)	5962R9578001VCC	AFL27005DW/CH	5962-9550101HUA	2701 (GEN)	8503006CA
HCS27 (GEN)	5962R9578001VXC	AFL27005DW/CH	5962-9550101HUC	27LS01 (GEN)	8602003EA
HCTS27 (GEN)	5962R9573401V9A	AFL27005DX/CH	5962-9550101HXA	27LS01 (GEN)	8602003FA
HCTS27 (GEN)	5962R9573401VCC	AFL27005DX/CH	5962-9550101HXC	27LS01A (GEN)	8602004EA
HCTS27 (GEN)	5962R9573401VXC	AFL27005DY/CH	5962-9550101HYA	27LS01A (GEN)	8602004FA
OP27AJ/QMLR	5962R9468002VGA	AFL27005DY/CH	5962-9550101HYC	HC2701SD/883B	8503005YA
OP27AL/QMLL	5962L9468003VHA	AFL27005DZ/CH	5962-9550101HZA	HC2701SLCC/883B	85030053A
OP27AL/QMLR	5962R9468002VHA	AFL27005DZ/CH	5962-9550101HXC	HC2701UD/883B	8503006YA
OP27ARC/QMLR	5962R9468002V2A	AFL27005SW/CH	5962-9456901HUA	HC2701ULCC/883B	85030063A
OP27AZ/QMLR	5962R9468002VPA	AFL27005SW/CH	5962-9456901HUC	27C010A-12 (GEN)	5962-8961406QXA
OP27B (GEN)	5962-9468001M2A	AFL27005SX/CH	5962-9456901HXA	27C010A-12 (GEN)	5962-8961406QYA
OP270A (GEN)	5962-88721012A	AFL27005SX/CH	5962-9456901HXC	27C010A-12 (GEN)	5962-8961420QXA
OP270A (GEN)	5962-8872101VDA	AFL27005SY/CH	5962-9456901HYA	AS27C010A-12ECAM	5962-8961420QYA
OP270AM/QMLL	5962L8872103VDA	AFL27005SY/CH	5962-9456901HYC	AT27C010L-12DMB	5962-8961406MXA
OP270AM/QMLR	5962R8872101VDA	AFL27005SZ/CH	5962-9456901HZA	AT27C010L-12DMB	5962-8961406XA
OP270ARC/QMLR	5962R8872101V2A	AFL27005SZ/CH	5962-9456901HXC	AT27C010L-12LMB	5962-8961406MYA
OP270ARC/QMLV	5962-8872101V2A	AHP27005DW/CHA	5962-0523501HUA	AT27C010L-12LMB	5962-8961406MYC
OP270AZ/883C	5962-8872101PA	AHP27005DW/CHC	5962-0523501HUC	AT27C010L-12LMB	5962-8961406YA
OP270AZ/QMLR	5962R8872101VPA	AHP27005DX/CHA	5962-0523501HXA	WS27C010L-12CMB	5962-8961406MYA
OP270AZ/QMLV	5962-8872101VPA	AHP27005DX/CHC	5962-0523501HXC	WS27C010L-12CMB	5962-8961406MYC
2700 (GEN)	8503001CA	AHP27005DY/CHA	5962-0523501HYA	WS27C010L-12DMB	5962-8961406MXA
2700 (GEN)	8503001XA	AHP27005DY/CHC	5962-0523501HYC	AT27C010L-12DMB	5962-8961411MXA
2700U (GEN)	8503002CA	AHP27005DZ/CHA	5962-0523501HZA	AT27C010L-12LMB	5962-8961411MYA
2700U (GEN)	8503002XC	AHP27005DZ/CHC	5962-0523501HXC	27C010A-15 (GEN)	5962-8961405QXA
27LS00/BEA	8602001EA	AHP27005SW/CH	5962-0523201HUA	27C010A-15 (GEN)	5962-8961405QYA
27LS00/BFA	8602001FA	AHP27005SW/CH	5962-0523201HUC	27C010A-15 (GEN)	5962-8961419QXA
27LS00A/BEA	8602002EA	AHP27005SX/CH	5962-0523201HXA	AS27C010A-15ECAM	5962-8961419QYA
27LS00A/BFA	8602002FA	AHP27005SX/CH	5962-0523201HXC	AT27C010L-15DMB	5962-8961405MXA
AD2700 (GEN)	8503002YA	AHP27005SY/CH	5962-0523201HYA	AT27C010L-15DMB	5962-8961405XA
HC2700SD/883B	8503001YA	AHP27005SY/CH	5962-0523201HYC	AT27C010L-15LMB	5962-8961405MYA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
AT27C010L-15LMB	5962-8961405MYC	27H010-70 (GEN)	5962-8961413QXA	AHP27015SY/CHA	5962-0523401HYA
AT27C010L-15LMB	5962-8961405YA	27H010-70 (GEN)	5962-8961413QYA	AHP27015SY/CHC	5962-0523401HYC
WS27C010L-15CMB	5962-8961405MYA	AT27C010L-90DMB	5962-8961412MXA	AHP27015SZ/CHA	5962-0523401HZA
WS27C010L-15CMB	5962-8961405MYC	AT27C010L-90LMB	5962-8961412MYA	AHP27015SZ/CHC	5962-0523401HXC
WS27C010L-15DMB	5962-8961405MXA	AFL27012DW/CH	5962-9951801HUA	MHP27015D (GEN)	5962-9556401HXA
AT27C010L-15DMB	5962-8961410MXA	AFL27012DW/CH	5962-9951801HUC	MHP27015D (GEN)	5962-9556401HXC
AT27C010L-15LMB	5962-8961410MYA	AFL27012DX/CH	5962-9951801HXA	MHP27015S (GEN)	5962-9556101HXA
27C010A-17 (GEN)	5962-8961404QYA	AFL27012DX/CH	5962-9951801HXC	MHP27015S (GEN)	5962-9556101HXC
27CT010-17 (GEN)	5962-8961404MZA	AFL27012DY/CH	5962-9951801HYA	AFL27018.2DW/CH	5962-9550201HUA
AS27C010A-17ECAM	5962-8961418QYA	AFL27012DY/CH	5962-9951801HYC	AFL27018.2DW/CH	5962-9550201HUC
AT27C010L-17DMB	5962-8961404MXA	AFL27012DZ/CH	5962-9951801HZA	AFL27018.2DX/CH	5962-9550201HXA
AT27C010L-17DMB	5962-8961404XA	AFL27012DZ/CH	5962-9951801HXC	AFL27018.2DX/CH	5962-9550201HXC
AT27C010L-17LMB	5962-8961404MYA	AFL27012SW/CH	5962-9475301HUA	AFL27018.2DY/CH	5962-9550201HYA
AT27C010L-17LMB	5962-8961404MYC	AFL27012SW/CH	5962-9475301HUC	AFL27018.2DY/CH	5962-9550201HYC
AT27C010L-17LMB	5962-8961404YA	AFL27012SX/CH	5962-9475301HXA	AFL27018.2DZ/CH	5962-9550201HZA
WS27C010L-17CMB	5962-8961404MYA	AFL27012SX/CH	5962-9475301HXC	AFL27018.2DZ/CH	5962-9550201HXC
WS27C010L-17CMB	5962-8961404MYC	AFL27012SY/CH	5962-9475301HYA	2702S (GEN)	8503003CA
WS27C010L-17DMB	5962-8961404MXA	AFL27012SY/CH	5962-9475301HYC	2702S (GEN)	8503003XA
27C010A-20 (GEN)	5962-8961403QXA	AFL27012SZ/CH	5962-9475301HZA	2702U (GEN)	8503004CA
27C010A-20 (GEN)	5962-8961403QYA	AFL27012SZ/CH	5962-9475301HXC	2702U (GEN)	8503004XA
27C010A-20 (GEN)	5962-8961417QXA	AHP27012SW/CH	5962-0523301HUA	27LS02 (GEN)	86051032A
AS27C010A-20ECAM	5962-8961417QYA	AHP27012SW/CH	5962-0523301HUC	27LS02 (GEN)	8605103EA
AT27C010L-20DMB	5962-8961403MXA	AHP27012SX/CH	5962-0523301HXA	27LS02 (GEN)	8605103FA
AT27C010L-20DMB	5962-8961403XA	AHP27012SX/CH	5962-0523301HXC	27S02 (GEN)	86051012A
AT27C010L-20LMB	5962-8961403MYA	AHP27012SY/CH	5962-0523301HYA	27S02 (GEN)	8605101EA
AT27C010L-20LMB	5962-8961403MYC	AHP27012SY/CH	5962-0523301HYC	27S02 (GEN)	8605101FA
AT27C010L-20LMB	5962-8961403YA	AHP27012SZ/CH	5962-0523301HZA	27S02A (GEN)	86051022A
WS27C010L-20CMB	5962-8961403MYA	AHP27012SZ/CH	5962-0523301HXC	27S02A (GEN)	8605102EA
WS27C010L-20CMB	5962-8961403MYC	MHP27012D (GEN)	5962-9556301HXA	27S02A (GEN)	8605102FA
WS27C010L-20DMB	5962-8961403MXA	MHP27012D (GEN)	5962-9556301HXC	AD2702S (GEN)	8503003YC
AT27C010L-25DMB	5962-8961402MXA	MHP27012S (GEN)	5962-9556001HXA	AD2702SD/883B	8503003YA
AT27C010L-25DMB	5962-8961402XA	MHP27012S (GEN)	5962-9556001HXC	AD2702UD/883B	8503004YA
AT27C010L-25LMB	5962-8961402MYA	AFL27015DW/CH	5962-9553201HUA	HC2702SD/883B	8503003YA
AT27C010L-25LMB	5962-8961402MYC	AFL27015DW/CH	5962-9553201HUC	HC2702SLCC/883B	85030033A
AT27C010L-25LMB	5962-8961402YA	AFL27015DX/CH	5962-9553201HXA	HC2702UD/883B	8503004YA
WS27C010L-25CMB	5962-8961402MYA	AFL27015DX/CH	5962-9553201HXC	HC2702ULCC/883B	85030043A
WS27C010L-25CMB	5962-8961402MYC	AFL27015DY/CH	5962-9553201HYA	AT27C020-150DM/883	5962-9091203MXA
WS27C010L-25DMB	5962-8961402MXA	AFL27015DY/CH	5962-9553201HYC	AT27C020-150LM/883	5962-9091203MYA
AT27C010L-30DMB	5962-8961401MXA	AFL27015DZ/CH	5962-9553201HZA	AT27C020-200DM/883	5962-9091202MXA
AT27C010L-30DMB	5962-8961401XA	AFL27015DZ/CH	5962-9553201HXC	AT27C020-200LM/883	5962-9091202MYA
AT27C010L-30LMB	5962-8961401MYA	AFL27015SW/CH	5962-9457001HUA	AT27C020-250DM/883	5962-9091201MXA
AT27C010L-30LMB	5962-8961401MYC	AFL27015SW/CH	5962-9457001HUC	AT27C020-250LM/883	5962-9091201MYA
AT27C010L-30LMB	5962-8961401YA	AFL27015SX/CH	5962-9457001HXA	27S02-20 (GEN)	86051072A
WS27C010L-30CMB	5962-8961401MYA	AFL27015SX/CH	5962-9457001HXC	27S02-20 (GEN)	8605107EA
WS27C010L-30CMB	5962-8961401MYC	AFL27015SY/CH	5962-9457001HYA	27S02-20 (GEN)	8605107FA
WS27C010L-30DMB	5962-8961401MXA	AFL27015SY/CH	5962-9457001HYC	AFL27025SW/CH	5962-9650101HUA
27H010-35 (GEN)	5962-8961416QXA	AFL27015SZ/CH	5962-9457001HZA	AFL27025SW/CH	5962-9650101HUC
27H010-35 (GEN)	5962-8961416QYA	AFL27015SZ/CH	5962-9457001HXC	AFL27025SX/CH	5962-9650101HXA
27H010-45 (GEN)	5962-8961415QXA	AHP27015SW/CHA	5962-0523401HUA	AFL27025SX/CH	5962-9650101HXC
27H010-45 (GEN)	5962-8961415QYA	AHP27015SW/CHC	5962-0523401HUC	AFL27025SY/CH	5962-9650101HYA
27H010-55 (GEN)	5962-8961414QXA	AHP27015SX/CHA	5962-0523401HXA	AFL27025SY/CH	5962-9650101HYC
27H010-55 (GEN)	5962-8961414QYA	AHP27015SX/CHC	5962-0523401HXC	AFL27025SZ/CH	5962-9650101HZA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
AFL27025SZ/CH	5962-9650101HZC	DG271 (GEN)	5962-86716022A	MC27128A-20/BYA	8202503YA
AHP27025SW/CH	5962-0623101HUA	DG271 (GEN)	5962-8671602EA	MR27128A-20/BZA	8202503ZA
AHP27025SW/CH	5962-0623101HUC	OP-271A (GEN)	5962-88721022A	27128-200 (GEN)	8202508YA
AHP27025SX/CH	5962-0623101HXA	OP-271A (GEN)	5962-8872102PA	27128-200 (GEN)	8202508ZA
AHP27025SX/CH	5962-0623101HXC	AT27C1024-12/QA	5962-8680506QA	27C128-200	5962-8766105XA
AHP27025SY/CH	5962-0623101HYA	AT27C1024-12/XA	5962-8680506XA	27C128-200	5962-8766105YA
AHP27025SY/CH	5962-0623101HYC	EV27C1024-12/QA	5962-8680506QA	QP27C128-200/XA	5962-8766105XA
AHP27025SZ/CH	5962-0623101HZA	EV27C1024-12/XA	5962-8680506XA	QP27C128-200/YA	5962-8766105YA
AHP27025SZ/CH	5962-0623101HZC	AT27C1024-15/QA	5962-8680505QA	MC27128A-25/BYA	8202505YA
AFL27028SW/CH	5962-9556501HUA	AT27C1024-15/XA	5962-8680505XA	MR27128A-25/BZA	8202505ZA
AFL27028SW/CH	5962-9556501HUC	EV27C1024-15/QA	5962-8680505QA	27128-250 (GEN)	8202502YA
AFL27028SX/CH	5962-9556501HXA	EV27C1024-15/XA	5962-8680505XA	27128-250 (GEN)	8202502ZA
AFL27028SX/CH	5962-9556501HXC	AT27C1024-17/QA	5962-8680504QA	27C128-250	5962-8766106XA
AFL27028SY/CH	5962-9556501HYA	AT27C1024-17/XA	5962-8680504XA	27C128-250	5962-8766106YA
AFL27028SY/CH	5962-9556501HYC	AT27C1024-17/XC	5962-8680504XC	QP27C128-250/XA	5962-8766106XA
AFL27028SZ/CH	5962-9556501HZA	EV27C1024-17/QA	5962-8680504QA	QP27C128-250/YA	5962-8766106YA
AFL27028SZ/CH	5962-9556501HZC	EV27C1024-17/XC	5962-8680504XC	MC27128A-30/BYA	8202504YA
MHP27028S (GEN)	5962-9556201HXA	AT27C1024-20/QA	5962-8680503QA	MR27128A-30/BZA	8202504ZA
MHP27028S (GEN)	5962-9556201HXC	AT27C1024-20/XA	5962-8680503XA	27128-300 (GEN)	8202509YA
27LS03/B2A	86051062A	EV27C1024-20/QA	5962-8680503QA	27128-300 (GEN)	8202509ZA
27LS03/BEA	8605106EA	EV27C1024-20/XA	5962-8680503XA	27C128-300	5962-8766107XA
27LS03/BFA	8605106FA	AT27C1024-25/QA	5962-8680502QA	27C128-300	5962-8766107YA
27S03/B2A	86051042A	AT27C1024-25/XA	5962-8680502XA	QP27C128-300/XA	5962-8766107XA
27S03/BEA	8605104EA	EV27C1024-25/QA	5962-8680502QA	QP27C128-300/YA	5962-8766107YA
27S03/BFA	8605104FA	EV27C1024-25/XA	5962-8680502XA	27128-450 (GEN)	8202501YA
27S03A/B2A	86051052A	AT27C1024-30/QA	5962-8680501QA	27128-450 (GEN)	8202501ZA
27S03A/BEA	8605105EA	AT27C1024-30/XA	5962-8680501XA	27C128-70	5962-8766108XA
27S03A/BFA	8605105FA	EV27C1024-30/QA	5962-8680501QA	27C128-70	5962-8766108YA
27S03-20/B2A	86051082A	EV27C1024-30/XA	5962-8680501XA	QP27C128-70/XA	5962-8766108XA
27S03-20/BEA	8605108EA	AT27HC1024-70/QA	5962-8680508QA	QP27C128-70/YA	5962-8766108YA
27S03-20/BFA	8605108FA	AT27HC1024-70/XA	5962-8680508XA	27C128-90	5962-8766101XA
27LS03-30/B2A	86051092A	AT27C1024-90/QA	5962-8680507QA	27C128-90	5962-8766101YA
27LS03-30/BEA	8605109EA	AT27C1024-90/XA	5962-8680507XA	QP27C128-90/XA	5962-8766101XA
27LS03-30/BFA	8605109FA	EV27C1024-90/QA	5962-8680507QA	QP27C128-90/YA	5962-8766101YA
27C040-12 (GEN)	5962-9175205MXA	EV27C1024-90/XA	5962-8680507XA	27S13/B2A	5962-88541022A
27C040-12 (GEN)	5962-9175205MYA	TLK2711-SP	5962-0522101VXC	27S13/BEA	5962-8854102EA
27C040-15 (GEN)	5962-9175204MXA	MC27128A-11/BYA	8202507YA	27S13/BFA	5962-8854102FA
27C040-15 (GEN)	5962-9175204MYA	MR27128A-11/BZA	8202507ZA	27S13A/B2A	5962-88541012A
27C040-17 (GEN)	5962-9175203MXA	27C128-120	5962-8766102XA	27S13A/BEA	5962-8854101EA
27C040-17 (GEN)	5962-9175203MYA	27C128-120	5962-8766102YA	27S13A/BFA	5962-8854101FA
27C040-20 (GEN)	5962-9175202MXA	QP27C128-120/XA	5962-8766102XA	MC2716M/BJA	7802201JA
27C040-20 (GEN)	5962-9175202MYA	QP27C128-120/YA	5962-8766102YA	27S19 (GEN)	5962-86703012A
27C040-25 (GEN)	5962-9175201MXA	MC27128A-15/BYA	8202506YA	27S19A (GEN)	5962-86703022A
27C040-25 (GEN)	5962-9175201MYA	MR27128A-15/BZA	8202506ZA	27PS191 (GEN)	5962-85526013A
UC2707 (GEN)	5962-8761902NXB	27C128-150	5962-8766103XA	27PS191 (GEN)	5962-8552601JA
UC2707 (GEN)	5962-8761902NYB	27C128-150	5962-8766103YA	27PS191 (GEN)	5962-8552601KA
27S07-20 (GEN)	78015052A	QP27C128-150/XA	5962-8766103XA	27PS191 (GEN)	5962-8552601XA
27S07-20 (GEN)	7801505EA	QP27C128-150/YA	5962-8766103YA	27PS191A (GEN)	5962-85526023A
27S07-20 (GEN)	7801505FA	27C128-170	5962-8766104XA	27PS191A (GEN)	5962-8552602JA
27LS07-30 (GEN)	78015062A	27C128-170	5962-8766104YA	27PS191A (GEN)	5962-8552602KA
27LS07-30 (GEN)	7801506EA	QP27C128-170/XA	5962-8766104XA	27PS191A (GEN)	5962-8552602XA
27LS07-30 (GEN)	7801506FA	QP27C128-170/YA	5962-8766104YA	TLC272 (GEN)	5962-89494012A



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
TLC272 (GEN)	5962-8949401HA	QP27C256-150/UA	5962-8606315UA	QP27C256-200/YA	5962-8606311YA
TLC272 (GEN)	5962-8949401PA	QP27C256-150/XA	5962-8606305XA	QP27C256-200/YC	5962-8606301YC
TLC27L2 (GEN)	5962-89494032A	QP27C256-150/XA	5962-8606315QXA	QP27C256-200/ZA	5962-8606301ZA
TLC27L2 (GEN)	5962-8949403HA	QP27C256-150/XA	5962-8606315XA	AT27C256R-25/UA	5962-8606302UA
TLC27L2 (GEN)	5962-8949403PA	QP27C256-150/YA	5962-8606305YA	AT27C256R-25/UA	5962-8606312UA
TLC27M2 (GEN)	5962-89494052A	QP27C256-150/YA	5962-8606315QYA	AT27C256R-25/XA	5962-8606302XA
TLC27M2 (GEN)	5962-8949405HA	QP27C256-150/YA	5962-8606315YA	AT27C256R-25/XA	5962-8606312XA
TLC27M2 (GEN)	5962-8949405PA	QP27C256-150/YC	5962-8606305YC	AT27C256R-25/YA	5962-8606302YA
27C2048 (GEN)	5962-9214003MQA	QP27C256-150/ZA	5962-8606305ZA	AT27C256R-25/YA	5962-8606312YA
27C2048 (GEN)	5962-9214003MXA	AT27C256R-17/UA	5962-8606304UA	AT27C256R-25/YC	5962-8606302YC
27C2048 (GEN)	5962-9214002MQA	AT27C256R-17/UA	5962-8606314UA	MC27256-25/BYA	8411102YA
27C2048 (GEN)	5962-9214002MXA	AT27C256R-17/XA	5962-8606304XA	MR27256-25/BZA	8411102ZA
27C2048 (GEN)	5962-9214001MQA	AT27C256R-17/XA	5962-8606314XA	WS27C256L-25CMB	5962-8606302YA
27C2048 (GEN)	5962-9214001MXA	AT27C256R-17/YA	5962-8606304YA	WS27C256L-25CMB	5962-8606302YC
82S129 (GEN)	5962-87788012A	AT27C256R-17/YA	5962-8606314YA	WS27C256L-25DMB	5962-8606302XA
27210 (GEN)	5962-8774401QA	AT27C256R-17/YC	5962-8606304YC	WS27C256L-25TMB	5962-8606302UA
27210 (GEN)	5962-8774402QA	MC27256-17/BYA	8411104YA	QP27C256-250/UA	5962-8606302UA
MOH0272C (GEN)	5962-8858201EA	MR27256-17/BZA	8411104ZA	QP27C256-250/UA	5962-8606312UA
MOH0272C (GEN)	5962-8858201FA	WS27C256L-17CMB	5962-8606304YA	QP27C256-250/XA	5962-8606302XA
MOH0272C (GEN)	5962-88582012A	WS27C256L-17CMB	5962-8606304YC	QP27C256-250/XA	5962-8606312QXA
AT27C256R-12/UA	5962-8606306UA	WS27C256L-17DMB	5962-8606304XA	QP27C256-250/XA	5962-8606312XA
AT27C256R-12/UA	5962-8606316UA	WS27C256L-17TMB	5962-8606304UA	QP27C256-250/YA	5962-8606302YA
AT27C256R-12/XA	5962-8606306XA	QP27C256-170/UA	5962-8606304UA	QP27C256-250/YA	5962-8606312QYA
AT27C256R-12/XA	5962-8606316XA	QP27C256-170/UA	5962-8606314UA	QP27C256-250/YA	5962-8606312YA
AT27C256R-12/YA	5962-8606306YA	QP27C256-170/XA	5962-8606304XA	QP27C256-250/YC	5962-8606302YC
AT27C256R-12/YA	5962-8606316YA	QP27C256-170/XA	5962-8606314QXA	QP27C256-250/YC	5962-8606302YC
AT27C256R-12/YA	5962-8606316YA	QP27C256-170/XA	5962-8606314XA	QP27C256-250/ZA	5962-8606302ZA
AT27C256R-12/YC	5962-8606306YC	QP27C256-170/XA	5962-8606314XA	27256-30 (GEN)	8411105YA
WS27C256L-12CMB	5962-8606306YA	QP27C256-170/YA	5962-8606304YA	AT27C256R-30/UA	5962-8606303UA
WS27C256L-12CMB	5962-8606306YC	QP27C256-170/YA	5962-8606314QYA	AT27C256R-30/UA	5962-8606313UA
WS27C256L-12DMB	5962-8606306XA	QP27C256-170/YA	5962-8606314YA	AT27C256R-30/XA	5962-8606303XA
QP27C256-120/UA	5962-8606306UA	QP27C256-170/YA	5962-8606304YC	AT27C256R-30/XA	5962-8606313XA
QP27C256-120/UA	5962-8606316UA	QP27C256-170/YC	5962-8606304ZA	AT27C256R-30/YA	5962-8606303YA
QP27C256-120/XA	5962-8606306XA	QP27C256-170/ZA	5962-8606301UA	AT27C256R-30/YA	5962-8606313YA
QP27C256-120/XA	5962-8606316QXA	AT27C256R-20/UA	5962-8606301UA	AT27C256R-30/YC	5962-8606303YC
QP27C256-120/XA	5962-8606316XA	AT27C256R-20/UA	5962-8606311UA	AT27C256R-30/YC	5962-8606303YC
QP27C256-120/XA	5962-8606316XA	AT27C256R-20/XA	5962-8606301XA	WS27C256L-30CMB	5962-8606303YA
QP27C256-120/YA	5962-8606306YA	AT27C256R-20/XA	5962-8606311XA	WS27C256L-30CMB	5962-8606303YC
QP27C256-120/YA	5962-8606316QYA	AT27C256R-20/XA	5962-8606301YA	WS27C256L-30DMB	5962-8606303XA
QP27C256-120/YA	5962-8606316YA	AT27C256R-20/YA	5962-8606301YA	WS27C256L-30DMB	5962-8606303UA
QP27C256-120/YA	5962-8606316YA	AT27C256R-20/YA	5962-8606311YA	WS27C256L-30TMB	5962-8606303UA
QP27C256-120/YC	5962-8606306YC	AT27C256R-20/YA	5962-8606301YC	QP27C256-300/UA	5962-8606303UA
QP27C256-120/YC	5962-8606306YC	AT27C256R-20/YC	5962-8606301YC	QP27C256-300/UA	5962-8606313UA
QP27C256-120/ZA	5962-8606306ZA	MC27256-20/BYA	8411103YA	QP27C256-300/UA	5962-8606303XA
AT27C256R-15/UA	5962-8606305UA	MR27256-20/BZA	8411103ZA	QP27C256-300/XA	5962-8606303XA
AT27C256R-15/UA	5962-8606315UA	WS27C256L-20CMB	5962-8606301YA	QP27C256-300/XA	5962-8606313QXA
AT27C256R-15/XA	5962-8606305XA	WS27C256L-20CMB	5962-8606301YC	QP27C256-300/XA	5962-8606313XA
AT27C256R-15/XA	5962-8606315XA	WS27C256L-20DMB	5962-8606301XA	QP27C256-300/YA	5962-8606303YA
AT27C256R-15/YA	5962-8606305YA	WS27C256L-20TMB	5962-8606301UA	QP27C256-300/YA	5962-8606313QYA
AT27C256R-15/YA	5962-8606315YA	QP27C256-200/UA	5962-8606301UA	QP27C256-300/YA	5962-8606313YA
AT27C256R-15/YC	5962-8606305YC	QP27C256-200/UA	5962-8606311UA	QP27C256-300/YC	5962-8606303YC
WS27C256L-15CMB	5962-8606305YA	QP27C256-200/XA	5962-8606301XA	QP27C256-300/YC	5962-8606303YC
WS27C256L-15CMB	5962-8606305YC	QP27C256-200/XA	5962-8606311QXA	QP27C256-300/ZA	5962-8606303ZA
WS27C256L-15DMB	5962-8606305XA	QP27C256-200/XA	5962-8606311XA	MC27256-35/BYA	8411101YA
WS27C256L-15TMB	5962-8606305UA	QP27C256-200/XA	5962-8606311XA	MR27256-35/BZA	8411101ZA
QP27C256-150/UA	5962-8606305UA	QP27C256-200/YA	5962-8606301YA	QP27C256-35/UA	5962-8606321QUA
QP27C256-150/UA	5962-8606305UA	QP27C256-200/YA	5962-8606311QYA	QP27C256-35/XA	5962-8606321QXA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
QP27C256-35/YA	5962-8606321QYA	QP27C256-90/XA	5962-8606317XA	X-27S37-032-EC-09	5962-04A0109QXA
AT27C256R-45/XA	5962-8606310XA	QP27C256-90/YA	5962-8606307YA	X-27S37-032-EC-10	5962-04A0110QXA
AT27C256R-45/YA	5962-8606310YA	QP27C256-90/YA	5962-8606317QYA	TLC274 (GEN)	5962-90604012A
AT27C256R-45/YC	5962-8606310YC	QP27C256-90/YA	5962-8606317YA	TLC274 (GEN)	5962-9060401CA
QP27C256-45/UA	5962-8606310UA	QP27C256-90/YC	5962-8606307YC	TLC274 (GEN)	5962-9060401DA
QP27C256-45/UA	5962-8606320QUA	QP27C256-90/ZA	5962-8606307ZA	TLC27L4 (GEN)	5962-90604052A
QP27C256-45/XA	5962-8606310XA	27S29 (GEN)	5962-87690012A	TLC27L4 (GEN)	5962-9060405CA
QP27C256-45/XA	5962-8606320QXA	27S29 (GEN)	5962-8769001RA	TLC27L4 (GEN)	5962-9060405DA
QP27C256-45/YA	5962-8606310YA	27S29 (GEN)	5962-8769001SA	TLC27M4 (GEN)	5962-90604032A
QP27C256-45/YA	5962-8606320QYA	27S29A (GEN)	5962-87690022A	TLC27M4 (GEN)	5962-9060403CA
QP27C256-45/YC	5962-8606310YC	27S29A (GEN)	5962-8769002RA	TLC27M4 (GEN)	5962-9060403DA
AT27C256R-55/UA	5962-8606309UA	27S29A (GEN)	5962-8769002SA	27S43A (GEN)	8200802XA
AT27C256R-55/UA	5962-8606319UA	27PS291 (GEN)	5962-8552603LA	27S45 (GEN)	5962-85527013A
AT27C256R-55/XA	5962-8606319XA	27PS291A (GEN)	5962-8552604LA	27S45 (GEN)	5962-8552701KA
AT27C256R-55/YA	5962-8606319YA	HCS273 (GEN)	5962R9579101V9A	27S45 (GEN)	5962-8552701LA
QP27C256-55/UA	5962-8606309UA	HCS273 (GEN)	5962R9579101VRC	27S45 (GEN)	5962-8552701XA
QP27C256-55/UA	5962-8606319UA	HCS273 (GEN)	5962R9579101VXC	27S45A (GEN)	5962-85527023A
QP27C256-55/XA	5962-8606309XA	HCTS273 (GEN)	5962R9576401V9A	27S45A (GEN)	5962-8552702KA
QP27C256-55/XA	5962-8606319QXA	HCTS273 (GEN)	5962R9576401VRC	27S45A (GEN)	5962-8552702LA
QP27C256-55/XA	5962-8606319XA	HCTS273 (GEN)	5962R9576401VXC	27S45A (GEN)	5962-8552702XA
QP27C256-55/YA	5962-8606309YA	27S31 (GEN)	7801601UA	27S47 (GEN)	5962-85527033A
QP27C256-55/YA	5962-8606319QYA	27S31A (GEN)	78016023A	27S47 (GEN)	5962-8552703KA
QP27C256-55/YA	5962-8606319YA	27S31A (GEN)	7801602JA	27S47 (GEN)	5962-8552703LA
QP27C256-55/YC	5962-8606309YC	27S31A (GEN)	7801602KA	27S47 (GEN)	5962-8552703XA
AT27C256R-70/UA	5962-8606308UA	27S31A (GEN)	7801602UA	27S47A (GEN)	5962-85527043A
AT27C256R-70/UA	5962-8606318UA	2732 (GEN)	8001201JA	27S47A (GEN)	5962-8552704KA
AT27C256R-70/XA	5962-8606308XA	MC2732A25/BJA	8001203JA	27S47A (GEN)	5962-8552704LA
AT27C256R-70/XA	5962-8606318XA	MC2732A45/BJA	8001204JA	27S47A (GEN)	5962-8552704XA
AT27C256R-70/YA	5962-8606308YA	27S35 (GEN)	5962-86706013A	27S49A (GEN)	8200902KA
AT27C256R-70/YA	5962-8606318YA	27S35 (GEN)	5962-8670601KA	27S49A (GEN)	8200902ZA
AT27C256R-70/YC	5962-8606308YC	27S35 (GEN)	5962-8670601LA	AS27C512-12ECAM	5962-8764804YA
QP27C256-70/UA	5962-8606308UA	27S35 (GEN)	5962-8670601XA	AS27C512-12ECAM	5962-8764811QYA
QP27C256-70/UA	5962-8606318UA	27S35A (GEN)	5962-86706023A	AS27C512-12JM	5962-8764804XA
QP27C256-70/XA	5962-8606308XA	27S35A (GEN)	5962-8670602KA	AS27C512-12JM	5962-8764811QXA
QP27C256-70/XA	5962-8606318QXA	27S35A (GEN)	5962-8670602LA	AT27C512R-12DM/883	5962-8764804XA
QP27C256-70/XA	5962-8606318XA	27S35A (GEN)	5962-8670602XA	AT27C512R-12KM/883	5962-8764804ZA
QP27C256-70/YA	5962-8606308YA	27S37 (GEN)	5962-86706033A	AT27C512R-12LM/883	5962-8764804YA
QP27C256-70/YA	5962-8606318QYA	27S37 (GEN)	5962-8670603KA	AS27C512-15ECAM	5962-8764801YA
QP27C256-70/YA	5962-8606318YA	27S37 (GEN)	5962-8670603LA	AS27C512-15ECAM	5962-8764812QYA
QP27C256-70/YC	5962-8606308YC	27S37 (GEN)	5962-8670603XA	AS27C512-15JM	5962-8764812QXA
QP27C256-70/ZA	5962-8606308ZA	27S37A (GEN)	5962-86706043A	AT27C512R-15DM/883	5962-8764801XA
AT27C256R-90/UA	5962-8606307UA	27S37A (GEN)	5962-8670604KA	AT27C512R-15KM/883	5962-8764801ZA
AT27C256R-90/UA	5962-8606317UA	27S37A (GEN)	5962-8670604LA	AT27C512R-15LM/883	5962-8764801YA
AT27C256R-90/XA	5962-8606307XA	27S37A (GEN)	5962-8670604XA	SMJ27C512-15JM	5962-8764801XA
AT27C256R-90/XA	5962-8606317XA	X-27S37-032-EC-01	5962-04A0101QXA	27512-20 (GEN)	5962-8513505YA
AT27C256R-90/YA	5962-8606307YA	X-27S37-032-EC-02	5962-04A0102QXA	AS27C512-20ECAM	5962-8764802YA
AT27C256R-90/YA	5962-8606317YA	X-27S37-032-EC-03	5962-04A0103QXA	AS27C512-20ECAM	5962-8764813QYA
AT27C256R-90/YC	5962-8606307YC	X-27S37-032-EC-04	5962-04A0104QXA	AS27C512-20JM	5962-8764813QXA
QP27C256-90/UA	5962-8606307UA	X-27S37-032-EC-05	5962-04A0105QXA	AT27C512R-20DM/883	5962-8764802XA
QP27C256-90/UA	5962-8606317UA	X-27S37-032-EC-06	5962-04A0106QXA	AT27C512R-20KM/883	5962-8764802ZA
QP27C256-90/XA	5962-8606307XA	X-27S37-032-EC-07	5962-04A0107QXA	AT27C512R-20LM/883	5962-8764802YA
QP27C256-90/XA	5962-8606317QXA	X-27S37-032-EC-08	5962-04A0108QXA	SMJ27C512-20JM	5962-8764802XA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
27512-25 (GEN)	5962-8513501YA	QP27C64-35/YA	8510202YA	ATF280FYJ-SR	5962R1222501VUC
AS27C512-25ECAM	5962-8764803YA	QP27C64-35/ZA	8510202ZA	ATF280FYJ-SV	5962-1222501VUC
AS27C512-25ECAM	5962-8764814QYA	2764-450 (GEN)	8200501YA	MAX280 (GEN)	5962-9159502MPA
AS27C512-25JM	5962-8764814QXA	2764-450 (GEN)	8200501ZA	ACS280 (GEN)	5962F9670802V9A
AT27C512R-25DM/883	5962-8764803XA	QP27C64-90/YA	8510204YA	ACS280 (GEN)	5962F9670802VCC
AT27C512R-25KM/883	5962-8764803ZA	QP27C64-90/ZA	8510204ZA	ACS280 (GEN)	5962F9670802VXC
AT27C512R-25LM/883	5962-8764803YA	TLC277 (GEN)	5962-89494022A	ACTS280 (GEN)	5962F9672002V9A
SMJ27C512-25JM	5962-8764803XA	TLC277 (GEN)	5962-8949402HA	ACTS280 (GEN)	5962F9672002VCC
27512-30 (GEN)	5962-8513503YA	TLC277 (GEN)	5962-8949402PA	ACTS280 (GEN)	5962F9672002VXC
27512-30 (GEN)	5962-8513503ZA	TLC27L7 (GEN)	5962-89494042A	28F008 (GEN)	5962-9455702QQA
27512-35 (GEN)	5962-8513502YA	TLC27L7 (GEN)	5962-8949404HA	28F008 (GEN)	5962-9455702QXA
27H512-35 (GEN)	5962-8764809QXA	TLC27L7 (GEN)	5962-8949404PA	28F008 (GEN)	5962-9455701QQA
27H512-35 (GEN)	5962-8764809QYA	TLC27L7MDQ	5962-9555301NXD	28F008 (GEN)	5962-9455701QXA
27512-45 (GEN)	5962-8513504YA	TLC27M7 (GEN)	5962-89494062A	GH2801S/CKA	5962-1021702KXA
27512-45 (GEN)	5962-8513504ZA	TLC27M7 (GEN)	5962-8949406HA	GH2801S/CKC	5962-1021702KXC
27C512-45 (GEN)	5962-8764808QXA	TLC27M7 (GEN)	5962-8949406PA	28C010TFB-15	5962-3826718QMC
27C512-45 (GEN)	5962-8764808QYA	TLV2772AM (GEN)	5962-9858802Q2A	28C010TFB-20	5962-3826717QMC
27C512-55 (GEN)	5962-8764807QXA	TLV2772AM (GEN)	5962-9858802QHA	28C010TFB-25	5962-3826716QMC
27C512-55 (GEN)	5962-8764807QYA	TLV2772AMJGB	5962-9858802QPA	28C010TFBS-12	5962-3826719QMC
27C512-70 (GEN)	5962-8764806QXA	TLV2772M (GEN)	5962-9858801Q2A	28C010TFS-12	5962-3826719VMC
27C512-70 (GEN)	5962-8764806QYA	TLV2772M (GEN)	5962-9858801QHA	28C010TFS-15	5962-3826718VMC
AT27C512R-70DM/883	5962-8764806XA	TLV2772M (GEN)	5962-9858801QPA	28C010TFS-20	5962-3826717VMC
AT27C512R-70KM/883	5962-8764806ZA	TLC279 (GEN)	5962-90604022A	28C010TFS-25	5962-3826716VMC
AT27C512R-70LM/883	5962-8764806YA	TLC279 (GEN)	5962-9060402CA	28C010TRPFB-12	5962-3826719Q6C
27C512-90 (GEN)	5962-8764810QXA	TLC279 (GEN)	5962-9060402DA	28C010TRPFB-15	5962-3826718Q6C
27C512-90 (GEN)	5962-8764810QYA	TLC27L9 (GEN)	5962-90604062A	28C010TRPFB-20	5962-3826717Q6C
AT27C512R-90DM/883	5962-8764805XA	TLC27L9 (GEN)	5962-9060406CA	28C010TRPFB-25	5962-3826716Q6C
AT27C512R-90KM/883	5962-8764805ZA	TLC27L9 (GEN)	5962-9060406DA	28C010TRPFS-12	5962-3826719V6C
AT27C512R-90LM/883	5962-8764805YA	TLC27L9MDQ	5962-9555401NXD	28C010TRPFS-15	5962-3826718V6C
HCPL-275K	5962-8767905KEC	TLC27M9 (GEN)	5962-90604042A	28C010TRPFS-20	5962-3826717V6C
HCPL-275K#100	5962-8767905KUA	TLC27M9 (GEN)	5962-9060404CA	28C010TRPFS-25	5962-3826716V6C
HCPL-275K#100	5962-8767905KUC	TLC27M9 (GEN)	5962-9060404DA	SMJ28F010B-12FEM	5962-9089904QYA
HCPL-275K#200	5962-8767905KEA	DVCL28/H	5962-1324001HXC	SMJ28F010B-12FEM	5962-9089913QYA
HCPL-275K#300	5962-8767905KTA	DVCL28/H-E	5962-1324001HXA	SMJ28F010B-12JDDM	5962-9089904QXA
QP27C64-12/YA	8510205YA	DVCL28/K	5962-1324001KXC	SMJ28F010B-12JDDM	5962-9089913QXA
QP27C64-12/ZA	8510205ZA	DVCL28/K-E	5962-1324001KXA	SMJ28F010B-15FEM	5962-9089903QYA
QP27C64-15/YA	8510206YA	ACS280 (GEN)	5962F9670801VCC	SMJ28F010B-15FEM	5962-9089907QYA
QP27C64-15/ZA	8510206ZA	ACS280 (GEN)	5962F9670801VXC	SMJ28F010B-15JDDM	5962-9089903QXA
2764-150 (GEN)	8200506YA	ACTS280 (GEN)	5962F9672001VCC	SMJ28F010B-15JDDM	5962-9089907QXA
2764A-20 (GEN)	8200505YA	ACTS280 (GEN)	5962F9672001VXC	SMJ28F010B-20FEM	5962-9089902QYA
2764A-20 (GEN)	8200505ZA	AD2S80ATD/883B	5962-9096201MQA	SMJ28F010B-20FEM	5962-9089906QYA
QP27C64-20/YA	8510203YA	AD2S80ATE/883B	5962-9096201MXA	SMJ28F010B-20FEM	5962-9089911QYA
QP27C64-20/ZA	8510203ZA	ATF280F2J-MQ	5962-1222501QXB	SMJ28F010B-20JDDM	5962-9089902QXA
2764-200 (GEN)	8200507YA	ATF280F2J-SR	5962R1222501VXB	SMJ28F010B-20JDDM	5962-9089906QXA
MC2764A-25/BYA	8200504YA	ATF280F2J-SV	5962-1222501VXB	SMJ28F010B-20JDDM	5962-9089911QXA
MR2764A-25/BZA	8200504ZA	ATF280F2V-MQ	5962-1222501QYC	SMJ28F010B-12FEM	5962-9089908QYA
QP27C64-25/YA	8510201YA	ATF280F2V-SR	5962R1222501VYC	SMJ28F010B-12JDDM	5962-9089908QXA
QP27C64-25/ZA	8510201ZA	ATF280F2V-SV	5962-1222501VYC	SMJ28F010B-15FEM	5962-9089912QYA
2764-250 (GEN)	8200502YA	ATF280FYF-MQ	5962-1222501QZC	SMJ28F010B-15JDDM	5962-9089912QXA
2764-250 (GEN)	8200502ZA	ATF280FYF-SR	5962R1222501VZC	28C010-12 (GEN)	5962-3826707MTA
MC2764A-35/BYA	8200503YA	ATF280FYF-SV	5962-1222501VZC	28C010-12 (GEN)	5962-3826707MWC
MR2764A-35/BZA	8200503ZA	ATF280FYJ-MQ	5962-1222501QUC	28C010-12 (GEN)	5962-3826707MYA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
28F010 (GEN)	5962-9089904MTA	28F010 (GEN)	5962-9089902MXA	28C011TRPFB-12	5962-3826719Q7C
28F010 (GEN)	5962-9089904MUA	28F010 (GEN)	5962-9089902MYA	28C011TRPFB-15	5962-3826718Q7C
28F010 (GEN)	5962-9089904MXA	28F010 (GEN)	5962-9089902MZA	28C011TRPFB-20	5962-3826717Q7C
28F010 (GEN)	5962-9089904MYA	28F010 (GEN)	5962-9089906MTA	28C011TRPFB-25	5962-3826716Q7C
28F010 (GEN)	5962-9089904MZA	28F010 (GEN)	5962-9089906MUA	28C011TRPFS-12	5962-3826719V7C
28F010 (GEN)	5962-9089908MTA	28F010 (GEN)	5962-9089906MZA	28C011TRPFS-15	5962-3826718V7C
28F010 (GEN)	5962-9089908MUA	AT28C010-20DM/883	5962-3826703MXA	28C011TRPFS-20	5962-3826717V7C
28F010 (GEN)	5962-9089908MZA	AT28C010-20EM/883	5962-3826703MUA	28C011TRPFS-25	5962-3826716V7C
AT28C010-12DM/883	5962-3826707MXA	AT28C010-20FM/883	5962-3826703MZA	LS2801R5S	5962-0523801KXA
AT28C010-12EM/883	5962-3826707MUA	SMJ28F010B-20HKM	5962-9089902QUA	LS2801R5S	5962-0523801KXC
AT28C010-12FM/883	5962-3826707MZA	SMJ28F010B-20HKM	5962-9089906QUA	LS2801R5SN/CKA	5962-0523801KYA
SMJ28F010B-12HKM	5962-9089904QUA	SMJ28F010B-20HKM	5962-9089911QUA	LS2801R5SN/CKC	5962-0523801KYC
SMJ28F010B-12HKM	5962-9089908QUA	28F010 (GEN)	5962-9089906MXA	LSO2801R5S	5962-1522401KXA
SMJ28F010B-12HKM	5962-9089913QUA	28F010 (GEN)	5962-9089906MYA	LSO2801R5S	5962-1522401KXC
28F010 (GEN)	5962-9089908MXA	28F010A (GEN)	5962-9089911MXA	LSO2801R5S	5962L1522401KXA
28F010 (GEN)	5962-9089908MYA	28F010A (GEN)	5962-9089911MYA	LSO2801R5S	5962L1522401KXC
28F010A (GEN)	5962-9089913MXA	28C010-25 (GEN)	5962-3826701MTA	LSO2801R5S	5962R1522401KXA
28F010A (GEN)	5962-9089913MYA	28C010-25 (GEN)	5962-3826701MWC	LSO2801R5S	5962R1522401KXC
28C010-15 (GEN)	5962-3826705MTA	28C010-25 (GEN)	5962-3826701MYA	28F016SV (GEN)	5962-9562502NXB
28C010-15 (GEN)	5962-3826705MWC	28C010-25 (GEN)	5962-3826702MWA	28F016SV (GEN)	5962-9562504NXB
28C010-15 (GEN)	5962-3826705MYA	28C010-25 (GEN)	5962-3826702MXA	28F016SV (GEN)	5962-9562501NXB
28C010-15 (GEN)	5962-3826706MWA	28C010-25 (GEN)	5962-3826702MYA	28F016SV (GEN)	5962-9562503NXB
28C010-15 (GEN)	5962-3826706MXA	28C010-25 (GEN)	5962-3826702MZA	LSO2801R8S	5962-1522402KXA
28C010-15 (GEN)	5962-3826706MYA	28F010 (GEN)	5962-9089901MTA	LSO2801R8S	5962-1522402KXC
28C010-15 (GEN)	5962-3826706MZA	28F010 (GEN)	5962-9089901MUA	LSO2801R8S	5962L1522402KXA
28F010 (GEN)	5962-9089903MTA	28F010 (GEN)	5962-9089901MXA	LSO2801R8S	5962L1522402KXC
28F010 (GEN)	5962-9089903MUA	28F010 (GEN)	5962-9089901MYA	LSO2801R8S	5962R1522402KXA
28F010 (GEN)	5962-9089903MXA	28F010 (GEN)	5962-9089901MZA	LSO2801R8S	5962R1522402KXC
28F010 (GEN)	5962-9089903MYA	28F010 (GEN)	5962-9089905MTA	28F020-12 (GEN)	5962-9323503MUA
28F010 (GEN)	5962-9089903MZA	28F010 (GEN)	5962-9089905MUA	MD28F020-12/BXA	5962-9323503MXA
28F010 (GEN)	5962-9089907MTA	28F010 (GEN)	5962-9089905MZA	MF28F020-12/BYA	5962-9323503MYA
28F010 (GEN)	5962-9089907MUA	AT28C010-25DM/883	5962-3826701MXA	28F020A (GEN)	5962-9323507MXA
28F010 (GEN)	5962-9089907MZA	AT28C010-25EM/883	5962-3826701MUA	28F020-15 (GEN)	5962-9323502MUA
AT28C010-15DM/883	5962-3826705MXA	AT28C010-25FM/883	5962-3826701MZA	MD28F020-15/BXA	5962-9323502MXA
AT28C010-15EM/883	5962-3826705MUA	SMJ28F010B-25FEM	5962-9089901QYA	MF28F020-15/BYA	5962-9323502MYA
AT28C010-15FM/883	5962-3826705MZA	SMJ28F010B-25FEM	5962-9089905QYA	28F020A (GEN)	5962-9323506MXA
SMJ28F010B-15HKM	5962-9089903QUA	SMJ28F010B-25FEM	5962-9089910QYA	28F020-20 (GEN)	5962-9323501MUA
SMJ28F010B-15HKM	5962-9089907QUA	SMJ28F010B-25HKM	5962-9089901QUA	MD28F020-20/BXA	5962-9323501MXA
SMJ28F010B-15HKM	5962-9089912QUA	SMJ28F010B-25HKM	5962-9089905QUA	MF28F020-20/BYA	5962-9323501MYA
28F010 (GEN)	5962-9089907MXA	SMJ28F010B-25HKM	5962-9089910QUA	28F020A (GEN)	5962-9323505MXA
28F010 (GEN)	5962-9089907MYA	SMJ28F010B-25JDDM	5962-9089901QXA	28F020-90 (GEN)	5962-9323504MUA
28F010A (GEN)	5962-9089912MXA	SMJ28F010B-25JDDM	5962-9089905QXA	28F020A (GEN)	5962-9323508MXA
28F010A (GEN)	5962-9089912MYA	SMJ28F010B-25JDDM	5962-9089910QXA	MD28F020-90/BXA	5962-9323504MXA
28C010-20 (GEN)	5962-3826703MTA	28F010 (GEN)	5962-9089905MXA	MF28F020-90/BYA	5962-9323504MYA
28C010-20 (GEN)	5962-3826703MWC	28F010 (GEN)	5962-9089905MYA	LSO2802R5S	5962-1522403KXA
28C010-20 (GEN)	5962-3826703MYA	28F010A (GEN)	5962-9089910MXA	LSO2802R5S	5962-1522403KXC
28C010-20 (GEN)	5962-3826704MWA	28F010A (GEN)	5962-9089910MYA	LSO2802R5S	5962L1522403KXA
28C010-20 (GEN)	5962-3826704MXA	28F010 (GEN)	5962-9089909MTA	LSO2802R5S	5962L1522403KXC
28C010-20 (GEN)	5962-3826704MYA	28F010 (GEN)	5962-9089909MUA	LSO2802R5S	5962R1522403KXA
28C010-20 (GEN)	5962-3826704MZA	28F010 (GEN)	5962-9089909MXA	LSO2802R5S	5962R1522403KXC
28F010 (GEN)	5962-9089902MTA	28F010 (GEN)	5962-9089909MYA	SG2803J/883B	5962-8605801VA
28F010 (GEN)	5962-9089902MUA	28F010 (GEN)	5962-9089909MZA	SG2803L/883B	5962-86058012A

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
AFL2803.3SW/CH	5962-9955201HUA	AHE2805S/CH-MSTR	5962-8968303HXA	DVETR2805S/H-E	5962-1520802HXA
AFL2803.3SW/CH	5962-9955201HUC	AHE2805S/CH-SLV	5962-8968302HXA	DVETR2805S/K	5962-1520802KXC
AFL2803.3SX/CH	5962-9955201HXA	AHE2805SF/CH	5962-8968301HZA	DVETR2805S/K-E	5962-1520802KXA
AFL2803.3SX/CH	5962-9955201HXC	AHE2805SF/CH-MSTR	5962-8968303HZA	DVETR2805SF/H	5962-1520802HYC
AFL2803.3SY/CH	5962-9955201HYA	AHE2805SF/CH-SLV	5962-8968302HZA	DVETR2805SF/H-E	5962-1520802HYA
AFL2803.3SY/CH	5962-9955201HYC	AHF2805D/CH	5962-0520501HXA	DVETR2805SF/K	5962-1520802KYC
AFL2803.3SZ/CH	5962-9955201HZA	AHF2805D/CH	5962-0520501HXC	DVETR2805SF/K-E	5962-1520802KYA
AFL2803.3SZ/CH	5962-9955201HZC	AHF2805DF/CH	5962-0520501HZA	DVFL2805D/H	5962-0724401HXC
AMF2803R3S/CHA	5962-1022301HXA	AHF2805DF/CH	5962-0520501HZC	DVFL2805D/H-E	5962-0724401HXA
AMF2803R3S/CHC	5962-1022301HXC	AHF2805S/CH	5962-9160001HXA	DVFL2805D/K	5962-0724401KXC
AMR2803R3S (GEN)	5962-0424501HXA	AHF2805SF/CH	5962-9160001HZA	DVFL2805D/K-E	5962-0724401KXA
ARH2803R3S	5962-0423301HXA	AHV2805SF/CH	5962-9177301HZA	DVFL2805DF/H	5962-0724401HYC
ARH2803R3S	5962-0423301HXC	AMA2805S	5962-0424701HXA	DVFL2805DF/H-E	5962-0724401HYA
GH2803R3S/CKA	5962-1021701KXA	AMA2805S	5962-0424701HXC	DVFL2805DF/K	5962-0724401KYC
GH2803R3S/CKC	5962-1021701KXC	AMF2805S	5962-0425201HXA	DVFL2805DF/K-E	5962-0724401KYA
LS2803R3S	5962-0523901KXA	AMF2805S	5962-0425201HXC	DVFL2805S/H	5962-0724302HXC
LS2803R3S	5962-0523901KXC	AMR2805S (GEN)	5962-0424601HXA	DVFL2805S/H-E	5962-0724302HXA
LS2803R3SN/CKA	5962-0523901KYA	ARH2805S	5962-0423201HXA	DVFL2805S/K	5962-0724302KXC
LS2803R3SN/CKC	5962-0523901KYC	ARH2805S	5962-0423201HXC	DVFL2805S/K-E	5962-0724302KXA
LSO2803R3S	5962-1522404KXA	ASA2805S/CH	5962-9462901HXA	DVFL2805SF/H	5962-0724302HYC
LSO2803R3S	5962-1522404KXC	ATR2805S/CH	5962-9462401HXA	DVFL2805SF/H-E	5962-0724302HYA
LSO2803R3S	5962L1522404KXA	ATR2805SF/CH	5962-9462401HZA	DVFL2805SF/K	5962-0724302KYC
LSO2803R3S	5962L1522404KXC	ATW2805S/CH	5962-9157904HZA	DVFL2805SF/K-E	5962-0724302KYA
LSO2803R3S	5962R1522404KXA	ATW2805S/CH-MSTR	5962-9157906HZA	DVHE2805S/H	5962-1523004HXC
LSO2803R3S	5962R1522404KXC	ATW2805S/CH-SLV	5962-9157905HZA	DVHE2805S/H-E	5962-1523004HXA
S2803R3S	5962-0423801KXA	DHC2805SH	5962-9309203HUC	DVHE2805S/K	5962-1523004KXC
S2803R3S	5962-0423801KXC	DHC2805SH	5962-9462902HYC	DVHE2805S/K-E	5962-1523004KXA
2805D (GEN)	5962-0052202HXA	DVAB2805D/H	5962-1423201HXC	DVHE2805SF/H	5962-1523004HYC
2805D (GEN)	5962-9465901HXA	DVAB2805D/H-E	5962-1423201HXA	DVHE2805SF/H-E	5962-1523004HYA
2805D (GEN)	5962-9465901HZA	DVAB2805D/K	5962-1423201KXC	DVHE2805SF/K	5962-1523004KYC
2805DN (GEN)	5962-9570501HXA	DVAB2805D/K-E	5962-1423201KXA	DVHE2805SF/K-E	5962-1523004KYA
2805S (GEN)	5962-0052601HXA	DVAB2805DF/H	5962-1423201HYC	DVHF2805D/H	5962-0324401HXC
2805S (GEN)	5962-9465501HXA	DVAB2805DF/H-E	5962-1423201HYA	DVHF2805D/H-E	5962-0324401HXA
2805S (GEN)	5962-9465501HZA	DVAB2805DF/K	5962-1423201KYC	DVHF2805D/K	5962-0324401KXC
2805SN (GEN)	5962-9569901HXA	DVAB2805DF/K-E	5962-1423201KYA	DVHF2805D/K-E	5962-0324401KXA
AFL2805DW/CH	5962-9579501HUA	DVCH2805D/H	5962-0924301HXC	DVHF2805DF/H	5962-0324401HYC
AFL2805DW/CH	5962-9579501HUC	DVCH2805D/H-E	5962-0924301HXA	DVHF2805DF/H-E	5962-0324401HYA
AFL2805DX/CH	5962-9579501HXA	DVCH2805D/K	5962-0924301KXC	DVHF2805DF/K	5962-0324401KYC
AFL2805DX/CH	5962-9579501HXC	DVCH2805D/K-E	5962-0924301KXA	DVHF2805DF/K-E	5962-0324401KYA
AFL2805DY/CH	5962-9579501HYA	DVCH2805S/H	5962-0924202HXC	DVHF2805S/H	5962-0324302HXC
AFL2805DY/CH	5962-9579501HYC	DVCH2805S/H-E	5962-0924202HXA	DVHF2805S/H-E	5962-0324302HXA
AFL2805DZ/CH	5962-9579501HZA	DVCH2805S/K	5962-0924202KXC	DVHF2805S/K	5962-0324302KXC
AFL2805DZ/CH	5962-9579501HZC	DVCH2805S/K-E	5962-0924202KXA	DVHF2805S/K-E	5962-0324302KXA
AFL2805SW/CH	5962-9472101HUA	DVETR2805D/H	5962-1520901HXC	DVHF2805SF/H	5962-0324302HYC
AFL2805SW/CH	5962-9472101HUC	DVETR2805D/H-E	5962-1520901HXA	DVHF2805SF/H-E	5962-0324302HYA
AFL2805SX/CH	5962-9472101HXA	DVETR2805D/K	5962-1520901KXC	DVHF2805SF/K	5962-0324302KYC
AFL2805SX/CH	5962-9472101HXC	DVETR2805D/K-E	5962-1520901KXA	DVHF2805SF/K-E	5962-0324302KYA
AFL2805SY/CH	5962-9472101HYA	DVETR2805DF/H	5962-1520901HYC	DVHV2805D/H	5962-1122701HXC
AFL2805SY/CH	5962-9472101HYC	DVETR2805DF/H-E	5962-1520901HYA	DVHV2805D/H-E	5962-1122701HXA
AFL2805SZ/CH	5962-9472101HZA	DVETR2805DF/K	5962-1520901KYC	DVHV2805D/K	5962-1122701KXC
AFL2805SZ/CH	5962-9472101HZC	DVETR2805DF/K-E	5962-1520901KYA	DVHV2805D/K-E	5962-1122701KXA
AHE2805S/CH	5962-8968301HXA	DVETR2805S/H	5962-1520802HXC	DVHV2805DF/H	5962-1122701HYC



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
DVHV2805DF/H-E	5962-1122701HYA	LSO2805D	5962-1522408KXC	MHF+2805D/883	5962-9555901HXC
DVHV2805DF/K	5962-1122701KYC	LSO2805S	5962-1522405KXA	MHF+2805DF/883	5962-9555901HZA
DVHV2805DF/K-E	5962-1122701KYA	LSO2805S	5962-1522405KXC	MHF+2805DF/883	5962-9555901HXC
DVHV2805S/H	5962-1122602HXC	LSO2805S	5962L1522405KXA	MHF+2805S/883	5962-9213901HXA
DVHV2805S/H-E	5962-1122602HXA	LSO2805S	5962L1522405KXC	MHF+2805S/883	5962-9213901HXC
DVHV2805S/K	5962-1122602KXC	LSO2805S	5962R1522405KXA	MHF+2805SF/883	5962-9213901HZA
DVHV2805S/K-E	5962-1122602KXA	LSO2805S	5962R1522405KXC	MHF+2805SF/883	5962-9213901HXC
DVHV2805SF/H	5962-1122602HYC	LSOL2805D	5962L1522408KXA	MHV2805D/883	5962-9852501HXA
DVHV2805SF/H-E	5962-1122602HYA	LSOL2805D	5962L1522408KXC	MHV2805D/883	5962-9852501HXC
DVHV2805SF/K	5962-1122602KYC	LSOR2805D	5962R1522408KXA	MHV2805DF/883	5962-9852501HZA
DVHV2805SF/K-E	5962-1122602KYA	LSOR2805D	5962R1522408KXC	MHV2805DF/883	5962-9852501HXC
DVSA2805D/H	5962-0324201HXC	MCH2805D/883	5962-9570201HXA	MHV2805S/883	5962-9852201HXA
DVSA2805D/H-E	5962-0324201HXA	MCH2805D/883	5962-9570201HXC	MHV2805S/883	5962-9852201HXC
DVSA2805D/K	5962-0324201KXC	MCH2805S/883	5962-9569601HXA	MHV2805SF/883	5962-9852201HZA
DVSA2805D/K-E	5962-0324201KXA	MCH2805S/883	5962-9569601HXC	MHV2805SF/883	5962-9852201HXC
DVSA2805DF/K	5962-0324201KYC	MFK2805D (GEN)	5962-1421101HXA	MOR2805D/883	5962-9956101HXA
DVSA2805DF/K-E	5962-0324201KYA	MFK2805D (GEN)	5962-1421101HZA	MOR2805D/883	5962-9956101HXC
DVSA2805S/H	5962-0324102HXC	MFK2805D/883	5962-1421105HXA	MOR2805DV/883	5962-9956101HUA
DVSA2805S/H-E	5962-0324102HXA	MFK2805D/883	5962-1421105HXC	MOR2805DV/883	5962-9956101HUC
DVSA2805S/K	5962-0324102KXC	MFK2805DF/883	5962-1421105HZA	MOR2805DW/883	5962-9956101HTA
DVSA2805S/K-E	5962-0324102KXA	MFK2805DF/883	5962-1421105HXC	MOR2805DW/883	5962-9956101HTC
DVSA2807D/H	5962-0324204HXC	MFK2805S (GEN)	5962-1421004HXA	MOR2805DY/883	5962-9956101HYA
DVSA2807D/H-E	5962-0324204HXA	MFK2805S (GEN)	5962-1421004HZA	MOR2805DY/883	5962-9956101HYC
DVSA2807D/K	5962-0324204KXC	MFK2805S/883	5962-1421013HXA	MOR2805DZ/883	5962-9956101HZA
DVSA2807D/K-E	5962-0324204KXA	MFK2805S/883	5962-1421013HXC	MOR2805DZ/883	5962-9956101HXC
DVTR2805D/H	5962-1122501HXC	MFK2805SF/883	5962-1421013HZA	MOR2805S/883	5962-9954801HXA
DVTR2805D/H-E	5962-1122501HXA	MFK2805SF/883	5962-1421013HXC	MOR2805S/883	5962-9954801HXC
DVTR2805D/K	5962-1122501KXC	MFL2805D (GEN)	5962-9319101HTA	MOR2805SV/883	5962-9954801HUA
DVTR2805D/K-E	5962-1122501KYC	MFL2805D (GEN)	5962-9319101HUA	MOR2805SV/883	5962-9954801HUC
DVTR2805D/K-E	5962-1122501KXA	MFL2805D (GEN)	5962-9319101HYA	MOR2805SW/883	5962-9954801HTA
DVTR2805DF/H	5962-1122501HYC	MFL2805D (GEN)	5962-9319101HZA	MOR2805SW/883	5962-9954801HTC
DVTR2805DF/H-E	5962-1122501HYA	MFL2805D/883	5962-9319101HXA	MOR2805SY/883	5962-9954801HYA
DVTR2805DF/K-E	5962-1122501KYA	MFL2805D/883	5962-9319101HXC	MOR2805SY/883	5962-9954801HYC
DVTR2805S/H	5962-1122403HXC	MFL2805S (GEN)	5962-9316301HTA	MOR2805SZ/883	5962-9954801HZA
DVTR2805S/H-E	5962-1122403HXA	MFL2805S (GEN)	5962-9316301HUA	MOR2805SZ/883	5962-9954801HXC
DVTR2805S/K	5962-1122403KXC	MFL2805S (GEN)	5962-9316301HYA	MSA2805D/883	5962-0052201HXA
DVTR2805S/K-E	5962-1122403KXA	MFL2805S (GEN)	5962-9316301HZA	MSA2805D/883	5962-0052201HXC
DVTR2805SF/H	5962-1122403HYC	MFL2805S/883	5962-9316301HXA	MSA2805S/883	5962-9309201HXA
DVTR2805SF/H-E	5962-1122403HYA	MFL2805S/883	5962-9316301HXC	MSA2805S/883	5962-9309201HXC
DVTR2805SF/K	5962-1122403KYC	MGA2805D/883	5962-0052201HYA	MTR2805D/883	5962-9320501HXA
DVTR2805SF/K-E	5962-1122403KYA	MGA2805D/883	5962-0052201HYC	MTR2805D/883	5962-9320501HXC
GH2805S/CK	5962-1021901KXA	MGA2805DZ/883	5962-0052201HZA	MTR2805D/883	5962-9320503HXA
GH2805S/CK	5962-1021901KXC	MGA2805S/883	5962-9309201HYA	MTR2805D/883	5962-9320503HXC
LS2805D/CKA	5962-1022401KXA	MGA2805S/883	5962-9309201HYC	MTR2805DF/883	5962-9320501HZA
LS2805D/CKC	5962-1022401KXC	MGA2805SZ/883	5962-9309201HZA	MTR2805DF/883	5962-9320501HXC
LS2805DN/CKA	5962-1022401KYA	MGH2805D/883	5962-9570201HYA	MTR2805DF/883	5962-9320503HZA
LS2805DN/CKC	5962-1022401KYC	MGH2805D/883	5962-9570201HYC	MTR2805DF/883	5962-9320503HXC
LS2805S	5962-0524001KXA	MGH2805DZ/883	5962-9570201HZA	MTR2805S/883	5962-9306801HXA
LS2805S	5962-0524001KXC	MGH2805S/883	5962-9569601HYA	MTR2805S/883	5962-9306801HXC
LS2805SN/CKA	5962-0524001KYA	MGH2805S/883	5962-9569601HYC	MTR2805S/883	5962-9306803HXA
LS2805SN/CKC	5962-0524001KYC	MGH2805SZ/883	5962-9569601HZA	MTR2805S/883	5962-9306803HXC
LSO2805D	5962-1522408KXA	MHF+2805D/883	5962-9555901HXA	MTR2805SF/883	5962-9306801HZA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MTR2805SF/883	5962-9306801HZC	SMFL2805D (GEN)	5962R9319102HYA	SMFL2805S/HL	5962L9316302HXA
MTR2805SF/883	5962-9306803HZA	SMFL2805D (GEN)	5962R9319102HZA	SMFL2805S/HL	5962L9316302HXC
MTR2805SF/883	5962-9306803HZC	SMFL2805D (GEN)	5962R9319102KTA	SMFL2805S/HP	5962P9316302HXA
S2805D	5962-0424201KXA	SMFL2805D (GEN)	5962R9319102KYA	SMFL2805S/HP	5962P9316302HXC
S2805D	5962-0424201KXC	SMFL2805D (GEN)	5962R9319102KZA	SMFL2805S/HR	5962R9316302HXA
S2805S	5962-0423901KXA	SMFL2805D/HL	5962L9319102HXA	SMFL2805S/HR	5962R9316302HXC
S2805S	5962-0423901KXC	SMFL2805D/HL	5962L9319102HXC	SMFL2805S/KL	5962L9316302KXA
SLH2805D (GEN)	5962-0250401HXA	SMFL2805D/HP	5962P9319102HXA	SMFL2805S/KL	5962L9316302KXC
SLH2805D (GEN)	5962L0250401HXA	SMFL2805D/HP	5962P9319102HXC	SMFL2805S/KP	5962P9316302KXA
SLH2805D (GEN)	5962L0250401KXA	SMFL2805D/HR	5962R9319102HXA	SMFL2805S/KP	5962P9316302KXC
SLH2805D (GEN)	5962P0250401HXA	SMFL2805D/HR	5962R9319102HXC	SMFL2805S/KR	5962R9316302KXA
SLH2805D (GEN)	5962P0250401KXA	SMFL2805D/KL	5962L9319102KXA	SMFL2805S/KR	5962R9316302KXC
SLH2805D (GEN)	5962R0250401HXA	SMFL2805D/KL	5962L9319102KXC	SMFL2805SV/HL	5962L9316302HUA
SLH2805D (GEN)	5962R0250401KXA	SMFL2805D/KP	5962P9319102KXA	SMFL2805SV/HL	5962L9316302HUC
SLH2805D/HL	5962L0250402HXA	SMFL2805D/KP	5962P9319102KXC	SMFL2805SV/HP	5962P9316302HUA
SLH2805D/HL	5962L0250402HXC	SMFL2805D/KR	5962R9319102KXA	SMFL2805SV/HP	5962P9316302HUC
SLH2805D/HP	5962P0250402HXA	SMFL2805D/KR	5962R9319102KXC	SMFL2805SV/HR	5962R9316302HUA
SLH2805D/HP	5962P0250402HXC	SMFL2805DV/HL	5962L9319102HUA	SMFL2805SV/HR	5962R9316302HUC
SLH2805D/HR	5962R0250402HXA	SMFL2805DV/HL	5962L9319102HUC	SMFL2805SV/KL	5962L9316302KUA
SLH2805D/HR	5962R0250402HXC	SMFL2805DV/HP	5962P9319102HUA	SMFL2805SV/KL	5962L9316302KUC
SLH2805D/KL	5962L0250402KXA	SMFL2805DV/HP	5962P9319102HUC	SMFL2805SV/KP	5962P9316302KUA
SLH2805D/KL	5962L0250402KXC	SMFL2805DV/HR	5962R9319102HUA	SMFL2805SV/KP	5962P9316302KUC
SLH2805D/KP	5962P0250402KXA	SMFL2805DV/HR	5962R9319102HUC	SMFL2805SV/KR	5962R9316302KUA
SLH2805D/KP	5962P0250402KXC	SMFL2805DV/KL	5962L9319102KUA	SMFL2805SV/KR	5962R9316302KUC
SLH2805D/KR	5962R0250402KXA	SMFL2805DV/KL	5962L9319102KUC	SMFLHP2805 (GEN)	5962L1221401HUA
SLH2805D/KR	5962R0250402KXC	SMFL2805DV/KP	5962P9319102KUA	SMFLHP2805 (GEN)	5962L1221401HXA
SLH2805S/HL	5962L0052601HXA	SMFL2805DV/KP	5962P9319102KUC	SMFLHP2805 (GEN)	5962L1221401KUA
SLH2805S/HL	5962L0052601HXC	SMFL2805DV/KR	5962R9319102KUA	SMFLHP2805 (GEN)	5962L1221401KXA
SLH2805S/HR	5962R0052601HXA	SMFL2805DV/KR	5962R9319102KUC	SMFLHP2805 (GEN)	5962P1221401HUA
SLH2805S/HR	5962R0052601HXC	SMFL2805S (GEN)	5962-9316302HTA	SMFLHP2805 (GEN)	5962P1221401HXA
SLH2805S/KL	5962L0052601KXA	SMFL2805S (GEN)	5962-9316302HUA	SMFLHP2805 (GEN)	5962P1221401KUA
SLH2805S/KL	5962L0052601KXC	SMFL2805S (GEN)	5962-9316302HXA	SMFLHP2805 (GEN)	5962P1221401KXA
SLH2805S/KR	5962R0052601KXA	SMFL2805S (GEN)	5962-9316302HYA	SMFLHP2805 (GEN)	5962R1221401HUA
SLH2805S/KR	5962R0052601KXC	SMFL2805S (GEN)	5962-9316302HZA	SMFLHP2805 (GEN)	5962R1221401HXA
SMFL2805D (GEN)	5962-9319102HTA	SMFL2805S (GEN)	5962L9316302HTA	SMFLHP2805 (GEN)	5962R1221401KUA
SMFL2805D (GEN)	5962-9319102HUA	SMFL2805S (GEN)	5962L9316302HYA	SMFLHP2805 (GEN)	5962R1221401KXA
SMFL2805D (GEN)	5962-9319102HXA	SMFL2805S (GEN)	5962L9316302HZA	SMFLHP2805S/HL	5962L1221402HXA
SMFL2805D (GEN)	5962-9319102HYA	SMFL2805S (GEN)	5962L9316302KTA	SMFLHP2805S/HL	5962L1221402HXC
SMFL2805D (GEN)	5962-9319102HZA	SMFL2805S (GEN)	5962L9316302KYA	SMFLHP2805S/HP	5962P1221402HXA
SMFL2805D (GEN)	5962L9319102HTA	SMFL2805S (GEN)	5962L9316302KZA	SMFLHP2805S/HP	5962P1221402HXC
SMFL2805D (GEN)	5962L9319102HZA	SMFL2805S (GEN)	5962P9316302HTA	SMFLHP2805S/HR	5962R1221402HXA
SMFL2805D (GEN)	5962L9319102HZA	SMFL2805S (GEN)	5962P9316302HYA	SMFLHP2805S/HR	5962R1221402HXC
SMFL2805D (GEN)	5962L9319102KTA	SMFL2805S (GEN)	5962P9316302HZA	SMFLHP2805S/KL	5962L1221402KXA
SMFL2805D (GEN)	5962L9319102KYA	SMFL2805S (GEN)	5962P9316302KTA	SMFLHP2805S/KL	5962L1221402KXC
SMFL2805D (GEN)	5962L9319102KZA	SMFL2805S (GEN)	5962P9316302KYA	SMFLHP2805S/KP	5962P1221402KXA
SMFL2805D (GEN)	5962P9319102HTA	SMFL2805S (GEN)	5962P9316302KZA	SMFLHP2805S/KP	5962P1221402KXC
SMFL2805D (GEN)	5962P9319102HYA	SMFL2805S (GEN)	5962R9316302HTA	SMFLHP2805S/KR	5962R1221402KXA
SMFL2805D (GEN)	5962P9319102HZA	SMFL2805S (GEN)	5962R9316302HYA	SMFLHP2805S/KR	5962R1221402KXC
SMFL2805D (GEN)	5962P9319102KTA	SMFL2805S (GEN)	5962R9316302HZA	SMHF2805 (GEN)	5962-9555902HXA
SMFL2805D (GEN)	5962P9319102KYA	SMFL2805S (GEN)	5962R9316302KTA	SMHF2805 (GEN)	5962-9555902HZA
SMFL2805D (GEN)	5962P9319102KZA	SMFL2805S (GEN)	5962R9316302KYA	SMHF2805D/HL	5962L9555902HXA
SMFL2805D (GEN)	5962R9319102HTA	SMFL2805S (GEN)	5962R9316302KZA	SMHF2805D/HL	5962L9555902HXC

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SMHF2805D/HP	5962P9555902HXA	SMRT2805D (GEN)	5962P0622301HXA	SMSA2805S/HP	5962P9309202HXC
SMHF2805D/HP	5962P9555902HXC	SMRT2805D (GEN)	5962P0622301KXA	SMSA2805S/HR	5962R9309202HXA
SMHF2805D/HR	5962R9555902HXA	SMRT2805D (GEN)	5962R0622301HXA	SMSA2805S/HR	5962R9309202HXC
SMHF2805D/HR	5962R9555902HXC	SMRT2805D (GEN)	5962R0622301KXA	SMSA2805S/KL	5962L9309204KXA
SMHF2805D/KL	5962L9555902KXA	SMRT2805D/EKL	5962L0622301EXA	SMSA2805S/KL	5962L9309204KXC
SMHF2805D/KL	5962L9555902KXC	SMRT2805D/EKL	5962L0622301EXC	SMSA2805S/KP	5962P9309202KXA
SMHF2805D/KP	5962P9555902KXA	SMRT2805D/EKP	5962P0622301EXA	SMSA2805S/KP	5962P9309202KXC
SMHF2805D/KP	5962P9555902KXC	SMRT2805D/EKP	5962P0622301EXC	SMSA2805S/KR	5962R9309202KXA
SMHF2805D/KR	5962R9555902KXA	SMRT2805D/EKR	5962R0622301EXA	SMSA2805S/KR	5962R9309202KXC
SMHF2805D/KR	5962R9555902KXC	SMRT2805D/EKR	5962R0622301EXC	SMTR2805 (GEN)	5962-9306802HXA
SMHF2805DF/HL	5962L9555902HZA	SMRT2805S (GEN)	5962-0622101HXA	SMTR2805 (GEN)	5962-9306802HZA
SMHF2805DF/HL	5962L9555902HXC	SMRT2805S (GEN)	5962F0622101KXA	SMTR2805 (GEN)	5962-9320502HXA
SMHF2805DF/HP	5962P9555902HZA	SMRT2805S (GEN)	5962L0622101HXA	SMTR2805 (GEN)	5962-9320502HZA
SMHF2805DF/HP	5962P9555902HXC	SMRT2805S (GEN)	5962L0622101KXA	SMTR2805D/HL	5962L9320502HXA
SMHF2805DF/HR	5962R9555902HZA	SMRT2805S (GEN)	5962P0622101HXA	SMTR2805D/HL	5962L9320502HXC
SMHF2805DF/HR	5962R9555902HXC	SMRT2805S (GEN)	5962P0622101KXA	SMTR2805D/HP	5962P9320502HXA
SMHF2805DF/KL	5962L9555902KZA	SMRT2805S (GEN)	5962R0622101HXA	SMTR2805D/HP	5962P9320502HXC
SMHF2805DF/KL	5962L9555902KXC	SMRT2805S (GEN)	5962R0622101KXA	SMTR2805D/HR	5962R9320502HXA
SMHF2805DF/KP	5962P9555902KZA	SMRT2805S/EKL	5962L0622101EXA	SMTR2805D/HR	5962R9320502HXC
SMHF2805DF/KP	5962P9555902KXC	SMRT2805S/EKL	5962L0622101EXC	SMTR2805D/KL	5962L9320502KXA
SMHF2805DF/KR	5962R9555902KZA	SMRT2805S/EKP	5962P0622101EXA	SMTR2805D/KL	5962L9320502KXC
SMHF2805DF/KR	5962R9555902KXC	SMRT2805S/EKP	5962P0622101EXC	SMTR2805D/KP	5962P9320502KXA
SMHF2805S (GEN)	5962-9213902HXA	SMRT2805S/EKR	5962R0622101EXA	SMTR2805D/KP	5962P9320502KXC
SMHF2805S (GEN)	5962-9213902HZA	SMRT2805S/EKR	5962R0622101EXC	SMTR2805D/KR	5962R9320502KXA
SMHF2805S/HL	5962L9213902HXA	SMSA2805D/HL	5962L0052202HXA	SMTR2805D/KR	5962R9320502KXC
SMHF2805S/HL	5962L9213902HXC	SMSA2805D/HL	5962L0052202HXC	SMTR2805DF/HL	5962L9320502HZA
SMHF2805S/HP	5962P9213902HXA	SMSA2805D/HP	5962P0052202HXA	SMTR2805DF/HL	5962L9320502HXC
SMHF2805S/HP	5962P9213902HXC	SMSA2805D/HP	5962P0052202HXC	SMTR2805DF/HP	5962P9320502HZA
SMHF2805S/HR	5962R9213902HXA	SMSA2805D/HR	5962R0052202HXA	SMTR2805DF/HP	5962P9320502HXC
SMHF2805S/HR	5962R9213902HXC	SMSA2805D/HR	5962R0052202HXC	SMTR2805DF/HR	5962R9320502HZA
SMHF2805S/KL	5962L9213902KXA	SMSA2805D/KL	5962L0052202KXA	SMTR2805DF/HR	5962R9320502HXC
SMHF2805S/KL	5962L9213902KXC	SMSA2805D/KL	5962L0052202KXC	SMTR2805DF/KL	5962L9320502KZA
SMHF2805S/KP	5962P9213902KXA	SMSA2805D/KP	5962P0052202KXA	SMTR2805DF/KL	5962L9320502KXC
SMHF2805S/KP	5962P9213902KXC	SMSA2805D/KP	5962P0052202KXC	SMTR2805DF/KP	5962P9320502KZA
SMHF2805S/KR	5962R9213902KXA	SMSA2805D/KR	5962R0052202KXA	SMTR2805DF/KP	5962P9320502KXC
SMHF2805S/KR	5962R9213902KXC	SMSA2805D/KR	5962R0052202KXC	SMTR2805DF/KR	5962R9320502KZA
SMHF2805SF/HL	5962L9213902HZA	SMSA2805S (GEN)	5962-9309202HXA	SMTR2805DF/KR	5962R9320502KXC
SMHF2805SF/HL	5962L9213902HXC	SMSA2805S (GEN)	5962D9309202HXA	SMTR2805S/HL	5962L9306802HXA
SMHF2805SF/HP	5962P9213902HZA	SMSA2805S (GEN)	5962D9309202KXA	SMTR2805S/HL	5962L9306802HXC
SMHF2805SF/HP	5962P9213902HXC	SMSA2805S (GEN)	5962L9309202HXA	SMTR2805S/HP	5962P9306802HXA
SMHF2805SF/HR	5962R9213902HZA	SMSA2805S (GEN)	5962L9309202KXA	SMTR2805S/HP	5962P9306802HXC
SMHF2805SF/HR	5962R9213902HXC	SMSA2805S (GEN)	5962P9309202HZA	SMTR2805S/HR	5962R9306802HXA
SMHF2805SF/KL	5962L9213902KZA	SMSA2805S (GEN)	5962P9309202KZA	SMTR2805S/HR	5962R9306802HXC
SMHF2805SF/KL	5962L9213902KXC	SMSA2805S (GEN)	5962P9309204HXA	SMTR2805S/KL	5962L9306802KXA
SMHF2805SF/KP	5962P9213902KZA	SMSA2805S (GEN)	5962P9309204KXA	SMTR2805S/KL	5962L9306802KXC
SMHF2805SF/KP	5962P9213902KXC	SMSA2805S (GEN)	5962R9309202HXC	SMTR2805S/KP	5962P9306802KXA
SMHF2805SF/KR	5962R9213902KZA	SMSA2805S (GEN)	5962R9309202KXC	SMTR2805S/KP	5962P9306802KXC
SMHF2805SF/KR	5962R9213902KXC	SMSA2805S (GEN)	5962R9309204HXA	SMTR2805S/KR	5962R9306802KXA
SMRT2805D (GEN)	5962-0622301HXA	SMSA2805S (GEN)	5962R9309204KXA	SMTR2805S/KR	5962R9306802KXC
SMRT2805D (GEN)	5962F0622301KXA	SMSA2805S/HL	5962L9309204HXA	SMTR2805SF/HL	5962L9306802HZA
SMRT2805D (GEN)	5962L0622301HXA	SMSA2805S/HL	5962L9309204HXC	SMTR2805SF/HL	5962L9306802HXC
SMRT2805D (GEN)	5962L0622301KXA	SMSA2805S/HP	5962P9309202HXA	SMTR2805SF/HP	5962P9306802HZA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SMTR2805SF/HP	5962P9306802HZC	SVRFL2805SF/K-E	5962R1323302KYA	SVTR2805D/K-E	5962P1122301KXA
SMTR2805SF/HR	5962R9306802HZA	SVRHF2805D/H+	5962R1323201HXC	SVTR2805DF/H	5962P1122301HYC
SMTR2805SF/HR	5962R9306802HZC	SVRHF2805D/H+-E	5962R1323201HXA	SVTR2805DF/H-E	5962P1122301HYA
SMTR2805SF/KL	5962L9306802KZA	SVRHF2805D/K+	5962R1323201KXC	SVTR2805DF/K	5962P1122301KYC
SMTR2805SF/KL	5962L9306802KZC	SVRHF2805D/K+-E	5962R1323201KXA	SVTR2805DF/K-E	5962P1122301KYA
SMTR2805SF/KP	5962P9306802KZA	SVRHF2805DF/H+	5962R1323201HYC	SVTR2805S/H	5962P1122002HXC
SMTR2805SF/KP	5962P9306802KZC	SVRHF2805DF/H+-E	5962R1323201HYA	SVTR2805S/H-E	5962P1122002HXA
SMTR2805SF/KR	5962R9306802KZA	SVRHF2805DF/K+	5962R1323201KYC	SVTR2805S/K	5962P1122002KXC
SMTR2805SF/KR	5962R9306802KZC	SVRHF2805DF/K+-E	5962R1323201KYA	SVTR2805S/K-E	5962P1122002KXA
SVFL2805D/H+	5962P1121401HXC	SVRHF2805S/H+	5962R1323102HXC	SVTR2805SF/H	5962P1122002HYC
SVFL2805D/H+-E	5962P1121401HXA	SVRHF2805S/H+-E	5962R1323102HXA	SVTR2805SF/H-E	5962P1122002HYA
SVFL2805D/K	5962P1121401KXC	SVRHF2805S/K+	5962R1323102KXC	SVTR2805SF/K	5962P1122002KYC
SVFL2805D/K-E	5962P1121401KXA	SVRHF2805S/K+-E	5962R1323102KXA	SVTR2805SF/K-E	5962P1122002KYA
SVFL2805DF/H+	5962P1121401HYC	SVRHF2805SF/H+	5962R1323102HYC	AFL2806.5DW/CH	5962-9863801HUA
SVFL2805DF/H+-E	5962P1121401HYA	SVRHF2805SF/H+-E	5962R1323102HYA	AFL2806.5DW/CH	5962-9863801HUC
SVFL2805DF/K+	5962P1121401KYC	SVRHF2805SF/K+	5962R1323102KYC	AFL2806.5DX/CH	5962-9863801HXA
SVFL2805DF/K+-E	5962P1121401KYA	SVRHF2805SF/K+-E	5962R1323102KYA	AFL2806.5DX/CH	5962-9863801HXC
SVFL2805S/H+	5962P1121702HXC	SVRSA2805D/H+	5962R1521801HXC	AFL2806.5DY/CH	5962-9863801HYA
SVFL2805S/H+-E	5962P1121702HXA	SVRSA2805D/H+-E	5962R1521801HXA	AFL2806.5DY/CH	5962-9863801HYC
SVFL2805S/K	5962P1121702KXC	SVRSA2805D/K	5962R1521801KXC	AFL2806.5DZ/CH	5962-9863801HZA
SVFL2805S/K-E	5962P1121702KXA	SVRSA2805D/K-E	5962R1521801KXA	AFL2806.5DZ/CH	5962-9863801HZC
SVFL2805SF/H+	5962P1121702HYC	SVRSA2805DF/H+	5962R1521801HYC	DVFL2807S/H	5962-0724305HXC
SVFL2805SF/H+-E	5962P1121702HYA	SVRSA2805DF/H+-E	5962R1521801HYA	DVFL2807S/H-E	5962-0724305HXA
SVFL2805SF/K+	5962P1121702KYC	SVRSA2805DF/K	5962R1521801KYC	DVFL2807S/K	5962-0724305KXC
SVFL2805SF/K+-E	5962P1121702KYA	SVRSA2805DF/K-E	5962R1521801KYA	DVFL2807S/K-E	5962-0724305KXA
SVHF2805D/H+	5962P1121501HXC	SVRSA2805S/H+	5962R1521702HXC	DVFL2807SF/H	5962-0724305HYC
SVHF2805D/H+-E	5962P1121501HXA	SVRSA2805S/H+-E	5962R1521702HXA	DVFL2807SF/H-E	5962-0724305HYA
SVHF2805D/K	5962P1121501KXC	SVRSA2805S/K	5962R1521702KXC	DVFL2807SF/K	5962-0724305KYC
SVHF2805D/K-E	5962P1121501KXA	SVRSA2805S/K-E	5962R1521702KXA	DVFL2807SF/K-E	5962-0724305KYA
SVHF2805DF/H+	5962P1121501HYC	SVRSA2805SF/H+	5962R1521702HYC	MFK2807D (GEN)	5962-1421102HXA
SVHF2805DF/H+-E	5962P1121501HYA	SVRSA2805SF/H+-E	5962R1521702HYA	MFK2807D (GEN)	5962-1421102HZA
SVHF2805DF/K	5962P1121501KYC	SVRSA2805SF/K	5962R1521702KYC	MFK2807D/883	5962-1421106HXA
SVHF2805DF/K-E	5962P1121501KYA	SVRSA2805SF/K-E	5962R1521702KYA	MFK2807D/883	5962-1421106HXC
SVHF2805S/H+	5962P1121802HXC	SVRTR2805S/H+	5962R1320902HXC	MFK2807DF/883	5962-1421106HZA
SVHF2805S/H+-E	5962P1121802HXA	SVRTR2805S/H+-E	5962R1320902HXA	MFK2807DF/883	5962-1421106HZC
SVHF2805S/K	5962P1121802KXC	SVRTR2805S/K	5962R1320902KXC	S2807S/CKA	5962-1321601KXA
SVHF2805S/K-E	5962P1121802KXA	SVRTR2805S/K-E	5962R1320902KXA	S2807S/CKC	5962-1321601KXC
SVHF2805SF/H+	5962P1121802HYC	SVRTR2805SF/H+	5962R1320902HYC	SVSA28075D/H+	5962P1121601HXC
SVHF2805SF/H+-E	5962P1121802HYA	SVRTR2805SF/H+-E	5962R1320902HYA	SVSA28075D/H+-E	5962P1121601HXA
SVHF2805SF/K	5962P1121802KYC	SVRTR2805SF/K	5962R1320902KYC	SVSA28075D/K	5962P1121601KXC
SVHF2805SF/K-E	5962P1121802KYA	SVRTR2805SF/K-E	5962R1320902KYA	SVSA28075D/K-E	5962P1121601KXA
SVRFL2805D/H+	5962R1323401HXC	SVSA2805D/H+	5962P1121601HXC	AFL2808SW/CH	5962-9665901HUA
SVRFL2805D/H+-E	5962R1323401HXA	SVSA2805D/H+-E	5962P1121601HXA	AFL2808SW/CH	5962-9665901HUC
SVRFL2805D/K+	5962R1323401KXC	SVSA2805D/K	5962P1121601KXC	AFL2808SX/CH	5962-9665901HXA
SVRFL2805D/K+-E	5962R1323401KXA	SVSA2805D/K-E	5962P1121601KXA	AFL2808SX/CH	5962-9665901HXC
SVRFL2805S/H+	5962R1323302HXC	SVSA2805S/H+	5962P1121902HXC	AFL2808SY/CH	5962-9665901HYA
SVRFL2805S/H+-E	5962R1323302HXA	SVSA2805S/H+-E	5962P1121902HXA	AFL2808SY/CH	5962-9665901HYC
SVRFL2805S/K+	5962R1323302KXC	SVSA2805S/K	5962P1121902KXC	AFL2808SZ/CH	5962-9665901HZA
SVRFL2805S/K+-E	5962R1323302KXA	SVSA2805S/K-E	5962P1121902KXA	AFL2808SZ/CH	5962-9665901HZC
SVRFL2805SF/H+	5962R1323302HYC	SVTR2805D/H	5962P1122301HXC	DVTR2808D/H	5962-1122504HXC
SVRFL2805SF/H+-E	5962R1323302HYA	SVTR2805D/H-E	5962P1122301HXA	DVTR2808D/H-E	5962-1122504HXA
SVRFL2805SF/K	5962R1323302KYC	SVTR2805D/K	5962P1122301KXC	DVTR2808D/K	5962-1122504KXC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
DVTR2808D/K-E	5962-1122504KXA	AFL2812SZ/CH	5962-9472201HZC	ATW2812D/CH-SLV	5962-9210902HZA
DVTR2808DF/H	5962-1122504HYC	AHE2812D/CH	5962-9204001HXA	ATW2812S/CH	5962-9211001HZA
DVTR2808DF/H-E	5962-1122504HYA	AHE2812D/CH-MSTR	5962-9204003HXA	ATW2812S/CH-MSTR	5962-9211003HZA
DVTR2808DF/K	5962-1122504KYC	AHE2812D/CH-SLV	5962-9204002HXA	ATW2812S/CH-SLV	5962-9211002HZA
DVTR2808DF/K-E	5962-1122504KYA	AHE2812DF/CH	5962-9204001HZA	DAC2812SH	5962-9309303HUC
DVTR2808S/H	5962-1122409HXC	AHE2812DF/CH-MSTR	5962-9204003HZA	DAC2812SH	5962-9463102HYC
DVTR2808S/H-E	5962-1122409HXA	AHE2812DF/CH-SLV	5962-9204002HZA	DVAB2812D/H	5962-1423202HXC
DVTR2808S/K	5962-1122409KXC	AHE2812S/CH	5962-9158001HXA	DVAB2812D/H-E	5962-1423202HXA
DVTR2808S/K-E	5962-1122409KXA	AHE2812S/CH	5962-9158001HXC	DVAB2812D/K	5962-1423202KXC
DVTR2808SF/H	5962-1122409HYC	AHE2812S/CH-MSTR	5962-9158003HXA	DVAB2812D/K-E	5962-1423202KXA
DVTR2808SF/H-E	5962-1122409HYA	AHE2812S/CH-MSTR	5962-9158003HXC	DVAB2812DF/H	5962-1423202HYC
DVTR2808SF/K	5962-1122409KYC	AHE2812S/CH-SLV	5962-9158002HXA	DVAB2812DF/H-E	5962-1423202HYA
DVTR2808SF/K-E	5962-1122409KYA	AHE2812S/CH-SLV	5962-9158002HXC	DVAB2812DF/K	5962-1423202KYC
SVTR2808D/H	5962P1122304HXC	AHE2812SF/CH	5962-9158001HZA	DVAB2812DF/K-E	5962-1423202KYA
SVTR2808D/H-E	5962P1122304HXA	AHE2812SF/CH	5962-9158001HZC	DVCH2812D/H	5962-0924302HXC
SVTR2808D/K	5962P1122304KXC	AHE2812SF/CH-MSTR	5962-9158003HZA	DVCH2812D/H-E	5962-0924302HXA
SVTR2808D/K-E	5962P1122304KXA	AHE2812SF/CH-MSTR	5962-9158003HZC	DVCH2812D/K	5962-0924302KXC
SVTR2808DF/H	5962P1122304HYC	AHE2812SF/CH-SLV	5962-9158002HZA	DVCH2812D/K-E	5962-0924302KXA
SVTR2808DF/H-E	5962P1122304HYA	AHE2812SF/CH-SLV	5962-9158002HZC	DVCH2812S/H	5962-0924204HXC
SVTR2808DF/K	5962P1122304KYC	AHF2812D/CH	5962-9211101HXA	DVCH2812S/H-E	5962-0924204HXA
SVTR2808DF/K-E	5962P1122304KYA	AHF2812D/CH	5962-9211101HXC	DVCH2812S/K	5962-0924204KXC
SVTR2808S/H	5962P1122005HXC	AHF2812DF/CH	5962-9211101HZA	DVCH2812S/K-E	5962-0924204KXA
SVTR2808S/H-E	5962P1122005HXA	AHF2812DF/CH	5962-9211101HZC	DVETR2812D/H	5962-1520902HXC
SVTR2808S/K	5962P1122005KXC	AHF2812S/CH	5962-9456801HXA	DVETR2812D/H-E	5962-1520902HXA
SVTR2808S/K-E	5962P1122005KXA	AHF2812S/CH	5962-9456801HXC	DVETR2812D/K	5962-1520902KXC
SVTR2808SF/H	5962P1122005HYC	AHF2812SF/CH	5962-9456801HZA	DVETR2812D/K-E	5962-1520902KXA
SVTR2808SF/H-E	5962P1122005HYA	AHF2812SF/CH	5962-9456801HZC	DVETR2812DF/H	5962-1520902HYC
SVTR2808SF/K	5962P1122005KYC	AHV2812DF/CH	5962-9211401HZA	DVETR2812DF/H-E	5962-1520902HYA
SVTR2808SF/K-E	5962P1122005KYA	AHV2812SF/CH	5962-9211201HZA	DVETR2812DF/K	5962-1520902KYC
2812D (GEN)	5962-9466001HXA	AHV2812TF/CH	5962-9211501HZA	DVETR2812DF/K-E	5962-1520902KYA
2812D (GEN)	5962-9466001HZA	AMA2812D	5962-0425001HXA	DVETR2812S/H	5962-1520805HXC
2812DN (GEN)	5962-9570601HXA	AMA2812D	5962-0425001HXC	DVETR2812S/H-E	5962-1520805HXA
2812S (GEN)	5962-0052701HXA	AMA2812S	5962-0424801HXA	DVETR2812S/K	5962-1520805KXC
2812S (GEN)	5962-9465601HXA	AMA2812S	5962-0424801HXC	DVETR2812S/K-E	5962-1520805KXA
2812S (GEN)	5962-9465601HZA	AMF2812D	5962-0522201HXA	DVETR2812SF/H	5962-1520805HYC
2812SN (GEN)	5962-9570001HXA	AMF2812D	5962-0522201HXC	DVETR2812SF/H-E	5962-1520805HYA
2815SN (GEN)	5962-9570101HXA	AMF2812S	5962-0425301HXA	DVETR2812SF/K	5962-1520805KYC
AFL2812DW/CH	5962-9579601HUA	AMF2812S	5962-0425301HXC	DVETR2812SF/K-E	5962-1520805KYA
AFL2812DW/CH	5962-9579601HUC	ART2812T	5962-0423701KXA	DVFL2812D/H	5962-0724402HXC
AFL2812DX/CH	5962-9579601HXA	ART2812T	5962-0423701KXC	DVFL2812D/H-E	5962-0724402HXA
AFL2812DX/CH	5962-9579601HXC	ASA2812D/CH	5962-9564801HXA	DVFL2812D/K	5962-0724402KXC
AFL2812DY/CH	5962-9579601HYA	ASA2812S/CH	5962-9463101HXA	DVFL2812D/K-E	5962-0724402KXA
AFL2812DY/CH	5962-9579601HYC	ATO2812T/CH	5962-9160201HXA	DVFL2812DF/H	5962-0724402HYC
AFL2812DZ/CH	5962-9579601HZA	ATO2812TF/CH	5962-9160201HZA	DVFL2812DF/H-E	5962-0724402HYA
AFL2812DZ/CH	5962-9579601HZC	ATR2812D/CH	5962-9462701HXA	DVFL2812DF/K	5962-0724402KYC
AFL2812SW/CH	5962-9472201HUA	ATR2812DF/CH	5962-9462701HZA	DVFL2812DF/K-E	5962-0724402KYA
AFL2812SW/CH	5962-9472201HUC	ATR2812S/CH	5962-9462501HXA	DVFL2812S/H	5962-0724303HXC
AFL2812SX/CH	5962-9472201HXA	ATR2812SF/CH	5962-9462501HZA	DVFL2812S/H-E	5962-0724303HXA
AFL2812SX/CH	5962-9472201HXC	ATR2812T/CH	5962-9315801HXA	DVFL2812S/K	5962-0724303KXC
AFL2812SY/CH	5962-9472201HYA	ATR2812TF/CH	5962-9315801HZA	DVFL2812S/K-E	5962-0724303KXA
AFL2812SY/CH	5962-9472201HYC	ATW2812D/CH	5962-9210901HZA	DVFL2812SF/H	5962-0724303HYC
AFL2812SZ/CH	5962-9472201HZA	ATW2812D/CH-MSTR	5962-9210903HZA	DVFL2812SF/H-E	5962-0724303HYA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
DVFL2812SF/K	5962-0724303KYC	DVTR2812S/H	5962-1122405HXC	MFL2812S (GEN)	5962-9316201HYA
DVFL2812SF/K-E	5962-0724303KYA	DVTR2812S/H-E	5962-1122405HXA	MFL2812S (GEN)	5962-9316201HZA
DVHF2812D/H	5962-0324402HXC	DVTR2812S/K	5962-1122405KXC	MFL2812S/883	5962-9316201HXA
DVHF2812D/H-E	5962-0324402HXA	DVTR2812S/K-E	5962-1122405KXA	MFL2812S/883	5962-9316201HXC
DVHF2812D/K	5962-0324402KXC	DVTR2812SF/H	5962-1122405HYC	MGA2812D/883	5962-9308901HYA
DVHF2812D/K-E	5962-0324402KXA	DVTR2812SF/H-E	5962-1122405HYA	MGA2812D/883	5962-9308901HYC
DVHF2812DF/H	5962-0324402HYC	DVTR2812SF/K	5962-1122405KYC	MGA2812DZ/883	5962-9308901HZA
DVHF2812DF/H-E	5962-0324402HYA	DVTR2812SF/K-E	5962-1122405KYA	MGA2812S/883	5962-9309301HYA
DVHF2812DF/K	5962-0324402KYC	LS2812D	5962-0524101KXA	MGA2812S/883	5962-9309301HYC
DVHF2812DF/K-E	5962-0324402KYA	LS2812D	5962-0524101KXC	MGA2812SZ/883	5962-9309301HZA
DVHF2812S/H	5962-0324304HXC	LS2812DN/CKA	5962-0524101KYA	MGH2812D/883	5962-9570301HYA
DVHF2812S/H-E	5962-0324304HXA	LS2812DN/CKC	5962-0524101KYC	MGH2812D/883	5962-9570301HYC
DVHF2812S/K	5962-0324304KXC	LS2812S	5962-0624101KXA	MGH2812DZ/883	5962-9570301HZA
DVHF2812S/K-E	5962-0324304KXA	LS2812S	5962-0624101KXC	MGH2812S/883	5962-9569701HYA
DVHF2812SF/H	5962-0324304HYC	LS2812SN/CKA	5962-0624101KYA	MGH2812S/883	5962-9569701HYC
DVHF2812SF/H-E	5962-0324304HYA	LS2812SN/CKC	5962-0624101KYC	MGH2812SZ/883	5962-9569701HZA
DVHF2812SF/K	5962-0324304KYC	LSO2812D	5962-1522409KXA	MHF+2812D/883	5962-9214401HXA
DVHF2812SF/K-E	5962-0324304KYA	LSO2812D	5962-1522409KXC	MHF+2812D/883	5962-9214401HXC
DVHV2812D/H	5962-1122702HXC	LSO2812S	5962-1522406KXA	MHF+2812D/883-MOD	5962-9214401HYA
DVHV2812D/H-E	5962-1122702HXA	LSO2812S	5962-1522406KXC	MHF+2812D/883-MOD	5962-9214401HYC
DVHV2812D/K	5962-1122702KXC	LSO2812S	5962L1522406KXA	MHF+2812DF/883	5962-9214401HZA
DVHV2812D/K-E	5962-1122702KXA	LSO2812S	5962L1522406KXC	MHF+2812DF/883	5962-9214401HXC
DVHV2812DF/H	5962-1122702HYC	LSO2812S	5962R1522406KXA	MHF+2812S/883	5962-9166401HXA
DVHV2812DF/H-E	5962-1122702HYA	LSO2812S	5962R1522406KXC	MHF+2812S/883	5962-9166401HXC
DVHV2812DF/K	5962-1122702KYC	LSOL2812D	5962L1522409KXA	MHF+2812SF/883	5962-9166401HZA
DVHV2812DF/K-E	5962-1122702KYA	LSOL2812D	5962L1522409KXC	MHF+2812SF/883	5962-9166401HXC
DVHV2812S/H	5962-1122604HXC	LSOR2812D	5962R1522409KXA	MHV2812D/883	5962-9852601HXA
DVHV2812S/H-E	5962-1122604HXA	LSOR2812D	5962R1522409KXC	MHV2812D/883	5962-9852601HXC
DVHV2812S/K	5962-1122604KXC	MCH2812D/883	5962-9570301HXA	MHV2812DF/883	5962-9852601HZA
DVHV2812S/K-E	5962-1122604KXA	MCH2812D/883	5962-9570301HXC	MHV2812DF/883	5962-9852601HXC
DVHV2812SF/H	5962-1122604HYC	MCH2812S/883	5962-9569701HXA	MHV2812S/883	5962-9852301HXA
DVHV2812SF/H-E	5962-1122604HYA	MCH2812S/883	5962-9569701HXC	MHV2812S/883	5962-9852301HXC
DVHV2812SF/K	5962-1122604KYC	MFK2812D (GEN)	5962-1421103HXA	MHV2812SF/883	5962-9852301HZA
DVHV2812SF/K-E	5962-1122604KYA	MFK2812D (GEN)	5962-1421103HZA	MHV2812SF/883	5962-9852301HXC
DVSA2812D/H	5962-0324202HXC	MFK2812D/883	5962-1421107HXA	MOR2812D/883	5962-9956201HXA
DVSA2812D/H-E	5962-0324202HXA	MFK2812D/883	5962-1421107HXC	MOR2812D/883	5962-9956201HXC
DVSA2812D/K	5962-0324202KXC	MFK2812DF/883	5962-1421107HZA	MOR2812DV/883	5962-9956201HUA
DVSA2812D/K-E	5962-0324202KXA	MFK2812DF/883	5962-1421107HXC	MOR2812DV/883	5962-9956201HUC
DVSA2812DF/K	5962-0324202KYC	MFK2812S (GEN)	5962-1421006HXA	MOR2812DW/883	5962-9956201HTA
DVSA2812DF/K-E	5962-0324202KYA	MFK2812S (GEN)	5962-1421006HZA	MOR2812DW/883	5962-9956201HTC
DVSA2812S/H	5962-0324104HXC	MFK2812S/883	5962-1421015HXA	MOR2812DY/883	5962-9956201HYA
DVSA2812S/H-E	5962-0324104HXA	MFK2812S/883	5962-1421015HXC	MOR2812DY/883	5962-9956201HYC
DVSA2812S/K	5962-0324104KXC	MFK2812SF/883	5962-1421015HZA	MOR2812DZ/883	5962-9956201HZA
DVSA2812S/K-E	5962-0324104KXA	MFK2812SF/883	5962-1421015HXC	MOR2812DZ/883	5962-9956201HXC
DVTR2812D/H	5962-1122502HXC	MFL2812D (GEN)	5962-9319201HTA	MOR2812S/883	5962-9954901HXA
DVTR2812D/H-E	5962-1122502HXA	MFL2812D (GEN)	5962-9319201HUA	MOR2812S/883	5962-9954901HXC
DVTR2812D/K	5962-1122502KXC	MFL2812D (GEN)	5962-9319201HYA	MOR2812SV/883	5962-9954901HUA
DVTR2812D/K-E	5962-1122502KXA	MFL2812D (GEN)	5962-9319201HZA	MOR2812SV/883	5962-9954901HUC
DVTR2812DF/H	5962-1122502HYC	MFL2812D/883	5962-9319201HXA	MOR2812SW/883	5962-9954901HTA
DVTR2812DF/H-E	5962-1122502HYA	MFL2812D/883	5962-9319201HXC	MOR2812SW/883	5962-9954901HTC
DVTR2812DF/K	5962-1122502KYC	MFL2812S (GEN)	5962-9316201HTA	MOR2812SY/883	5962-9954901HYA
DVTR2812DF/K-E	5962-1122502KYA	MFL2812S (GEN)	5962-9316201HUA	MOR2812SY/883	5962-9954901HYC



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MOR2812SZ/883	5962-9954901HZA	SMFL2812D (GEN)	5962L9319202HTA	SMFL2812S (GEN)	5962R9316202KZA
MOR2812SZ/883	5962-9954901HZC	SMFL2812D (GEN)	5962L9319202HYA	SMFL2812S/HL	5962L9316202HXA
MSA2812D/883	5962-9308901HXA	SMFL2812D (GEN)	5962L9319202HZA	SMFL2812S/HL	5962L9316202HXC
MSA2812D/883	5962-9308901HXC	SMFL2812D (GEN)	5962L9319202KTA	SMFL2812S/HP	5962P9316202HXA
MSA2812S/883	5962-9309301HXA	SMFL2812D (GEN)	5962L9319202KYA	SMFL2812S/HP	5962P9316202HXC
MSA2812S/883	5962-9309301HXC	SMFL2812D (GEN)	5962L9319202KZA	SMFL2812S/HR	5962R9316202HXA
MTR2812D/883	5962-9307101HXA	SMFL2812D (GEN)	5962P9319202HTA	SMFL2812S/HR	5962R9316202HXC
MTR2812D/883	5962-9307101HXC	SMFL2812D (GEN)	5962P9319202HYA	SMFL2812S/KL	5962L9316202KXA
MTR2812D/883	5962-9307103HXA	SMFL2812D (GEN)	5962P9319202HZA	SMFL2812S/KL	5962L9316202KXC
MTR2812D/883	5962-9307103HXC	SMFL2812D (GEN)	5962P9319202KTA	SMFL2812S/KP	5962P9316202KXA
MTR2812DF/883	5962-9307101HZA	SMFL2812D (GEN)	5962P9319202KYA	SMFL2812S/KP	5962P9316202KXC
MTR2812DF/883	5962-9307101HZC	SMFL2812D (GEN)	5962P9319202KZA	SMFL2812S/KR	5962R9316202KXA
MTR2812DF/883	5962-9307103HZA	SMFL2812D (GEN)	5962R9319202HTA	SMFL2812S/KR	5962R9316202KXC
MTR2812DF/883	5962-9307103HZC	SMFL2812D (GEN)	5962R9319202HYA	SMFL2812SV/HR	5962R9316202HUA
MTR2812S/883	5962-9306901HXA	SMFL2812D (GEN)	5962R9319202HZA	SMFL2812SV/HR	5962R9316202HUC
MTR2812S/883	5962-9306901HXC	SMFL2812D (GEN)	5962R9319202KTA	SMFL2812SV/KR	5962R9316202KUA
MTR2812S/883	5962-9306903HXA	SMFL2812D (GEN)	5962R9319202KYA	SMFL2812SV/KR	5962R9316202KUC
MTR2812S/883	5962-9306903HXC	SMFL2812D (GEN)	5962R9319202KZA	SMHF2812D (GEN)	5962-9214402HXA
MTR2812SF/883	5962-9306901HZA	SMFL2812D/HL	5962L9319202HXA	SMHF2812D (GEN)	5962-9214402HZA
MTR2812SF/883	5962-9306901HZC	SMFL2812D/HL	5962L9319202HXC	SMHF2812D/HL	5962L9214402HXA
MTR2812SF/883	5962-9306903HZA	SMFL2812D/HP	5962P9319202HXA	SMHF2812D/HL	5962L9214402HXC
MTR2812SF/883	5962-9306903HZC	SMFL2812D/HP	5962P9319202HXC	SMHF2812D/HP	5962P9214402HXA
S2812D	5962-0424301KXA	SMFL2812D/HR	5962R9319202HXA	SMHF2812D/HP	5962P9214402HXC
S2812D	5962-0424301KXC	SMFL2812D/HR	5962R9319202HXC	SMHF2812D/HR	5962R9214402HXA
S2812S	5962-0424001KXA	SMFL2812D/KL	5962L9319202KXA	SMHF2812D/HR	5962R9214402HXC
S2812S	5962-0424001KXC	SMFL2812D/KL	5962L9319202KXC	SMHF2812D/KL	5962L9214402KXA
SLH2812D (GEN)	5962-9955601HXA	SMFL2812D/KP	5962P9319202KXA	SMHF2812D/KL	5962L9214402KXC
SLH2812D (GEN)	5962L9955601HXA	SMFL2812D/KP	5962P9319202KXC	SMHF2812D/KP	5962P9214402KXA
SLH2812D (GEN)	5962L9955601KXA	SMFL2812D/KR	5962R9319202KXA	SMHF2812D/KP	5962P9214402KXC
SLH2812D (GEN)	5962R9955601HXA	SMFL2812D/KR	5962R9319202KXC	SMHF2812D/KR	5962R9214402KXA
SLH2812D (GEN)	5962R9955601KXA	SMFL2812DV/HL	5962L9319202HUA	SMHF2812D/KR	5962R9214402KXC
SLH2812D/HL	5962L9955602HXA	SMFL2812DV/HL	5962L9319202HUC	SMHF2812DF/HL	5962L9214402HZA
SLH2812D/HL	5962L9955602HXC	SMFL2812DV/HP	5962P9319202HUA	SMHF2812DF/HL	5962L9214402HZC
SLH2812D/HR	5962R9955602HXA	SMFL2812DV/HP	5962P9319202HUC	SMHF2812DF/HP	5962P9214402HZA
SLH2812D/HR	5962R9955602HXC	SMFL2812DV/HR	5962R9319202HUA	SMHF2812DF/HP	5962P9214402HZC
SLH2812D/KL	5962L9955602KXA	SMFL2812DV/HR	5962R9319202HUC	SMHF2812DF/HR	5962R9214402HZA
SLH2812D/KL	5962L9955602KXC	SMFL2812DV/KL	5962L9319202KUA	SMHF2812DF/HR	5962R9214402HZC
SLH2812D/KR	5962R9955602KXA	SMFL2812DV/KL	5962L9319202KUC	SMHF2812DF/KL	5962L9214402KZA
SLH2812D/KR	5962R9955602KXC	SMFL2812DV/KP	5962P9319202KUA	SMHF2812DF/KL	5962L9214402KZC
SLH2812S/HL	5962L0052701HXA	SMFL2812DV/KP	5962P9319202KUC	SMHF2812DF/KP	5962P9214402KZA
SLH2812S/HL	5962L0052701HXC	SMFL2812DV/KR	5962R9319202KUA	SMHF2812DF/KP	5962P9214402KZC
SLH2812S/HR	5962R0052701HXA	SMFL2812DV/KR	5962R9319202KUC	SMHF2812DF/KR	5962R9214402KZA
SLH2812S/HR	5962R0052701HXC	SMFL2812S (GEN)	5962-9316202HTA	SMHF2812DF/KR	5962R9214402KZC
SLH2812S/KL	5962L0052701KXA	SMFL2812S (GEN)	5962-9316202HUA	SMHF2812S (GEN)	5962-9166402HXA
SLH2812S/KL	5962L0052701KXC	SMFL2812S (GEN)	5962-9316202HXA	SMHF2812S (GEN)	5962-9166402HZA
SLH2812S/KR	5962R0052701KXA	SMFL2812S (GEN)	5962-9316202HYA	SMHF2812S/HL	5962L9166402HXA
SLH2812S/KR	5962R0052701KXC	SMFL2812S (GEN)	5962-9316202HZA	SMHF2812S/HL	5962L9166402HXC
SMFL2812D (GEN)	5962-9319202HTA	SMFL2812S (GEN)	5962R9316202HTA	SMHF2812S/HP	5962P9166402HXA
SMFL2812D (GEN)	5962-9319202HUA	SMFL2812S (GEN)	5962R9316202HYA	SMHF2812S/HP	5962P9166402HXC
SMFL2812D (GEN)	5962-9319202HXA	SMFL2812S (GEN)	5962R9316202HZA	SMHF2812S/HR	5962R9166402HXA
SMFL2812D (GEN)	5962-9319202HYA	SMFL2812S (GEN)	5962R9316202KTA	SMHF2812S/HR	5962R9166402HXC
SMFL2812D (GEN)	5962-9319202HZA	SMFL2812S (GEN)	5962R9316202KYA	SMHF2812S/KL	5962L9166402KXA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SMHF2812S/KL	5962L9166402KXC	SMSA2812D/KL	5962L9308903KXA	SMTR2812S/HP	5962P9306902HXC
SMHF2812S/KP	5962P9166402KXA	SMSA2812D/KL	5962L9308903KXC	SMTR2812S/HR	5962R9306902HXA
SMHF2812S/KP	5962P9166402KXC	SMSA2812D/KP	5962P9308902KXA	SMTR2812S/HR	5962R9306902HXC
SMHF2812S/KR	5962R9166402KXA	SMSA2812D/KP	5962P9308902KXC	SMTR2812S/KL	5962L9306902KXA
SMHF2812S/KR	5962R9166402KXC	SMSA2812D/KR	5962R9308902KXA	SMTR2812S/KL	5962L9306902KXC
SMHF2812SF/HL	5962L9166402HZA	SMSA2812D/KR	5962R9308902KXC	SMTR2812S/KP	5962P9306902KXA
SMHF2812SF/HL	5962L9166402HXC	SMSA2812S (GEN)	5962-9309302HXA	SMTR2812S/KP	5962P9306902KXC
SMHF2812SF/HP	5962P9166402HZA	SMSA2812S (GEN)	5962L9309302HXA	SMTR2812S/KR	5962R9306902KXA
SMHF2812SF/HP	5962P9166402HXC	SMSA2812S (GEN)	5962L9309302KXA	SMTR2812S/KR	5962R9306902KXC
SMHF2812SF/HR	5962R9166402HZA	SMSA2812S/HL	5962L9309304HXA	SMTR2812SF/HL	5962L9306902HZA
SMHF2812SF/HR	5962R9166402HXC	SMSA2812S/HL	5962L9309304HXC	SMTR2812SF/HL	5962L9306902HXC
SMHF2812SF/KL	5962L9166402KZA	SMSA2812S/HP	5962P9309302HXA	SMTR2812SF/HP	5962P9306902HZA
SMHF2812SF/KL	5962L9166402KXC	SMSA2812S/HP	5962P9309302HXC	SMTR2812SF/HP	5962P9306902HXC
SMHF2812SF/KP	5962P9166402KZA	SMSA2812S/HR	5962R9309302HXA	SMTR2812SF/HR	5962R9306902HZA
SMHF2812SF/KP	5962P9166402KXC	SMSA2812S/HR	5962R9309302HXC	SMTR2812SF/HR	5962R9306902HXC
SMHF2812SF/KR	5962R9166402KZA	SMSA2812S/KL	5962L9309304KXA	SMTR2812SF/KL	5962L9306902KZA
SMHF2812SF/KR	5962R9166402KXC	SMSA2812S/KL	5962L9309304KXC	SMTR2812SF/KL	5962L9306902KXC
SMRT2812D (GEN)	5962-0720201HXA	SMSA2812S/KP	5962P9309302KXA	SMTR2812SF/KP	5962P9306902KZA
SMRT2812D (GEN)	5962F0720201KXA	SMSA2812S/KP	5962P9309302KXC	SMTR2812SF/KP	5962P9306902KXC
SMRT2812D (GEN)	5962L0720201HXA	SMSA2812S/KR	5962R9309302KXA	SMTR2812SF/KR	5962R9306902KZA
SMRT2812D (GEN)	5962L0720201KXA	SMSA2812S/KR	5962R9309302KXC	SMTR2812SF/KR	5962R9306902KXC
SMRT2812D (GEN)	5962P0720201HXA	SMTR2812 (GEN)	5962-9306902HXA	SVFL2812D/H+	5962P1121402HXC
SMRT2812D (GEN)	5962P0720201KXA	SMTR2812 (GEN)	5962-9306902HZA	SVFL2812D/H+-E	5962P1121402HXA
SMRT2812D (GEN)	5962R0720201HXA	SMTR2812 (GEN)	5962-9307102HXA	SVFL2812D/K	5962P1121402KXC
SMRT2812D (GEN)	5962R0720201KXA	SMTR2812 (GEN)	5962-9307102HZA	SVFL2812D/K-E	5962P1121402KXA
SMRT2812D/EKL	5962L0720201EXA	SMTR2812D/HL	5962L9307102HXA	SVFL2812DF/H+	5962P1121402HXC
SMRT2812D/EKL	5962L0720201EXC	SMTR2812D/HL	5962L9307102HXC	SVFL2812DF/H+-E	5962P1121402HXA
SMRT2812D/EKP	5962P0720201EXA	SMTR2812D/HP	5962P9307102HXA	SVFL2812DF/K+	5962P1121402KXC
SMRT2812D/EKP	5962P0720201EXC	SMTR2812D/HP	5962P9307102HXC	SVFL2812DF/K+-E	5962P1121402KXA
SMRT2812D/EKR	5962R0720201EXA	SMTR2812D/HR	5962R9307102HXA	SVFL2812S/H+	5962P1121703HXC
SMRT2812D/EKR	5962R0720201EXC	SMTR2812D/HR	5962R9307102HXC	SVFL2812S/H+-E	5962P1121703HXA
SMRT2812S (GEN)	5962-0821001HXA	SMTR2812D/KL	5962L9307102KXA	SVFL2812S/K	5962P1121703KXC
SMRT2812S (GEN)	5962F0821001KXA	SMTR2812D/KL	5962L9307102KXC	SVFL2812S/K-E	5962P1121703KXA
SMRT2812S (GEN)	5962P0821001HXA	SMTR2812D/KP	5962P9307102KXA	SVFL2812SF/H+	5962P1121703HXC
SMRT2812S (GEN)	5962P0821001KXA	SMTR2812D/KP	5962P9307102KXC	SVFL2812SF/H+-E	5962P1121703HXA
SMRT2812S (GEN)	5962R0821001HXA	SMTR2812D/KR	5962R9307102KXA	SVFL2812SF/K+	5962P1121703KXC
SMRT2812S (GEN)	5962R0821001KXA	SMTR2812D/KR	5962R9307102KXC	SVFL2812SF/K+-E	5962P1121703KXA
SMRT2812S/EKL	5962L0821001EXA	SMTR2812DF/HL	5962L9307102HZA	SVHF2812D/H+	5962P1121502HXC
SMRT2812S/EKL	5962L0821001EXC	SMTR2812DF/HL	5962L9307102HXC	SVHF2812D/H+-E	5962P1121502HXA
SMRT2812S/EKP	5962P0821001EXA	SMTR2812DF/HP	5962P9307102HZA	SVHF2812D/K	5962P1121502KXC
SMRT2812S/EKP	5962P0821001EXC	SMTR2812DF/HP	5962P9307102HXC	SVHF2812D/K-E	5962P1121502KXA
SMRT2812S/EKR	5962R0821001EXA	SMTR2812DF/HR	5962R9307102HZA	SVHF2812DF/H+	5962P1121502HXC
SMRT2812S/EKR	5962R0821001EXC	SMTR2812DF/HR	5962R9307102HXC	SVHF2812DF/H+-E	5962P1121502HXA
SMSA2812D (GEN)	5962-9308902HXA	SMTR2812DF/KL	5962L9307102KZA	SVHF2812DF/K	5962P1121502KXC
SMSA2812D (GEN)	5962L9308902HXA	SMTR2812DF/KL	5962L9307102KXC	SVHF2812DF/K-E	5962P1121502KXA
SMSA2812D (GEN)	5962L9308902KXA	SMTR2812DF/KP	5962P9307102KZA	SVHF2812S/H+	5962P1121803HXC
SMSA2812D/HL	5962L9308903HXA	SMTR2812DF/KP	5962P9307102KXC	SVHF2812S/H+-E	5962P1121803HXA
SMSA2812D/HL	5962L9308903HXC	SMTR2812DF/KR	5962R9307102KZA	SVHF2812S/K	5962P1121803KXC
SMSA2812D/HP	5962P9308902HXA	SMTR2812DF/KR	5962R9307102KXC	SVHF2812S/K-E	5962P1121803KXA
SMSA2812D/HP	5962P9308902HXC	SMTR2812S/HL	5962L9306902HXA	SVHF2812SF/H+	5962P1121803HXC
SMSA2812D/HR	5962R9308902HXA	SMTR2812S/HL	5962L9306902HXC	SVHF2812SF/H+-E	5962P1121803HXA
SMSA2812D/HR	5962R9308902HXC	SMTR2812S/HP	5962P9306902HXA	SVHF2812SF/K	5962P1121803KXC

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SVHF2812SF/K-E	5962P1121803KYA	SVRTR2812DF/K-E	5962R1321001KYA	AFL2815SW/CH	5962-9472301HUC
SVRFL2812D/H+	5962R1323402HXC	SVRTR2812S/H+	5962R1320903HXC	AFL2815SX/CH	5962-9472301HXA
SVRFL2812D/H+-E	5962R1323402HXA	SVRTR2812S/H+-E	5962R1320903HXA	AFL2815SX/CH	5962-9472301HXC
SVRFL2812D/K+	5962R1323402KXC	SVRTR2812S/K	5962R1320903KXC	AFL2815SY/CH	5962-9472301HYA
SVRFL2812D/K+-E	5962R1323402KXA	SVRTR2812S/K-E	5962R1320903KXA	AFL2815SY/CH	5962-9472301HYC
SVRFL2812S/H+	5962R1323303HXC	SVRTR2812SF/H+	5962R1320903HYC	AFL2815SZ/CH	5962-9472301HZA
SVRFL2812S/H+-E	5962R1323303HXA	SVRTR2812SF/H+-E	5962R1320903HYA	AFL2815SZ/CH	5962-9472301HZC
SVRFL2812S/K+	5962R1323303KXC	SVRTR2812SF/K	5962R1320903KYC	AHE2815D/CH	5962-9157501HXA
SVRFL2812S/K+-E	5962R1323303KXA	SVRTR2812SF/K-E	5962R1320903KYA	AHE2815D/CH-MSTR	5962-9157503HXA
SVRFL2812SF/H+	5962R1323303HYC	SVSA2812D/H+	5962P1121602HXC	AHE2815D/CH-SLV	5962-9157502HXA
SVRFL2812SF/H+-E	5962R1323303HYA	SVSA2812D/H+-E	5962P1121602HXA	AHE2815DF/CH	5962-9157501HZA
SVRFL2812SF/K	5962R1323303KYC	SVSA2812D/K	5962P1121602KXC	AHE2815DF/CH-MSTR	5962-9157503HZA
SVRFL2812SF/K-E	5962R1323303KYA	SVSA2812D/K-E	5962P1121602KXA	AHE2815DF/CH-SLV	5962-9157502HZA
SVRHF2812D/H+	5962R1323202HXC	SVSA2812S/H+	5962P1121903HXC	AHE2815S/CH	5962-9162501HXA
SVRHF2812D/H+-E	5962R1323202HXA	SVSA2812S/H+-E	5962P1121903HXA	AHE2815S/CH	5962-9162501HXC
SVRHF2812D/K+	5962R1323202KXC	SVSA2812S/K	5962P1121903KXC	AHE2815S/CH-MSTR	5962-9162503HXA
SVRHF2812D/K+-E	5962R1323202KXA	SVSA2812S/K-E	5962P1121903KXA	AHE2815S/CH-MSTR	5962-9162503HXC
SVRHF2812DF/H+	5962R1323202HYC	SVTR2812D/H	5962P1122302HXC	AHE2815S/CH-SLV	5962-9162502HXA
SVRHF2812DF/H+-E	5962R1323202HYA	SVTR2812D/H-E	5962P1122302HXA	AHE2815S/CH-SLV	5962-9162502HXC
SVRHF2812DF/K+	5962R1323202KYC	SVTR2812D/K	5962P1122302KXC	AHE2815SF/CH	5962-9162501HZA
SVRHF2812DF/K+-E	5962R1323202KYA	SVTR2812D/K-E	5962P1122302KXA	AHE2815SF/CH	5962-9162501HZC
SVRHF2812S/H+	5962R1323103HXC	SVTR2812DF/H	5962P1122302HYC	AHE2815SF/CH-MSTR	5962-9162503HZA
SVRHF2812S/H+-E	5962R1323103HXA	SVTR2812DF/H-E	5962P1122302HYA	AHE2815SF/CH-MSTR	5962-9162503HZC
SVRHF2812S/K+	5962R1323103KXC	SVTR2812DF/K	5962P1122302KYC	AHE2815SF/CH-SLV	5962-9162502HZA
SVRHF2812S/K+-E	5962R1323103KXA	SVTR2812DF/K-E	5962P1122302KYA	AHE2815SF/CH-SLV	5962-9162502HZC
SVRHF2812SF/H+	5962R1323103HYC	SVTR2812S/H	5962P1122003HXC	AHF2815D/CH	5962-9235101HXA
SVRHF2812SF/H+-E	5962R1323103HYA	SVTR2812S/H-E	5962P1122003HXA	AHF2815D/CH	5962-9235101HXC
SVRHF2812SF/K+	5962R1323103KYC	SVTR2812S/K	5962P1122003KXC	AHF2815DF/CH	5962-9235101HZA
SVRHF2812SF/K+-E	5962R1323103KYA	SVTR2812S/K-E	5962P1122003KXA	AHF2815DF/CH	5962-9235101HZC
SVRSA2812D/H+	5962R1521802HXC	SVTR2812SF/H	5962P1122003HYC	AHF2815S/CH	5962-9456301HXA
SVRSA2812D/H+-E	5962R1521802HXA	SVTR2812SF/H-E	5962P1122003HYA	AHF2815S/CH	5962-9456301HXC
SVRSA2812D/K	5962R1521802KXC	SVTR2812SF/K	5962P1122003KYC	AHF2815SF/CH	5962-9456301HZA
SVRSA2812D/K-E	5962R1521802KXA	SVTR2812SF/K-E	5962P1122003KYA	AHF2815SF/CH	5962-9456301HZC
SVRSA2812DF/H+	5962R1521802HYC	WMF2M8-120DAQ5	5962-9760902HXA	AHF2815T/CH	5962-9462301HXA
SVRSA2812DF/H+-E	5962R1521802HYA	WMF2M8-120DAQ5	5962-9760902HXC	AHF2815T/CH	5962-9462301HXC
SVRSA2812DF/K	5962R1521802KYC	WMF2M8-120DAQE5	5962-9760905HXA	AHF2815TF/CH	5962-9462301HZA
SVRSA2812DF/K-E	5962R1521802KYA	WMF2M8-120DAQE5	5962-9760905HXC	AHF2815TF/CH	5962-9462301HZC
SVRSA2812S/H+	5962R1521703HXC	2815D (GEN)	5962-9466101HXA	AHV2815DF/CH	5962-9177401HZA
SVRSA2812S/H+-E	5962R1521703HXA	2815D (GEN)	5962-9466101HZA	AHV2815SF/CH	5962-9211301HZA
SVRSA2812S/K	5962R1521703KXC	2815DN (GEN)	5962-9570701HXA	AHV2815TF/CH	5962-9211601HZA
SVRSA2812S/K-E	5962R1521703KXA	2815S (GEN)	5962-0052801HXA	AMA2815D	5962-0425101HXA
SVRSA2812SF/H+	5962R1521703HYC	2815S (GEN)	5962-9465701HXA	AMA2815D	5962-0425101HXC
SVRSA2812SF/H+-E	5962R1521703HYA	2815S (GEN)	5962-9465701HZA	AMA2815S	5962-0424901HXA
SVRSA2812SF/K	5962R1521703KYC	AFL2815DW/CH	5962-9472401HUA	AMA2815S	5962-0424901HXC
SVRSA2812SF/K-E	5962R1521703KYA	AFL2815DW/CH	5962-9472401HUC	AMF2815D	5962-0522301HXA
SVRTR2812D/H+	5962R1321001HXC	AFL2815DX/CH	5962-9472401HXA	AMF2815D	5962-0522301HXC
SVRTR2812D/H+-E	5962R1321001HXA	AFL2815DX/CH	5962-9472401HXC	AMF2815S	5962-0425401HXA
SVRTR2812D/K	5962R1321001KXC	AFL2815DY/CH	5962-9472401HYA	AMF2815S	5962-0425401HXC
SVRTR2812D/K-E	5962R1321001KXA	AFL2815DY/CH	5962-9472401HYC	ART2815T	5962-0423401KXA
SVRTR2812DF/H+	5962R1321001HYC	AFL2815DZ/CH	5962-9472401HZA	ART2815T	5962-0423401KXC
SVRTR2812DF/H+-E	5962R1321001HYA	AFL2815DZ/CH	5962-9472401HZC	ASA2815D/CH	5962-9464901HXA
SVRTR2812DF/K	5962R1321001KYC	AFL2815SW/CH	5962-9472301HUA	ASA2815S/CH	5962-9463001HXA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
ATO2815T/CH	5962-9095401HXA	DVFL2815DF/K	5962-0724403KYC	DVTR2815D/H	5962-1122503HXC
ATO2815TF/CH	5962-9095401HZA	DVFL2815DF/K-E	5962-0724403KYA	DVTR2815D/H-E	5962-1122503HXA
ATR2815D/CH	5962-9462801HXA	DVFL2815S/H	5962-0724304HXC	DVTR2815D/K	5962-1122503KXC
ATR2815DF/CH	5962-9462801HZA	DVFL2815S/H-E	5962-0724304HXA	DVTR2815D/K-E	5962-1122503KXA
ATR2815S/CH	5962-9462601HXA	DVFL2815S/K	5962-0724304KXC	DVTR2815DF/H	5962-1122503HYC
ATR2815SF/CH	5962-9462601HZA	DVFL2815S/K-E	5962-0724304KXA	DVTR2815DF/H-E	5962-1122503HYA
ATR2815T/CH	5962-9215901HXA	DVFL2815SF/H	5962-0724304HYC	DVTR2815DF/K	5962-1122503KYC
ATR2815TF/CH	5962-9215901HZA	DVFL2815SF/H-E	5962-0724304HYA	DVTR2815DF/K-E	5962-1122503KYA
ATW2815D/CH	5962-9161301HZA	DVFL2815SF/K	5962-0724304KYC	DVTR2815S/H	5962-1122406HXC
ATW2815D/CH-MSTR	5962-9161303HZA	DVFL2815SF/K-E	5962-0724304KYA	DVTR2815S/H-E	5962-1122406HXA
ATW2815D/CH-SLV	5962-9161302HZA	DVHF2815D/H	5962-0324403HXC	DVTR2815S/K	5962-1122406KXC
ATW2815S/CH	5962-9159904HZA	DVHF2815D/H-E	5962-0324403HXA	DVTR2815S/K-E	5962-1122406KXA
ATW2815S/CH-MSTR	5962-9159906HZA	DVHF2815D/K	5962-0324403KXC	DVTR2815SF/H	5962-1122406HYC
ATW2815S/CH-SLV	5962-9159905HZA	DVHF2815D/K-E	5962-0324403KXA	DVTR2815SF/H-E	5962-1122406HYA
DVAB2815D/H	5962-1423203HXC	DVHF2815DF/H	5962-0324403HYC	DVTR2815SF/K	5962-1122406KYC
DVAB2815D/H-E	5962-1423203HXA	DVHF2815DF/H-E	5962-0324403HYA	DVTR2815SF/K-E	5962-1122406KYA
DVAB2815D/K	5962-1423203KXC	DVHF2815DF/K	5962-0324403KYC	GHP2815S/CK	5962-1021801KXA
DVAB2815D/K-E	5962-1423203KXA	DVHF2815DF/K-E	5962-0324403KYA	GHP2815S/CK	5962-1021801KXC
DVAB2815DF/H	5962-1423203HYC	DVHF2815S/H	5962-0324305HXC	LS2815D	5962-0524201KXA
DVAB2815DF/H-E	5962-1423203HYA	DVHF2815S/H-E	5962-0324305HXA	LS2815D	5962-0524201KXC
DVAB2815DF/K	5962-1423203KYC	DVHF2815S/K	5962-0324305KXC	LS2815DN/CKA	5962-0524201KYA
DVAB2815DF/K-E	5962-1423203KYA	DVHF2815S/K-E	5962-0324305KXA	LS2815DN/CKC	5962-0524201KYC
DVCH2815D/H	5962-0924303HXC	DVHF2815SF/H	5962-0324305HYC	LS2815S	5962-0624201KXA
DVCH2815D/H-E	5962-0924303HXA	DVHF2815SF/H-E	5962-0324305HYA	LS2815S	5962-0624201KXC
DVCH2815D/K	5962-0924303KXC	DVHF2815SF/K	5962-0324305KYC	LS2815SN/CKA	5962-0624201KYA
DVCH2815D/K-E	5962-0924303KXA	DVHF2815SF/K-E	5962-0324305KYA	LS2815SN/CKC	5962-0624201KYC
DVCH2815S/H	5962-0924205HXC	DVHV2815D/H	5962-1122703HXC	LSO2815D	5962-1522410KXA
DVCH2815S/H-E	5962-0924205HXA	DVHV2815D/H-E	5962-1122703HXA	LSO2815D	5962-1522410KXC
DVCH2815S/K	5962-0924205KXC	DVHV2815D/K	5962-1122703KXC	LSO2815S	5962-1522407KXA
DVCH2815S/K-E	5962-0924205KXA	DVHV2815D/K-E	5962-1122703KXA	LSO2815S	5962-1522407KXC
DVETR2815D/H	5962-1520903HXC	DVHV2815DF/H	5962-1122703HYC	LSO2815S	5962L1522407KXA
DVETR2815D/H-E	5962-1520903HXA	DVHV2815DF/H-E	5962-1122703HYA	LSO2815S	5962L1522407KXC
DVETR2815D/K	5962-1520903KXC	DVHV2815DF/K	5962-1122703KYC	LSO2815S	5962R1522407KXA
DVETR2815D/K-E	5962-1520903KXA	DVHV2815DF/K-E	5962-1122703KYA	LSO2815S	5962R1522407KXC
DVETR2815DF/H	5962-1520903HYC	DVHV2815S/H	5962-1122605HXC	LSOL2815D	5962L1522410KXA
DVETR2815DF/H-E	5962-1520903HYA	DVHV2815S/H-E	5962-1122605HXA	LSOL2815D	5962L1522410KXC
DVETR2815DF/K	5962-1520903KYC	DVHV2815S/K	5962-1122605KXC	LSOR2815D	5962R1522410KXA
DVETR2815DF/K-E	5962-1520903KYA	DVHV2815S/K-E	5962-1122605KXA	LSOR2815D	5962R1522410KXC
DVETR2815S/H	5962-1520806HXC	DVHV2815SF/H	5962-1122605HYC	MCH2815D/883	5962-9570401HXA
DVETR2815S/H-E	5962-1520806HXA	DVHV2815SF/H-E	5962-1122605HYA	MCH2815D/883	5962-9570401HXC
DVETR2815S/K	5962-1520806KXC	DVHV2815SF/K	5962-1122605KYC	MCH2815S/883	5962-9569801HXA
DVETR2815S/K-E	5962-1520806KXA	DVHV2815SF/K-E	5962-1122605KYA	MCH2815S/883	5962-9569801HXC
DVETR2815SF/H	5962-1520806HYC	DVSA2815D/H	5962-0324203HXC	MFK2815D (GEN)	5962-1421104HXA
DVETR2815SF/H-E	5962-1520806HYA	DVSA2815D/H-E	5962-0324203HXA	MFK2815D (GEN)	5962-1421104HZA
DVETR2815SF/K	5962-1520806KYC	DVSA2815D/K	5962-0324203KXC	MFK2815D/883	5962-1421108HXA
DVETR2815SF/K-E	5962-1520806KYA	DVSA2815D/K-E	5962-0324203KXA	MFK2815D/883	5962-1421108HXC
DVFL2815D/H	5962-0724403HXC	DVSA2815DF/K	5962-0324203KYC	MFK2815DF/883	5962-1421108HZA
DVFL2815D/H-E	5962-0724403HXA	DVSA2815DF/K-E	5962-0324203KYA	MFK2815DF/883	5962-1421108HZC
DVFL2815D/K	5962-0724403KXC	DVSA2815S/H	5962-0324105HXC	MFK2815S (GEN)	5962-1421007HXA
DVFL2815D/K-E	5962-0724403KXA	DVSA2815S/H-E	5962-0324105HXA	MFK2815S (GEN)	5962-1421007HZA
DVFL2815DF/H	5962-0724403HYC	DVSA2815S/K	5962-0324105KXC	MFK2815S/883	5962-1421016HXA
DVFL2815DF/H-E	5962-0724403HYA	DVSA2815S/K-E	5962-0324105KXA	MFK2815S/883	5962-1421016HXC



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MFK2815SF/883	5962-1421016HZA	MOR2815S/883	5962-9955001HXA	SLH2815S/KL	5962L0052801KXC
MFK2815SF/883	5962-1421016HZC	MOR2815S/883	5962-9955001HXC	SLH2815S/KR	5962R0052801KXA
MFL2815D (GEN)	5962-9319301HTA	MOR2815SV/883	5962-9955001HUA	SLH2815S/KR	5962R0052801KXC
MFL2815D (GEN)	5962-9319301HUA	MOR2815SV/883	5962-9955001HUC	SMFL2815D (GEN)	5962-9319302HTA
MFL2815D (GEN)	5962-9319301HYA	MOR2815SW/883	5962-9955001HTA	SMFL2815D (GEN)	5962-9319302HUA
MFL2815D (GEN)	5962-9319301HZA	MOR2815SW/883	5962-9955001HTC	SMFL2815D (GEN)	5962-9319302HXA
MFL2815D/883	5962-9319301HXA	MOR2815SY/883	5962-9955001HYA	SMFL2815D (GEN)	5962-9319302HYA
MFL2815D/883	5962-9319301HXC	MOR2815SY/883	5962-9955001HYC	SMFL2815D (GEN)	5962-9319302HZA
MFL2815S (GEN)	5962-9316101HTA	MOR2815SZ/883	5962-9955001HZA	SMFL2815D (GEN)	5962L9319302HTA
MFL2815S (GEN)	5962-9316101HUA	MOR2815SZ/883	5962-9955001HZC	SMFL2815D (GEN)	5962L9319302HYA
MFL2815S (GEN)	5962-9316101HYA	MSA2815D/883	5962-9309001HXA	SMFL2815D (GEN)	5962L9319302HZA
MFL2815S (GEN)	5962-9316101HZA	MSA2815D/883	5962-9309001HXC	SMFL2815D (GEN)	5962L9319302KTA
MFL2815S/883	5962-9316101HXA	MSA2815S/883	5962-9309401HXA	SMFL2815D (GEN)	5962L9319302KYA
MFL2815S/883	5962-9316101HXC	MSA2815S/883	5962-9309401HXC	SMFL2815D (GEN)	5962L9319302KZA
MGA2815D/883	5962-9309001HYA	MTR2815D/883	5962-9307201HXA	SMFL2815D (GEN)	5962P9319302HTA
MGA2815D/883	5962-9309001HYC	MTR2815D/883	5962-9307201HXC	SMFL2815D (GEN)	5962P9319302HYA
MGA2815DZ/883	5962-9309001HZA	MTR2815D/883	5962-9307203HXA	SMFL2815D (GEN)	5962P9319302HZA
MGA2815S/883	5962-9309401HYA	MTR2815D/883	5962-9307203HXC	SMFL2815D (GEN)	5962P9319302KTA
MGA2815S/883	5962-9309401HYC	MTR2815DF/883	5962-9307201HZA	SMFL2815D (GEN)	5962P9319302KYA
MGA2815SZ/883	5962-9309401HZA	MTR2815DF/883	5962-9307201HZC	SMFL2815D (GEN)	5962P9319302KZA
MGH2815D/883	5962-9570401HYA	MTR2815DF/883	5962-9307203HZA	SMFL2815D (GEN)	5962R9319302HTA
MGH2815D/883	5962-9570401HYC	MTR2815DF/883	5962-9307203HZC	SMFL2815D (GEN)	5962R9319302HYA
MGH2815DZ/883	5962-9570401HZA	MTR2815S/883	5962-9307001HXA	SMFL2815D (GEN)	5962R9319302HZA
MGH2815S/883	5962-9569801HYA	MTR2815S/883	5962-9307001HXC	SMFL2815D (GEN)	5962R9319302KTA
MGH2815S/883	5962-9569801HYC	MTR2815S/883	5962-9307003HXA	SMFL2815D (GEN)	5962R9319302KYA
MGH2815SZ/883	5962-9569801HZA	MTR2815S/883	5962-9307003HXC	SMFL2815D (GEN)	5962R9319302KZA
MHF+2815D/883	5962-9161401HXA	MTR2815SF/883	5962-9307001HZA	SMFL2815D/HL	5962L9319302HXA
MHF+2815D/883	5962-9161401HXC	MTR2815SF/883	5962-9307001HZC	SMFL2815D/HL	5962L9319302HXC
MHF+2815DF/883	5962-9161401HZA	MTR2815SF/883	5962-9307003HZA	SMFL2815D/HP	5962P9319302HXA
MHF+2815DF/883	5962-9161401HZC	MTR2815SF/883	5962-9307003HZC	SMFL2815D/HP	5962P9319302HXC
MHF+2815S/883	5962-9160101HXA	S2815D	5962-0424401KXA	SMFL2815D/HR	5962R9319302HXA
MHF+2815S/883	5962-9160101HXC	S2815D	5962-0424401KXC	SMFL2815D/HR	5962R9319302HXC
MHF+2815SF/883	5962-9160101HZA	S2815S	5962-0424101KXA	SMFL2815D/KL	5962L9319302KXA
MHF+2815SF/883	5962-9160101HZC	S2815S	5962-0424101KXC	SMFL2815D/KL	5962L9319302KXC
MHV2815D/883	5962-9852701HXA	SLH2815D (GEN)	5962-9852901HXA	SMFL2815D/KP	5962P9319302KXA
MHV2815D/883	5962-9852701HXC	SLH2815D (GEN)	5962L9852901HXA	SMFL2815D/KP	5962P9319302KXC
MHV2815DF/883	5962-9852701HZA	SLH2815D (GEN)	5962L9852901KXA	SMFL2815D/KR	5962R9319302KXA
MHV2815DF/883	5962-9852701HZC	SLH2815D (GEN)	5962R9852901HXA	SMFL2815D/KR	5962R9319302KXC
MHV2815S/883	5962-9852401HXA	SLH2815D (GEN)	5962R9852901KXA	SMFL2815DV/HL	5962L9319302HUA
MHV2815S/883	5962-9852401HXC	SLH2815D/HL	5962L9852902HXA	SMFL2815DV/HL	5962L9319302HUC
MHV2815SF/883	5962-9852401HZA	SLH2815D/HL	5962L9852902HXC	SMFL2815DV/HP	5962P9319302HUA
MHV2815SF/883	5962-9852401HZC	SLH2815D/HR	5962R9852902HXA	SMFL2815DV/HP	5962P9319302HUC
MOR2815D/883	5962-9956301HXA	SLH2815D/HR	5962R9852902HXC	SMFL2815DV/HR	5962R9319302HUA
MOR2815D/883	5962-9956301HXC	SLH2815D/KL	5962L9852902KXA	SMFL2815DV/HR	5962R9319302HUC
MOR2815DV/883	5962-9956301HUA	SLH2815D/KL	5962L9852902KXC	SMFL2815DV/KL	5962L9319302KUA
MOR2815DV/883	5962-9956301HUC	SLH2815D/KR	5962R9852902KXA	SMFL2815DV/KL	5962L9319302KUC
MOR2815DW/883	5962-9956301HTA	SLH2815D/KR	5962R9852902KXC	SMFL2815DV/KP	5962P9319302KUA
MOR2815DW/883	5962-9956301HTC	SLH2815S/HL	5962L0052801HXA	SMFL2815DV/KP	5962P9319302KUC
MOR2815DY/883	5962-9956301HYA	SLH2815S/HL	5962L0052801HXC	SMFL2815DV/KR	5962R9319302KUA
MOR2815DY/883	5962-9956301HYC	SLH2815S/HR	5962R0052801HXA	SMFL2815DV/KR	5962R9319302KUC
MOR2815DZ/883	5962-9956301HZA	SLH2815S/HR	5962R0052801HXC	SMFL2815S (GEN)	5962-9316102HTA
MOR2815DZ/883	5962-9956301HZC	SLH2815S/KL	5962L0052801KXA	SMFL2815S (GEN)	5962-9316102HUA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SMFL2815S (GEN)	5962-9316102HXA	SMFLHP2815D (GEN)	5962P0822301KYA	SMHF2815S/HP	5962P9160102HXA
SMFL2815S (GEN)	5962-9316102HYA	SMFLHP2815D (GEN)	5962P0822301KZA	SMHF2815S/HP	5962P9160102HXC
SMFL2815S (GEN)	5962-9316102HZA	SMFLHP2815D (GEN)	5962R0822301HTA	SMHF2815S/HR	5962R9160102HXA
SMFL2815S (GEN)	5962L9316102HTA	SMFLHP2815D (GEN)	5962R0822301HUA	SMHF2815S/HR	5962R9160102HXC
SMFL2815S (GEN)	5962L9316102HUA	SMFLHP2815D (GEN)	5962R0822301HYA	SMHF2815S/KL	5962L9160102KXA
SMFL2815S (GEN)	5962L9316102HXA	SMFLHP2815D (GEN)	5962R0822301HZA	SMHF2815S/KL	5962L9160102KXC
SMFL2815S (GEN)	5962L9316102HYA	SMFLHP2815D (GEN)	5962R0822301KTA	SMHF2815S/KP	5962P9160102KXA
SMFL2815S (GEN)	5962L9316102HZA	SMFLHP2815D (GEN)	5962R0822301KUA	SMHF2815S/KP	5962P9160102KXC
SMFL2815S (GEN)	5962L9316102KTA	SMFLHP2815D (GEN)	5962R0822301KYA	SMHF2815S/KR	5962R9160102KXA
SMFL2815S (GEN)	5962L9316102KUA	SMFLHP2815D (GEN)	5962R0822301KZA	SMHF2815S/KR	5962R9160102KXC
SMFL2815S (GEN)	5962L9316102KXA	SMFLHP2815D/HL	5962L0822301HXA	SMHF2815SF/HL	5962L9160102HZA
SMFL2815S (GEN)	5962L9316102KYA	SMFLHP2815D/HL	5962L0822301HXC	SMHF2815SF/HL	5962L9160102HXC
SMFL2815S (GEN)	5962L9316102KZA	SMFLHP2815D/HP	5962P0822301HXA	SMHF2815SF/HP	5962P9160102HZA
SMFL2815S (GEN)	5962P9316102HTA	SMFLHP2815D/HP	5962P0822301HXC	SMHF2815SF/HP	5962P9160102HXC
SMFL2815S (GEN)	5962P9316102HYA	SMFLHP2815D/HR	5962R0822301HXA	SMHF2815SF/HR	5962R9160102HZA
SMFL2815S (GEN)	5962P9316102HZA	SMFLHP2815D/HR	5962R0822301HXC	SMHF2815SF/HR	5962R9160102HXC
SMFL2815S (GEN)	5962P9316102KTA	SMFLHP2815D/KL	5962L0822301KXA	SMHF2815SF/KL	5962L9160102KXA
SMFL2815S (GEN)	5962P9316102KYA	SMFLHP2815D/KL	5962L0822301KXC	SMHF2815SF/KL	5962L9160102KXC
SMFL2815S (GEN)	5962P9316102KZA	SMFLHP2815D/KP	5962P0822301KXA	SMHF2815SF/KP	5962P9160102KXA
SMFL2815S (GEN)	5962R9316102HTA	SMFLHP2815D/KP	5962P0822301KXC	SMHF2815SF/KP	5962P9160102KXC
SMFL2815S (GEN)	5962R9316102HYA	SMFLHP2815D/KR	5962R0822301KXA	SMHF2815SF/KR	5962R9160102KXA
SMFL2815S (GEN)	5962R9316102HZA	SMFLHP2815D/KR	5962R0822301KXC	SMHF2815SF/KR	5962R9160102KXC
SMFL2815S (GEN)	5962R9316102KTA	SMHF2815D (GEN)	5962-9161402HXA	SMRT2815D (GEN)	5962-0622401HXA
SMFL2815S (GEN)	5962R9316102KYA	SMHF2815D (GEN)	5962-9161402HZA	SMRT2815D (GEN)	5962F0622401KXA
SMFL2815S (GEN)	5962R9316102KZA	SMHF2815D/HL	5962L9161402HXA	SMRT2815D (GEN)	5962L0622401HXA
SMFL2815S/HP	5962P9316102HXA	SMHF2815D/HL	5962L9161402HXC	SMRT2815D (GEN)	5962L0622401KXA
SMFL2815S/HP	5962P9316102HXC	SMHF2815D/HP	5962P9161402HXA	SMRT2815D (GEN)	5962P0622401HXA
SMFL2815S/HR	5962R9316102HXA	SMHF2815D/HP	5962P9161402HXC	SMRT2815D (GEN)	5962P0622401KXA
SMFL2815S/HR	5962R9316102HXC	SMHF2815D/HR	5962R9161402HXA	SMRT2815D (GEN)	5962R0622401HXA
SMFL2815S/KP	5962P9316102KXA	SMHF2815D/HR	5962R9161402HXC	SMRT2815D (GEN)	5962R0622401KXA
SMFL2815S/KP	5962P9316102KXC	SMHF2815D/KL	5962L9161402KXA	SMRT2815D/EKL	5962L0622401EXA
SMFL2815S/KR	5962R9316102KXA	SMHF2815D/KL	5962L9161402KXC	SMRT2815D/EKL	5962L0622401EXC
SMFL2815S/KR	5962R9316102KXC	SMHF2815D/KP	5962P9161402KXA	SMRT2815D/EKP	5962P0622401EXA
SMFL2815SV/HP	5962P9316102HUA	SMHF2815D/KP	5962P9161402KXC	SMRT2815D/EKP	5962P0622401EXC
SMFL2815SV/HP	5962P9316102HUC	SMHF2815D/KR	5962R9161402KXA	SMRT2815D/EKR	5962R0622401EXA
SMFL2815SV/HR	5962R9316102HUA	SMHF2815D/KR	5962R9161402KXC	SMRT2815D/EKR	5962R0622401EXC
SMFL2815SV/HR	5962R9316102HUC	SMHF2815DF/HL	5962L9161402HZA	SMRT2815S (GEN)	5962-0622201HXA
SMFL2815SV/KP	5962P9316102KUA	SMHF2815DF/HL	5962L9161402HXC	SMRT2815S (GEN)	5962F0622201KXA
SMFL2815SV/KP	5962P9316102KUC	SMHF2815DF/HP	5962P9161402HZA	SMRT2815S (GEN)	5962P0622201HXA
SMFL2815SV/KR	5962R9316102KUA	SMHF2815DF/HP	5962P9161402HXC	SMRT2815S (GEN)	5962P0622201KXA
SMFL2815SV/KR	5962R9316102KUC	SMHF2815DF/HR	5962R9161402HZA	SMRT2815S (GEN)	5962R0622201HXA
SMFLHP2815D (GEN)	5962-0822301HTA	SMHF2815DF/HR	5962R9161402HXC	SMRT2815S (GEN)	5962R0622201KXA
SMFLHP2815D (GEN)	5962-0822301HUA	SMHF2815DF/KL	5962L9161402KXA	SMRT2815S/EKL	5962L0622201EXA
SMFLHP2815D (GEN)	5962-0822301HXA	SMHF2815DF/KL	5962L9161402KXC	SMRT2815S/EKL	5962L0622201EXC
SMFLHP2815D (GEN)	5962-0822301HYA	SMHF2815DF/KP	5962P9161402KXA	SMRT2815S/EKP	5962P0622201EXA
SMFLHP2815D (GEN)	5962-0822301HZA	SMHF2815DF/KP	5962P9161402KXC	SMRT2815S/EKP	5962P0622201EXC
SMFLHP2815D (GEN)	5962P0822301HTA	SMHF2815DF/KR	5962R9161402KXA	SMRT2815S/EKR	5962R0622201EXA
SMFLHP2815D (GEN)	5962P0822301HUA	SMHF2815DF/KR	5962R9161402KXC	SMRT2815S/EKR	5962R0622201EXC
SMFLHP2815D (GEN)	5962P0822301HYA	SMHF2815S (GEN)	5962-9160102HXA	SMSA2815D (GEN)	5962-9309002HXA
SMFLHP2815D (GEN)	5962P0822301HZA	SMHF2815S (GEN)	5962-9160102HZA	SMSA2815D (GEN)	5962L9309002HXA
SMFLHP2815D (GEN)	5962P0822301KTA	SMHF2815S/HL	5962L9160102HXA	SMSA2815D (GEN)	5962L9309002KXA
SMFLHP2815D (GEN)	5962P0822301KUA	SMHF2815S/HL	5962L9160102HXC	SMSA2815D/HL	5962L9309003HXA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SMSA2815D/HL	5962L9309003HXC	SMTR2815DF/KP	5962P9307202KZA	SVHF2815S/H+	5962P1121804HXC
SMSA2815D/HP	5962P9309002HXA	SMTR2815DF/KP	5962P9307202KZC	SVHF2815S/H+-E	5962P1121804HXA
SMSA2815D/HP	5962P9309002HXC	SMTR2815DF/KR	5962R9307202KZA	SVHF2815S/K	5962P1121804KXC
SMSA2815D/HR	5962R9309002HXA	SMTR2815DF/KR	5962R9307202KZC	SVHF2815S/K-E	5962P1121804KXA
SMSA2815D/HR	5962R9309002HXC	SMTR2815S/HL	5962L9307002HXA	SVHF2815SF/H+	5962P1121804HXC
SMSA2815D/KL	5962L9309003KXA	SMTR2815S/HL	5962L9307002HXC	SVHF2815SF/H+-E	5962P1121804HXA
SMSA2815D/KL	5962L9309003KXC	SMTR2815S/HP	5962P9307002HXA	SVHF2815SF/K	5962P1121804KXC
SMSA2815D/KP	5962P9309002KXA	SMTR2815S/HP	5962P9307002HXC	SVHF2815SF/K-E	5962P1121804KXA
SMSA2815D/KP	5962P9309002KXC	SMTR2815S/HR	5962R9307002HXA	SVRFL2815D/H+	5962R1323403HXC
SMSA2815D/KR	5962R9309002KXA	SMTR2815S/HR	5962R9307002HXC	SVRFL2815D/H+-E	5962R1323403HXA
SMSA2815D/KR	5962R9309002KXC	SMTR2815S/KL	5962L9307002KXA	SVRFL2815D/K+	5962R1323403KXC
SMSA2815S (GEN)	5962-9309402HXA	SMTR2815S/KL	5962L9307002KXC	SVRFL2815D/K+-E	5962R1323403KXA
SMSA2815S (GEN)	5962L9309402HXA	SMTR2815S/KP	5962P9307002KXA	SVRFL2815S/H+	5962R1323304HXC
SMSA2815S (GEN)	5962L9309402KXA	SMTR2815S/KP	5962P9307002KXC	SVRFL2815S/H+-E	5962R1323304HXA
SMSA2815S (GEN)	5962P9309402HZA	SMTR2815S/KR	5962R9307002KXA	SVRFL2815S/K+	5962R1323304KXC
SMSA2815S (GEN)	5962P9309402KZA	SMTR2815S/KR	5962R9307002KXC	SVRFL2815S/K+-E	5962R1323304KXA
SMSA2815S/HL	5962L9309403HXA	SMTR2815SF/HL	5962L9307002HZA	SVRFL2815SF/H+	5962R1323304HXC
SMSA2815S/HL	5962L9309403HXC	SMTR2815SF/HL	5962L9307002HXC	SVRFL2815SF/H+-E	5962R1323304HXA
SMSA2815S/HP	5962P9309402HXA	SMTR2815SF/HP	5962P9307002HZA	SVRFL2815SF/K	5962R1323304KXC
SMSA2815S/HP	5962P9309402HXC	SMTR2815SF/HP	5962P9307002HXC	SVRFL2815SF/K-E	5962R1323304KXA
SMSA2815S/HR	5962R9309402HXA	SMTR2815SF/HR	5962R9307002HZA	SVRHF2815D/H+	5962R1323203HXC
SMSA2815S/HR	5962R9309402HXC	SMTR2815SF/HR	5962R9307002HXC	SVRHF2815D/H+-E	5962R1323203HXA
SMSA2815S/KL	5962L9309403KXA	SMTR2815SF/KL	5962L9307002KZA	SVRHF2815D/K+	5962R1323203KXC
SMSA2815S/KL	5962L9309403KXC	SMTR2815SF/KL	5962L9307002KZC	SVRHF2815D/K+-E	5962R1323203KXA
SMSA2815S/KP	5962P9309402KXA	SMTR2815SF/KP	5962P9307002KZA	SVRHF2815DF/H+	5962R1323203HXC
SMSA2815S/KP	5962P9309402KXC	SMTR2815SF/KP	5962P9307002KZC	SVRHF2815DF/H+-E	5962R1323203HXA
SMSA2815S/KR	5962R9309402KXA	SMTR2815SF/KR	5962R9307002KZA	SVRHF2815DF/K+	5962R1323203KXC
SMSA2815S/KR	5962R9309402KXC	SMTR2815SF/KR	5962R9307002KZC	SVRHF2815DF/K+-E	5962R1323203KXA
SMTR2815 (GEN)	5962-9307002HXA	SVFL2815D/H+	5962P1121403HXC	SVRHF2815S/H+	5962R1323104HXC
SMTR2815 (GEN)	5962-9307002HZA	SVFL2815D/H+-E	5962P1121403HXA	SVRHF2815S/H+-E	5962R1323104HXA
SMTR2815 (GEN)	5962-9307202HXA	SVFL2815D/K	5962P1121403KXC	SVRHF2815S/K+	5962R1323104KXC
SMTR2815 (GEN)	5962-9307202HZA	SVFL2815D/K-E	5962P1121403KXA	SVRHF2815S/K+-E	5962R1323104KXA
SMTR2815D/HL	5962L9307202HXA	SVFL2815DF/H+	5962P1121403HXC	SVRHF2815SF/H+	5962R1323104HXC
SMTR2815D/HL	5962L9307202HXC	SVFL2815DF/H+-E	5962P1121403HXA	SVRHF2815SF/H+-E	5962R1323104HXA
SMTR2815D/HP	5962P9307202HXA	SVFL2815DF/K+	5962P1121403KXC	SVRHF2815SF/K+	5962R1323104KXC
SMTR2815D/HP	5962P9307202HXC	SVFL2815DF/K+-E	5962P1121403KXA	SVRHF2815SF/K+-E	5962R1323104KXA
SMTR2815D/HR	5962R9307202HXA	SVFL2815S/H+	5962P1121704HXC	SVRSA2815D/H+	5962R1521803HXC
SMTR2815D/HR	5962R9307202HXC	SVFL2815S/H+-E	5962P1121704HXA	SVRSA2815D/H+-E	5962R1521803HXA
SMTR2815D/KL	5962L9307202KXA	SVFL2815S/K	5962P1121704KXC	SVRSA2815D/K	5962R1521803KXC
SMTR2815D/KL	5962L9307202KXC	SVFL2815S/K-E	5962P1121704KXA	SVRSA2815D/K-E	5962R1521803KXA
SMTR2815D/KP	5962P9307202KXA	SVFL2815SF/H+	5962P1121704HXC	SVRSA2815DF/H+	5962R1521803HXC
SMTR2815D/KP	5962P9307202KXC	SVFL2815SF/H+-E	5962P1121704HXA	SVRSA2815DF/H+-E	5962R1521803HXA
SMTR2815D/KR	5962R9307202KXA	SVFL2815SF/K+	5962P1121704KXC	SVRSA2815DF/K	5962R1521803KXC
SMTR2815D/KR	5962R9307202KXC	SVFL2815SF/K+-E	5962P1121704KXA	SVRSA2815DF/K-E	5962R1521803KXA
SMTR2815DF/HL	5962L9307202HZA	SVHF2815D/H+	5962P1121503HXC	SVRSA2815S/H+	5962R1521704HXC
SMTR2815DF/HL	5962L9307202HXC	SVHF2815D/H+-E	5962P1121503HXA	SVRSA2815S/H+-E	5962R1521704HXA
SMTR2815DF/HP	5962P9307202HZA	SVHF2815D/K	5962P1121503KXC	SVRSA2815S/K	5962R1521704KXC
SMTR2815DF/HP	5962P9307202HXC	SVHF2815D/K-E	5962P1121503KXA	SVRSA2815S/K-E	5962R1521704KXA
SMTR2815DF/HR	5962R9307202HZA	SVHF2815DF/H+	5962P1121503HXC	SVRSA2815SF/H+	5962R1521704HXC
SMTR2815DF/HR	5962R9307202HXC	SVHF2815DF/H+-E	5962P1121503HXA	SVRSA2815SF/H+-E	5962R1521704HXA
SMTR2815DF/KL	5962L9307202KZA	SVHF2815DF/K	5962P1121503KXC	SVRSA2815SF/K	5962R1521704KXC
SMTR2815DF/KL	5962L9307202KZC	SVHF2815DF/K-E	5962P1121503KXA	SVRSA2815SF/K-E	5962R1521704KXA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SVRTR2815D/H+	5962R1321002HXC	DVFL2818SF/K	5962-0724309KYC	2M8TRH-25 (GEN)	5962H9954106QXC
SVRTR2815D/H+-E	5962R1321002HXA	DVFL2818SF/K-E	5962-0724309KYA	2M8TRH-25 (GEN)	5962H9954106VXC
SVRTR2815D/K	5962R1321002KXC	DVHF2818S/H	5962-0324309HXC	DVHE282R5S/H	5962-1523002HXC
SVRTR2815D/K-E	5962R1321002KXA	DVHF2818S/H-E	5962-0324309HXA	DVHE282R5S/H-E	5962-1523002HXA
SVRTR2815DF/H+	5962R1321002HYC	DVHF2818S/K	5962-0324309KXC	DVHE282R5S/K	5962-1523002KXC
SVRTR2815DF/H+-E	5962R1321002HYA	DVHF2818S/K-E	5962-0324309KXA	DVHE282R5S/K-E	5962-1523002KXA
SVRTR2815DF/K	5962R1321002KYC	DVHF2818SF/H	5962-0324309HYC	DVHE282R5SF/H	5962-1523002HYC
SVRTR2815DF/K-E	5962R1321002KYA	DVHF2818SF/H-E	5962-0324309HYA	DVHE282R5SF/H-E	5962-1523002HYA
SVRTR2815S/H+	5962R1320904HXC	DVHF2818SF/K	5962-0324309KYC	DVHE282R5SF/K	5962-1523002KYC
SVRTR2815S/H+-E	5962R1320904HXA	DVHF2818SF/K-E	5962-0324309KYA	DVHE282R5SF/K-E	5962-1523002KYA
SVRTR2815S/K	5962R1320904KXC	DVTR2818S/H	5962-1122410HXC	DVTR282R5S/H	5962-1122401HXC
SVRTR2815S/K-E	5962R1320904KXA	DVTR2818S/H-E	5962-1122410HXA	DVTR282R5S/H-E	5962-1122401HXA
SVRTR2815SF/H+	5962R1320904HYC	DVTR2818S/K	5962-1122410KXC	DVTR282R5S/K	5962-1122401KXC
SVRTR2815SF/H+-E	5962R1320904HYA	DVTR2818S/K-E	5962-1122410KXA	DVTR282R5S/K-E	5962-1122401KXA
SVRTR2815SF/K	5962R1320904KYC	DVTR2818SF/H	5962-1122410HYC	DVTR282R5SF/H	5962-1122401HYC
SVRTR2815SF/K-E	5962R1320904KYA	DVTR2818SF/H-E	5962-1122410HYA	DVTR282R5SF/H-E	5962-1122401HYA
SVSA2815D/H+	5962P1121603HXC	DVTR2818SF/K	5962-1122410KYC	DVTR282R5SF/K	5962-1122401KYC
SVSA2815D/H+-E	5962P1121603HXA	DVTR2818SF/K-E	5962-1122410KYA	DVTR282R5SF/K-E	5962-1122401KYA
SVSA2815D/K	5962P1121603KXC	MFK281R8S (GEN)	5962-1421001HXA	MFK282R5S (GEN)	5962-1421002HXA
SVSA2815D/K-E	5962P1121603KXA	MFK281R8S (GEN)	5962-1421001HZA	MFK282R5S (GEN)	5962-1421002HZA
SVSA2815S/H+	5962P1121904HXC	MFK281R8S/883	5962-1421010HXA	MFK282R5S/883	5962-1421011HXA
SVSA2815S/H+-E	5962P1121904HXA	MFK281R8S/883	5962-1421010HXC	MFK282R5S/883	5962-1421011HXC
SVSA2815S/K	5962P1121904KXC	MFK281R8SF/883	5962-1421010HZA	MFK282R5SF/883	5962-1421011HZA
SVSA2815S/K-E	5962P1121904KXA	MFK281R8SF/883	5962-1421010HXC	MFK282R5SF/883	5962-1421011HXC
SVTR2815D/H	5962P1122303HXC	MTR2818S/883	5962-9320201HXA	SVHF282R5S/H+	5962P1121805HXC
SVTR2815D/H-E	5962P1122303HXA	MTR2818S/883	5962-9320201HXC	SVHF282R5S/H+-E	5962P1121805HXA
SVTR2815D/K	5962P1122303KXC	MTR2818SF/883	5962-9320201HZA	SVHF282R5S/K	5962P1121805KXC
SVTR2815D/K-E	5962P1122303KXA	MTR2818SF/883	5962-9320201HXC	SVHF282R5S/K-E	5962P1121805KXA
SVTR2815DF/H	5962P1122303HYC	DVHE281R9S/H	5962-1523001HXC	SVHF282R5SF/H+	5962P1121805HYC
SVTR2815DF/H-E	5962P1122303HYA	DVHE281R9S/H-E	5962-1523001HXA	SVHF282R5SF/H+-E	5962P1121805HYA
SVTR2815DF/K	5962P1122303KYC	DVHE281R9S/K	5962-1523001KXC	SVHF282R5SF/K	5962P1121805KYC
SVTR2815DF/K-E	5962P1122303KYA	DVHE281R9S/K-E	5962-1523001KXA	SVHF282R5SF/K-E	5962P1121805KYA
SVTR2815S/H	5962P1122004HXC	DVHE281R9SF/H	5962-1523001HYC	28HC256-12 (GEN)	5962-8863401UA
SVTR2815S/H-E	5962P1122004HXA	DVHE281R9SF/H-E	5962-1523001HYA	28HC256F-12 (GEN)	5962-8863402UA
SVTR2815S/K	5962P1122004KXC	DVHE281R9SF/K	5962-1523001KYC	AT28HC256-12DM/883	5962-8863401XA
SVTR2815S/K-E	5962P1122004KXA	DVHE281R9SF/K-E	5962-1523001KYA	AT28HC256-12FM/883	5962-8863401ZA
SVTR2815SF/H	5962P1122004HYC	DVHF281R9F/H	5962-0324306HYC	AT28HC256-12LM/883	5962-8863401YA
SVTR2815SF/H-E	5962P1122004HYA	DVHF281R9F/H-E	5962-0324306HYA	AT28HC256F-12DM/88	5962-8863402XA
SVTR2815SF/K	5962P1122004KYC	DVHF281R9S/H	5962-0324306HXC	AT28HC256F-12FM/883	5962-8863402ZA
SVTR2815SF/K-E	5962P1122004KYA	DVHF281R9S/H-E	5962-0324306HXA	AT28HC256F-12LM/883	5962-8863402YA
WMF2M8-150DAQ5	5962-9760901HXA	DVHF281R9S/K	5962-0324306KXC	28C256-15 (GEN)	5962-8852506UA
WMF2M8-150DAQ5	5962-9760901HXC	DVHF281R9S/K-E	5962-0324306KXA	28C256-15 (GEN)	5962-8852514UA
WMF2M8-150DAQE5	5962-9760904HXA	DVHF281R9SF/K	5962-0324306KYC	28C256E-15 (GEN)	5962-8852508UA
WMF2M8-150DAQE5	5962-9760904HXC	DVHF281R9SF/K-E	5962-0324306KYA	28C256E-15 (GEN)	5962-8852516UA
2818S (GEN)	5962-9465801HXA	SG2821J/883B	5962-8968401VA	28C256F-15 (GEN)	5962-8852507UA
2818S (GEN)	5962-9465801HZA	SG2821L/883B	5962-89684012A	28C256F-15 (GEN)	5962-8852515UA
DVFL2818S/H	5962-0724309HXC	SG2823J/883B	5962-8968501VA	AT28C256-15DM/883	5962-8852506XA
DVFL2818S/H-E	5962-0724309HXA	SG2823L/883B	5962-89685012A	AT28C256-15DM/883	5962-8852514XA
DVFL2818S/K	5962-0724309KXC	SG2824J/883B	5962-8968601VA	AT28C256-15FM/883	5962-8852506ZA
DVFL2818S/K-E	5962-0724309KXA	SG2824L/883B	5962-89686012A	AT28C256-15FM/883	5962-8852514ZA
DVFL2818SF/H	5962-0724309HYC	2M8CRH-25 (GEN)	5962H9954105QXC	AT28C256-15LM/883	5962-8852506YA
DVFL2818SF/H-E	5962-0724309HYA	2M8CRH-25 (GEN)	5962H9954105VXC	AT28C256-15LM/883	5962-8852514YA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
AT28C256E-15DM/883	5962-8852516XA	28F256-40 (GEN)	5962H9689104QXA	AFL2828SW/CH	5962-9689901HUA
AT28C256E-15FM/883	5962-8852508ZA	28F256-40 (GEN)	5962H9689104QYA	AFL2828SW/CH	5962-9689901HUC
AT28C256E-15FM/883	5962-8852516ZA	28F256-40 (GEN)	5962H9689104VXA	AFL2828SX/CH	5962-9689901HXA
AT28C256E-15LM/883	5962-8852508YA	28F256-40 (GEN)	5962H9689104VYA	AFL2828SX/CH	5962-9689901HXC
AT28C256E-15LM/883	5962-8852516YA	28F256QL-40 (GEN)	5962F9689108QXA	AFL2828SY/CH	5962-9689901HYA
AT28C256F-15DM/883	5962-8852507XA	28F256QL-40 (GEN)	5962F9689108VXA	AFL2828SY/CH	5962-9689901HYC
AT28C256F-15DM/883	5962-8852515XA	28F256QL-40 (GEN)	5962H9689106QXA	AFL2828SZ/CH	5962-9689901HZA
AT28C256F-15FM/883	5962-8852507ZA	28F256QL-40 (GEN)	5962H9689106VXA	AFL2828SZ/CH	5962-9689901HZC
AT28C256F-15FM/883	5962-8852515ZA	28F256-45 (GEN)	5962H9689103QXA	DVFL2828S/H	5962-0724307HXC
AT28C256F-15LM/883	5962-8852507YA	28F256-45 (GEN)	5962H9689103QYA	DVFL2828S/H-E	5962-0724307HXA
AT28C256F-15LM/883	5962-8852515YA	28F256-45 (GEN)	5962H9689103VXA	DVFL2828S/K	5962-0724307KXC
28C256-20 (GEN)	5962-8852504UA	28F256-45 (GEN)	5962H9689103VYA	DVFL2828S/K-E	5962-0724307KXA
28C256-20 (GEN)	5962-8852512UA	28F256QL-45 (GEN)	5962F9689107QXA	DVFL2828SF/H	5962-0724307HYC
28C256-20 (GEN)	5962-8852512XA	28F256QL-45 (GEN)	5962F9689107VXA	DVFL2828SF/H-E	5962-0724307HYA
AT28C256-20DM/883	5962-8852504XA	28F256QL-45 (GEN)	5962H9689105QXA	DVFL2828SF/K	5962-0724307KYC
AT28C256-20FM/883	5962-8852504ZA	28F256QL-45 (GEN)	5962H9689105VXA	DVFL2828SF/K-E	5962-0724307KYA
AT28C256-20FM/883	5962-8852512ZA	UT28F256QLET-45UCA	5962F9689110QXA	DVHF2828S/H	5962-0324307HXC
AT28C256-20LM/883	5962-8852504YA	UT28F256QLET-45UCA	5962F9689110VXA	DVHF2828S/H-E	5962-0324307HXA
AT28C256-20LM/883	5962-8852512YA	UT28F256QLET-45UCA	5962H9689109QXA	DVHF2828S/K	5962-0324307KXC
28C256-25 (GEN)	5962-8852503UA	UT28F256QLET-45UCA	5962H9689109VXA	DVHF2828S/K-E	5962-0324307KXA
28C256-25 (GEN)	5962-8852511UA	UT28F256QLET-45UCC	5962F9689110QXC	DVHF2828SF/H	5962-0324307HYC
28C256E-25 (GEN)	5962-8852505UA	UT28F256QLET-45UCC	5962F9689110VXC	DVHF2828SF/H-E	5962-0324307HYA
28C256E-25 (GEN)	5962-8852513UA	UT28F256QLET-45UCC	5962H9689109QXC	DVHF2828SF/K	5962-0324307KYC
AT28C256-25DM/883	5962-8852503XA	UT28F256QLET-45UCC	5962H9689109VXC	DVHF2828SF/K-E	5962-0324307KYA
AT28C256-25DM/883	5962-8852511XA	28F256LVC-65 (GEN)	5962H0151701QXA	DVTR2828S/H	5962-1122407HXC
AT28C256-25FM/883	5962-8852503ZA	28F256LVC-65 (GEN)	5962H0151701QYA	DVTR2828S/H-E	5962-1122407HXA
AT28C256-25FM/883	5962-8852511ZA	28F256LVC-65 (GEN)	5962H0151701VXA	DVTR2828S/K	5962-1122407KXC
AT28C256-25LM/883	5962-8852503YA	28F256LVC-65 (GEN)	5962H0151701VYA	DVTR2828S/K-E	5962-1122407KXA
AT28C256-25LM/883	5962-8852511YA	28F256LVQL-65 (GEN)	5962F0151703QXA	DVTR2828SF/H	5962-1122407HYC
AT28C256E-15DM/883	5962-8852508XA	28F256LVQL-65 (GEN)	5962F0151703VXA	DVTR2828SF/H-E	5962-1122407HYA
AT28C256E-25DM/883	5962-8852505XA	28F256LVQL-65 (GEN)	5962H0151702QXA	DVTR2828SF/K	5962-1122407KYC
AT28C256E-25DM/883	5962-8852513XA	28F256LVQL-65 (GEN)	5962H0151702VXA	DVTR2828SF/K-E	5962-1122407KYA
AT28C256E-25FM/883	5962-8852505ZA	UT28F256LVQLEC-65U	5962F0151705QXA	MFK2828S (GEN)	5962-1421008HTA
AT28C256E-25FM/883	5962-8852513ZA	UT28F256LVQLEC-65U	5962F0151705VXA	MFK2828S (GEN)	5962-1421008HUA
AT28C256E-25LM/883	5962-8852505YA	UT28F256LVQLEC-65U	5962H0151704QXA	MFK2828S/883	5962-1421017HTA
AT28C256E-25LM/883	5962-8852513YA	UT28F256LVQLEC-65U	5962H0151704VXA	MFK2828S/883	5962-1421017HTC
28C256-30 (GEN)	5962-8852502UA	UT28F256LVQLEC-65U	5962F0151705QXC	MFK2828SF/883	5962-1421017HUA
28C256-30 (GEN)	5962-8852502XA	UT28F256LVQLEC-65U	5962F0151705VXC	MFK2828SF/883	5962-1421017HUC
28C256-30 (GEN)	5962-8852502YA	UT28F256LVQLEC-65U	5962H0151704QXC	MHF+2828S/883	5962-9689801HXA
28C256-30 (GEN)	5962-8852502ZA	UT28F256LVQLEC-65U	5962H0151704VXC	MHF+2828S/883	5962-9689801HXC
28C256-30 (GEN)	5962-8852510UA	28HC256-70 (GEN)	5962-8863405UA	MHF+2828SF/883	5962-9689801HZA
28C256-30 (GEN)	5962-8852510XA	28HC256-70 (GEN)	5962-8863405XA	MHF+2828SF/883	5962-9689801HZC
28C256-30 (GEN)	5962-8852510YA	28HC256-70 (GEN)	5962-8863405YA	HCS283 (GEN)	5962R9581101V9A
28C256-30 (GEN)	5962-8852510ZA	28HC256-70 (GEN)	5962-8863405ZA	HCS283 (GEN)	5962R9581101VEC
28C256-35 (GEN)	5962-8852501UA	28HC256-90 (GEN)	5962-8863403UA	HCS283 (GEN)	5962R9581101VXC
28C256-35 (GEN)	5962-8852501XA	28HC256F-90 (GEN)	5962-8863404UA	HCTS283 (GEN)	5962R9577401V9A
28C256-35 (GEN)	5962-8852501YA	AT28HC256-90DM/883	5962-8863403XA	HCTS283 (GEN)	5962R9577401VEC
28C256-35 (GEN)	5962-8852501ZA	AT28HC256-90FM/883	5962-8863403ZA	HCTS283 (GEN)	5962R9577401VXC
28C256-35 (GEN)	5962-8852509UA	AT28HC256-90LM/883	5962-8863403YA	2M8CRH-30 (GEN)	5962H9954103QXC
28C256-35 (GEN)	5962-8852509XA	AT28HC256F-90DM/88	5962-8863404XA	2M8CRH-30 (GEN)	5962H9954103VXC
28C256-35 (GEN)	5962-8852509YA	AT28HC256F-90FM/883	5962-8863404ZA	2M8TRH-30 (GEN)	5962H9954104QXC
28C256-35 (GEN)	5962-8852509ZA	AT28HC256F-90LM/883	5962-8863404YA	2M8TRH-30 (GEN)	5962H9954104VXC



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
DVCH283R3S/H	5962-0924201HXC	DVTR283R3SF/H	5962-1122402HYC	SMFL283R3S (GEN)	5962L0621302HTA
DVCH283R3S/H-E	5962-0924201HXA	DVTR283R3SF/H-E	5962-1122402HYA	SMFL283R3S (GEN)	5962L0621302HUA
DVCH283R3S/K	5962-0924201KXC	DVTR283R3SF/K	5962-1122402KYC	SMFL283R3S (GEN)	5962L0621302HXA
DVCH283R3S/K-E	5962-0924201KXA	DVTR283R3SF/K-E	5962-1122402KYA	SMFL283R3S (GEN)	5962L0621302HYA
DVETR283R3S/H	5962-1520801HXC	MFK283R3S (GEN)	5962-1421003HXA	SMFL283R3S (GEN)	5962L0621302HZA
DVETR283R3S/H-E	5962-1520801HXA	MFK283R3S (GEN)	5962-1421003HZA	SMFL283R3S (GEN)	5962L0621302KTA
DVETR283R3S/K	5962-1520801KXC	MFK283R3S/883	5962-1421012HXA	SMFL283R3S (GEN)	5962L0621302KUA
DVETR283R3S/K-E	5962-1520801KXA	MFK283R3S/883	5962-1421012HXC	SMFL283R3S (GEN)	5962L0621302KXA
DVETR283R3SF/H	5962-1520801HYC	MFK283R3SF/883	5962-1421012HZA	SMFL283R3S (GEN)	5962L0621302KYA
DVETR283R3SF/H-E	5962-1520801HYA	MFK283R3SF/883	5962-1421012HZA	SMFL283R3S (GEN)	5962L0621302KZA
DVETR283R3SF/K	5962-1520801KYC	MFL283R3S (GEN)	5962-0621301HXA	SMFL283R3S (GEN)	5962P0621302HTA
DVETR283R3SF/K-E	5962-1520801KYA	MHF+283R3S/883	5962-0251001HXA	SMFL283R3S (GEN)	5962P0621302HYA
DVFL283R3S/H	5962-0724301HXC	MHF+283R3S/883	5962-0251001HXC	SMFL283R3S (GEN)	5962P0621302HZA
DVFL283R3S/H-E	5962-0724301HXA	MHF+283R3SF/883	5962-0251001HZA	SMFL283R3S (GEN)	5962P0621302KTA
DVFL283R3S/K	5962-0724301KXC	MHF+283R3SF/883	5962-0251001HZA	SMFL283R3S (GEN)	5962P0621302KYA
DVFL283R3S/K-E	5962-0724301KXA	MHV283R3S/883	5962-9852801HXA	SMFL283R3S (GEN)	5962P0621302KZA
DVFL283R3SF/H	5962-0724301HYC	MHV283R3S/883	5962-9852801HXC	SMFL283R3S (GEN)	5962R0621302HTA
DVFL283R3SF/H-E	5962-0724301HYA	MHV283R3SF/883	5962-9852801HZA	SMFL283R3S (GEN)	5962R0621302HYA
DVFL283R3SF/K	5962-0724301KYC	MHV283R3SF/883	5962-9852801HZA	SMFL283R3S (GEN)	5962R0621302HZA
DVFL283R3SF/K-E	5962-0724301KYA	MOR283R3D/883	5962-9956401HXA	SMFL283R3S (GEN)	5962R0621302KTA
DVHE283R3S/H	5962-1523003HXC	MOR283R3D/883	5962-9956401HXC	SMFL283R3S (GEN)	5962R0621302KYA
DVHE283R3S/H-E	5962-1523003HXA	MOR283R3DV/883	5962-9956401HUA	SMFL283R3S (GEN)	5962R0621302KZA
DVHE283R3S/K	5962-1523003KXC	MOR283R3DV/883	5962-9956401HUC	SMFL283R3S/HP	5962P0621302HXA
DVHE283R3S/K-E	5962-1523003KXA	MOR283R3DW/883	5962-9956401HTA	SMFL283R3S/HP	5962P0621302HXC
DVHE283R3SF/H	5962-1523003HYC	MOR283R3DW/883	5962-9956401HTC	SMFL283R3S/HR	5962R0621302HXA
DVHE283R3SF/H-E	5962-1523003HYA	MOR283R3DY/883	5962-9956401HYA	SMFL283R3S/HR	5962R0621302HXC
DVHE283R3SF/K	5962-1523003KYC	MOR283R3DY/883	5962-9956401HYC	SMFL283R3S/KP	5962P0621302KXA
DVHE283R3SF/K-E	5962-1523003KYA	MOR283R3DZ/883	5962-9956401HZA	SMFL283R3S/KP	5962P0621302KXC
DVHF283R3S/H	5962-0324301HXC	MOR283R3DZ/883	5962-9956401HZA	SMFL283R3S/KR	5962R0621302KXA
DVHF283R3S/H-E	5962-0324301HXA	MOR283R3S/883	5962-9954401HXA	SMFL283R3S/KR	5962R0621302KXC
DVHF283R3S/K	5962-0324301KXC	MOR283R3S/883	5962-9954401HXC	SMFL283R3SV/HP	5962P0621302HUA
DVHF283R3S/K-E	5962-0324301KXA	MOR283R3SV/883	5962-9954401HUA	SMFL283R3SV/HP	5962P0621302HUC
DVHF283R3SF/H	5962-0324301HYC	MOR283R3SV/883	5962-9954401HUC	SMFL283R3SV/HR	5962R0621302HUA
DVHF283R3SF/H-E	5962-0324301HYA	MOR283R3SW/883	5962-9954401HTA	SMFL283R3SV/HR	5962R0621302HUC
DVHF283R3SF/K	5962-0324301KYC	MOR283R3SW/883	5962-9954401HTC	SMFL283R3SV/KP	5962P0621302KUA
DVHF283R3SF/K-E	5962-0324301KYA	MOR283R3SY/883	5962-9954401HYA	SMFL283R3SV/KP	5962P0621302KUC
DVHV283R3S/H	5962-1122601HXC	MOR283R3SY/883	5962-9954401HYC	SMFL283R3SV/KR	5962R0621302KUA
DVHV283R3S/H-E	5962-1122601HXA	MOR283R3SZ/883	5962-9954401HZA	SMFL283R3SV/KR	5962R0621302KUC
DVHV283R3S/K	5962-1122601KXC	MOR283R3SZ/883	5962-9954401HZA	SMFLHP283R3S (GEN)	5962-0620901HTA
DVHV283R3S/K-E	5962-1122601KXA	MTR283R3S/883	5962-0150101HXA	SMFLHP283R3S (GEN)	5962-0620901HUA
DVHV283R3SF/H	5962-1122601HYC	MTR283R3S/883	5962-0150101HXC	SMFLHP283R3S (GEN)	5962-0620901HXA
DVHV283R3SF/H-E	5962-1122601HYA	MTR283R3S/883	5962-0150103HXA	SMFLHP283R3S (GEN)	5962-0620901HYA
DVHV283R3SF/K	5962-1122601KYC	MTR283R3S/883	5962-0150103HXC	SMFLHP283R3S (GEN)	5962-0620901HZA
DVHV283R3SF/K-E	5962-1122601KYA	MTR283R3SF/883	5962-0150101HZA	SMFLHP283R3S (GEN)	5962L0620901HTA
DVSA283R3S/H	5962-0324101HXC	MTR283R3SF/883	5962-0150101HZA	SMFLHP283R3S (GEN)	5962L0620901HUA
DVSA283R3S/H-E	5962-0324101HXA	MTR283R3SF/883	5962-0150103HZA	SMFLHP283R3S (GEN)	5962L0620901HYA
DVSA283R3S/K	5962-0324101KXC	MTR283R3SF/883	5962-0150103HZA	SMFLHP283R3S (GEN)	5962L0620901HZA
DVSA283R3S/K-E	5962-0324101KXA	SMFL283R3S (GEN)	5962-0621302HTA	SMFLHP283R3S (GEN)	5962L0620901KTA
DVTR283R3S/H	5962-1122402HXC	SMFL283R3S (GEN)	5962-0621302HUA	SMFLHP283R3S (GEN)	5962L0620901KUA
DVTR283R3S/H-E	5962-1122402HXA	SMFL283R3S (GEN)	5962-0621302HXA	SMFLHP283R3S (GEN)	5962L0620901KYA
DVTR283R3S/K	5962-1122402KXC	SMFL283R3S (GEN)	5962-0621302HYA	SMFLHP283R3S (GEN)	5962L0620901KZA
DVTR283R3S/K-E	5962-1122402KXA	SMFL283R3S (GEN)	5962-0621302HZA	SMFLHP283R3S (GEN)	5962P0620901HTA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SMFLHP283R3S (GEN)	5962P0620901HUA	SMHF283R3SF/KL	5962L0251002KZC	SMTR283R3SF/HP	5962P0150102HZA
SMFLHP283R3S (GEN)	5962P0620901HYA	SMHF283R3SF/KP	5962P0251002KZA	SMTR283R3SF/HP	5962P0150102HZC
SMFLHP283R3S (GEN)	5962P0620901HZA	SMHF283R3SF/KP	5962P0251002KZC	SMTR283R3SF/HR	5962R0150102HZA
SMFLHP283R3S (GEN)	5962P0620901KTA	SMHF283R3SF/KR	5962R0251002KZA	SMTR283R3SF/HR	5962R0150102HZC
SMFLHP283R3S (GEN)	5962P0620901KUA	SMHF283R3SF/KR	5962R0251002KZC	SMTR283R3SF/KL	5962L0150102KZA
SMFLHP283R3S (GEN)	5962P0620901KYA	SMRT283R3S (GEN)	5962-0622001HXA	SMTR283R3SF/KL	5962L0150102KZC
SMFLHP283R3S (GEN)	5962P0620901KZA	SMRT283R3S (GEN)	5962F0622001KXA	SMTR283R3SF/KP	5962P0150102KZA
SMFLHP283R3S (GEN)	5962R0620901HTA	SMRT283R3S (GEN)	5962P0622001HXA	SMTR283R3SF/KP	5962P0150102KZC
SMFLHP283R3S (GEN)	5962R0620901HUA	SMRT283R3S (GEN)	5962P0622001KXA	SMTR283R3SF/KR	5962R0150102KZA
SMFLHP283R3S (GEN)	5962R0620901HYA	SMRT283R3S (GEN)	5962R0622001HXA	SMTR283R3SF/KR	5962R0150102KZC
SMFLHP283R3S (GEN)	5962R0620901HZA	SMRT283R3S (GEN)	5962R0622001KXA	SVFL283R3S/H+	5962P1121701HXC
SMFLHP283R3S (GEN)	5962R0620901KTA	SMRT283R3S/EKL	5962L0622001EXA	SVFL283R3S/H+-E	5962P1121701HXA
SMFLHP283R3S (GEN)	5962R0620901KUA	SMRT283R3S/EKL	5962L0622001EXC	SVFL283R3S/K	5962P1121701KXC
SMFLHP283R3S (GEN)	5962R0620901KYA	SMRT283R3S/EKP	5962P0622001EXA	SVFL283R3S/K-E	5962P1121701KXA
SMFLHP283R3S (GEN)	5962R0620901KZA	SMRT283R3S/EKP	5962P0622001EXC	SVFL283R3SF/H+	5962P1121701HYC
SMFLHP283R3S/HL	5962L0620901HXA	SMRT283R3S/EKR	5962R0622001EXA	SVFL283R3SF/H+-E	5962P1121701HYA
SMFLHP283R3S/HL	5962L0620901HXC	SMRT283R3S/EKR	5962R0622001EXC	SVFL283R3SF/K+	5962P1121701KYC
SMFLHP283R3S/HP	5962P0620901HXA	SMSA283R3S (GEN)	5962-0621001HXA	SVFL283R3SF/K+-E	5962P1121701KYA
SMFLHP283R3S/HP	5962P0620901HXC	SMSA283R3S (GEN)	5962L0621001HXA	SVHF283R3S/H+	5962P1121801HXC
SMFLHP283R3S/HR	5962R0620901HXA	SMSA283R3S (GEN)	5962L0621001KXA	SVHF283R3S/H+-E	5962P1121801HXA
SMFLHP283R3S/HR	5962R0620901HXC	SMSA283R3S (GEN)	5962P0621002HXA	SVHF283R3S/K	5962P1121801KXC
SMFLHP283R3S/KL	5962L0620901KXA	SMSA283R3S (GEN)	5962P0621002KXA	SVHF283R3S/K-E	5962P1121801KXA
SMFLHP283R3S/KL	5962L0620901KXC	SMSA283R3S (GEN)	5962R0621002HXA	SVHF283R3SF/H+	5962P1121801HYC
SMFLHP283R3S/KP	5962P0620901KXA	SMSA283R3S (GEN)	5962R0621002KXA	SVHF283R3SF/H+-E	5962P1121801HYA
SMFLHP283R3S/KP	5962P0620901KXC	SMSA283R3S/HL	5962L0621002HXA	SVHF283R3SF/K	5962P1121801KYC
SMFLHP283R3S/KR	5962R0620901KXA	SMSA283R3S/HL	5962L0621002HXC	SVHF283R3SF/K-E	5962P1121801KYA
SMFLHP283R3S/KR	5962R0620901KXC	SMSA283R3S/HP	5962P0621001HXA	SVRFL283R3S/H+	5962R1323301HXC
SMHF283R3S (GEN)	5962-0251002HXA	SMSA283R3S/HP	5962P0621001HXC	SVRFL283R3S/H+-E	5962R1323301HXA
SMHF283R3S (GEN)	5962-0251002HZA	SMSA283R3S/HR	5962R0621001HXA	SVRFL283R3S/K+	5962R1323301KXC
SMHF283R3S (GEN)	5962D0251002HXA	SMSA283R3S/HR	5962R0621001HXC	SVRFL283R3S/K+-E	5962R1323301KXA
SMHF283R3S (GEN)	5962D0251002HZA	SMSA283R3S/KL	5962L0621002KXA	SVRFL283R3SF/H+	5962R1323301HYC
SMHF283R3S (GEN)	5962D0251002KXA	SMSA283R3S/KL	5962L0621002KXC	SVRFL283R3SF/H+-E	5962R1323301HYA
SMHF283R3S (GEN)	5962D0251002KZA	SMSA283R3S/KP	5962P0621001KXA	SVRFL283R3SF/K	5962R1323301KYC
SMHF283R3S/HL	5962L0251002HXA	SMSA283R3S/KP	5962P0621001KXC	SVRFL283R3SF/K-E	5962R1323301KYA
SMHF283R3S/HL	5962L0251002HXC	SMSA283R3S/KR	5962R0621001KXA	SVRHF283R3S/H+	5962R1323101HXC
SMHF283R3S/HP	5962P0251002HXA	SMSA283R3S/KR	5962R0621001KXC	SVRHF283R3S/H+-E	5962R1323101HXA
SMHF283R3S/HP	5962P0251002HXC	SMTR283R3S (GEN)	5962-0150102HXA	SVRHF283R3S/K+	5962R1323101KXC
SMHF283R3S/HR	5962R0251002HXA	SMTR283R3S (GEN)	5962-0150102HZA	SVRHF283R3S/K+-E	5962R1323101KXA
SMHF283R3S/HR	5962R0251002HXC	SMTR283R3S/HL	5962L0150102HXA	SVRHF283R3SF/H+	5962R1323101HYC
SMHF283R3S/KL	5962L0251002KXA	SMTR283R3S/HL	5962L0150102HXC	SVRHF283R3SF/H+-E	5962R1323101HYA
SMHF283R3S/KL	5962L0251002KXC	SMTR283R3S/HP	5962P0150102HXA	SVRHF283R3SF/K+	5962R1323101KYC
SMHF283R3S/KP	5962P0251002KXA	SMTR283R3S/HP	5962P0150102HXC	SVRHF283R3SF/K+-E	5962R1323101KYA
SMHF283R3S/KP	5962P0251002KXC	SMTR283R3S/HR	5962R0150102HXA	SVRSA283R3S/H+	5962R1521701HXC
SMHF283R3S/KR	5962R0251002KXA	SMTR283R3S/HR	5962R0150102HXC	SVRSA283R3S/H+-E	5962R1521701HXA
SMHF283R3S/KR	5962R0251002KXC	SMTR283R3S/KL	5962L0150102KXA	SVRSA283R3S/K	5962R1521701KXC
SMHF283R3SF/HL	5962L0251002HZA	SMTR283R3S/KL	5962L0150102KXC	SVRSA283R3S/K-E	5962R1521701KXA
SMHF283R3SF/HL	5962L0251002HZC	SMTR283R3S/KP	5962P0150102KXA	SVRSA283R3SF/H+	5962R1521701HYC
SMHF283R3SF/HP	5962P0251002HZA	SMTR283R3S/KP	5962P0150102KXC	SVRSA283R3SF/H+-E	5962R1521701HYA
SMHF283R3SF/HP	5962P0251002HZC	SMTR283R3S/KR	5962R0150102KXA	SVRSA283R3SF/K	5962R1521701KYC
SMHF283R3SF/HR	5962R0251002HZA	SMTR283R3S/KR	5962R0150102KXC	SVRSA283R3SF/K-E	5962R1521701KYA
SMHF283R3SF/HR	5962R0251002HZC	SMTR283R3SF/HL	5962L0150102HZA	SVRTR283R3S/H+	5962R1320901HXC
SMHF283R3SF/KL	5962L0251002KZA	SMTR283R3SF/HL	5962L0150102HZC	SVRTR283R3S/H+-E	5962R1320901HXA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SVRTR283R3S/K	5962R1320901KXC	SMRT283R312T/EKR	5962R0821101EXA	SMRT28507T (GEN)	5962R1322101KXA
SVRTR283R3S/K-E	5962R1320901KXA	SMRT283R312T/EKR	5962R0821101EXC	SMRT28507T/EKL	5962L1322101EXA
SVRTR283R3SF/H+	5962R1320901HYC	DVGF+283R315T/H	5962-0820502HXC	SMRT28507T/EKL	5962L1322101EXC
SVRTR283R3SF/H+-E	5962R1320901HYA	DVGF+283R315T/H-E	5962-0820502HXA	SMRT28507T/EKP	5962P1322101EXA
SVRTR283R3SF/K	5962R1320901KYC	DVGF+283R315T/K	5962-0820502KXC	SMRT28507T/EKP	5962P1322101EXC
SVRTR283R3SF/K-E	5962R1320901KYA	DVGF+283R315T/K-E	5962-0820502KXA	SMRT28507T/EKR	5962R1322101EXA
SVSA283R3S/H+	5962P1121901HXC	DVGF+283R315TF/H	5962-0820502HYC	SMRT28507T/EKR	5962R1322101EXC
SVSA283R3S/H+-E	5962P1121901HXA	DVGF+283R315TF/H-E	5962-0820502HYA	28C512 (GEN)	5962-9086901MXA
SVSA283R3S/K	5962P1121901KXC	DVGF+283R315TF/K	5962-0820502KYC	28C512 (GEN)	5962-9086901MYA
SVSA283R3S/K-E	5962P1121901KXA	DVGF+283R315TF/K-E	5962-0820502KYA	28C512 (GEN)	5962-9086903MXA
SVTR283R3S/H	5962P1122001HXC	DVWR283R315T/H	5962-1620302HXC	28C512 (GEN)	5962-9086905MXA
SVTR283R3S/H-E	5962P1122001HXA	DVWR283R315T/H-E	5962-1620302HXA	28C512 (GEN)	5962-9086906MXA
SVTR283R3S/K	5962P1122001KXC	DVWR283R315T/K	5962-1620302KXC	28C512 (GEN)	5962-9086906MYA
SVTR283R3S/K-E	5962P1122001KXA	DVWR283R315T/K-E	5962-1620302KXA	28C512 (GEN)	5962-9086907MXA
SVTR283R3SF/H	5962P1122001HYC	DVWR283R315TF/H	5962-1620302HYC	28C512 (GEN)	5962-9086908MYA
SVTR283R3SF/H-E	5962P1122001HYA	DVWR283R315TF/H-E	5962-1620302HYA	DVHF+28512T/H	5962-0820601HXC
SVTR283R3SF/K	5962P1122001KYC	DVWR283R315TF/K	5962-1620302KYC	DVHF+28512T/H-E	5962-0820601HXA
SVTR283R3SF/K-E	5962P1122001KYA	DVWR283R315TF/K-E	5962-1620302KYA	DVHF+28512T/K	5962-0820601KXC
DVGF+283R312T/H	5962-0820501HXC	MWR283R315T/883	5962-1722602HXA	DVHF+28512T/K-E	5962-0820601KXA
DVGF+283R312T/H-E	5962-0820501HXA	MWR283R315T/883	5962-1722602HXC	DVHF+28512TF/H	5962-0820601HYC
DVGF+283R312T/K	5962-0820501KXC	MWR283R315TF/883	5962-1722602HZA	DVHF+28512TF/H-E	5962-0820601HYA
DVGF+283R312T/K-E	5962-0820501KXA	MWR283R315TF/883	5962-1722602HXC	DVHF+28512TF/K	5962-0820601KYC
DVGF+283R312TF/H	5962-0820501HYC	MWR28515T/883	5962-1722604HXA	DVHF+28512TF/K-E	5962-0820601KYA
DVGF+283R312TF/H-E	5962-0820501HYA	MWR28515T/883	5962-1722604HXC	DVTR28512T/H	5962-1620201HXC
DVGF+283R312TF/K	5962-0820501KYC	MWR28515TF/883	5962-1722604HZA	DVTR28512T/H-E	5962-1620201HXA
DVGF+283R312TF/K-E	5962-0820501KYA	MWR28515TF/883	5962-1722604HXC	DVTR28512T/K	5962-1620201KXC
DVWR283R312T/H	5962-1620301HXC	SMRT283R315T (GEN)	5962-0821201HXA	DVTR28512T/K-E	5962-1620201KXA
DVWR283R312T/H-E	5962-1620301HXA	SMRT283R315T (GEN)	5962F0821201KXA	DVTR28512TF/H	5962-1620201HYC
DVWR283R312T/K	5962-1620301KXC	SMRT283R315T (GEN)	5962P0821201HXA	DVTR28512TF/H-E	5962-1620201HYA
DVWR283R312T/K-E	5962-1620301KXA	SMRT283R315T (GEN)	5962P0821201KXA	DVTR28512TF/K	5962-1620201KYC
DVWR283R312TF/H	5962-1620301HYC	SMRT283R315T (GEN)	5962R0821201HXA	DVTR28512TF/K-E	5962-1620201KYA
DVWR283R312TF/H-E	5962-1620301HYA	SMRT283R315T (GEN)	5962R0821201KXA	MHF+28512T/883	5962-9560101HXA
DVWR283R312TF/K	5962-1620301KYC	SMRT283R315T/EKL	5962L0821201EXA	MHF+28512T/883	5962-9560101HXC
DVWR283R312TF/K-E	5962-1620301KYA	SMRT283R315T/EKL	5962L0821201EXC	MHF+28512TF/883	5962-9560101HZA
MWR283R312T/883	5962-1722601HXA	SMRT283R315T/EKP	5962P0821201EXA	MHF+28512TF/883	5962-9560101HXC
MWR283R312T/883	5962-1722601HXC	SMRT283R315T/EKP	5962P0821201EXC	MHV28512T/883	5962-9673001HXA
MWR283R312TF/883	5962-1722601HZA	SMRT283R315T/EKR	5962R0821201EXA	MHV28512T/883	5962-9673001HXC
MWR283R312TF/883	5962-1722601HXC	SMRT283R315T/EKR	5962R0821201EXC	MHV28512TF/883	5962-9673001HZA
MWR28512T/883	5962-1722603HXA	2M8CRH-40 (GEN)	5962H9954101QXC	MHV28512TF/883	5962-9673001HXC
MWR28512T/883	5962-1722603HXC	2M8CRH-40 (GEN)	5962H9954101VXC	MTR28512T/883	5962-9307301HXA
MWR28512TF/883	5962-1722603HZA	2M8TRH-40 (GEN)	5962H9954102QXC	MTR28512T/883	5962-9307301HXC
MWR28512TF/883	5962-1722603HXC	2M8TRH-40 (GEN)	5962H9954102VXC	MTR28512TF/883	5962-9307301HZA
SMRT283R312T (GEN)	5962-0821101HXA	HA-2840 (GEN)	5962-9467901MPA	MTR28512TF/883	5962-9307301HXC
SMRT283R312T (GEN)	5962F0821101KXA	HA-2841 (GEN)	5962-8778503CA	SMRT28512T (GEN)	5962-0622501HXA
SMRT283R312T (GEN)	5962P0821101HXA	HA-2841 (GEN)	5962-8778503PA	SMRT28512T (GEN)	5962F0622501KXA
SMRT283R312T (GEN)	5962P0821101KXA	HA-2842 (GEN)	5962-9469401MPA	SMRT28512T (GEN)	5962P0622501HXA
SMRT283R312T (GEN)	5962R0821101HXA	PYA28C64B-35CWMB	5962-8751406XA	SMRT28512T (GEN)	5962P0622501KXA
SMRT283R312T (GEN)	5962R0821101KXA	TL-SCSI285 (GEN)	5962-9473201M2A	SMRT28512T (GEN)	5962R0622501HXA
SMRT283R312T/EKL	5962L0821101EXA	TL-SCSI285 (GEN)	5962-9473201MCA	SMRT28512T (GEN)	5962R0622501KXA
SMRT283R312T/EKL	5962L0821101EXC	SMRT28507T (GEN)	5962P1322101HXA	SMRT28512T/EKL	5962L0622501EXA
SMRT283R312T/EKP	5962P0821101EXA	SMRT28507T (GEN)	5962P1322101KXA	SMRT28512T/EKL	5962L0622501EXC
SMRT283R312T/EKP	5962P0821101EXC	SMRT28507T (GEN)	5962R1322101HXA	SMRT28512T/EKP	5962P0622501EXA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SMRT28512T/EKP	5962P0622501EXC	MHF+28515T/883	5962-9560201HXC	DVETR285R2SF/H-E	5962-1520803HYA
SMRT28512T/EKR	5962R0622501EXA	MHF+28515TF/883	5962-9560201HZA	DVETR285R2SF/K	5962-1520803KYC
SMRT28512T/EKR	5962R0622501EXC	MHF+28515TF/883	5962-9560201HZC	DVETR285R2SF/K-E	5962-1520803KYA
28C512-12 (GEN)	5962-9086907MUC	MHV28515T/883	5962-9673101HXA	DVHF285R2S/H	5962-0324303HXC
28C512-12 (GEN)	5962-9086907MYA	MHV28515T/883	5962-9673101HXC	DVHF285R2S/H-E	5962-0324303HXA
28C512-12 (GEN)	5962-9086907MZC	MHV28515TF/883	5962-9673101HZA	DVHF285R2S/K	5962-0324303KXC
28C512-12 (GEN)	5962-9086908MUC	MHV28515TF/883	5962-9673101HZC	DVHF285R2S/K-E	5962-0324303KXA
28C512-12 (GEN)	5962-9086908MXA	MTR28515T/883	5962-9307401HXA	DVHF285R2SF/H	5962-0324303HYC
28C512-12 (GEN)	5962-9086908MZC	MTR28515T/883	5962-9307401HXC	DVHF285R2SF/H-E	5962-0324303HYA
28C512-15 (GEN)	5962-9086905MUC	MTR28515TF/883	5962-9307401HZA	DVHF285R2SF/K	5962-0324303KYC
28C512-15 (GEN)	5962-9086905MYA	MTR28515TF/883	5962-9307401HZC	DVHF285R2SF/K-E	5962-0324303KYA
28C512-15 (GEN)	5962-9086905MZC	SMRT28515T (GEN)	5962-0622601HXA	DVHV285R2S/H	5962-1122603HXC
28C512-15 (GEN)	5962-9086906MUC	SMRT28515T (GEN)	5962F0622601KXA	DVHV285R2S/H-E	5962-1122603HXA
28C512-15 (GEN)	5962-9086906MZC	SMRT28515T (GEN)	5962L0622601HXA	DVHV285R2S/K	5962-1122603KXC
28C512-20 (GEN)	5962-9086903MUC	SMRT28515T (GEN)	5962P0622601HXA	DVHV285R2S/K-E	5962-1122603KXA
28C512-20 (GEN)	5962-9086903MYA	SMRT28515T (GEN)	5962P0622601KXA	DVHV285R2SF/H	5962-1122603HYC
28C512-20 (GEN)	5962-9086903MZC	SMRT28515T (GEN)	5962R0622601HXA	DVHV285R2SF/H-E	5962-1122603HYA
28C512-20 (GEN)	5962-9086904MUC	SMRT28515T (GEN)	5962R0622601KXA	DVHV285R2SF/K	5962-1122603KYC
28C512-20 (GEN)	5962-9086904MXA	SMRT28515T (GEN)	5962L0622601KXA	DVHV285R2SF/K-E	5962-1122603KYA
28C512-20 (GEN)	5962-9086904MYA	SMRT28515T/EKL	5962L0622601EXA	DVSA285R2S/H	5962-0324103HXC
28C512-20 (GEN)	5962-9086904MZC	SMRT28515T/EKL	5962L0622601EXC	DVSA285R2S/H-E	5962-0324103HXA
28C512 (GEN)	5962-9086902MYA	SMRT28515T/EKP	5962P0622601EXA	DVSA285R2S/K	5962-0324103KXC
28C512-25 (GEN)	5962-9086901MUC	SMRT28515T/EKP	5962P0622601EXC	DVSA285R2S/K-E	5962-0324103KXA
28C512-25 (GEN)	5962-9086901MZC	SMRT28515T/EKR	5962R0622601EXA	DVTR285R2S/H	5962-1122404HXC
28C512-25 (GEN)	5962-9086902MUC	SMRT28515T/EKR	5962R0622601EXC	DVTR285R2S/H-E	5962-1122404HXA
28C512-25 (GEN)	5962-9086902MXA	SMTR28515 (GEN)	5962-9307402HXA	DVTR285R2S/K	5962-1122404KXC
28C512-25 (GEN)	5962-9086902MZC	SMTR28515 (GEN)	5962-9307402HZA	DVTR285R2S/K-E	5962-1122404KXA
28C513-12 (GEN)	5962-9086915MYA	SMTR28515 (GEN)	5962L9307402HXA	DVTR285R2SF/H	5962-1122404HYC
28C513-12 (GEN)	5962-9086916MYA	SMTR28515 (GEN)	5962L9307402HZA	DVTR285R2SF/H-E	5962-1122404HYA
28C513-15 (GEN)	5962-9086913MYA	SMTR28515 (GEN)	5962L9307402KXA	DVTR285R2SF/K	5962-1122404KYC
28C513-15 (GEN)	5962-9086914MYA	SMTR28515 (GEN)	5962L9307402KZA	DVTR285R2SF/K-E	5962-1122404KYA
28C513-20 (GEN)	5962-9086911MYA	SMTR28515 (GEN)	5962P9307402HXA	MFK285R2S (GEN)	5962-1421009HXA
28C513-20 (GEN)	5962-9086912MYA	SMTR28515 (GEN)	5962P9307402HZA	MFK285R2S (GEN)	5962-1421009HZA
28C513-25 (GEN)	5962-9086909MYA	SMTR28515 (GEN)	5962P9307402KXA	MFK285R2S/883	5962-1421018HXA
28C513-25 (GEN)	5962-9086910MYA	SMTR28515 (GEN)	5962P9307402KZA	MFK285R2S/883	5962-1421018HXC
DVHF+28515T/H	5962-0820602HXC	SMTR28515 (GEN)	5962R9307402HXA	MFK285R2SF/883	5962-1421018HZA
DVHF+28515T/H-E	5962-0820602HXA	SMTR28515 (GEN)	5962R9307402HZA	MFK285R2SF/883	5962-1421018HZC
DVHF+28515T/K	5962-0820602KXC	SMTR28515 (GEN)	5962R9307402KXA	MSA285R2S/883	5962-0251301HXA
DVHF+28515T/K-E	5962-0820602KXA	SMTR28515 (GEN)	5962R9307402KZA	MSA285R2S/883	5962-0251301HXC
DVHF+28515TF/H	5962-0820602HYC	SMTR28515T (GEN)	5962D9307402HXA	SMSA285R2S/HL	5962L1421601HXA
DVHF+28515TF/H-E	5962-0820602HYA	SMTR28515T (GEN)	5962D9307402HZA	SMSA285R2S/HL	5962L1421601HXC
DVHF+28515TF/K	5962-0820602KYC	SMTR28515T (GEN)	5962D9307402KXA	SMSA285R2S/HP	5962P1421601HXA
DVHF+28515TF/K-E	5962-0820602KYA	SMTR28515T (GEN)	5962D9307402KZA	SMSA285R2S/HP	5962P1421601HXC
DVTR28515T/H	5962-1620202HXC	DVCH285R2S/H	5962-0924203HXC	SMSA285R2S/HR	5962R1421601HXA
DVTR28515T/H-E	5962-1620202HXA	DVCH285R2S/H-E	5962-0924203HXA	SMSA285R2S/HR	5962R1421601HXC
DVTR28515T/K	5962-1620202KXC	DVCH285R2S/K	5962-0924203KXC	SMSA285R2S/KL	5962L1421601KXA
DVTR28515T/K-E	5962-1620202KXA	DVCH285R2S/K-E	5962-0924203KXA	SMSA285R2S/KL	5962L1421601KXC
DVTR28515TF/H	5962-1620202HYC	DVETR285R2S/H	5962-1520803HXC	SMSA285R2S/KP	5962P1421601KXA
DVTR28515TF/H-E	5962-1620202HYA	DVETR285R2S/H-E	5962-1520803HXA	SMSA285R2S/KP	5962P1421601KXC
DVTR28515TF/K	5962-1620202KYC	DVETR285R2S/K	5962-1520803KXC	SMSA285R2S/KR	5962R1421601KXA
DVTR28515TF/K-E	5962-1620202KYA	DVETR285R2S/K-E	5962-1520803KXA	SMSA285R2S/KR	5962R1421601KXC
MHF+28515T/883	5962-9560201HXA	DVETR285R2SF/H	5962-1520803HYC	SVHF285R2S/H+	5962P1121806HXC

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SVHF285R2S/H+-E	5962P1121806HXA	SVHF285R7SF/K-E	5962P1121807KYA	PYA28C64-20L32MB	5962-8751416YA
SVHF285R2S/K	5962P1121806KXC	DVFL286R3S/H	5962-0724308HXC	PYA28C64B-20CWMB	5962-8751409XA
SVHF285R2S/K-E	5962P1121806KXA	DVFL286R3S/H-E	5962-0724308HXA	PYA28C64B-20L32MB	5962-8751409YA
SVHF285R2SF/H+	5962P1121806HYC	DVFL286R3S/K	5962-0724308KXC	PYA28C64X-20CWMB	5962-8751421XA
SVHF285R2SF/H+-E	5962P1121806HYA	DVFL286R3S/K-E	5962-0724308KXA	PYA28C64X-20L32MB	5962-8751421YA
SVHF285R2SF/K	5962P1121806KYC	DVFL286R3SF/H	5962-0724308HYC	PYX28C64-20CWMB	5962-8751404XA
SVHF285R2SF/K-E	5962P1121806KYA	DVFL286R3SF/H-E	5962-0724308HYA	PYX28C64-20L32MB	5962-8751404YA
SVSA285R2S/H+	5962P1121905HXC	DVFL286R3SF/K	5962-0724308KYC	286425 (GEN)	5962-8751408UA
SVSA285R2S/H+-E	5962P1121905HXA	DVFL286R3SF/K-E	5962-0724308KYA	286425 (GEN)	5962-8751415UA
SVSA285R2S/K	5962P1121905KXC	MOR286R3D/883	5962-9956501HXA	286425 (GEN)	5962-8751415ZA
SVSA285R2S/K-E	5962P1121905KXA	MOR286R3D/883	5962-9956501HXC	286425 (GEN)	5962-8751420UA
MHF+285R2S/883	5962-0325301HXA	MOR286R3DV/883	5962-9956501HUA	286425 (GEN)	5962-8751420ZA
MHF+285R2S/883	5962-0325301HXC	MOR286R3DV/883	5962-9956501HUC	2864-25 (GEN)	5962-8683006XA
MHF+285R2SF/883	5962-0325301HZA	MOR286R3DW/883	5962-9956501HTA	2864-25 (GEN)	5962-8683006YA
MHF+285R2SF/883	5962-0325301HZC	MOR286R3DW/883	5962-9956501HTC	2864-25 (GEN)	5962-8683006ZA
DVSB2853R3D/H	5962-0820701HXC	MOR286R3DY/883	5962-9956501HYA	2864-25 (GEN)	5962-8683008XA
DVSB2853R3D/H-E	5962-0820701HXA	MOR286R3DY/883	5962-9956501HYC	2864-25 (GEN)	5962-8683008YA
DVSB2853R3D/K	5962-0820701KXC	MOR286R3DZ/883	5962-9956501HZA	2864-25 (GEN)	5962-8683008ZA
DVSB2853R3D/K-E	5962-0820701KXA	MOR286R3DZ/883	5962-9956501HZC	28C64-25 (GEN)	5962-8751403ZC
DVSB2853R3DF/H	5962-0820701HYC	MOR286R3S/883	5962-9954501HXA	28C64-25 (GEN)	5962-8751405ZC
DVSB2853R3DF/H-E	5962-0820701HYA	MOR286R3S/883	5962-9954501HXC	AT28C64B-25DM/883	5962-8751408XA
DVSB2853R3DF/K	5962-0820701KYC	MOR286R3SV/883	5962-9954501HUA	AT28C64B-25LM/883	5962-8751408YA
DVSB2853R3DF/K-E	5962-0820701KYA	MOR286R3SV/883	5962-9954501HUC	PYA28C64-25CWMB	5962-8751415XA
DVETR285R7S/H	5962-1520804HXC	MOR286R3SW/883	5962-9954501HTA	PYA28C64-25L32MB	5962-8751415YA
DVETR285R7S/H-E	5962-1520804HXA	MOR286R3SW/883	5962-9954501HTC	PYA28C64B-25CWMB	5962-8751408XA
DVETR285R7S/K	5962-1520804KXC	MOR286R3SY/883	5962-9954501HYA	PYA28C64B-25L32MB	5962-8751408YA
DVETR285R7S/K-E	5962-1520804KXA	MOR286R3SY/883	5962-9954501HYC	PYA28C64X-25CWMB	5962-8751420XA
DVETR285R7SF/H	5962-1520804HYC	MOR286R3SZ/883	5962-9954501HZA	PYA28C64X-25L32MB	5962-8751420YA
DVETR285R7SF/H-E	5962-1520804HYA	MOR286R3SZ/883	5962-9954501HZC	PYX28C64-25CWMB	5962-8751403XA
DVETR285R7SF/K	5962-1520804KYC	2864 (GEN)	5962-8683010XA	PYX28C64-25CWMB	5962-8751405XA
DVETR285R7SF/K-E	5962-1520804KYA	2864 (GEN)	5962-8683010YA	PYX28C64-25L32MB	5962-8751403YA
DVHF285R7S/H	5962-0324308HXC	2864 (GEN)	5962-8683010ZA	PYX28C64-25L32MB	5962-8751405YA
DVHF285R7S/H-E	5962-0324308HXA	286412 (GEN)	5962-8751410UA	2864-250 (GEN)	5962-8683001XA
DVHF285R7S/K	5962-0324308KXC	AT28C64B-12DM/883	5962-8751410XA	2864-250 (GEN)	5962-8683001YA
DVHF285R7S/K-E	5962-0324308KXA	AT28C64B-12LM/883	5962-8751410YA	2864-250 (GEN)	5962-8683001ZA
DVHF285R7SF/H	5962-0324308HYC	PYA28C64B-12CWMB	5962-8751410XA	2864-250 (GEN)	5962-8683005XA
DVHF285R7SF/H-E	5962-0324308HYA	PYA28C64B-12L32MB	5962-8751410YA	2864-250 (GEN)	5962-8683005YA
DVHF285R7SF/K	5962-0324308KYC	286415 (GEN)	5962-8751417UA	2864-250 (GEN)	5962-8683005ZA
DVHF285R7SF/K-E	5962-0324308KYA	286415 (GEN)	5962-8751422UA	286430 (GEN)	5962-8751407UA
MFK285R7S (GEN)	5962-1421005HXA	PYA28C64-15CWMB	5962-8751417XA	286430 (GEN)	5962-8751414UA
MFK285R7S (GEN)	5962-1421005HZA	PYA28C64-15L32MB	5962-8751417YA	286430 (GEN)	5962-8751419UA
MFK285R7S/883	5962-1421014HXA	PYA28C64X-15CWMB	5962-8751422XA	28C64-30 (GEN)	5962-8751402ZC
MFK285R7S/883	5962-1421014HXC	PYA28C64X-15L32MB	5962-8751422YA	AT28C64B-30DM/883	5962-8751407XA
MFK285R7SF/883	5962-1421014HZA	286420 (GEN)	5962-8751409UA	AT28C64B-30LM/883	5962-8751407YA
MFK285R7SF/883	5962-1421014HZC	286420 (GEN)	5962-8751416UA	PYA28C64-30CWMB	5962-8751414XA
SVHF285R7S/H+	5962P1121807HXC	286420 (GEN)	5962-8751421UA	PYA28C64-30L32MB	5962-8751414YA
SVHF285R7S/H+-E	5962P1121807HXA	286420 (GEN)	5962-8751428XA	PYA28C64B-30CWMB	5962-8751407XA
SVHF285R7S/K	5962P1121807KXC	286420 (GEN)	5962-8751428YA	PYA28C64B-30L32MB	5962-8751407YA
SVHF285R7S/K-E	5962P1121807KXA	28C64-20 (GEN)	5962-8751404ZC	PYA28C64X-30CWMB	5962-8751419XA
SVHF285R7SF/H+	5962P1121807HYC	AT28C64B-20DM/883	5962-8751409XA	PYA28C64X-30L32MB	5962-8751419YA
SVHF285R7SF/H+-E	5962P1121807HYA	AT28C64B-20LM/883	5962-8751409YA	PYX28C64-30CWMB	5962-8751402XA
SVHF285R7SF/K	5962P1121807KYC	PYA28C64-20CWMB	5962-8751416XA	PYX28C64-30L32MB	5962-8751402YA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
2864-300 (GEN)	5962-8683003XA	2865300 (GEN)	5962-8751424XA	MOR289R5SY/883	5962-9954601HYA
2864-300 (GEN)	5962-8683003YA	2865300 (GEN)	5962-8751424YA	MOR289R5SY/883	5962-9954601HYC
2864-300 (GEN)	5962-8683003ZA	2865300 (GEN)	5962-8751424ZA	MOR289R5SZ/883	5962-9954601HZA
2864-300 (GEN)	5962-8683009XA	2865350 (GEN)	5962-8751423XA	MOR289R5SZ/883	5962-9954601HZC
2864-300 (GEN)	5962-8683009YA	2865350 (GEN)	5962-8751423YA	OP290A (GEN)	5962-89783012A
2864-300 (GEN)	5962-8683009ZA	2865350 (GEN)	5962-8751423ZA	OP290A (GEN)	5962-8978301PA
286435 (GEN)	5962-8751406UA	SMRT288R7S (GEN)	5962P1220101HXA	29000-16 (GEN)	5962-9228402MZC
286435 (GEN)	5962-8751413UA	SMRT288R7S (GEN)	5962P1220101KXA	29000-20 (GEN)	5962-9228401MZC
286435 (GEN)	5962-8751413ZA	SMRT288R7S (GEN)	5962R1220101HXA	2901 (GEN)	7700702QA
286435 (GEN)	5962-8751418UA	SMRT288R7S (GEN)	5962R1220101KXA	2901A (GEN)	7700701QA
2864-35 (GEN)	5962-8683007XA	SMRT288R7S/EKL	5962L1220101EXA	2901A (GEN)	7700701ZA
2864-35 (GEN)	5962-8683007YA	SMRT288R7S/EKL	5962L1220101EXC	29C010 (GEN)	5962-9168203MXA
2864-35 (GEN)	5962-8683007ZA	SMRT288R7S/EKP	5962P1220101EXA	29C010 (GEN)	5962-9168203MYA
28C64-35 (GEN)	5962-8751401ZC	SMRT288R7S/EKP	5962P1220101EXC	128K8-120 (GEN)	5962-9669002HTA
AT28C64B-35DM/883	5962-8751406XA	SMRT288R7S/EKR	5962R1220101EXA	128K8-120 (GEN)	5962-9669002HUA
AT28C64B-35LM/883	5962-8751406YA	SMRT288R7S/EKR	5962R1220101EXC	128K8-120 (GEN)	5962-9669002HYA
PYA28C64-35CWMB	5962-8751413XA	WMF2M8-90DAQ5	5962-9760903HXA	29C010 (GEN)	5962-9168202MXA
PYA28C64-35L32MB	5962-8751413YA	WMF2M8-90DAQ5	5962-9760903HXC	29C010 (GEN)	5962-9168202MYA
PYA28C64B-35L32MB	5962-8751406YA	WMF2M8-90DAQE5	5962-9760906HXA	128K8-150 (GEN)	5962-9669001HTA
PYA28C64X-35CWMB	5962-8751418XA	WMF2M8-90DAQE5	5962-9760906HXC	128K8-150 (GEN)	5962-9669001HUA
PYA28C64X-35L32MB	5962-8751418YA	DVFL289R5S/H	5962-0724306HXC	128K8-150 (GEN)	5962-9669001HYA
PYX28C64-35CWMB	5962-8751401XA	DVFL289R5S/H-E	5962-0724306HXA	29C010 (GEN)	5962-9168201MXA
PYX28C64-35L32MB	5962-8751401YA	DVFL289R5S/K	5962-0724306KXC	29C010 (GEN)	5962-9168201MYA
28F64T-35 (GEN)	5962H9687301QXA	DVFL289R5S/K-E	5962-0724306KXA	WMF128K8-60CQ5	5962-9669005HYA
28F64T-35 (GEN)	5962H9687301QYA	DVFL289R5SF/H	5962-0724306HYC	WMF128K8-60CQ5	5962-9669005HYC
28F64T-35 (GEN)	5962H9687301VXA	DVFL289R5SF/H-E	5962-0724306HYA	WMF128K8-60FEQ5	5962-9669005HTA
28F64T-35 (GEN)	5962H9687301VYA	DVFL289R5SF/K	5962-0724306KYC	WMF128K8-60FEQ5	5962-9669005HTC
2864-350 (GEN)	5962-8683002XA	DVFL289R5SF/K-E	5962-0724306KYA	WMF128K8-60FFQ5	5962-9669005HUA
2864-350 (GEN)	5962-8683002YA	DVTR289R5S/H	5962-1122408HXC	WMF128K8-60FFQ5	5962-9669005HUC
2864-350 (GEN)	5962-8683002ZA	DVTR289R5S/H-E	5962-1122408HXA	WMF128K8-70CQ5	5962-9669004HYA
28F64T-45 (GEN)	5962H9687302QXA	DVTR289R5S/K	5962-1122408KXC	WMF128K8-70CQ5	5962-9669004HYC
28F64T-45 (GEN)	5962H9687302QYA	DVTR289R5S/K-E	5962-1122408KXA	WMF128K8-70FEQ5	5962-9669004HTA
28F64T-45 (GEN)	5962H9687302VXA	DVTR289R5SF/H	5962-1122408HYC	WMF128K8-70FEQ5	5962-9669004HTC
28F64T-45 (GEN)	5962H9687302VYA	DVTR289R5SF/H-E	5962-1122408HYA	WMF128K8-70FFQ5	5962-9669004HUA
28F64LVC-55 (GEN)	5962H0151601QXA	DVTR289R5SF/K	5962-1122408KYC	WMF128K8-70FFQ5	5962-9669004HUC
28F64LVC-55 (GEN)	5962H0151601QYA	DVTR289R5SF/K-E	5962-1122408KYA	WMF128K8-90CQ5	5962-9669003HYA
28F64LVC-55 (GEN)	5962H0151601VXA	MOR289R5D/883	5962-9956601HXA	WMF128K8-90CQ5	5962-9669003HYC
28F64LVC-55 (GEN)	5962H0151601VYA	MOR289R5D/883	5962-9956601HXC	WMF128K8-90FEQ5	5962-9669003HTA
286470 (GEN)	5962-8751412UA	MOR289R5DV/883	5962-9956601HUA	WMF128K8-90FEQ5	5962-9669003HTC
286470 (GEN)	5962-8751412XA	MOR289R5DV/883	5962-9956601HUC	WMF128K8-90FFQ5	5962-9669003HUA
286470 (GEN)	5962-8751412YA	MOR289R5DW/883	5962-9956601HTA	WMF128K8-90FFQ5	5962-9669003HUC
286490 (GEN)	5962-8751411UA	MOR289R5DW/883	5962-9956601HTC	2903A/BXA	5962-8867701XA
AT28C64B-90DM/883	5962-8751411XA	MOR289R5DY/883	5962-9956601HYA	2903A/BYA	5962-8867701YA
AT28C64B-90LM/883	5962-8751411YA	MOR289R5DY/883	5962-9956601HYC	2903A/BYC	5962-8867701YC
PYA28C64B-90CWMB	5962-8751411XA	MOR289R5DZ/883	5962-9956601HZA	2903A/BZA	5962-8867701ZA
PYA28C64B-90L32MB	5962-8751411YA	MOR289R5DZ/883	5962-9956601HZC	2903A/BZC	5962-8867701ZC
2865200 (GEN)	5962-8751426XA	MOR289R5S/883	5962-9954601HXA	2904/BQA	8601701QA
2865200 (GEN)	5962-8751426YA	MOR289R5S/883	5962-9954601HXC	2904/BYA	8601701YA
2865200 (GEN)	5962-8751426ZA	MOR289R5SV/883	5962-9954601HUA	2904/BYC	8601701YC
2865250 (GEN)	5962-8751425XA	MOR289R5SV/883	5962-9954601HUC	512K8-120 (GEN)	5962-9669202HTA
2865250 (GEN)	5962-8751425YA	MOR289R5SW/883	5962-9954601HTA	512K8-120 (GEN)	5962-9669202HUA
2865250 (GEN)	5962-8751425ZA	MOR289R5SW/883	5962-9954601HTC	512K8-120 (GEN)	5962-9669202HXA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
512K8-120 (GEN)	5962-9669202HZA	2917A/BRA	5962-8671401RA	LM2941GWRLQMLV	5962R9166704VYA
29C040 (GEN)	5962-9324402MXA	2917A/BSA	5962-8671401SA	2942 (GEN)	5962-86801013A
29C040 (GEN)	5962-9324402MYA	29LS18 (GEN)	5962-86719012A	2942 (GEN)	5962-8680101WA
512K8-150 (GEN)	5962-9669201HTA	29LS18 (GEN)	5962-8671901EA	2946/B2A	5962-86723022A
512K8-150 (GEN)	5962-9669201HUA	29LS18 (GEN)	5962-8671901FA	2946/BRA	5962-8672302RA
512K8-150 (GEN)	5962-9669201HXA	2925 (GEN)	5962-88598013A	2947/B2A	5962-86723012A
512K8-150 (GEN)	5962-9669201HZA	2925 (GEN)	5962-8859801LA	2947/BRA	5962-8672301RA
29C040 (GEN)	5962-9324401MXA	2925A (GEN)	5962-88598023A	LP295 (GEN)	5962-3870501BGA
29C040 (GEN)	5962-9324401MYA	2925A (GEN)	5962-8859802LA	LP2951 (GEN)	5962-3870501M2A
512K8-55 (GEN)	5962-9669206HTA	L293D (GEN)	5962-9235001MXA	LP2951 (GEN)	5962-3870501MGA
512K8-55 (GEN)	5962-9669206HUA	2930 (GEN)	5962-87573013A	LP2951 (GEN)	5962-3870501MPA
512K8-55 (GEN)	5962-9669206HXA	2930 (GEN)	5962-8757301XA	LP2951 (GEN)	5962-3870501MXA
512K8-55 (GEN)	5962-9669206HZA	2930 (GEN)	5962-8757301YA	LP2951 (GEN)	5962-3870501S2A
512K8-60 (GEN)	5962-9669205HZA	2932 (GEN)	8605001RA	LP2951 (GEN)	5962-3870501SGA
512K8-70 (GEN)	5962-9669204HTA	2936 (GEN)	5962-9233501MXA	LP2951 (GEN)	5962-3870501SPA
512K8-70 (GEN)	5962-9669204HUA	GEM14101QXA	8603001XA	LP2951J	5962-3870501BPA
512K8-70 (GEN)	5962-9669204HXA	GEM14101QXC	8603001XC	29C516E (GEN)	5962-01A1801QXC
512K8-70 (GEN)	5962-9669204HZA	GEM14101QYA	8603001YA	29C516E (GEN)	5962-01A1801QYC
512K8-90 (GEN)	5962-9669203HTA	GEM14101QYC	8603001YC	29C516E (GEN)	5962-01A1801QZC
512K8-90 (GEN)	5962-9669203HUA	LM2940-12 (GEN)	5962-9088401MMA	29C516E (GEN)	5962-01A1801VXC
512K8-90 (GEN)	5962-9669203HXA	LM2940-12 (GEN)	5962-9088401MNA	29C516E (GEN)	5962-01A1801VYC
512K8-90 (GEN)	5962-9669203HZA	LM2940-12 (GEN)	5962-9088401MUA	29C516E (GEN)	5962-01A1801VZC
2907/B2A	5962-87707012A	LM2940-12 (GEN)	5962-9088401MYA	2952A (GEN)	5962-8777201LA
2907/BRA	5962-8770701RA	LM2940-12 (GEN)	5962-9088401QEA	29FCT52AT (GEN)	5962-9220401M3A
2907/BSA	5962-8770701SA	LM2940-12 (GEN)	5962-9088401QXA	29FCT52AT (GEN)	5962-9220401MKA
2909A (GEN)	86027013A	LM2940-15 (GEN)	5962-9088501MNA	29FCT52AT (GEN)	5962-9220401MLA
2909A (GEN)	8602701XA	LM2940-15 (GEN)	5962-9088501MUA	29FCT52BT (GEN)	5962-9220402M3A
2909A (GEN)	8602701YA	LM2940-15 (GEN)	5962-9088501MYA	29FCT52BT (GEN)	5962-9220402MKA
2909A (GEN)	8602701ZA	LM2940-15 (GEN)	5962-9088501QEA	29FCT52BT (GEN)	5962-9220402MLA
2910/BQA	7801701QA	LM2940-15 (GEN)	5962-9088501QXA	29FCT52CT (GEN)	5962-9220403M3A
2910/BZA	7801701ZA	OM2940-15 (GEN)	5962-9088501MMA	29FCT52CT (GEN)	5962-9220403MKA
2910/BZC	7801701ZC	LM2940-5.0 (GEN)	5962-8958701UA	29FCT52CT (GEN)	5962-9220403MLA
2910A/BQA	7801702QA	OM2940-5 (GEN)	5962-8958701MA	P29FCT52ACMB	5962-9090101MLA
2910A/BZA	7801702ZA	OM2940-5 (GEN)	5962-8958701NA	P29FCT52AFSMB	5962-9090101MKA
2910A/BZC	7801702ZC	LM2940-5.0 (GEN)	5962-8958701EA	P29FCT52ALMB	5962-9090101M3A
29C10A (GEN)	5962-8770801QA	LM2940-5.0 (GEN)	5962-8958701XA	P29FCT52BCMB	5962-9090102MLA
29C10A (GEN)	5962-8770801UA	LM2940-5.0 (GEN)	5962-8958701YA	P29FCT52BFSMB	5962-9090102MKA
2911A (GEN)	8602801RA	LM2940-5.0 (GEN)	5962R8958702VXA	P29FCT52BLMB	5962-9090102M3A
29116 (GEN)	5962-8686301XA	LM2940-5.0 MDE	5962R8958702V9A	P29FCT52CCMB	5962-9090103MLA
29C116 (GEN)	5962-8861201XC	LM2940GW-5.0/883	5962-8958703XA	P29FCT52CFSMB	5962-9090103MKA
29C116 (GEN)	5962-8861201YC	LM2940GW-5.0RLQV	5962R8958704VXA	P29FCT52CLMB	5962-9090103M3A
29C116 (GEN)	5962-8861201ZA	LM2940-8 (GEN)	5962-9088301MYA	29FCT520A (GEN)	5962-88736013A
29C116-1 (GEN)	5962-8861202XC	LM2940-8 (GEN)	5962-9088301QEA	29FCT520A (GEN)	5962-8873601KA
29C116-1 (GEN)	5962-8861202YC	LM2941 (GEN)	5962-9166701QEA	29FCT520A (GEN)	5962-8873601LA
29C116-1 (GEN)	5962-8861202ZA	LM2941 (GEN)	5962-9166701QXA	29FCT520AT (GEN)	5962-9220501M3A
29C116-2 (GEN)	5962-8861203XC	LM2941 (GEN)	5962-9166701QYA	29FCT520AT (GEN)	5962-9220501MLA
29C116-2 (GEN)	5962-8861203YC	LM2941 (GEN)	5962-9166701VEA	29FCT520AT (GEN)	5962-9220502M3A
29C116-2 (GEN)	5962-8861203ZA	LM2941 (GEN)	5962-9166701VYA	29FCT520AT (GEN)	5962-9220502MKA
2914 (GEN)	8602901QA	LM2941 (GEN)	5962R9166702VYA	29FCT520B (GEN)	5962-88736033A
2914 (GEN)	8602901UA	LM2941 MDE	5962R9166702V9A	29FCT520B (GEN)	5962-8873603KA
2914 (GEN)	8602901YA	LM2941GW/883	5962-9166703QYA	29FCT520B (GEN)	5962-8873603LA
2917A/B2A	5962-86714012A	LM2941GW-QMLV	5962-9166703VYA	29FCT520BT (GEN)	5962-9220503M3A

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
29FCT520BT (GEN)	5962-9220503MLA	2960 (GEN)	5962-8760201XA	IS1-2981RH-8	5962R0052001QVC
29FCT520BT (GEN)	5962-9220504M3A	2960 (GEN)	5962-8760201YA	IS1-2981RH-Q	5962R0052001VVC
29FCT520BT (GEN)	5962-9220504MKA	2960 (GEN)	5962-8760201ZA	IS1-2981RH-T	5962R0052001TVC
29FCT520CT (GEN)	5962-9220505M3A	29C60A (GEN)	5962-8861303UA	29818A (GEN)	5962-89549013A
29FCT520CT (GEN)	5962-9220505MLA	29C60A (GEN)	5962-8861303XA	29818A (GEN)	5962-8954901KA
29FCT520CT (GEN)	5962-9220506M3A	29C60A (GEN)	5962-8861303YA	29818A (GEN)	5962-8954901LA
29FCT520CT (GEN)	5962-9220506MKA	29C60A (GEN)	5962-8861303ZA	29FCT818AT (GEN)	5962-9682701Q3A
29FCT520CT (GEN)	5962-9220506MLA	R29633	7902401JA	CY29FCT818ATDMB	5962-9682701QLA
CY29FCT520ATDMB	5962-9220502MLA	R29633	79024023A	29C818 (GEN)	5962-90515013A
CY29FCT520BTDMB	5962-9220504MLA	R29633	7902402JA	29C818-30 (GEN)	5962-9051501LA
29C520-16 (GEN)	5962-9176203M3A	R29633	7902402KA	29C818-30 (GEN)	5962-9051501XA
29C520-16 (GEN)	5962-9176203MKA	R29633	7902402LA	29821A (GEN)	5962-87755013A
29C520-16 (GEN)	5962-9176203MLA	R29633	7902402XA	29821A (GEN)	5962-8775501KA
29C520-24 (GEN)	5962-9176202M3A	2964B/BQA	5962-8757401QA	29821A (GEN)	5962-8775501LA
29C520-24 (GEN)	5962-9176202MKA	2964B/BUA	5962-8757401UA	29C821A (GEN)	5962-88516053A
29C520-24 (GEN)	5962-9176202MLA	2965 (GEN)	5962-86707012A	29C821A (GEN)	5962-8851605KA
29C520-30 (GEN)	5962-9176201M3A	2965 (GEN)	5962-8670701RA	29C821A (GEN)	5962-8851605LA
29C520-30 (GEN)	5962-9176201MKA	2966 (GEN)	5962-86707022A	29823A (GEN)	5962-87755023A
29C520-30 (GEN)	5962-9176201MLA	2966 (GEN)	5962-8670702RA	29823A (GEN)	5962-8775502KA
29FCT521A (GEN)	5962-88736023A	29C660A (GEN)	5962-8853303UA	29823A (GEN)	5962-8775502LA
29FCT521A (GEN)	5962-8873602KA	29C660B (GEN)	5962-8853304UA	29C823A (GEN)	5962-88516063A
29FCT521A (GEN)	5962-8873602LA	29C660C (GEN)	5962-8853305UA	29C823A (GEN)	5962-8851606KA
29FCT521B (GEN)	5962-88736043A	2968A (GEN)	5962-8869601XA	29C823A (GEN)	5962-8851606LA
29FCT521B (GEN)	5962-8873604KA	2968A (GEN)	5962-8869602YA	29825A (GEN)	5962-87755033A
29FCT521B (GEN)	5962-8873604LA	29705/B3A	86025013A	29825A (GEN)	5962-8775503KA
29C521-16 (GEN)	5962-9176206M3A	29705/BXA	8602501XA	29825A (GEN)	5962-8775503LA
29C521-16 (GEN)	5962-9176206M3C	29705/BYA	8602501YA	29827A (GEN)	5962-88605013A
29C521-16 (GEN)	5962-9176206MKA	29705/XA	8602501XA	29827A (GEN)	5962-8860501KA
29C521-16 (GEN)	5962-9176206MLA	29705/YA	8602501YA	29827A (GEN)	5962-8860501LA
29C521-24 (GEN)	5962-9176205M3A	R29771	82008013A	29C827 (GEN)	5962-87667013A
29C521-24 (GEN)	5962-9176205MKA	R29771	8200801JA	29C827 (GEN)	5962-8766701KA
29C521-24 (GEN)	5962-9176205MLA	R29771	8200801LA	29C827 (GEN)	5962-8766701LA
29C521-30 (GEN)	5962-9176204M3A	R29771	82008043A	29C827A (GEN)	5962-87667053A
29C521-30 (GEN)	5962-9176204MKA	R29771	8200804JA	29C827A (GEN)	5962-8766705KA
29C521-30 (GEN)	5962-9176204MLA	R29771	8200804LA	29C827A (GEN)	5962-8766705LA
29C525-20 (GEN)	5962-9169602M3C	R29771 (GEN)	8200801XA	29828A (GEN)	5962-88605023A
29C525-20 (GEN)	5962-9169602MUA	SL82HS32131	82008013A	29828A (GEN)	5962-8860502KA
29C525-20 (GEN)	5962-9169602MXA	R29791 (GEN)	82009013A	29828A (GEN)	5962-8860502LA
29C525-20 (GEN)	5962-9169602MYA	R29791 (GEN)	8200901JA	29C828 (GEN)	5962-87667023A
29C525-25 (GEN)	5962-9169601M3C	R29791 (GEN)	8200901KA	29C828 (GEN)	5962-8766702KA
29C525-25 (GEN)	5962-9169601MUA	R29791 (GEN)	8200901LA	29C828 (GEN)	5962-8766702LA
29C525-25 (GEN)	5962-9169601MXC	R29791 (GEN)	8200901XA	29C828A (GEN)	5962-87667063A
29C525-25 (GEN)	5962-9169601MYA	R29791 (GEN)	8200901ZA	29C828A (GEN)	5962-8766706KA
2953A (GEN)	5962-8777202LA	AAHS298B-06-4020A-Q	5962-1523101QYC	29C828A (GEN)	5962-8766706LA
LP2953A (GEN)	5962-9233601MEA	AAHS298B-07-4020A-V	5962-1523101VYC	2983 (GEN)	5962-8851902VA
LP2953A (GEN)	5962-9233601QXA	AAHS298B-S-S20B-B	5962-1523101QXC	29833A (GEN)	5962-90513013A
LP2953A (GEN)	5962-9233601VEA	AAHS298B-S-S20B-S	5962-1523101VXC	29833A (GEN)	5962-9051301KA
LP2953A (GEN)	5962-9233601VXA	CJSE298	5962-9313401HXC	29833A (GEN)	5962-9051301LA
LP2953AMGW/883	5962-9233602QXA	2981 (GEN)	5962-8851901VA	29C833A (GEN)	5962-88573043A
LP2953AMGW-QMLV	5962-9233602VXA	IS0-2981EH-Q	5962R0052002V9A	29C833A (GEN)	5962-8857304KA
LP2956 (GEN)	5962-9554701QEA	IS0-2981RH-Q	5962R0052001V9A	29C833A (GEN)	5962-8857304LA
2960 (GEN)	5962-8760201UA	IS1-2981EH-Q	5962R0052002VVC	29C841 (GEN)	5962-87603013A

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
29C841 (GEN)	5962-8760301KA	UTACS2S99S-XCC	5962G1523901QXC	LCA300 (GEN)	5962-94B0601M5C
29C841 (GEN)	5962-8760301LA	UTACS2S99S-XCC	5962G1523901VXC	LCA300 (GEN)	5962-94B0601M6C
29C841A (GEN)	5962-87603053A	UTACS2S99S-XCC	5962H1523902QXC	LCA300 (GEN)	5962-94B0601M7C
29C841A (GEN)	5962-8760305KA	UTACS2S99S-XCC	5962H1523902VXC	LCA300 (GEN)	5962-94B0601M8C
29C841A (GEN)	5962-8760305LA	2990-12 (GEN)	5962-9571001MMA	LCA300 (GEN)	5962-94B0601M9C
29C843 (GEN)	5962-87603023A	2990-12 (GEN)	5962-9571001MNA	LCA300 (GEN)	5962-94B0601MCC
29C843 (GEN)	5962-8760302KA	2990-12 (GEN)	5962-9571001MUA	LCA300 (GEN)	5962-94B0601MMC
29C843 (GEN)	5962-8760302LA	LM2990-12 (GEN)	5962-9571001QEA	LCA300 (GEN)	5962-94B0601MNC
29C843A (GEN)	5962-87603063A	LM2990-12 (GEN)	5962-9571001QXA	LCA300 (GEN)	5962-94B0601MTC
29C843A (GEN)	5962-8760306KA	2990-15 (GEN)	5962-9570901M2A	LCA300 (GEN)	5962-94B0601MUC
29C843A (GEN)	5962-8760306LA	2990-15 (GEN)	5962-9570901M4A	LCA300 (GEN)	5962-94B0601MXC
29853A (GEN)	5962-90513023A	2990-15 (GEN)	5962-9570901MMA	LCA300 (GEN)	5962-94B0601MYC
29853A (GEN)	5962-9051302KA	2990-15 (GEN)	5962-9570901MNA	LCA300 (GEN)	5962-94B0601MZC
29853A (GEN)	5962-9051302LA	2990-15 (GEN)	5962-9570901MTA	LCA310 (GEN)	5962-94B0602M4C
29C853 (GEN)	5962-88573013A	2990-15 (GEN)	5962-9570901MUA	LCA310 (GEN)	5962-94B0602M5C
29C853 (GEN)	5962-8857301KA	2990-15 (GEN)	5962-9570901MYA	LCA310 (GEN)	5962-94B0602M6C
29C853 (GEN)	5962-8857301LA	2990-15 (GEN)	5962-9570901MZA	LCA310 (GEN)	5962-94B0602M7C
29C853A (GEN)	5962-88573033A	LM2990-15 (GEN)	5962-9570901QEA	LCA310 (GEN)	5962-94B0602M8C
29C853A (GEN)	5962-8857303KA	LM2990-15 (GEN)	5962-9570901QXA	LCA310 (GEN)	5962-94B0602M9C
29C853A (GEN)	5962-8857303LA	2990-5 (GEN)	5962-9571101MMA	LCA310 (GEN)	5962-94B0602MCC
29855A (GEN)	5962-90513033A	2990-5 (GEN)	5962-9571101MNA	LCA310 (GEN)	5962-94B0602MMC
29855A (GEN)	5962-9051303KA	2990-5 (GEN)	5962-9571101MUA	LCA310 (GEN)	5962-94B0602MNC
29855A (GEN)	5962-9051303LA	2990-5.0 (GEN)	5962-9571101QEA	LCA310 (GEN)	5962-94B0602MTC
29C855 (GEN)	5962-88573023A	2990-5.0 (GEN)	5962-9571101QXA	LCA310 (GEN)	5962-94B0602MUC
29C855 (GEN)	5962-8857302KA	2990-5.2 (GEN)	5962-9571102MMA	LCA310 (GEN)	5962-94B0602MXC
29C855 (GEN)	5962-8857302LA	2990-5.2 (GEN)	5962-9571102MNA	LCA310 (GEN)	5962-94B0602MYC
29861A (GEN)	5962-88604013A	2990-5.2 (GEN)	5962-9571102MUA	LCA310 (GEN)	5962-94B0602MZC
29861A (GEN)	5962-8860401KA	LM2991 (GEN)	5962-9650501QEA	LCB300 (GEN)	5962-94B0603M4C
29861A (GEN)	5962-8860401LA	LM2991 (GEN)	5962-9650501QXA	LCB300 (GEN)	5962-94B0603M5C
29C861 (GEN)	5962-87704013A	LM2991 (GEN)	5962-9650501VEA	LCB300 (GEN)	5962-94B0603M6C
29C861 (GEN)	5962-8770401KA	LM2991GW-QML	5962-9650502QXA	LCB300 (GEN)	5962-94B0603M7C
29C861 (GEN)	5962-8770401LA	29921A (GEN)	5962-8775504LA	LCB300 (GEN)	5962-94B0603M8C
29C861A (GEN)	5962-87704053A	29C921 (GEN)	5962-8851603LA	LCB300 (GEN)	5962-94B0603M9C
29C861A (GEN)	5962-8770405KA	29923A (GEN)	5962-8775505LA	LCB300 (GEN)	5962-94B0603MCC
29C861A (GEN)	5962-8770405LA	29C923 (GEN)	5962-8851604LA	LCB300 (GEN)	5962-94B0603MMC
29863A (GEN)	5962-88604023A	29925A (GEN)	5962-8775506LA	LCB300 (GEN)	5962-94B0603MNC
29863A (GEN)	5962-8860402KA	29C927 (GEN)	5962-8766703LA	LCB300 (GEN)	5962-94B0603MTC
29863A (GEN)	5962-8860402LA	29C928 (GEN)	5962-8766704LA	LCB300 (GEN)	5962-94B0603MUC
29C863 (GEN)	5962-87704023A	29C941 (GEN)	5962-8760303LA	LCB300 (GEN)	5962-94B0603MXC
29C863 (GEN)	5962-8770402KA	29C943 (GEN)	5962-8760304LA	LCB300 (GEN)	5962-94B0603MYC
29C863 (GEN)	5962-8770402LA	29C961 (GEN)	5962-8770403LA	LCB300 (GEN)	5962-94B0603MZC
29C863A (GEN)	5962-87704063A	29C963 (GEN)	5962-8770404LA	LCB310 (GEN)	5962-94B0604M4C
29C863A (GEN)	5962-8770406KA	ACS30 (GEN)	5962F9863101V9A	LCB310 (GEN)	5962-94B0604M5C
29C863A (GEN)	5962-8770406LA	ACS30 (GEN)	5962F9863101VCC	LCB310 (GEN)	5962-94B0604M6C
CJSE299	5962-9313402HXC	ACS30 (GEN)	5962F9863101VXC	LCB310 (GEN)	5962-94B0604M7C
HCTS299 (GEN)	5962R9574601V9A	HCTS30 (GEN)	5962R9573501V9A	LCB310 (GEN)	5962-94B0604M8C
HCTS299 (GEN)	5962R9574601VRC	HCTS30 (GEN)	5962R9573501VCC	LCB310 (GEN)	5962-94B0604M9C
HCTS299 (GEN)	5962R9574601VXC	HCTS30 (GEN)	5962R9573501VXC	LCB310 (GEN)	5962-94B0604MCC
UTACS2S99S-XCA	5962G1523901QXA	BXM-300 (GEN)	5962-98A1701VXA	LCB310 (GEN)	5962-94B0604MMC
UTACS2S99S-XCA	5962G1523901VXA	BXM-300A (GEN)	5962-98A1702VXA	LCB310 (GEN)	5962-94B0604MNC
UTACS2S99S-XCA	5962H1523902QXA	CJSE300	5962-9313403HXC	LCB310 (GEN)	5962-94B0604MTC
UTACS2S99S-XCA	5962H1523902VXA	LCA300 (GEN)	5962-94B0601M4C	LCB310 (GEN)	5962-94B0604MUC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
LCB310 (GEN)	5962-94B0604MXC	HS-302 (GEN)	5962R9581201QCC	HS0-303BEH-Q	5962F9581307V9A
LCB310 (GEN)	5962-94B0604MYC	HS-302 (GEN)	5962R9581201TCC	HS0-303BRH-Q	5962F9581305V9A
LCB310 (GEN)	5962-94B0604MZC	HS-302 (GEN)	5962R9581201V9A	HS0-303CEH-Q	5962R9581308V9A
LEA300 (GEN)	5962-94B0605M4C	HS-302 (GEN)	5962R9581201VCC	HS1-303AEH-Q	5962F9581306VCC
LEA300 (GEN)	5962-94B0605M5C	HS-302 (GEN)	5962R9581201VXC	HS1-303ARH-8	5962F9581304QCC
LEA300 (GEN)	5962-94B0605M6C	HS-302 (GEN)	5962R9581204V9A	HS1-303ARH-Q	5962F9581304VCC
LEA300 (GEN)	5962-94B0605M7C	HS-302 (GEN)	5962R9581204VCC	HS1-303BEH-Q	5962F9581307VCC
LEA300 (GEN)	5962-94B0605M8C	HS-302 (GEN)	5962R9581204VXC	HS1-303BRH-8	5962F9581305QCC
LEA300 (GEN)	5962-94B0605M9C	HS9-302AEH-Q	5962R9581205VXC	HS1-303BRH-Q	5962F9581305VCC
LEA300 (GEN)	5962-94B0605MCC	MN3020MXA	5962-8971801XA	HS-303 (GEN)	5962R9581301QCC
LEA300 (GEN)	5962-94B0605MMC	MN3020MXC	5962-8971801XC	HS-303 (GEN)	5962R9581301QXC
LEA300 (GEN)	5962-94B0605MNC	3020-100 (GEN)	5962-8994803MMC	HS-303 (GEN)	5962R9581301TCC
LEA300 (GEN)	5962-94B0605MTC	3020-100 (GEN)	5962-8994803MNC	HS-303 (GEN)	5962R9581301TXC
LEA300 (GEN)	5962-94B0605MUC	3020-100 (GEN)	5962-8994803MTC	HS-303 (GEN)	5962R9581301V9A
LEA300 (GEN)	5962-94B0605MXC	3020-100 (GEN)	5962-8994803MXC	HS-303 (GEN)	5962R9581301VCC
LEA300 (GEN)	5962-94B0605MYC	3020-100 (GEN)	5962-8994803MYC	HS-303 (GEN)	5962R9581301VXC
LEA300 (GEN)	5962-94B0605MZC	3020-100 (GEN)	5962-8994803Q9A	HS9-303AEH-Q	5962F9581306VXC
LEA310 (GEN)	5962-94B0606M4C	3020-100 (GEN)	5962-8994803QUA	HS9-303ARH-8	5962F9581304QXC
LEA310 (GEN)	5962-94B0606M5C	3020-100 (GEN)	5962-8994803QZA	HS9-303ARH-Q	5962F9581304VXC
LEA310 (GEN)	5962-94B0606M6C	3020-125 (GEN)	5962-8994804Q9A	HS9-303BEH-Q	5962F9581307VXC
LEA310 (GEN)	5962-94B0606M7C	3020-125 (GEN)	5962-8994804QUA	HS9-303BRH-8	5962F9581305QXC
LEA310 (GEN)	5962-94B0606M8C	3020-125 (GEN)	5962-8994804QZA	HS9-303BRH-Q	5962F9581305VXC
LEA310 (GEN)	5962-94B0606M9C	3020-50 (GEN)	5962-8994801MMC	HS9-303CEH-Q	5962R9581308VXC
LEA310 (GEN)	5962-94B0606MCC	3020-50 (GEN)	5962-8994801MNC	HX303G	5962F06B0101Q8C
LEA310 (GEN)	5962-94B0606MMC	3020-50 (GEN)	5962-8994801MTC	HX303G	5962F06B0101QXC
LEA310 (GEN)	5962-94B0606MNC	3020-50 (GEN)	5962-8994801MXC	HX303G	5962F06B0101V8C
LEA310 (GEN)	5962-94B0606MTC	3020-50 (GEN)	5962-8994801MYC	HX303G	5962F06B0101VXC
LEA310 (GEN)	5962-94B0606MUC	3020-50 (GEN)	5962-8994801MZA	HX303G	5962F06B0105Q8C
LEA310 (GEN)	5962-94B0606MXC	3020-50 (GEN)	5962-8994801Q9A	HX303G	5962F06B0105QXC
LEA310 (GEN)	5962-94B0606MYC	3020-50 (GEN)	5962-8994801QUA	HX303G	5962F06B0105V8C
LEA310 (GEN)	5962-94B0606MZC	3020-50 (GEN)	5962-8994801QZA	HX303G	5962F06B0105VXC
UT300 (GEN)	5962R96B0218Q*C	3020-50 (GEN)	5962-8994801XC	HX303G	5962F06B0109Q8C
UT300 (GEN)	5962R96B0218V*C	3020-50 (GEN)	5962-8994801YC	HX303G	5962F06B0109QXC
XQV300-4CB228	5962-9957201QYC	3020-70 (GEN)	5962-8994802MMC	HX303G	5962F06B0109V8C
XQV300-4CB228	5962-9957201QZC	3020-70 (GEN)	5962-8994802MNC	HX303G	5962F06B0109VXC
XQVR300-4CB228	5962R9957201QYC	3020-70 (GEN)	5962-8994802MTC	HX303G	5962F06B0113Q8C
XQVR300-4CB228	5962R9957201QZC	3020-70 (GEN)	5962-8994802MXC	HX303G	5962F06B0113QXC
XQV300-4CPQ240	5962-9957201NTB	3020-70 (GEN)	5962-8994802MYC	HX303G	5962F06B0113V8C
XQVR300-4CPQ240	5962R9957201NTB	3020-70 (GEN)	5962-8994802MZA	HX303G	5962F06B0113VXC
XQV300-4BG352N	5962-9957201NNA	3020-70 (GEN)	5962-8994802Q9A	HX303G (GEN)	5962F06B0101QYC
XQV300-4 (GEN)	5962-9957201NUA	3020-70 (GEN)	5962-8994802QUA	HX303G (GEN)	5962F06B0101VYC
XQVR300-4CBG432	5962R9957201NUA	3020-70 (GEN)	5962-8994802QZA	HX303P	5962F06B0117Q8C
MN3008 (GEN)	5962-8768801YA	3020-70 (GEN)	5962-8994802XC	HX303P	5962F06B0117QXC
MN3008MXA	5962-8768801XA	3020-70 (GEN)	5962-8994802YC	HX303P	5962F06B0117V8C
MN3008MXC	5962-8768801XC	ADS-30214	5962-9319803HXA	HX303P	5962F06B0117VXC
MN3009 (GEN)	5962-8768802YA	ADS-30214	5962-9319803HXC	HX303P	5962F06B0121Q8C
MN3009MXA	5962-8768802XA	TVP3026-175 (GEN)	5962-9675801NYB	HX303P	5962F06B0121QXC
MN3009MXC	5962-8768802XC	TVP3026-175 (GEN)	5962-9675801QXA	HX303P	5962F06B0121V8C
CJSE301	5962-9313404HXC	HS-302 (GEN)	5962R9581201QXC	HX303P	5962F06B0121VXC
TVP3010 (GEN)	5962-9675901QYA	HS-302 (GEN)	5962R9581201TXC	HX303P	5962F06B0125Q8C
ADS-30189 (GEN)	5962-9319802HXA	HS0-303AEH-Q	5962F9581306V9A	HX303P	5962F06B0125QXC
HS0-302AEH-Q	5962R9581205V9A	HS0-303ARH-Q	5962F9581304V9A	HX303P	5962F06B0125V8C



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
HX303P	5962F06B0125VXC	HX306G	5962F06B0102VZC	3090-100 (GEN)	5962-8982303MXC
HX303P	5962F06B0129Q8C	HX306G	5962F06B0106QM	3090-100 (GEN)	5962-8982303MZC
HX303P	5962F06B0129QXC	HX306G	5962F06B0106QUC	3090-100 (GEN)	5962-8982303QXA
HX303P	5962F06B0129V8C	HX306G	5962F06B0106QZC	3090-100 (GEN)	5962-8982303QZA
HX303P	5962F06B0129VXC	HX306G	5962F06B0106VMC	3090-125 (GEN)	5962-8982304QXA
3042-100 (GEN)	5962-8971303M9C	HX306G	5962F06B0106VUC	3090-125 (GEN)	5962-8982304QZA
3042-100 (GEN)	5962-8971303MMC	HX306G	5962F06B0106VZC	3090-50 (GEN)	5962-8982301MTC
3042-100 (GEN)	5962-8971303MNC	HX306G	5962F06B0110QM	3090-50 (GEN)	5962-8982301MUA
3042-100 (GEN)	5962-8971303MXC	HX306G	5962F06B0110QUC	3090-50 (GEN)	5962-8982301MXC
3042-100 (GEN)	5962-8971303MZC	HX306G	5962F06B0110QZC	3090-50 (GEN)	5962-8982301MYA
3042-100 (GEN)	5962-8971303Q8A	HX306G	5962F06B0110VMC	3090-50 (GEN)	5962-8982301MZC
3042-100 (GEN)	5962-8971303QTA	HX306G	5962F06B0110VUC	3090-50 (GEN)	5962-8982301QXA
3042-100 (GEN)	5962-8971303QUA	HX306G	5962F06B0114QM	3090-50 (GEN)	5962-8982301QZA
3042-100 (GEN)	5962-8971303QZA	HX306G	5962F06B0114QUC	3090-50 (GEN)	5962-8982301XC
X042-100 (GEN)	5962-8971303MYC	HX306G	5962F06B0114QZC	3090-50 (GEN)	5962-8982301YA
3042-125 (GEN)	5962-8971304Q8A	HX306G	5962F06B0114VMC	3090-50 (GEN)	5962-8982301ZC
3042-125 (GEN)	5962-8971304QTA	HX306G	5962F06B0114VUC	3090-70 (GEN)	5962-8982302MTC
3042-125 (GEN)	5962-8971304QUA	HX306G	5962F06B0114VZC	3090-70 (GEN)	5962-8982302MUA
3042-125 (GEN)	5962-8971304QZA	HX306G	5962F07B0110V7C	3090-70 (GEN)	5962-8982302MXC
3042-50 (GEN)	5962-8971301M9C	HX306G	5962F07B0114VZC	3090-70 (GEN)	5962-8982302MYA
3042-50 (GEN)	5962-8971301MMC	HX306G	5962H06B0110VZC	3090-70 (GEN)	5962-8982302MZC
3042-50 (GEN)	5962-8971301MNC	HX306P	5962F06B0118QM	3090-70 (GEN)	5962-8982302QXA
3042-50 (GEN)	5962-8971301MXC	HX306P	5962F06B0118QUC	3090-70 (GEN)	5962-8982302QZA
3042-50 (GEN)	5962-8971301MYC	HX306P	5962F06B0118QZC	3090-70 (GEN)	5962-8982302XC
3042-50 (GEN)	5962-8971301MZC	HX306P	5962F06B0118VMC	3090-70 (GEN)	5962-8982302YA
3042-50 (GEN)	5962-8971301Q8A	HX306P	5962F06B0118VUC	3090-70 (GEN)	5962-8982302ZC
3042-50 (GEN)	5962-8971301QTA	HX306P	5962F06B0118VZC	RHFLVDS315D2V	5962F9865108V9A
3042-50 (GEN)	5962-8971301QUA	HX306P	5962F06B0122QM	RHFLVDS315K01V	5962F9865108VZC
3042-50 (GEN)	5962-8971301QZA	HX306P	5962F06B0122QUC	RHFLVDS315K02V	5962F9865108VZA
3042-50 (GEN)	5962-8971301XC	HX306P	5962F06B0122QZC	RHFLVDS31AD2V	5962F9865107V9A
3042-50 (GEN)	5962-8971301YC	HX306P	5962F06B0122VMC	RHFLVDS31AK01V	5962F9865107VZC
3042-50 (GEN)	5962-8971301ZC	HX306P	5962F06B0122VUC	RHFLVDS31AK02V	5962F9865107VZA
3042-70 (GEN)	5962-8971302M9C	HX306P	5962F06B0122VZC	RH-LVDS31K	5962R9865106VYC
3042-70 (GEN)	5962-8971302MMC	HX306P	5962F06B0126QM	MAX310 (GEN)	5962-9455601M2C
3042-70 (GEN)	5962-8971302MNC	HX306P	5962F06B0126QUC	MAX310 (GEN)	5962-9455601MEA
3042-70 (GEN)	5962-8971302MXC	HX306P	5962F06B0126QZC	RHF310AK01V	5962F0723302VYC
3042-70 (GEN)	5962-8971302MYC	HX306P	5962F06B0126VMC	RHF310DIE2V	5962F0723301V9A
3042-70 (GEN)	5962-8971302MZC	HX306P	5962F06B0126VUC	RHF310K-01V	5962F0723301VXC
3042-70 (GEN)	5962-8971302Q8A	HX306P	5962F06B0126VZC	GEM31001QCA	7701001CA
3042-70 (GEN)	5962-8971302QTA	HX306P	5962F06B0130QM	GEM31001QCC	7701001CC
3042-70 (GEN)	5962-8971302QUA	HX306P	5962F06B0130QUC	GEM31001QDA	7701001DA
3042-70 (GEN)	5962-8971302QZA	HX306P	5962F06B0130QZC	GEM31001QDC	7701001DC
3042-70 (GEN)	5962-8971302XC	HX306P	5962F06B0130VMC	HX311G	5962F06B0103Q4C
3042-70 (GEN)	5962-8971302YC	HX306P	5962F06B0130VUC	HX311G	5962F06B0103Q5C
3042-70 (GEN)	5962-8971302ZC	HX306P	5962F06B0130VZC	HX311G	5962F06B0103Q6C
HS-306 (GEN)	5962R9581202VCA	HS-307 (GEN)	5962R9581302QCC	HX311G	5962F06B0103Q7C
HS-306 (GEN)	5962R9581202VXA	HS-307 (GEN)	5962R9581302QXC	HX311G	5962F06B0103QM
HX306G	5962F06B0102QM	HS-307 (GEN)	5962R9581302V9A	HX311G	5962F06B0103QTC
HX306G	5962F06B0102QUC	HS-307 (GEN)	5962R9581302VCC	HX311G	5962F06B0103QUC
HX306G	5962F06B0102QZC	HS-307 (GEN)	5962R9581302VXC	HX311G	5962F06B0103V4C
HX306G	5962F06B0102VMC	SG3081 (GEN)	5962-8866401EA	HX311G	5962F06B0103V5C
HX306G	5962F06B0102VUC	3090-100 (GEN)	5962-8982303MTC	HX311G	5962F06B0103V6C



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
HX311G	5962F06B0103V7C	HX311G	5962F07B0107QZC	HX311P	5962F06B0123V5C
HX311G	5962F06B0103VMC	HX311G	5962F07B0107VMC	HX311P	5962F06B0123V6C
HX311G	5962F06B0103VTC	HX311G	5962F07B0107VXC	HX311P	5962F06B0123V7C
HX311G	5962F06B0103VUC	HX311G	5962F07B0107VYC	HX311P	5962F06B0123VMC
HX311G	5962F06B0107Q4C	HX311G	5962F07B0107VZC	HX311P	5962F06B0123VTC
HX311G	5962F06B0107Q5C	HX311G	5962F07B0111QM	HX311P	5962F06B0123VUC
HX311G	5962F06B0107Q6C	HX311G	5962F07B0111QNC	HX311P	5962F06B0127Q4C
HX311G	5962F06B0107Q7C	HX311G	5962F07B0111QXC	HX311P	5962F06B0127Q5C
HX311G	5962F06B0107QM	HX311G	5962F07B0111QYC	HX311P	5962F06B0127Q6C
HX311G	5962F06B0107QTC	HX311G	5962F07B0111QZC	HX311P	5962F06B0127Q7C
HX311G	5962F06B0107QUC	HX311G	5962F07B0111VMC	HX311P	5962F06B0127QM
HX311G	5962F06B0107V4C	HX311G	5962F07B0111VNC	HX311P	5962F06B0127QTC
HX311G	5962F06B0107V5C	HX311G	5962F07B0111VXC	HX311P	5962F06B0127QUC
HX311G	5962F06B0107V6C	HX311G	5962F07B0111VYC	HX311P	5962F06B0127V4C
HX311G	5962F06B0107V7C	HX311G	5962F07B0111VZC	HX311P	5962F06B0127V5C
HX311G	5962F06B0107VMC	HX311G	5962F07B0115QM	HX311P	5962F06B0127V6C
HX311G	5962F06B0107VTC	HX311G	5962F07B0115QXC	HX311P	5962F06B0127V7C
HX311G	5962F06B0107VUC	HX311G	5962F07B0115QYC	HX311P	5962F06B0127VMC
HX311G	5962F06B0111Q4C	HX311G	5962F07B0115QZC	HX311P	5962F06B0127VTC
HX311G	5962F06B0111Q5C	HX311G	5962F07B0115VMC	HX311P	5962F06B0127VUC
HX311G	5962F06B0111Q6C	HX311G	5962F07B0115VXC	HX311P	5962F06B0131Q4C
HX311G	5962F06B0111Q7C	HX311G	5962F07B0115VYC	HX311P	5962F06B0131Q5C
HX311G	5962F06B0111QM	HX311G	5962F07B0115VZC	HX311P	5962F06B0131Q6C
HX311G	5962F06B0111QTC	HX311G	5962H07B0111QN	HX311P	5962F06B0131Q7C
HX311G	5962F06B0111QUC	HX311G	5962H07B0111VNC	HX311P	5962F06B0131QM
HX311G	5962F06B0111V4C	HX311G (GEN)	5962F07B0103QXC	HX311P	5962F06B0131QTC
HX311G	5962F06B0111V5C	HX311G (GEN)	5962F07B0103QYC	HX311P	5962F06B0131QUC
HX311G	5962F06B0111V6C	HX311G (GEN)	5962F07B0103QZC	HX311P	5962F06B0131V4C
HX311G	5962F06B0111V7C	HX311G (GEN)	5962F07B0103VXC	HX311P	5962F06B0131V5C
HX311G	5962F06B0111VMC	HX311G (GEN)	5962F07B0103VYC	HX311P	5962F06B0131V6C
HX311G	5962F06B0111VTC	HX311P	5962F06B0119Q4C	HX311P	5962F06B0131V7C
HX311G	5962F06B0111VUC	HX311P	5962F06B0119Q5C	HX311P	5962F06B0131VMC
HX311G	5962F06B0115Q4C	HX311P	5962F06B0119Q6C	HX311P	5962F06B0131VTC
HX311G	5962F06B0115Q5C	HX311P	5962F06B0119Q7C	HX311P	5962F06B0131VUC
HX311G	5962F06B0115Q6C	HX311P	5962F06B0119QM	HX311P	5962F07B0119QM
HX311G	5962F06B0115Q7C	HX311P	5962F06B0119QTC	HX311P	5962F07B0119QXC
HX311G	5962F06B0115QM	HX311P	5962F06B0119QUC	HX311P	5962F07B0119QYC
HX311G	5962F06B0115QTC	HX311P	5962F06B0119V4C	HX311P	5962F07B0119QZC
HX311G	5962F06B0115QUC	HX311P	5962F06B0119V5C	HX311P	5962F07B0119VMC
HX311G	5962F06B0115V4C	HX311P	5962F06B0119V6C	HX311P	5962F07B0119VXC
HX311G	5962F06B0115V5C	HX311P	5962F06B0119V7C	HX311P	5962F07B0119VYC
HX311G	5962F06B0115V6C	HX311P	5962F06B0119VMC	HX311P	5962F07B0119VZC
HX311G	5962F06B0115V7C	HX311P	5962F06B0119VTC	HX311P	5962F07B0123QM
HX311G	5962F06B0115VMC	HX311P	5962F06B0119VUC	HX311P	5962F07B0123QXC
HX311G	5962F06B0115VTC	HX311P	5962F06B0123Q4C	HX311P	5962F07B0123QYC
HX311G	5962F06B0115VUC	HX311P	5962F06B0123Q5C	HX311P	5962F07B0123QZC
HX311G	5962F07B0103QM	HX311P	5962F06B0123Q6C	HX311P	5962F07B0123VMC
HX311G	5962F07B0103VMC	HX311P	5962F06B0123Q7C	HX311P	5962F07B0123VXC
HX311G	5962F07B0103VZC	HX311P	5962F06B0123QM	HX311P	5962F07B0123VYC
HX311G	5962F07B0107QM	HX311P	5962F06B0123QTC	HX311P	5962F07B0123VZC
HX311G	5962F07B0107QXC	HX311P	5962F06B0123QUC	HX311P	5962F07B0127QM
HX311G	5962F07B0107QYC	HX311P	5962F06B0123V4C	HX311P	5962F07B0127QXC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
HX311P	5962F07B0127QYC	HX314G	5962F07B0108VUC	HX315G	5962F07B0135VTC
HX311P	5962F07B0127QZC	HX314G	5962F07B0112QUC	HX315G	5962F07B0136QTC
HX311P	5962F07B0127VMC	HX314G	5962F07B0112VUC	HX315G	5962F07B0136VTC
HX311P	5962F07B0127VXC	HX314G	5962F07B0116QUC	GEM31606QEA	8605106EA
HX311P	5962F07B0127VYC	HX314G	5962F07B0116VUC	GEM31606QEC	8605106EC
HX311P	5962F07B0127VZC	HX314G (GEN)	5962F06B0116QZC	GEM31606QFA	8605106FA
HX311P	5962F07B0131QM	HX314G (GEN)	5962F06B0116VZC	GEM31606QFC	8605106FC
HX311P	5962F07B0131QXC	HX314P	5962F06B0120Q7C	GEM31701Q2A	5962-0150701Q2A
HX311P	5962F07B0131QYC	HX314P	5962F06B0120QNC	GEM31701Q2C	5962-0150701Q2C
HX311P	5962F07B0131QZC	HX314P	5962F06B0120QYC	GEM31701QEA	5962-0150701QEA
HX311P	5962F07B0131VMC	HX314P	5962F06B0120V7C	GEM31701QEC	5962-0150701QEC
HX311P	5962F07B0131VXC	HX314P	5962F06B0120VNC	HS1-3182/883	5962-8687901EA
HX311P	5962F07B0131VYC	HX314P	5962F06B0120VYC	3183A (GEN)	5962-8759801EA
HX311P	5962F07B0131VZC	HX314P	5962F06B0124Q7C	HX319G	5962F07B0137Q4C
MAX311 (GEN)	5962-9455602M2C	HX314P	5962F06B0124QNC	HX319G	5962F07B0137V4C
MAX311 (GEN)	5962-9455602MEA	HX314P	5962F06B0124QYC	HX319G	5962F07B0138Q4C
TLK3118MZMA	5962-1720701QXC	HX314P	5962F06B0124V7C	HX319G	5962F07B0138V4C
GEM31201Q2A	5962-9158601Q2A	HX314P	5962F06B0124VNC	HX319G	5962F07B0139Q4C
GEM31201Q2C	5962-9158601Q2C	HX314P	5962F06B0124VYC	HX319G	5962F07B0139Q5C
GEM31201QEA	5962-9158601QEA	HX314P	5962F06B0128Q7C	HX319G	5962F07B0139V4C
GEM31201QEC	5962-9158601QEC	HX314P	5962F06B0128QNC	HX319G	5962F07B0139V5C
GEM31201QFA	5962-9158601QFA	HX314P	5962F06B0128QYC	HX319G	5962F07B0140Q4C
GEM31201QFC	5962-9158601QFC	HX314P	5962F06B0128V7C	HX319G	5962F07B0140Q6C
HFA3127 (GEN)	5962-9474901MEA	HX314P	5962F06B0128VNC	HX319G	5962F07B0140V4C
CA3130 (GEN)	7703301GA	HX314P	5962F06B0128VYC	HX319G	5962F07B0140V6C
HX314G	5962F06B0104Q7C	HX314P	5962F06B0132Q7C	3190A-4 (GEN)	5962-9561102MYC
HX314G	5962F06B0104QNC	HX314P	5962F06B0132QNC	3190A-4 (GEN)	5962-9561102MZC
HX314G	5962F06B0104QYC	HX314P	5962F06B0132QYC	3190A-4 (GEN)	5962-9561102MXC
HX314G	5962F06B0104V7C	HX314P	5962F06B0132V7C	3190A-5 (GEN)	5962-9561101MYC
HX314G	5962F06B0104VNC	HX314P	5962F06B0132VNC	3190A-5 (GEN)	5962-9561101MZC
HX314G	5962F06B0104VYC	HX314P	5962F06B0132VYC	3190A-5 (GEN)	5962-9561101MXC
HX314G	5962F06B0108Q7C	HX314P	5962F07B0120QUC	3195A-4 (GEN)	5962-9561202MYC
HX314G	5962F06B0108QNC	HX314P	5962F07B0120VUC	3195A-4 (GEN)	5962-9561202MZC
HX314G	5962F06B0108QYC	HX314P	5962F07B0124QUC	3195A-4 (GEN)	5962-9561202MXC
HX314G	5962F06B0108V7C	HX314P	5962F07B0124VUC	3195A-5 (GEN)	5962-9561201MYC
HX314G	5962F06B0108VNC	HX314P	5962F07B0128QUC	3195A-5 (GEN)	5962-9561201MZC
HX314G	5962F06B0108VYC	HX314P	5962F07B0128VUC	3195A-5 (GEN)	5962-9561201MXC
HX314G	5962F06B0112Q7C	HX314P	5962F07B0132QUC	AC32DIE2V	5962F8761401V9A
HX314G	5962F06B0112QNC	HX314P	5962F07B0132VUC	ACT32DIE2V	5962F8973603V9A
HX314G	5962F06B0112QYC	3142A-4 (GEN)	5962-9561002MYC	HCS32DMSR	5962R9578101VCC
HX314G	5962F06B0112V7C	3142A-4 (GEN)	5962-9561002MZC	HCS32HMSR	5962R9578101V9A
HX314G	5962F06B0112VNC	3142A-4 (GEN)	5962-9561002MUC	HCS32KMSR	5962R9578101VXC
HX314G	5962F06B0112VYC	3142A-4 (GEN)	5962-9561002MXC	HCTS32 (GEN)	5962R9573601V9A
HX314G	5962F06B0116Q7C	3142A-5 (GEN)	5962-9561001MYC	HCTS32 (GEN)	5962R9573601VCC
HX314G	5962F06B0116QNC	3142A-5 (GEN)	5962-9561001MZC	HCTS32 (GEN)	5962R9573601VXC
HX314G	5962F06B0116QYC	3142A-5 (GEN)	5962-9561001MUC	RHFAC32D03Q	5962F8761401CC
HX314G	5962F06B0116V7C	3142A-5 (GEN)	5962-9561001MXC	RHFAC32D03V	5962F8761401VCC
HX314G	5962F06B0116VNC	HX315G	5962F07B0133QTC	RHFAC32D04Q	5962F8761401CA
HX314G	5962F06B0116VYC	HX315G	5962F07B0133VTC	RHFAC32D04V	5962F8761401VCA
HX314G	5962F07B0104QUC	HX315G	5962F07B0134QTC	RHFAC32K01Q	5962F8761401XC
HX314G	5962F07B0104VUC	HX315G	5962F07B0134VTC	RHFAC32K01V	5962F8761401VXC
HX314G	5962F07B0108QUC	HX315G	5962F07B0135QTC	RHFAC32K02Q	5962F8761401XA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
RHFAC32K02V	5962F8761401VXA	320C30 (GEN)	5962-9052601MUA	320C40-50 (GEN)	5962-9466903Q9A
RHFAC32K03V	5962F8761401VYC	320C30 (GEN)	5962-9052603MUA	320C40-50 (GEN)	5962-9466903Q9B
RHFAC32K04V	5962F8761401VYA	320C30 (GEN)	5962-9052603MXA	320C40-50 (GEN)	5962-9466903Q9C
RHFLVDS325D2V	5962F9865208V9A	320C30 (GEN)	5962-9052603QMC	320C40-50 (GEN)	5962-9466903Q9D
RHFLVDS325K01V	5962F9865208VZC	320C30 (GEN)	5962-9052603QTC	320C40-50 (GEN)	5962-9466903QUC
RHFLVDS325K02V	5962F9865208VZA	320C30 (GEN)	5962-9052604MUA	320C40-50 (GEN)	5962-9466903QZC
RHFLVDS32AD2V	5962F9865207V9A	320C30 (GEN)	5962-9052604MXA	SMJ320C40GFM50	5962-9466903QXA
RHFLVDS32AK01V	5962F9865207VZC	320C30 (GEN)	5962-9052604Q9A	SMJ320C40GFM50	5962-9466903QXC
RHFLVDS32AK02V	5962F9865207VZA	320C30 (GEN)	5962-9052604Q9B	SMJ320C40HFHM50	5962-9466903QYC
RH-LVDS32K	5962R9865206VYC	320C30 (GEN)	5962-9052605MUA	320C40-60 (GEN)	5962-9466904Q9A
GEM32003QQA	5962-8853503QA	320C30 (GEN)	5962-9052605MXA	320C40-60 (GEN)	5962-9466904QUC
GEM32003QQC	5962-8853503QC	320C30 (GEN)	5962-9052605Q9A	320C40-60 (GEN)	5962-9466904QZC
GEM32003QXA	5962-8853503XA	320C30 (GEN)	5962-9052605Q9B	SMJ320C40GFS60	5962-9466904QXA
GEM32003QXC	5962-8853503XC	320C30 (GEN)	5962-9052605QXC	SMJ320C40HFHS60	5962-9466904QYC
32010 (GEN)	8405301QA	320C31-27 (GEN)	5962-9205801MXA	320MCM41 (GEN)	5962-9753601QXC
32010 (GEN)	8405301ZA	320C31-27 (GEN)	5962-9205801MYA	320MCM41 (GEN)	5962-9753602QXC
320C10 (GEN)	5962-8763301QA	320C31 (GEN)	5962-9205802MXA	320MCM42-40 (GEN)	5962-9678901QXC
320C10 (GEN)	5962-8763301XA	320C31 (GEN)	5962-9205802MYA	320MCM42-40 (GEN)	5962-9678902QXC
320CM10 (GEN)	5962-8763303QA	320C31 (GEN)	5962-9205802QUC	320MCM42-50 (GEN)	5962-9678903QXC
320CM10 (GEN)	5962-8763303XA	320C31 (GEN)	5962-9205802QZC	320MCM42-50 (GEN)	5962-9678904QXC
320C10-25 (GEN)	5962-8763302QA	320C31 (GEN)	5962-9205803MXA	TLC32044 (GEN)	5962-9086302M3A
320C10-25 (GEN)	5962-8763302XA	320C31 (GEN)	5962-9205803MXC	TLC32044 (GEN)	5962-9086302MXA
320C10-25 (GEN)	5962-8763305QA	320C31 (GEN)	5962-9205803Q9A	TLC32046M (GEN)	5962-9086303M3A
320C10-25 (GEN)	5962-8763305XA	320C31 (GEN)	5962-9205803QZC	TLC32046M (GEN)	5962-9086303MXA
320CM10-25 (GEN)	5962-8763304QA	320C31 (GEN)	5962-9205806QXA	UT32M0R500-SQF	5962L1721201QYF
320CM10-25 (GEN)	5962-8763304XA	320LC31 (GEN)	5962-9760601Q9A	UT32M0R500-SQF	5962L1721202QYF
320E14 (GEN)	5962-9300601MXA	SMJ320C31HFGM40	5962-9205803MYA	UT32M0R500-ZQC	5962L1721201QXC
320E14 (GEN)	5962-9300601MYA	SMQ320LC31PQM40	5962-9760601NXB	UT32M0R500-ZQC	5962L1721202QXC
320C15 (GEN)	5962-8763307QA	320C31 (GEN)	5962-9205804MXA	320C50A40 (GEN)	5962-9455801QXA
320C15 (GEN)	5962-8763307XA	320C31 (GEN)	5962-9205804MXC	320C50A40 (GEN)	5962-9455801QYA
320C15 (GEN)	5962-8763307YA	SMJ320C31GFAS60	5962-9205805QXA	SMJ320C50KGDM40B	5962-9455805Q9A
320E15 (GEN)	5962-8763306QA	SMJ320C31HFGM50	5962-9205804MYA	320C50A50 (GEN)	5962-9455802QXA
320C15-25 (GEN)	5962-8763308QA	SMJ320C31HFGS60	5962-9205805QYA	320C50A50 (GEN)	5962-9455802QYA
320C15-25 (GEN)	5962-8763308XA	SMQ320C32PCMM50	5962-9679001NXB	SMJ320C50GFAM50	5962-9455803QXA
320C15-25 (GEN)	5962-8763308YA	SMQ320C32PCMM60	5962-9679002NXB	SMJ320C50HFGM50	5962-9455803QYA
320F240 (GEN)	5962-9861202QXA	320VC33 (GEN)	5962-0053902QYA	SMJ320C50KGDM50B	5962-9455803Q9A
SMJ320F240HFP40	5962-9861201QXA	320VC33 (GEN)	5962-0053901QXA	320C50 (GEN)	5962-9455806QXA
SMJ320C25FBM	5962-8861901YA	SMJ320VC33HFGM150	5962-0053901QYA	SMJ320C50GFAM66	5962-9455804QXA
SMJ320C25FJM	5962-8861901ZA	SMJ320VC33HFGM150	5962-0053901QYC	SMJ320C50HFGM66	5962-9455804QYA
SMJ320C25GBM	5962-8861901XA	TLC32040 (GEN)	5962-9086301M3A	SMJ320C50KGDM66B	5962-9455804Q9A
SMJ320C25-50FJM	5962-8861902ZA	TLC32040 (GEN)	5962-9086301MXA	SMJ320C50PQM66	5962-9455804NZB
SMJ320C25-50GBM	5962-8861902XA	320C40-33 (GEN)	5962-9466901QXA	SMJ320VC5416HFG	5962-0153001QXA
320C26 (GEN)	5962-8861903XA	320C40-33 (GEN)	5962-9466901QYC	320LC549 (GEN)	5962-0251201QXA
320C26 (GEN)	5962-8861903YA	320C40-40 (GEN)	5962-9466902Q9A	SMJ320C6201BGLPW1	5962-9857801QXA
SMJ320F2812HFGM15	5962-0620801QXC	320C40-40 (GEN)	5962-9466902Q9B	SMJ320C6203	5962-0051001QXA
320C30 (GEN)	5962-9052601MXA	320C40-40 (GEN)	5962-9466902Q9C	SMJ320C6415DGADW	5962-0324501QXA
320C30 (GEN)	5962-9052601MYA	320C40-40 (GEN)	5962-9466902QUC	320C6701 (GEN)	5962-9866102QXA
320C30 (GEN)	5962-9052601MZA	320C40-40 (GEN)	5962-9466902QZC	SMJ320C6701W14	5962-9866101QXA
320C30 (GEN)	5962-9052602MXA	SMJ320C40GFM40	5962-9466902QXA	SMV320C6701GLPM14	5962-9866102VXA
320C30 (GEN)	5962-9052602MYA	SMJ320C40GFM40	5962-9466902QXC	SMV320C6701GLPW14	5962-9866101VXA
320C30 (GEN)	5962-9052602MZA	SMJ320C40HFHM40	5962-9466902QYC	SMV320C6701ZMBM14	5962-9866102VYC
320C30 (GEN)	5962-9052602MUA	SMJ320C40KGDM40D	5962-9466902Q9D	320C80-50 (GEN)	5962-9679101QYC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SMJ320C80GFM50	5962-9679101QXA	WE32K32-120G1TQ	5962-9461402HBA	LSH32-50 (GEN)	5962-8971701MYA
CJSE321	5962-9313405HXC	WE32K32-120G1TQ	5962-9461402HBC	M3GB2803R3S/CK	5962-0321801KXA
A32100DX (GEN)	5962-9857901Q9A	WE32K32-120G1UQ	5962-9461402H9A	M3GB2803R3S/CK	5962-0321801KXC
A32100DX (GEN)	5962-9857901QXC	WE32K32-120G1UQ	5962-9461402H9C	M3GB2803R3S/CKL	5962L0321801KXA
A32100DX-1 (GEN)	5962-9857902QXC	WE32K32-120G2Q	5962-9461402HMA	M3GB2803R3S/CKL	5962L0321801KXC
RTSX32SU-1CQ208B	5962-0150806QYC	WE32K32-120G2Q	5962-9461402HMC	M3GB2803R3S/CKR	5962R0321801KXA
RTSX32SU-1CQ208E	5962-0150808QYC	WE32K32-120G2UQ	5962-9461402HZA	M3GB2803R3S/CKR	5962R0321801KXC
RTSX32SU-1CQ208EV	5962-0150810QYC	WE32K32-120G2UQ	5962-9461402HZC	M3G2803R312T/CKA	5962-1122101KXA
RTSX32SU-1CQ256B	5962-0150806QXC	WE32K32-120H1Q	5962-9461402HUA	M3G2803R312T/CKC	5962-1122101KXC
RTSX32SU-1CQ256E	5962-0150808QXC	WE32K32-120H1Q	5962-9461402HUC	M3G2805D/CK	5962-0322301KXA
RTSX32SU-1CQ256EV	5962-0150810QXC	WE32K32N-120HQ	5962-9461402HXA	M3G2805D/CK	5962-0322301KXC
RTSX32SU-1CQ84B	5962-0150806QZC	WE32K32N-120HQ	5962-9461402HXC	M3GB2805S/CK	5962-0321901KXA
RTSX32SU-1CQ84EV	5962-0150810QZC	32K32-150 (GEN)	5962-9461401HYA	M3GB2805S/CK	5962-0321901KXC
CJSE322	5962-9313406HXC	WE32K32N-150HQ	5962-9461401HXA	M3GB2805S/CK	5962L0321901KXA
A32200DX (GEN)	5962-9952701Q9A	WE32K32N-150HQ	5962-9461401HXC	M3GB2805S/CK	5962L0321901KXC
A32200DX (GEN)	5962-9952701QXC	WE32K32-150G1TQ	5962-9461401HBA	M3GB2805S/CK	5962R0321901KXA
A32200DX (GEN)	5962-9952701QYC	WE32K32-150G1TQ	5962-9461401HBC	M3GB2805S/CK	5962R0321901KXC
A32200DX-1 (GEN)	5962-9952702QXC	WE32K32-150G1UQ	5962-9461401H9A	M3G280512T/CK	5962-0322601KXA
A32200DX-1 (GEN)	5962-9952702QYC	WE32K32-150G1UQ	5962-9461401H9C	M3G280512T/CK	5962-0322601KXC
32C201-10 (GEN)	5962-8859901JA	WE32K32N-150H1Q	5962-9461401HUA	M3GB280515T/CK	5962-0322701KXA
RTSX32SU-CQ208B	5962-0150805QYC	WE32K32N-150H1Q	5962-9461401HUC	M3GB280515T/CK	5962-0322701KXC
RTSX32SU-CQ208E	5962-0150807QYC	WE32K32-150G2Q	5962-9461401HMA	M3GB280515T/CK	5962L0322701KXA
RTSX32SU-CQ208EV	5962-0150809QYC	WE32K32-150G2Q	5962-9461401HMC	M3GB280515T/CK	5962L0322701KXC
ICL3221 (GEN)	5962-0620704Q2A	WE32K32-150G2UQ	5962-9461401HZA	M3GB280515T/CK	5962R0322701KXA
ICL3221 (GEN)	5962-0620708Q2A	WE32K32-150G2UQ	5962-9461401HZC	M3GB280515T/CK	5962R0322701KXC
RTSX32SU-CQ256B	5962-0150805QXC	32K32-90 (GEN)	5962-9461403HYA	M3G2805R2S/CK	5962-0322001KXA
RTSX32SU-CQ256E	5962-0150807QXC	WE32K32-9090G1UQ	5962-9461403H9C	M3G2805R2S/CK	5962-0322001KXC
RTSX32SU-CQ256EV	5962-0150809QXC	WE32K32-90G1TQ	5962-9461403HBA	M3G2807D/CK	5962-0322302KXA
ACS32 (GEN)	5962F9862401V9A	WE32K32-90G1TQ	5962-9461403HBC	M3G2807D/CK	5962-0322302KXC
ACS32 (GEN)	5962F9862401VCC	WE32K32-90G1UQ	5962-9461403H9A	M3G2812D/CKA	5962-0322401KXA
ACS32 (GEN)	5962F9862401VXC	WE32K32-90G2Q	5962-9461403HMA	M3G2812D/CKC	5962-0322401KXC
29823A (GEN)	5962-8775507QLA	WE32K32-90G2Q	5962-9461403HMC	M3G2812S/CK	5962-0322101KXA
GEM32307Q3A	5962-8775507Q3A	WE32K32-90G2UQ	5962-9461403HZA	M3G2812S/CK	5962-0322101KXC
GEM32307Q3C	5962-8775507Q3C	WE32K32-90G2UQ	5962-9461403HZC	M3G2815S/CK	5962-0322201KXA
GEM32307QKA	5962-8775507QKA	WE32K32-90H1Q	5962-9461403HUA	M3G2815S/CK	5962-0322201KXC
GEM32307QKC	5962-8775507QKC	WE32K32-90H1Q	5962-9461403HUC	M3GB2815D/CK	5962-1021601KXA
29825A (GEN)	5962-8775508QLA	WE32K32N-90HQ	5962-9461403HXA	M3GB2815D/CK	5962-1021601KXC
GEM32208Q3A	5962-8775508Q3A	WE32K32N-90HQ	5962-9461403HXC	M3GB2815D/CK	5962L1021601KXA
GEM32208Q3C	5962-8775508Q3C	ICL3238 (GEN)	5962-0620702Q3A	M3GB2815D/CK	5962L1021601KXC
GEM32208QKA	5962-8775508QKA	ICL3238 (GEN)	5962-0620706Q3A	M3GB2815D/CK	5962R1021601KXA
GEM32208QKC	5962-8775508QKC	HCTS245 (GEN)	5962R9574501V9A	M3GB2815D/CK	5962R1021601KXC
GEM32109QLA	5962-8775509QLA	LSH32-40 (GEN)	5962-8971702MXA	HS1-3282/883	5962-8688001QA
GEM32109QLC	5962-8775509QLC	LSH32-40 (GEN)	5962-8971702MYA	HS-3282 (GEN)	5962-8688001XA
3231 (GEN)	5962-9174905HUA	GEM32401Q2A	5962-87793012A	RTSX32SU-1CQ84E	5962-0150808QZC
3231 (GEN)	5962-9174905HZA	GEM32401Q2C	5962-87793012C	RTSX32SU-CQ84B	5962-0150805QZC
3232 (GEN)	5962-9174906HUA	GEM32401QEA	5962-8779301EA	RTSX32SU-CQ84E	5962-0150807QZC
3232 (GEN)	5962-9174906HZA	GEM32401QEC	5962-8779301EC	RTSX32SU-CQ84EV	5962-0150809QZC
3232 (GEN)	5962-9174907HUA	GEM32401QFA	5962-8779301FA	MN3290 (GEN)	5962-8953103HYA
3232 (GEN)	5962-9174907HZA	GEM32401QFC	5962-8779301FC	MN3291 (GEN)	5962-8953104HYA
ICL3232 (GEN)	5962-0620703Q2A	ICL3243 (GEN)	5962-0620701Q3A	MN3292 (GEN)	5962-8953102HYA
ICL3232 (GEN)	5962-0620707Q2A	ICL3243 (GEN)	5962-0620705Q3A	RHF330AK-01V	5962F0723102VXC
32K32-120 (GEN)	5962-9461402HYA	LSH32-50 (GEN)	5962-8971701MXA	RHF330DIE2V	5962F0723101V9A



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
RHF330K-01V	5962F0723101VXC	IRUH330133AKC	5962F1023505KYA	ARX3416 (GEN)	5962-8944701HXA
RT3PE3000L-CG484B	5962-1520201QUF	IRUH330133BK	5962F1023505K4A	ARX3416 (GEN)	5962-8944701HYA
RT3PE3000L-CG484E	5962-1520203QUF	IRUH330133BKA	5962F1023505K5A	ARX3419	5962-8982602XA
RT3PE3000L-CG896B	5962-1520201QLF	IRUH330133BKB	5962F1023505K6A	ARX3419	5962-8982602XC
RT3PE3000L-CG896E	5962-1520203QLF	SVPL3R306SG/H+-E	5962R1721501HXA	ARX3419FP	5962-8982602YA
RT3PE3000L-CQ256B	5962-1520201QXC	SVPL3R306SG/K-E	5962R1721501KXA	ARX3419FP	5962-8982602YC
RT3PE3000L-CQ256E	5962-1520203QXC	SVPL3R306SGN/H+	5962R1721501HYC	ARX3420	5962-9082903HUA
RT3PE3000L-LG484B	5962-1520201QZC	SVPL3R306SGN/K	5962R1721501KYC	ARX3420	5962-9082903HUC
RT3PE3000L-LG484E	5962-1520203QZC	TPS3307-18	5962-9959101Q2A	ARX3424	5962-9082904HUA
RT3PE3000L-LG896B	5962-1520201QKC	TPS3307-18	5962-9959101QPA	ARX3424	5962-9082904HUC
RT3PE3000L-LG896E	5962-1520203QKC	SVPL3R312SG/H+-E	5962R1721701HXA	GEM34301QPA	5962-9052201PA
RT3PE3000L-1CG484B	5962-1520202QUF	SVPL3R312SG/K-E	5962R1721701KXA	GEM34301QPC	5962-9052201PC
RT3PE3000L-1CG484E	5962-1520204QUF	SVPL3R312SGN/H+	5962R1721701HYC	GEM34301QXA	5962-9052201XA
RT3PE3000L-1CG896B	5962-1520202QLF	SVPL3R312SGN/K	5962R1721701KYC	GEM34301QXC	5962-9052201XC
RT3PE3000L-1CG896E	5962-1520204QLF	MSK332B-12	5962-9090201HXC	ARX3411 (GEN)	5962-8757904UA
RT3PE3000L-1CQ256B	5962-1520202QXC	MSK332B-15	5962-9090202HXC	ARX3431 (GEN)	5962-8757904ZA
RT3PE3000L-1CQ256E	5962-1520204QXC	MAX333 (GEN)	5962-9318001MRA	ACT3433-001-2	5962-8982609UA
RT3PE3000L-1LG484B	5962-1520202QZC	HS-3374 (GEN)	5962R9678601QW	ACT3433-001-1	5962-8982609UC
RT3PE3000L-1LG484E	5962-1520204QZC	HS-3374 (GEN)	5962R9678601VW	ACT3433-201-2	5962-8982609ZA
RT3PE3000L-1LG896B	5962-1520202QKC	34010-40 (GEN)	5962-9072701MXA	ACT3433-201-1	5962-8982609ZC
RT3PE3000L-1LG896E	5962-1520204QKC	34010-40 (GEN)	5962-9072701MYA	ARX3436 (GEN)	5962-8944701HUA
IRUH3301A1 (GEN)	5962-1023501KXA	34010-50 (GEN)	5962-9072702MXA	ARX3436 (GEN)	5962-8944701HZA
IRUH3301A1 (GEN)	5962-1023501KYA	34010-50 (GEN)	5962-9072702MYA	AD346S (GEN)	5962-8994001HXA
IRUH3301A1AK	5962F1023501KXA	ARX3402 (GEN)	5962-8604904UA	MN346MXA	5962-8994002HXA
IRUH3301A1AKC	5962F1023501KYA	ARX3402 (GEN)	5962-8604904UC	MN346MXC	5962-8994002HXC
IRUH3301A1BK	5962F1023501K4A	34020-28 (GEN)	5962-9162301MXA	ARX3464 (GEN)	5962-8959206XA
IRUH3301A1BKA	5962F1023501K5A	34020-28 (GEN)	5962-9162301MYA	ARX3464 (GEN)	5962-8959206YA
IRUH3301A1BKB	5962F1023501K6A	34020-30 (GEN)	5962-9162302MXA	ARX3467 (GEN)	5962-8959205XA
IRUH330118 (GEN)	5962-1023503KXA	34020-30 (GEN)	5962-9162302MYA	ARX3467 (GEN)	5962-8959205YA
IRUH330118 (GEN)	5962-1023503KYA	34020A-32 (GEN)	5962-9162303MYA	UT35 (GEN)	5962R96B0213Q*C
IRUH330118AK	5962F1023503KXA	SMJ34020AGBM32	5962-9162303MXA	UT35 (GEN)	5962R96B0213V*C
IRUH330118AKC	5962F1023503KYA	SMJ34020AGBM32	5962-9162303MXC	UT35E/R (GEN)	5962H96B0206Q*A
IRUH330118BK	5962F1023503K4A	SMJ34020AGBM40	5962-9162304MXA	UT35E/R (GEN)	5962H96B0206Q9A
IRUH330118BKA	5962F1023503K5A	SMJ34020AGBM40	5962-9162304MXC	UT35E/R (GEN)	5962H96B0206V*A
IRUH330118BKB	5962F1023503K6A	SMJ34020AHTM40	5962-9162304MYA	UT35E/R (GEN)	5962H96B0206V9A
IRUH3301A2 (GEN)	5962-1023502KXA	ARX3404 (GEN)	5962-8959202XA	UT35E/R (GEN)	5962H97B0406QZC
IRUH3301A2 (GEN)	5962-1023502KYA	ARX3404 (GEN)	5962-8959202YA	UT35E/R (GEN)	5962H97B0406VZC
IRUH3301A2AK	5962F1023502KXA	ARX3404 (GEN)	5962-8959204XA	UT35E/R_QCH	5962H97B0406QXC
IRUH3301A2AKC	5962F1023502KYA	ARX3404 (GEN)	5962-8959204YA	UT35E/R_VCH	5962H97B0406VXC
IRUH3301A2BK	5962F1023502K4A	ARX3407 (GEN)	5962-8959201XA	RHF350DIE2V	5962F0723201V9A
IRUH3301A2BKA	5962F1023502K5A	ARX3407 (GEN)	5962-8959201YA	RHF350K-01V	5962F0723201VXC
IRUH3301A2BKB	5962F1023502K6A	ARX3407 (GEN)	5962-8959203XA	RHF350KA-01V	5962F0723202VYC
IRUH330125 (GEN)	5962-1023504KXA	ARX3407 (GEN)	5962-8959203YA	UT350 (GEN)	5962R96B0219Q*C
IRUH330125 (GEN)	5962-1023504KYA	TLC34076-135 (GEN)	5962-9474801QXC	UT350 (GEN)	5962R96B0219V*C
IRUH330125AK	5962F1023504KXA	34096956-002 (GEN)	5962H9466702QYC	M3GB5015D/CK	5962-1723401KXA
IRUH330125AKC	5962F1023504KYA	34096956-003 (GEN)	5962H9466703QYC	M3GB5015D/CK	5962-1723401KXC
IRUH330125BK	5962F1023504K4A	34096956-004 (GEN)	5962H9466704QYC	M3GB5015D/CK	5962L1723401KXA
IRUH330125BKA	5962F1023504K5A	34096956-005 (GEN)	5962H9466701QYC	M3GB5015D/CK	5962L1723401KXC
IRUH330125BKB	5962F1023504K6A	34096956-005 (GEN)	5962H9466701VYC	M3GB5015D/CK	5962R1723401KXA
IRUH330133 (GEN)	5962-1023505KXA	ARX3410 (GEN)	5962-9063604HXA	M3GB5015D/CK	5962R1723401KXC
IRUH330133 (GEN)	5962-1023505KYA	ARX3411 (GEN)	5962-8757904XA	35063 (GEN)	5962-9075701MPA
IRUH330133AK	5962F1023505KXA	ARX3411 (GEN)	5962-8757904YA	35074 (GEN)	5962-89969012A



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
35074 (GEN)	5962-8996901CA	GEM36303QRA	5962-9576103QRA	AC373DIE2V	5962F8755501V9A
35074A (GEN)	5962-89969022A	GEM36303QRC	5962-9576103QRC	ACS373 (GEN)	5962F9565501V9A
35074A (GEN)	5962-8996902CA	GEM36303QSA	5962-9576103QSA	ACS373 (GEN)	5962F9565501VRC
35164 (GEN)	5962-9231801MPA	GEM36303QSC	5962-9576103QSC	ACS373 (GEN)	5962F9565501VXC
3517 (GEN)	5962-87643012A	GEM36401QXA	5962-0721701QXA	ACTS373 (GEN)	5962F9566101VRC
3517 (GEN)	5962-8764301EA	GEM36401QXC	5962-0721701QXC	ACTS373 (GEN)	5962F9566101VXC
3523 (GEN)	5962-8978001PA	ACT3641PCB	5962-9560801NXD	HCS373 (GEN)	5962R9579201TRC
HS9-3530AEH-Q	5962F9568702VXC	HCTS365 (GEN)	5962R9577501V9A	HCS373 (GEN)	5962R9579201TXC
HS9-3530ARH-Q	5962F9568701VXC	HCTS365 (GEN)	5962R9577501VEC	HCS373 (GEN)	5962R9579201V9A
HSO-3530AEH-Q	5962F9568702V9A	HCTS365 (GEN)	5962R9577501VXC	HCS373 (GEN)	5962R9579201VRC
HSO-3530ARH-Q	5962F9568701V9A	OP37A (GEN)	5962-88537012A	HCS373 (GEN)	5962R9579201VXC
HS2-3530AEH-Q	5962F9568702VGA	OP37A (GEN)	5962-8853701GA	HCTS373 (GEN)	5962R9574701TRC
HS2-3530ARH-8	5962F9568701QGA	OP37A (GEN)	5962-8853701PA	HCTS373 (GEN)	5962R9574701TXC
HS2-3530ARH-Q	5962F9568701VGA	OP37A (GEN)	5962-8853701V2A	HCTS373 (GEN)	5962R9574701V9A
3550 (GEN)	5962-9319401M2A	OP37A (GEN)	5962-8853701VHA	HCTS373 (GEN)	5962R9574701VRC
3550 (GEN)	5962-9319401MEA	OP37AJ/QMLV	5962-8853701VGA	HCTS373 (GEN)	5962R9574701VXC
MAX358 (GEN)	77052032C	OP37AZ/QMLV	5962-8853701VPA	ACS373-02 (GEN)	5962F9565502V9A
MAX358 (GEN)	7705203EA	OP37B (GEN)	5962-8853702PA	ACS373-02 (GEN)	5962F9565502VRC
MAX359MJE/883B	5962-8513106EA	OP-37B (GEN)	5962-88537022A	ACS373-02 (GEN)	5962F9565502VXC
MAX359MLP/883B	5962-85131062C	OP-37B (GEN)	5962-8853702GA	ACTS373 (GEN)	5962F9566102V9A
RT3PE600L-CG484B	5962-1520301QUF	OP37C (GEN)	5962-88537032A	ACTS373-02 (GEN)	5962F9566102VRC
RT3PE600L-CG484E	5962-1520303QUF	OP37C (GEN)	5962-8853703GA	ACTS373-02 (GEN)	5962F9566102VXC
RT3PE600L-CQ256B	5962-1520301QXC	M3GB700515T/CK	5962-1820801KXA	ACS374 (GEN)	5962F9565601V9A
RT3PE600L-CQ256E	5962-1520303QXC	M3GB700515T/CK	5962-1820801KXC	ACS374DMSR	5962F9565601VRC
RT3PE600L-LG484B	5962-1520301QZC	M3GB700515T/CKL	5962L1820801KXA	ACS374KMSR	5962F9565601VXC
RT3PE600L-LG484E	5962-1520303QZC	M3GB700515T/CKL	5962L1820801KXC	ACTS374 (GEN)	5962F9566201V9A
RT3PE600L-1CG484B	5962-1520302QUF	M3GB700515T/CKR	5962R1820801KXA	ACTS374 (GEN)	5962F9566201VRC
RT3PE600L-1CG484E	5962-1520304QUF	M3GB700515T/CKR	5962R1820801KXC	ACTS374 (GEN)	5962F9566201VXC
RT3PE600L-1CQ256B	5962-1520302QXC	TLC3702M (GEN)	5962-9153201QHA	HCS374 (GEN)	5962R9579301V9A
RT3PE600L-1CQ256E	5962-1520304QXC	TLC3702M (GEN)	5962-9153202Q2A	HCS374 (GEN)	5962R9579301VRC
RT3PE600L-1LG484B	5962-1520302QZC	TLC3702MFKB	5962-9153201Q2A	HCS374 (GEN)	5962R9579301VXC
RT3PE600L-1LG484E	5962-1520304QZC	TLC3702MJGB	5962-9153201QPA	HCTS374 (GEN)	5962R9574801TRC
3611023 (GEN)	5962-8951901MXC	TLC3702MJGB	5962-9153202QPA	HCTS374 (GEN)	5962R9574801TXC
3611023 (GEN)	5962-8951901MYA	TLC3702MUB	5962-9153202QHA	HCTS374 (GEN)	5962R9574801V9A
3611023 (GEN)	5962-8951901XC	TLC3704MFKB	5962-9096901M2A	HCTS374 (GEN)	5962R9574801VRC
3611023 (GEN)	5962-8951901YA	TLC3704MJB	5962-9096901MCA	HCTS374 (GEN)	5962R9574801VXC
3611023 (GEN)	5962-8951902MXC	CY37064V-100 (GEN)	5962-9952001QYA	TLC374MFKB	5962-87659012A
3611023 (GEN)	5962-8951902MYA	CY37064P44-125YMB	5962-9951901QYA	TLC374MFKB	5962-87659032A
3611023 (GEN)	5962-8951903MXC	CY37064P44-154YMB	5962-9951902QYA	TLC374MJB	5962-8765901CA
3611023 (GEN)	5962-8951903MYA	GEM37101QEA	7702601EA	TLC374MJB	5962-8765903CA
3611023 (GEN)	5962-8951991MZC	GEM37101QEC	7702601EC	ACS374-02 (GEN)	5962F9565602V9A
3611023 (GEN)	5962-8951991ZC	GEM37101QFA	7702601FA	ACS374-02 (GEN)	5962F9565602VRC
3611023 (GEN)	5962-8951992MZC	GEM37101QFC	7702601FC	ACS374-02 (GEN)	5962F9565602VXC
3611023 (GEN)	5962-8951993MZC	CY37128P84-100YMB	5962-9952101QYA	ACTS374-02 (GEN)	5962F9566202V9A
3611077 (GEN)	5962-9673401MXC	CY37128P84-125YMB	5962-9952102QYA	ACTS374-02 (GEN)	5962F9566202VRC
3611077 (GEN)	5962-9673401MYC	CY37128V-83 (GEN)	5962-9952201QYA	ACTS374-02 (GEN)	5962F9566202VXC
3611143 (GEN)	8102408VA	TLC372MDQ	5962-9554901NXD	CY37512V-66 (GEN)	5962-9952601QZC
3611150 (GEN)	8102409VA	TLC372MFKB	5962-87658012A	CY37512P208-100UMB	5962-9952502QZC
ABT3614 (GEN)	5962-9560901NXD	TLC372MJGB	5962-8765801PA	CY37512P208-83UMB	5962-9952501QZC
HS362 (GEN)	5962-8956501XA	CY37256P160-125UMB	5962-9952302QZC	MN376 (GEN)	5962-9073001HXA
GEM36303Q2A	5962-9576103Q2A	CY37256V-66 (GEN)	5962-9952401QZC	GEM37601QEA	5962-8764601EA
GEM36303Q2C	5962-9576103Q2C	CY37256P160-83UMB	5962-9952301QZC	GEM37601QEC	5962-8764601EC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
OP37C (GEN)	5962-8853703PA	AD390S (GEN)	5962-8850901XC	OP-400A (GEN)	5962-87771013A
GEM38001B2A	5962-87563012A	AD390T (GEN)	5962-8850902XC	OP-400A (GEN)	5962-8777101CA
GEM38001B2C	5962-87563012C	AD390TD/883B	5962-8850902XA	OP400AN/QMLL	5962L8777102VKA
GEM38001QEA	5962-8756301EA	HCTS390 (GEN)	5962R9574901V9A	OP400AN/QMLR	5962R8777101VKA
GEM38001QEC	5962-8756301EC	HCTS390 (GEN)	5962R9574901VEC	OP400AN/QMLV	5962-8777101VKA
GEM38001QFA	5962-8756301FA	HCTS390 (GEN)	5962R9574901VXC	OP400ATC/883	5962-8777101M3A
GEM38001QFC	5962-8756301FC	HS-390 (GEN)	5962R9581303QEC	OP400ATC/QMLV	5962-8777101V3A
RGBDAC3808H (GEN)	5962-8950901XA	HS-390 (GEN)	5962R9581303QYC	OP400AY/883	5962-8777101MCA
GEM38105QQA	5962-8770805QA	HS-390 (GEN)	5962R9581303TEC	OP400AY/QMLR	5962R8777101VCA
GEM38105QQC	5962-8770805QC	HS-390 (GEN)	5962R9581303TYC	OP400AY/QMLV	5962-8777101VCA
GEM38105QUA	5962-8770805UA	HS-390 (GEN)	5962R9581303V9A	UT400 (GEN)	5962R96B0220Q*C
GEM38105QUC	5962-8770805UC	HS-390 (GEN)	5962R9581303VEC	UT400 (GEN)	5962R96B0220V*C
GEM38202Q3A	5962-9074502Q3A	HS-390 (GEN)	5962R9581303VYC	4000B (GEN)	5962R9582601V9A
GEM38202Q3C	5962-9074502Q3C	39C10B (GEN)	5962-8770802QA	4000B (GEN)	5962R9582601VCC
GEM38202QKA	5962-9074502QKA	39C10B (GEN)	5962-8770802UA	4000B (GEN)	5962R9582601VXC
GEM38202QKC	5962-9074502QKC	39C10C (GEN)	5962-8770803QA	RTAX4000D-CQ352B	5962-0822409QXC
GEM38202QLA	5962-9074502QLA	39C10C (GEN)	5962-8770803UA	RTAX4000D-CQ352E	5962-0822411QXC
GEM38202QLC	5962-9074502QLC	OM3914 (GEN)	5962-8774101TA	RTAX4000D-CQ352V	5962-0822409VXC
BUK3825D3-431L	5962-9688714KXC	GEM39202QCA	5962-8550102CA	RTAX4000DL-CQ352B	5962-0822413QXC
BUK3825F3-431L	5962-9688714KUC	GEM39202QCC	5962-8550102CC	RTAX4000DL-CQ352E	5962-0822415QXC
BUK3825G3-431L	5962-9688714KZC	HCTS393DMSR	5962R9575001VCC	RTAX4000DL-CQ352V	5962-0822413VXC
BUK3825D3-451L	5962-9688714KXA	HCTS393HMSR	5962R9575001V9A	RTAX4000S-CG1272B	5962-0822401QZA
BUK3825F3-451L	5962-9688714KUA	HCTS393KMSR	5962R9575001VXC	RTAX4000S-CG1272E	5962-0822403QZA
BUK3825G3-451L	5962-9688714KZA	AD394S (GEN)	5962-8851001XA	RTAX4000S-CG1272V	5962-0822401VZA
BUK3825D6-431L	5962-9688715KXC	AD394T (GEN)	5962-8851002XA	RTAX4000S-CQ352B	5962-0822401QXC
BUK3825F6-431L	5962-9688715KUC	LM3940 (GEN)	5962-9688401QEA	RTAX4000S-CQ352E	5962-0822403QXC
BUK3825G6-431L	5962-9688715KZC	LM3940 (GEN)	5962-9688401QXA	RTAX4000S-CQ352V	5962-0822401VXC
BUK3825D6-451L	5962-9688715KXA	AD395S (GEN)	5962-8851003XA	RTAX4000SL-CG1272B	5962-0822405QZA
BUK3825F6-451L	5962-9688715KUA	AD395T (GEN)	5962-8851004XA	RTAX4000SL-CG1272E	5962-0822407QZA
BUK3825G6-451L	5962-9688715KZA	OM3957 (GEN)	5962-9859001MNA	RTAX4000SL-CG1272V	5962-0822405VZA
DG384A (GEN)	5962-9678801QEA	OM3957 (GEN)	5962-9859001MXA	RTAX4000SL-CQ352B	5962-0822405QXC
HS-384 (GEN)	5962R9581203VEA	OM3957 (GEN)	5962P9859001MUA	RTAX4000SL-CQ352E	5962-0822407QXC
HS-384 (GEN)	5962R9581203VYA	OM3958 (GEN)	5962-9953101MXA	RTAX4000SL-CQ352V	5962-0822405VXC
MN3860MXA	5962-9057001HXA	OM3958 (GEN)	5962P9953101MUA	RTAX4000S-LG1272B	5962-0822401QYC
MN3860MXC	5962-9057001HXC	39C60 (GEN)	5962-8861302TA	RTAX4000S-LG1272E	5962-0822403QYC
GEM38603Q2A	5962-88511032A	39C60 (GEN)	5962-8861302UA	RTAX4000S-LG1272V	5962-0822401VYC
GEM38603Q2C	5962-88511032C	39C60 (GEN)	5962-8861302XA	RTAX4000SL-LG1272B	5962-0822405QYC
GEM38603QEA	5962-8851103EA	39C60A (GEN)	5962-8861301TA	RTAX4000SL-LG1272E	5962-0822407QYC
GEM38603QEC	5962-8851103EC	39C60A (GEN)	5962-8861301UA	RTAX4000SL-LG1272V	5962-0822405VYC
GEM38703Q2A	5962-88654032A	39C60A (GEN)	5962-8861301XA	RTAX4000D-1CQ352B	5962-0822410QXC
GEM38703Q2C	5962-88654032C	UTACS3G99S-XCA	5962G1523801QXA	RTAX4000D-1CQ352E	5962-0822412QXC
GEM38703QRA	5962-8865403RA	UTACS3G99S-XCA	5962G1523801VXA	RTAX4000D-1CQ352V	5962-0822410VXC
GEM38703QRC	5962-8865403RC	UTACS3G99S-XCA	5962H1523802QXA	RTAX4000DL-1CQ352B	5962-0822414QXC
GEM38703QSA	5962-8865403SA	UTACS3G99S-XCA	5962H1523802VXA	RTAX4000DL-1CQ352E	5962-0822416QXC
GEM38703QSC	5962-8865403SC	UTACS3G99S-XCC	5962G1523801QXC	RTAX4000DL-1CQ352V	5962-0822414VXC
DS3875 (GEN)	5962-9554301QXA	UTACS3G99S-XCC	5962G1523801VXC	RTAX4000S-1CG1272B	5962-0822402QZA
DS3884 (GEN)	5962-9554001QXA	UTACS3G99S-XCC	5962H1523802QXC	RTAX4000S-1CG1272E	5962-0822404QZA
DS3885 (GEN)	5962-9554101QXA	UTACS3G99S-XCC	5962H1523802VXC	RTAX4000S-1CG1272V	5962-0822402VZA
DS3886 (GEN)	5962-9554201QXA	BXM-400A (GEN)	5962-98A1801VXA	RTAX4000S-1CQ352B	5962-0822402QXC
OM3894S (GEN)	5962-9452001HXA	CLC400A/B2A	5962-89970012A	RTAX4000S-1CQ352E	5962-0822404QXC
OM3894S (GEN)	5962-9452001HYA	CLC400A/BPA	5962-8997001PA	RTAX4000S-1CQ352V	5962-0822402VXC
AD390S (GEN)	5962-8850901XA	HV400 (GEN)	5962-9464001MPA	RTAX4000S-1LG1272B	5962-0822402QYC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
RTAX4000S-1LG1272E	5962-0822404QYC	4005-6 (GEN)	5962-9225202MZC	CD40105BHSR	5962R9660201V9A
RTAX4000S-1LG1272V	5962-0822402VYC	4006B (GEN)	5962R9661701V9A	CD40105BKMSR	5962R9660201VXC
RTAX4000SL-1CG1272	5962-0822406QZA	4006B (GEN)	5962R9661701VCC	4010-6 (GEN)	5962-9230502MXC
RTAX4000SL-1CG1272	5962-0822408QZA	4006B (GEN)	5962R9661701VXC	4010-6 (GEN)	5962-9230502MYC
RTAX4000SL-1CG1272	5962-0822406VZA	4006BN (GEN)	5962R9661702V9A	4010-6 (GEN)	5962-9230502MZC
RTAX4000SL-1CQ352B	5962-0822406QXC	4006BN (GEN)	5962R9661702VCC	40106B (GEN)	5962R9660301V9A
RTAX4000SL-1CQ352E	5962-0822408QXC	4006BN (GEN)	5962R9661702VXC	40106B (GEN)	5962R9660301VCC
RTAX4000SL-1CQ352V	5962-0822406VXC	4007UB (GEN)	5962R9661801V9A	40106B (GEN)	5962R9660301VXC
RTAX4000SL-1LG1272	5962-0822406QYC	4007UB (GEN)	5962R9661801VCC	40106B (GEN)	5962R9660302VXC
RTAX4000SL-1LG1272	5962-0822408QYC	4007UB (GEN)	5962R9661801VXC	40106BN (GEN)	5962R9660302V9A
RTAX4000SL-1LG1272	5962-0822406VYC	4008B (GEN)	5962R9661901V9A	40106BN (GEN)	5962R9660302VCC
CD4001BDMSR	5962R9582602VCC	4008B (GEN)	5962R9661901VEC	CD40106BMJ/883	5962-8550101CA
CD4001BDNSR	5962R9582605VCC	4008B (GEN)	5962R9661901VXC	40107BN (GEN)	5962R9664402V9A
CD4001BHNSR	5962R9582605V9A	4008BN (GEN)	5962R9661902V9A	40107BN (GEN)	5962R9664402VCC
CD4001BHSR	5962R9582602V9A	4008BN (GEN)	5962R9661902VEC	40107BN (GEN)	5962R9664402VXC
CD4001BKMSR	5962R9582602VXC	4008BN (GEN)	5962R9661902VXC	CD40107BDMSR	5962R9664401VCC
CD4001BKNSR	5962R9582605VXC	4009UB (GEN)	5962R9662001V9A	CD40107BHSR	5962R9664401V9A
4002B (GEN)	5962R9582603V9A	4009UB (GEN)	5962R9662001VEC	CD40107BKMSR	5962R9664401VXC
4002B (GEN)	5962R9582603VCC	4009UB (GEN)	5962R9662001VXC	40108B (GEN)	5962R9668201V9A
4002B (GEN)	5962R9582603VXC	CLC401A/B2A	5962-89973012A	40108B (GEN)	5962R9668201VJC
4002BN (GEN)	5962R9582606V9A	CLC401A/BPA	5962-8997301PA	40108B (GEN)	5962R9668201VXC
4002BN (GEN)	5962R9582606VCC	DG401A (GEN)	5962-90569012A	4010B (GEN)	5962R9582901VEC
4002BN (GEN)	5962R9582606VXC	DG401A (GEN)	5962-9056901EA	4010B (GEN)	5962R9582901VXC
CD4002BF3A	7704403CA	4010B (GEN)	5962R9582901V9A	40109B (GEN)	5962R9664501V9A
HCTS4002 (GEN)	5962R9576001V9A	40100B (GEN)	5962R9659801V9A	40109B (GEN)	5962R9664501VEC
HCTS4002 (GEN)	5962R9576001VCC	40100B (GEN)	5962R9659801VEC	40109B (GEN)	5962R9664501VXC
HCTS4002 (GEN)	5962R9576001VXC	40100B (GEN)	5962R9659801VXC	40109BN (GEN)	5962R9664502V9A
4003A-10 (GEN)	5962-9471201MYC	40101B (GEN)	5962R9659901V9A	40109BN (GEN)	5962R9664502VEC
4003A-10 (GEN)	5962-9471201MZC	40101B (GEN)	5962R9659901VCC	40109BN (GEN)	5962R9664502VXC
4003A-10 (GEN)	5962-9471201MXC	40101B (GEN)	5962R9659901VXC	4011B (GEN)	5962R9662101TCC
4003A-6 (GEN)	5962-9471202MYC	4010-10 (GEN)	5962-9230501MXC	4011B (GEN)	5962R9662101TXC
4003A-6 (GEN)	5962-9471202MZC	4010-10 (GEN)	5962-9230501MYC	4011B (GEN)	5962R9662101V9A
4003A-6 (GEN)	5962-9471202MXC	4010-10 (GEN)	5962-9230501MZC	4011B (GEN)	5962R9662101VCC
AT40KEL040KW1MQ	5962-0325001QXC	40102B (GEN)	5962R9660001V9A	4011B (GEN)	5962R9662101VXC
AT40KEL040KW1SV	5962-0325001VXC	40102B (GEN)	5962R9660001VEC	4011BN (GEN)	5962R9662104V9A
AT40KEL040KZ1MQ	5962-0325001QYC	40102B (GEN)	5962R9660001VXC	4011BN (GEN)	5962R9662104VCC
AT40KEL040KZ1SV	5962-0325001VYC	40103B (GEN)	5962R9660002V9A	4011BN (GEN)	5962R9662104VXC
AT40KFL040KW1MQ	5962-0325002QXC	40103B (GEN)	5962R9660002VEC	THS4011MFKB	5962-9959301Q2A
AT40KFL040KW1SV	5962-0325002VXC	40103B (GEN)	5962R9660002VXC	THS4011MJGB	5962-9959301QPA
AT40KFL040KZ1MQ	5962-0325002QYC	40104B (GEN)	5962R9660101V9A	4012B (GEN)	5962R9662102V9A
AT40KFL040KZ1SV	5962-0325002VYC	40104B (GEN)	5962R9660101VEC	4012B (GEN)	5962R9662102VCC
4005-10 (GEN)	5962-9225201MXC	40104B (GEN)	5962R9660101VXC	4012B (GEN)	5962R9662102VXC
4005-10 (GEN)	5962-9225201MYC	4010E-4 (GEN)	5962-9752301QXC	4012BN (GEN)	5962R9662105V9A
4005-10 (GEN)	5962-9225201MZC	4010E-4 (GEN)	5962-9752301QYC	4012BN (GEN)	5962R9662105VCC
4005E-4 (GEN)	5962-9752201QXC	4010E-4 (GEN)	5962-9752301QZC	4012BN (GEN)	5962R9662105VXC
4005E-4 (GEN)	5962-9752201QYC	4010-5 (GEN)	5962-9230503MXC	4013B (GEN)	5962R9662201V9A
4005E-4 (GEN)	5962-9752201QZC	4010-5 (GEN)	5962-9230503MYC	4013B (GEN)	5962R9662201VCC
4005-5 (GEN)	5962-9225203MXC	4010-5 (GEN)	5962-9230503MZC	4013B (GEN)	5962R9662201VXC
4005-5 (GEN)	5962-9225203MYC	40105BN (GEN)	5962R9660202V9A	4013B (GEN)	7901101CA
4005-5 (GEN)	5962-9225203MZC	40105BN (GEN)	5962R9660202VEC	4013B (GEN)	7901101DA
4005-6 (GEN)	5962-9225202MXC	40105BN (GEN)	5962R9660202VXC	4013B (GEN)	7901102CA
4005-6 (GEN)	5962-9225202MYC	CD40105BDMSR	5962R9660201VEC	4013B (GEN)	7901102DA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
4013B (GEN)	7901103CA	40163B (GEN)	5962R9667604V9A	4020BN (GEN)	5962R9662802VYC
4013BN (GEN)	5962R9662202V9A	40163B (GEN)	5962R9667604VEC	40208B (GEN)	5962R9668401V9A
4013BN (GEN)	5962R9662202VCC	40163B (GEN)	5962R9667604VXC	CD40208B (GEN)	5962R9668401VLC
4013BN (GEN)	5962R9662202VXC	4017B (GEN)	5962R9662501V9A	CD40208B (GEN)	5962R9668401VXC
4013-10 (GEN)	5962-9473001MXC	4017B (GEN)	5962R9662501VEC	4021B (GEN)	5962R9662302V9A
4013-10 (GEN)	5962-9473001MYC	4017B (GEN)	5962R9662501VXC	4021B (GEN)	7901201EA
4013-10 (GEN)	5962-9473001MZC	4017BN (GEN)	5962R9662503V9A	4021B (GEN)	7901201FA
4013-3 (GEN)	5962-9851301NTB	4017BN (GEN)	5962R9662503VEC	4021BN (GEN)	5962R9662304V9A
4013-3 (GEN)	5962-9851301QXC	4017BN (GEN)	5962R9662503VXC	4021BN (GEN)	5962R9662304VEC
4013-3 (GEN)	5962-9851301QYC	40174BN (GEN)	5962R9660502V9A	4021BN (GEN)	5962R9662304VXC
4013-3 (GEN)	5962-9851301QZC	40174BN (GEN)	5962R9660502VEC	CD4021BDMSR	5962R9662302VEC
4013E-4 (GEN)	5962-9752401QXC	40174BN (GEN)	5962R9660502VXC	CD4021BKMSR	5962R9662302VXC
4013E-4 (GEN)	5962-9752401QYC	CD40174BDMSR	5962R9660501VEC	4022B (GEN)	5962R9662502V9A
4013E-4 (GEN)	5962-9752401QZC	CD40174BHSR	5962R9660501V9A	4022B (GEN)	5962R9662502VEC
4013-6 (GEN)	5962-9473002MXC	CD40174BKMSR	5962R9660501VXC	4022B (GEN)	5962R9662502VXC
4013-6 (GEN)	5962-9473002MYC	40175B (GEN)	5962R9660601V9A	4022BN (GEN)	5962R9662504V9A
4013-6 (GEN)	5962-9473002MZC	40175B (GEN)	5962R9660601VEC	4022BN (GEN)	5962R9662504VEC
4014B (GEN)	5962R9662301V9A	40175B (GEN)	5962R9660601VXC	4022BN (GEN)	5962R9662504VXC
4014B (GEN)	5962R9662301VEC	4018B (GEN)	5962R9662601V9A	4023BN (GEN)	5962R9662106V9A
4014B (GEN)	5962R9662301VXC	4018B (GEN)	5962R9662601VEC	4023BN (GEN)	5962R9662106VCC
4014BN (GEN)	5962R9662303V9A	4018B (GEN)	5962R9662601VXC	4023BN (GEN)	5962R9662106VXC
4014BN (GEN)	5962R9662303VEC	4018BN (GEN)	5962R9662602V9A	CD4023BDMSR	5962R9662103VCC
4014BN (GEN)	5962R9662303VXC	4018BN (GEN)	5962R9662602VEC	CD4023BHSR	5962R9662103V9A
4014BN (GEN)	5962R9668103V9A	4018BN (GEN)	5962R9662602VXC	CD4023BKMSR	5962R9662103VXC
40147B (GEN)	5962R9660401V9A	40181B (GEN)	5962R9668301VJC	CD4023BMJ/883B	7901301CA
40147B (GEN)	5962R9660401VEC	40181B (GEN)	5962R9668301VXC	CD4023BMW/883	7901301DA
40147B (GEN)	5962R9660401VXC	40182B (GEN)	5962R9660701V9A	4024BN (GEN)	5962R9662804V9A
4015B (GEN)	5962R9662401TEC	40182B (GEN)	5962R9660701VEC	4024BN (GEN)	5962R9662804VCC
4015B (GEN)	5962R9662401TXC	40182B (GEN)	5962R9660701VXC	4024BN (GEN)	5962R9662804VXC
4015B (GEN)	5962R9662401V9A	4019B (GEN)	5962R9662701V9A	CD4024BDMSR	5962R9662803VCC
4015BN (GEN)	5962R9662402V9A	4019B (GEN)	5962R9662701VEC	CD4024BHSR	5962R9662803V9A
4015BN (GEN)	5962R9662402VEC	4019B (GEN)	5962R9662701VXC	CD4024BKMSR	5962R9662803VXC
4015BN (GEN)	5962R9668104V9A	4019BN (GEN)	5962R9662702V9A	4025BN (GEN)	5962R9582607VCC
CD4015BDMSR	5962R9662401VEC	4019BN (GEN)	5962R9662702VEC	4025BN (GEN)	5962R9582607VXC
CD4015BKMSR	5962R9662401VXC	4019BN (GEN)	5962R9662702VXC	CD4025BDMSR	5962R9582604VCC
CD4015BKNSR	5962R9662402VXC	40192B (GEN)	5962R9660801V9A	CD4025BHSR	5962R9582604V9A
4016B (GEN)	5962R9670101V9A	40192B (GEN)	5962R9660801VEC	CD4025BKMSR	5962R9582604VXC
4016B (GEN)	5962R9670101VCC	40192B (GEN)	5962R9660801VXC	4025E-4 (GEN)	5962-9752501QXC
4016B (GEN)	5962R9670101VXC	CD40193BDMSR	5962R9660802VEC	4025E-4 (GEN)	5962-9752501QYC
CD4016BF3A	5962-9064001CA	CD40193BKMSR	5962R9660802VXC	4025E-4 (GEN)	5962-9752501QZC
40160B (GEN)	5962R9667601V9A	CD40193BHSR	5962R9660802V9A	40257B (GEN)	5962R9667701V9A
40160B (GEN)	5962R9667601VEC	40194B (GEN)	5962R9660102V9A	40257B (GEN)	5962R9667701VEC
40160B (GEN)	5962R9667601VXC	40194B (GEN)	5962R9660102VEC	40257B (GEN)	5962R9667701VXC
40161B (GEN)	5962R9667602V9A	40194B (GEN)	5962R9660102VXC	40257BN (GEN)	5962R9667702V9A
40161B (GEN)	5962R9667602VEC	CLC402 (GEN)	5962F9203301MPA	40257BN (GEN)	5962R9667702VEC
40161B (GEN)	5962R9667602VXC	CLC402A (GEN)	5962-9203301M2A	40257BN (GEN)	5962R9667702VXC
40161B (GEN)	5962R9667605V9A	CLC402A (GEN)	5962-9203301MPA	4027B (GEN)	5962R9662901V9A
40161B (GEN)	5962R9667605VEC	4020B (GEN)	5962R9662801V9A	4027B (GEN)	5962R9662901VEC
40161B (GEN)	5962R9667605VXC	4020B (GEN)	5962R9662801VEC	4027BN (GEN)	5962R9662902V9A
40162B (GEN)	5962R9667603V9A	4020B (GEN)	5962R9662801VYC	4027BN (GEN)	5962R9662902VEC
40162B (GEN)	5962R9667603VEC	4020BN (GEN)	5962R9662802V9A	4027BN (GEN)	5962R9662902VXC
40162B (GEN)	5962R9667603VXC	4020BN (GEN)	5962R9662802VEC	CD4027BKMSR	5962R9662901VXC



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
4028B (GEN)	5962R9663001VEC	4035B (GEN)	8101702EA	4047B (GEN)	5962R9663501VCC
4028BN (GEN)	5962R9663002V9A	4035BN (GEN)	5962R9664902V9A	4047B (GEN)	5962R9663501VXC
4028BN (GEN)	5962R9663002VEC	4035BN (GEN)	5962R9664902VEC	4047B (GEN)	8102001DA
4028BN (GEN)	5962R9663002VXC	4035BN (GEN)	5962R9664902VXC	4047B (GEN)	8102002CA
CD4028BHSR	5962R9663001V9A	CD4035BF3A	8101701EA	4047B (GEN)	8102002DA
CD4028BKMSR	5962R9663001VXC	4036-3 (GEN)	5962-9851001NTB	4047BN (GEN)	5962R9663502V9A
4028-4 (GEN)	5962-9850901NTB	4036-3 (GEN)	5962-9851001NUA	4047BN (GEN)	5962R9663502VCC
4028-4 (GEN)	5962-9850901NUA	4036-3 (GEN)	5962-9851001QXC	4047BN (GEN)	5962R9663502VXC
4028-4 (GEN)	5962-9850901QXC	4036-3 (GEN)	5962-9851001QYC	CD4047BF3A	8102001CA
4028-4 (GEN)	5962-9850901QYC	4036-3 (GEN)	5962-9851001QZC	4048B (GEN)	5962R9665001V9A
4028-4 (GEN)	5962-9850901QZC	CLC404A (GEN)	5962-9099401MPA	4048B (GEN)	5962R9665001VEC
4029B (GEN)	8101601EA	CMP404A (GEN)	5962-8990401CA	4048B (GEN)	5962R9665001VXC
4029B (GEN)	8101601FA	CMP404B (GEN)	5962-8990402CA	4049UB (GEN)	5962R9663601TEC
CD4029BDMSR	5962R9562101VEC	4040B (GEN)	5962R9662805V9A	4049UB (GEN)	5962R9663601TXC
CD4029BDNSR	5962R9562102VEC	4040B (GEN)	5962R9662805VEC	4049UB (GEN)	5962R9663602V9A
CD4029BF3A	8101602EA	4040B (GEN)	5962R9662805VYC	4049UB (GEN)	5962R9663602VEC
CD4029BHNSR	5962R9562102V9A	4040BN (GEN)	5962R9662806V9A	4049UB (GEN)	7901401EA
CD4029BHSR	5962R9562101V9A	4040BN (GEN)	5962R9662806VEC	4049UB (GEN)	7901401FA
CD4029BKMSR	5962R9562101VXC	4040BN (GEN)	5962R9662806VYC	CD4049UBDMSR	5962R9663601VEC
CD4029BKNSR	5962R9562102VXC	CD4040BMJ/883	7705801EA	CD4049UBHSR	5962R9663601V9A
DG403A (GEN)	5962-89763012A	CD4040BMW/883	7705801FA	CD4049UBKMSR	5962R9663601VXC
DG403A (GEN)	5962-8976301EA	4041UB (GEN)	5962R9663201V9A	CD4049UBKNSR	5962R9663602VXC
DG403A (GEN)	5962-8976301M2A	4041UB (GEN)	5962R9663201VCC	DG405 (GEN)	5962-89961012A
DG403AK/883B	5962-8976301MEA	4041UB (GEN)	5962R9663201VXC	DG405 (GEN)	5962-8996101EA
DG403AZ/883B	5962-8976301M2C	4041UBN (GEN)	5962R9663202V9A	DG405AK/883B	5962-8996101EA
4030BN (GEN)	5962R9664602V9A	4041UBN (GEN)	5962R9663202VCC	4050B (GEN)	5962R9663701V9A
4030BN (GEN)	5962R9664602VCC	4041UBN (GEN)	5962R9663202VXC	4050B (GEN)	5962R9663701VEC
4030BN (GEN)	5962R9664602VXC	AS404F10	5962-8850310XA	4050B (GEN)	5962R9663701VXC
CD4030BDMSR	5962R9664601VCC	4042B (GEN)	5962R9663301V9A	4050BN (GEN)	5962R9663702V9A
CD4030BHSR	5962R9664601V9A	4042B (GEN)	8101901EA	4050BN (GEN)	5962R9663702VEC
CD4030BKMSR	5962R9664601VXC	4042BN (GEN)	5962R9663302V9A	4050BN (GEN)	5962R9663702VXC
GEM40301QEA	5962-0922201QEA	4042BN (GEN)	5962R9663302VEC	LM4050WG2.5RLQV	5962R0923561VZA
4031B (GEN)	5962R9664701V9A	4042BN (GEN)	5962R9663302VXC	LM4050WG5.0RLQV	5962R0923562VZA
4031B (GEN)	5962R9664701VEC	CD4042BDMSR	5962R9663301VEC	4051B (GEN)	5962R9665101V9A
4031B (GEN)	5962R9664701VXC	CD4042BKMSR	5962R9663301VXC	4051B (GEN)	5962R9665101VEC
4031BN (GEN)	5962R9664702V9A	4043BN (GEN)	5962R9663403V9A	4051B (GEN)	5962R9665101VXC
4031BN (GEN)	5962R9664702VEC	4043BN (GEN)	5962R9663403VEC	4051BN (GEN)	5962R9665104V9A
4031BN (GEN)	5962R9664702VXC	4043BN (GEN)	5962R9663403VXC	4051BN (GEN)	5962R9665104VEC
THS4031MFKB	5962-9959501Q2A	CD4043BDMSR	5962R9663401VEC	4051BN (GEN)	5962R9665104VXC
THS4031MJGB	5962-9959501QPA	CD4043BHSR	5962R9663401V9A	THS4051MFKB	5962-9959901Q2A
4033B (GEN)	5962R9664801V9A	CD4043BKMSR	5962R9663401VXC	THS4051MJGB	5962-9959901QPA
4033B (GEN)	5962R9664801VEC	4044B (GEN)	5962R9663402V9A	4052B (GEN)	5962R9665102V9A
4033B (GEN)	5962R9664801VXC	4044B (GEN)	5962R9663402VEC	4052B (GEN)	5962R9665102VEC
4034B (GEN)	5962R9667801V9A	4044B (GEN)	5962R9663402VXC	4052B (GEN)	5962R9665102VXC
4034B (GEN)	5962R9667801VJC	4046B (GEN)	5962R9666401V9A	4052BN (GEN)	5962R9665105V9A
4034B (GEN)	5962R9667801VXC	4046B (GEN)	5962R9666401VEC	4052BN (GEN)	5962R9665105VEC
4034BN (GEN)	5962R9667802VJA	4046B (GEN)	5962R9666401VXC	4052BN (GEN)	5962R9665105VXC
4034BN (GEN)	5962R9667802VXA	4046BN (GEN)	5962R9666402V9A	CD4052BF3A	7901502EA
4035B (GEN)	5962R9664901V9A	4046BN (GEN)	5962R9666402VEC	CD4052BMJ/883	7901501EA
4035B (GEN)	5962R9664901VEC	4046BN (GEN)	5962R9666402VXC	CD4052BMW/883	7901501FA
4035B (GEN)	5962R9664901VXC	CD4046BF3A	5962-9466401MEA	4053B (GEN)	5962R9665103V9A
4035B (GEN)	8101701FA	4047B (GEN)	5962R9663501V9A	4053B (GEN)	5962R9665103VEC



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
4053B (GEN)	8101801FA	4069UB (GEN)	7702701DX	4077BN (GEN)	5962R9661104V9A
4053B (GEN)	8101802EA	4069UBN (GEN)	5962R9665302V9A	4077BN (GEN)	5962R9661104VCC
4053B (GEN)	8101803EA	4069UBN (GEN)	5962R9665302VCC	4077BN (GEN)	5962R9661104VXC
4053B (GEN)	8101803FA	4069UBN (GEN)	5962R9665302VXC	CD4077BDMSR	5962R9661102VCC
4053B(GEN)	5962R9665103VXC	CD4069UBDMSR	5962R9665301VCC	CD4077BKMSR	5962R9661102VXC
4053BN (GEN)	5962R9665106V9A	CD4069UBHSR	5962R9665301V9A	ADA4077-2AF/QMLL	5962L1423302VXA
4053BN (GEN)	5962R9665106VEC	CD4069UBKMSR	5962R9665301VXC	ADA4077-2AF/QMLR	5962R1423301VXA
4053BN (GEN)	5962R9665106VXC	DG407A (GEN)	5962-9562302Q3A	4078B (GEN)	5962R9663801V9A
CD4053BF3A	8101801EA	DG407A (GEN)	5962-9562302QXA	4078B (GEN)	5962R9663801VCC
CLC406 (GEN)	5962-9200401M2A	4070BN (GEN)	5962R9661103V9A	4078B (GEN)	5962R9663801VXC
CLC406 (GEN)	5962-9200401MPA	4070BN (GEN)	5962R9661103VCC	4078B (GEN)	7704401AA
DG406A (GEN)	5962-9562301Q3A	4070BN (GEN)	5962R9661103VXC	4078B (GEN)	7704401CA
DG406A (GEN)	5962-9562301QXA	CD4070BDMSR	5962R9661101VCC	4078BN (GEN)	5962R9663802V9A
4060A (GEN)	7703101EA	CD4070BHSR	5962R9661101V9A	4078BN (GEN)	5962R9663802VCC
4060A (GEN)	7703101FA	CD4070BKMSR	5962R9661101VXC	4078BN (GEN)	5962R9663802VXC
4060B (GEN)	5962R9660901V9A	4071BN (GEN)	5962R9665402V9A	CD4078BF3A	7704402CA
4060B (GEN)	5962R9660901VEC	4071BN (GEN)	5962R9665402VCC	ADG408 (GEN)	5962-9204203M2A
4060B (GEN)	5962R9660901VXC	4071BN (GEN)	5962R9665402VXC	ADG408 (GEN)	5962-9204203MEA
THS4061MFKB	5962-9960101Q2A	CD4071B (GEN)	5962R9665401V9A	DG408A (GEN)	5962-9204201MFA
THS4061MJGB	5962-9960101QPA	CD4071B (GEN)	5962R9665401VCC	DG408A (GEN)	5962-9204201MXC
4062-3 (GEN)	5962-9851101NTB	CD4071B (GEN)	5962R9665401VXC	DG408AK/883	5962-9204201MEA
4062-3 (GEN)	5962-9851101NUA	4072B (GEN)	5962R9665403V9A	DG408AK/883B	5962-9204201MEA
4062-3 (GEN)	5962-9851101QXC	4072B (GEN)	5962R9665403VCC	DG408AZ/883B	5962-9204201M2C
4062-3 (GEN)	5962-9851101QYC	4072B (GEN)	5962R9665403VXC	HS0-4080AEH-Q	5962F9961702V9A
4062-3 (GEN)	5962-9851101QZC	4072B (GEN)	7706001CA	HS-4080A (GEN)	5962F9961701QSC
4063B (GEN)	5962R9675701V9A	4072B (GEN)	7706001DA	HS-4080A (GEN)	5962F9961701V9A
4063B (GEN)	5962R9675701VEC	4072BN (GEN)	5962R9665404V9A	HS-4080A (GEN)	5962F9961701VSC
CD4063BKMSR	5962R9675701VXC	4072BN (GEN)	5962R9665404VCC	HS-4080A (GEN)	5962R9961701TSC
4066B (GEN)	5962R9665201V9A	4072BN (GEN)	5962R9665404VXC	HS9-4080AEH-Q	5962F9961702VXC
4066B (GEN)	5962R9665201VCC	CD4072BF3A	7706002CA	CD4081BDMSR	5962R9665502VCC
4066B (GEN)	5962R9665201VXC	4073B (GEN)	5962R9665501V9A	CD4081BDNSR	5962R9665505VCC
4066BN (GEN)	5962R9665202V9A	4073B (GEN)	5962R9665501VCC	CD4081BF3A	7702402CA
4066BN (GEN)	5962R9665202VCC	4073B (GEN)	5962R9665501VXC	CD4081BHNSR	5962R9665505V9A
4066BN (GEN)	5962R9665202VXC	4073B (GEN)	7705101CA	CD4081BHSR	5962R9665502V9A
4067B (GEN)	5962R9667901V9A	4073B (GEN)	7705101DA	CD4081BKMSR	5962R9665502VXC
4067B (GEN)	5962R9667901VLC	4073BN (GEN)	5962R9665504V9A	CD4081BKNSR	5962R9665505VXC
4067B (GEN)	5962R9667901VXC	4073BN (GEN)	5962R9665504VCC	CD4081BMJ/883	7702401CA
MT4067-10 (GEN)	5962-8767604VA	4073BN (GEN)	5962R9665504VXC	CD4081BMW/883	7702401DA
MT4067-10 (GEN)	5962-8767604XA	CD4073BF3A	7705102CA	4082B (GEN)	5962R9665503V9A
MT4067-12 (GEN)	5962-8767601VA	4075B (GEN)	5962R9665405V9A	4082B (GEN)	5962R9665503VCC
MT4067-12 (GEN)	5962-8767601XA	4075B (GEN)	5962R9665405VCC	4082B (GEN)	5962R9665503VXC
MT4067-15 (GEN)	5962-8767602VA	4075B (GEN)	5962R9665405VXC	4082B (GEN)	7705901CA
MT4067-15 (GEN)	5962-8767602XA	4075BN (GEN)	5962R9665406V9A	4082B (GEN)	7705901DA
MT4067-20 (GEN)	5962-8767603VA	4075BN (GEN)	5962R9665406VCC	4082BN (GEN)	5962R9665506V9A
MT4067-20 (GEN)	5962-8767603XA	4075BN (GEN)	5962R9665406VXC	4082BN (GEN)	5962R9665506VCC
4068B (GEN)	5962R9661001V9A	4076BN (GEN)	5962R9665602V9A	4082BN (GEN)	5962R9665506VXC
4068B (GEN)	5962R9661001VCC	4076BN (GEN)	5962R9665602VEC	CD4082BF3A	7705902CA
4068B (GEN)	5962R9661001VXC	4076BN (GEN)	5962R9665602VXC	ADA4084-2AF/QMLL	5962L1324502VXA
4068BN (GEN)	5962R9661002V9A	CD4076BDMSR	5962R9665601VEC	ADA4084-2AF/QMLR	5962R1324501VXA
4068BN (GEN)	5962R9661002VCC	CD4076BHSR	5962R9665601V9A	ADA4084-4AFQMLL	5962L1523602VXA
4068BN (GEN)	5962R9661002VXC	CD4076BKMSR	5962R9665601VXC	ADA4084-4AFQMLR	5962R1523601VXA
4069UB (GEN)	7702701CX	4077B (GEN)	5962R9661102V9A	4085B (GEN)	5962R9663901V9A

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
4085B (GEN)	5962R9663901VCC	CD4098B (GEN)	5962R9661402VEC	P4C1026-25L32MB	5962-9161206MTA
4085B (GEN)	5962R9663901VXC	CD4098B (GEN)	5962R9661402VXC	P4C1026L-25L32MB	5962-9161205MTA
4085-1 (GEN)	5962-9957501NTB	CD4098BDMSR	5962R9661401VEC	P4C1026-35CMB	5962-9161204MXA
4085-1 (GEN)	5962-9957501NUA	CD4098BHSR	5962R9661401V9A	P4C1026-35FSMB	5962-9161204MUA
4085-1 (GEN)	5962-9957501QYC	CD4098BKMSR	5962R9661401VXC	P4C1026L-35CMB	5962-9161203MXA
4085-1 (GEN)	5962-9957501QZC	CD4099BDMSR	5962R9661501VEC	P4C1026L-35FSMB	5962-9161203MUA
4086B (GEN)	5962R9664001V9A	CD4099BHSR	5962R9661501V9A	P4C1026-35L32MB	5962-9161204MTA
4086B (GEN)	5962R9664001VCC	CD4099BKMSR	5962R9661501VXC	P4C1026L-35L32MB	5962-9161203MTA
4086B (GEN)	5962R9664001VXC	CLC410A/BPA	5962-9060001PA	P4C1026-45CMB	5962-9161202MXA
4089B (GEN)	5962R9661201V9A	GEM41001QEA	5962-8759001EA	P4C1026-45FSMB	5962-9161202MUA
4089B (GEN)	5962R9661201VEC	GEM41001QEC	5962-8759001EC	P4C1026L-45CMB	5962-9161201MXA
4089B (GEN)	5962R9661201VXC	GEM41001QFA	5962-8759001FA	P4C1026L-45FSMB	5962-9161201MUA
ADG409 (GEN)	5962-9204204M2A	GEM41001QFC	5962-8759001FC	P4C1026-45L32MB	5962-9161202MTA
ADG409 (GEN)	5962-9204204MEA	GEM41001Q2A	5962-87590012A	P4C1026L-45L32MB	5962-9161201MTA
CLC409A/B2A	5962-9203401M2A	GEM41001Q2C	5962-87590012C	P4C1049-12FSMB	5962-9560016MTA
CLC409A/BPA	5962-9203401MPA	4C1004 (GEN)	5962-9688901Q9A	P4C1049-12L36MB	5962-9560016MNA
DG409A (GEN)	5962-9204202M2A	4C1004 (GEN)	5962-9688902Q9A	P4C1049L-12FSMB	5962-9560015MTA
DG409A (GEN)	5962-9204202MFA	MT4C1004-10 (GEN)	5962-9062202MMA	P4C1049L-12L36MB	5962-9560015MNA
DG409A (GEN)	5962-9204202MXA	MT4C1004-10 (GEN)	5962-9062202MNA	P4C1049-15FSMB	5962-9560014MTA
DG409AK/883B	5962-9204202MEA	MT4C1004-10 (GEN)	5962-9062202MTA	P4C1049-15L36MB	5962-9560014MNA
4093B (GEN)	5962R9664101V9A	MT4C1004-10 (GEN)	5962-9062202MUA	P4C1049L-15FSMB	5962-9560013MTA
4093B (GEN)	5962R9664101VCC	MT4C1004J-10 (GEN)	5962-9062202MYA	P4C1049L-15L36MB	5962-9560013MNA
4093B (GEN)	5962R9664101VXC	MT4C1004JCN-10	5962-9062202MVA	P4C1049-20FSMB	5962-9560004MTA
4093BN (GEN)	5962R9664102V9A	MT4C1004-12 (GEN)	5962-9062201MMA	P4C1049-20L36MB	5962-9560004MNA
4093BN (GEN)	5962R9664102VCC	MT4C1004-12 (GEN)	5962-9062201MNA	P4C1049L-20FSMB	5962-9560008MTA
4093BN (GEN)	5962R9664102VXC	MT4C1004-12 (GEN)	5962-9062201MTA	P4C1049L-20FSMB	5962-9560012MTA
CD4093BF3A	7704602CA	MT4C1004-12 (GEN)	5962-9062201MUA	P4C1049L-20L36MB	5962-9560008MNA
CD4093BMJ/883	7704601CA	MT4C1004-12 (GEN)	5962-9062201MYA	P4C1049L-20L36MB	5962-9560012MNA
CD4093BMW/883	7704601DA	MT4C1004JCN-12	5962-9062201MVA	P4C1049-25FSMB	5962-9560003MTA
4094B (GEN)	5962R9664201V9A	MT4C1004-8	5962-9062203MMA	P4C1049-25L36MB	5962-9560003MNA
4094B (GEN)	5962R9664201VEC	MT4C1004-8	5962-9062203MNA	P4C1049L-25FSMB	5962-9560007MTA
4094B (GEN)	5962R9664201VXC	MT4C1004-8	5962-9062203MTA	P4C1049L-25FSMB	5962-9560011MTA
4094B (GEN)	7702501FA	MT4C1004-8	5962-9062203MUA	P4C1049L-25L36MB	5962-9560007MNA
4094B (GEN)	7702502EA	MT4C1004-8	5962-9062203MYA	P4C1049L-25L36MB	5962-9560011MNA
4094BN (GEN)	5962R9664202V9A	MT4C1004JCN-8	5962-9062203MVA	P4C1049-35FSMB	5962-9560002MTA
4094BN (GEN)	5962R9664202VEC	P4C1023-25FSMB	5962-8959812MTA	P4C1049-35L36MB	5962-9560002MNA
4094BN (GEN)	5962R9664202VXC	P4C1026-15CMB	5962-9161210MXA	P4C1049L-35FSMB	5962-9560006MTA
CD4094BF3A	7702501EA	P4C1026-15FSMB	5962-9161210MUA	P4C1049L-35FSMB	5962-9560010MTA
4095B (GEN)	5962R9661301V9A	P4C1026L-15CMB	5962-9161209MXA	P4C1049L-35L36MB	5962-9560006MNA
4095B (GEN)	5962R9661301VCC	P4C1026L-15FSMB	5962-9161209MUA	P4C1049L-35L36MB	5962-9560010MNA
4095B (GEN)	5962R9661301VXC	P4C1026-15L32MB	5962-9161210MTA	P4C1049-45FSMB	5962-9560001MTA
4096B (GEN)	5962R9661302V9A	P4C1026L-15L32MB	5962-9161209MTA	P4C1049-45L36MB	5962-9560001MNA
4096B (GEN)	5962R9661302VCC	P4C1026-20CMB	5962-9161208MXA	P4C1049L-45FSMB	5962-9560005MTA
4096B (GEN)	5962R9661302VXC	P4C1026-20FSMB	5962-9161208MUA	P4C1049L-45FSMB	5962-9560009MTA
ADA4096-2AF/QMLL	5962L1420602VXA	P4C1026L-20CMB	5962-9161207MXA	P4C1049L-45L36MB	5962-9560005MNA
ADA4096-2AF/QMLR	5962R1420601VXA	P4C1026L-20FSMB	5962-9161207MUA	P4C1049L-45L36MB	5962-9560009MNA
4097B (GEN)	5962R9667902V9A	P4C1026-20L32MB	5962-9161208MTA	ADF4108AF/QMLL	5962L1420401VXA
4097B (GEN)	5962R9667902VLC	P4C1026L-20L32MB	5962-9161207MTA	ADF4108BF/QMLL	5962L1420402VXA
4097B (GEN)	5962R9667902VXC	P4C1026-25CMB	5962-9161206MXA	CLC411A/BPA	5962-9456601MPA
4098B (GEN)	7705501EA	P4C1026-25FSMB	5962-9161206MUA	DG411A (GEN)	5962-9073101MFA
4098B (GEN)	7705501FA	P4C1026L-25CMB	5962-9161205MXA	DG411A (GEN)	5962-9073101MXC
CD4098B (GEN)	5962R9661402V9A	P4C1026L-25FSMB	5962-9161205MUA	DG411AK/883	5962-9073101MEA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
DG411AK/883B	5962-9073101MEA	P4C1256L-100DWMB	5962-8855201XA	P4C1256-25CMB	5962-8866206NC
DG411AZ/883B	5962-9073101M2C	P4C1256L-100FMB	5962-8855201NA	P4C1256-25DMB	5962-8866206NA
LF411MWGRLQMLV	5962R1122201VZA	P4C1256L-100FSMB	5962-8855201ZA	P4C1256-25DWMB	5962-8866206XA
GEM41103QQA	5962-8873903QA	P4C1256L-100FSSMB	5962-8855201TA	P4C1256-25FMB	5962-8866206MA
GEM41103QQC	5962-8873903QC	P4C1256L-100L28MB	5962-8855201MA	P4C1256-25FSMB	5962-8866206TA
GEM41103QXA	5962-8873903XA	P4C1256L-100L32MB	5962-8855201YA	P4C1256-25L28MB	5962-8866206UA
GEM41103QXC	5962-8873903XC	P4C1256-12CWMB	5962-8866209XA	P4C1256-25L32MB	5962-8866206YA
P4C116-35CWMB	8403614JA	P4C1256-12DMB	5962-8866209NA	P4C1256L-25DMB	5962-8855206UA
P4C116-35DMB	8403614LA	P4C1256-12FMB	5962-8866209MA	P4C1256L-25DWMB	5962-8855206XA
P4C116-35FMB	8403614KA	P4C1256-12FSMB	5962-8866209TA	P4C1256L-25FMB	5962-8855206NA
P4C116-35L28MB	84036143A	P4C1256-12L32MB	5962-8866209YA	P4C1256L-25FSMB	5962-8855206ZA
P4C116-35LMB	8403614YA	P4C1256L-12DMB	5962-8855213UA	P4C1256L-25FSSMB	5962-8855206TA
P4C116-35L32MB	8403614XA	P4C1256L-12DWMB	5962-8855213XA	P4C1256L-25L28MB	5962-8855206MA
P4C116-45CWMB	8403609JA	P4C1256L-12FMB	5962-8855213NA	P4C1256L-25L32MB	5962-8855206YA
P4C116-45DMB	8403609LA	P4C1256L-12FSMB	5962-8855213ZA	P4C1256-35CMB	5962-8866205NC
P4C116-45FMB	8403609KA	P4C1256L-12FSSMB	5962-8855213TA	P4C1256-35DMB	5962-8866205NA
P4C116-45L28MB	84036093A	P4C1256L-12L28MB	5962-8855213MA	P4C1256-35DWMB	5962-8866205XA
P4C116-45LMB	8403609YA	P4C1256L-12L32MB	5962-8855213YA	P4C1256-35FMB	5962-8866205MA
P4C116-45L32MB	8403609XA	P4C1256-12L28MB	5962-8866209UA	P4C1256-35FSMB	5962-8866205TA
P4C116-55CWMB	8403611JA	P4C1256-15DMB	5962-8866208NA	P4C1256-35L28MB	5962-8866205UA
P4C116-55DMB	8403611LA	P4C1256-15DWMB	5962-8866208XA	P4C1256-35L32MB	5962-8866205YA
P4C116-55FMB	8403611KA	P4C1256-15FMB	5962-8866208MA	P4C1256L-35DMB	5962-8855205UA
P4C116-55L28MB	84036113A	P4C1256-15FSMB	5962-8866208TA	P4C1256L-35DWMB	5962-8855205XA
P4C116L-55CMB	8403610LA	P4C1256-15L28MB	5962-8866208UA	P4C1256L-35FMB	5962-8855205NA
P4C116L-55CWMB	8403610JA	P4C1256-15L32MB	5962-8866208YA	P4C1256L-35FSMB	5962-8855205ZA
P4C116L-55FSMB	8403610KA	P4C1256L-15DMB	5962-8855212UA	P4C1256L-35FSSMB	5962-8855205TA
P4C116L-55L28MB	84036103A	P4C1256L-15DWMB	5962-8855212XA	P4C1256L-35L28MB	5962-8855205MA
P4C116L-55L32MB	8403610XA	P4C1256L-15FMB	5962-8855212NA	P4C1256L-35L32MB	5962-8855205YA
P4C116L-55LMB	8403610YA	P4C1256L-15FSMB	5962-8855212ZA	P4C1256-45CMB	5962-8866204NC
P4C116-55L32MB	8403611XA	P4C1256L-15FSSMB	5962-8855212TA	P4C1256-45DMB	5962-8866204NA
P4C116L-90CMB	8403603LA	P4C1256L-15L28MB	5962-8855212MA	P4C1256-45DWMB	5962-8866204XA
P4C116L-90CWMB	8403603JA	P4C1256L-15L32MB	5962-8855212YA	P4C1256-45FMB	5962-8866204MA
P4C116L-90FSMB	8403603KA	P4C1256L-17DMB	5962-8855211UA	P4C1256-45FSMB	5962-8866204TA
P4C116L-90L28MB	84036033A	P4C1256L-17DWMB	5962-8855211XA	P4C1256-45L28MB	5962-8866204UA
P4C116L-90L32MB	8403603XA	P4C1256L-17FMB	5962-8855211NA	P4C1256-45L32MB	5962-8866204YA
P4C116L-90LMB	8403603YA	P4C1256L-17FSMB	5962-8855211ZA	P4C1256L-45DMB	5962-8855204UA
CLC412A (GEN)	5962-9471901MPA	P4C1256L-17FSSMB	5962-8855211TA	P4C1256L-45DMB	5962-8855209UA
CLC412A/B2A	5962-9471901M2A	P4C1256L-17L28MB	5962-8855211MA	P4C1256L-45DWMB	5962-8855204XA
DG412A (GEN)	5962-9073102MFA	P4C1256L-17L32MB	5962-8855211YA	P4C1256L-45DWMB	5962-8855209XA
DG412A (GEN)	5962-9073102MXC	P4C1256-20CMB	5962-8866207NC	P4C1256L-45FMB	5962-8855204NA
DG412AK/883B	5962-9073102MEA	P4C1256-20DMB	5962-8866207NA	P4C1256L-45FMB	5962-8855209NA
DG412AZ/883B	5962-9073102M2C	P4C1256-20DWMB	5962-8866207XA	P4C1256L-45FSMB	5962-8855204ZA
LF412 (GEN)	5962-9676001QGA	P4C1256-20FMB	5962-8866207MA	P4C1256L-45FSMB	5962-8855209ZA
LF412 (GEN)	5962-9676001QPA	P4C1256-20FSMB	5962-8866207TA	P4C1256L-45FSSMB	5962-8855204TA
P4C1256-100CMB	5962-8866201NC	P4C1256-20L28MB	5962-8866207UA	P4C1256L-45FSSMB	5962-8855209TA
P4C1256-100DMB	5962-8866201NA	P4C1256-20L32MB	5962-8866207YA	P4C1256L-45L28MB	5962-8855204MA
P4C1256-100DWMB	5962-8866201XA	P4C1256L-20DMB	5962-8855210UA	P4C1256L-45L28MB	5962-8855209MA
P4C1256-100FMB	5962-8866201MA	P4C1256L-20DWMB	5962-8855210XA	P4C1256L-45L32MB	5962-8855204YA
P4C1256-100FSMB	5962-8866201TA	P4C1256L-20FMB	5962-8855210NA	P4C1256L-45L32MB	5962-8855209YA
P4C1256-100L28MB	5962-8866201UA	P4C1256L-20FSSMB	5962-8855210TA	P4C1256-55CMB	5962-8866203NC
P4C1256-100L32MB	5962-8866201YA	P4C1256L-20L28MB	5962-8855210MA	P4C1256-55DMB	5962-8866203NA
P4C1256L-100DMB	5962-8855201UA	P4C1256L-20L32MB	5962-8855210YA	P4C1256-55DWMB	5962-8866203XA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
P4C1256-55FMB	5962-8866203MA	P4C1257L-45LMB	5962-8854402XA	P4C1282-45CMB	5962-8993501XA
P4C1256-55FSMB	5962-8866203TA	P4C1257-55CMB	5962-8872503LA	P4C1282-45LMB	5962-8993501YA
P4C1256-55L28MB	5962-8866203UA	P4C1257-55FMB	5962-8872503YA	P4C1298L-15CMB	5962-8952407XA
P4C1256-55L32MB	5962-8866203YA	P4C1257-55LMB	5962-8872503XA	P4C1298L-15LMB	5962-8952407YA
P4C1256L-55DMB	5962-8855203UA	P4C1257L-55CMB	5962-8854403LA	P4C1298L-20CMB	5962-8952406XA
P4C1256L-55DMB	5962-8855208UA	P4C1257L-55FMB	5962-8854403YA	P4C1298L-20LMB	5962-8952406YA
P4C1256L-55DWMB	5962-8855203XA	P4C1257L-55LMB	5962-8854403XA	P4C1298L-25CMB	5962-8952405XA
P4C1256L-55DWMB	5962-8855208XA	P4C1257-70CMB	5962-8872504LA	P4C1298L-25LMB	5962-8952405YA
P4C1256L-55FMB	5962-8855203NA	P4C1257-70FMB	5962-8872504YA	P4C1298L-35CMB	5962-8952404XA
P4C1256L-55FMB	5962-8855208NA	P4C1257-70LMB	5962-8872504XA	P4C1298L-35LMB	5962-8952404YA
P4C1256L-55FSMB	5962-8855203ZA	P4C1257L-70CMB	5962-8854404LA	P4C1298L-45CMB	5962-8952403XA
P4C1256L-55FSMB	5962-8855208ZA	P4C1257L-70FMB	5962-8854404YA	P4C1298L-45LMB	5962-8952403YA
P4C1256L-55FSSMB	5962-8855203TA	P4C1257L-70LMB	5962-8854404XA	P4C1298L-55CMB	5962-8952402XA
P4C1256L-55FSSMB	5962-8855208TA	P4C1258-20CMB	5962-8868106LA	P4C1298L-55LMB	5962-8952402YA
P4C1256L-55L28MB	5962-8855203MA	P4C1258-20FSMB	5962-8868106YA	P4C1298L-70CMB	5962-8952401XA
P4C1256L-55L28MB	5962-8855208MA	P4C1258-20LMB	5962-8868106XA	P4C1298L-70LMB	5962-8952401YA
P4C1256L-55L32MB	5962-8855203YA	P4C1258-25CMB	5962-8868105LA	P4C1299-20CMB	5962-9322504MXA
P4C1256L-55L32MB	5962-8855208YA	P4C1258-25FSMB	5962-8868105YA	P4C1299-20LMB	5962-9322504MYA
P4C1256-70CMB	5962-8866202NC	P4C1258-25LMB	5962-8868105XA	P4C1299-25CMB	5962-9322503MXA
P4C1256-70DMB	5962-8866202NA	P4C1258-35CMB	5962-8868101LA	P4C1299-25LMB	5962-9322503MYA
P4C1256-70DWMB	5962-8866202XA	P4C1258-35FSMB	5962-8868101YA	P4C1299-35CMB	5962-9322502MXA
P4C1256-70FMB	5962-8866202MA	P4C1258-35LMB	5962-8868101XA	P4C1299-35LMB	5962-9322502MYA
P4C1256-70FSMB	5962-8866202TA	P4C1258L-35CMB	5962-8854501LA	P4C1299-45CMB	5962-9322501MXA
P4C1256-70L28MB	5962-8866202UA	P4C1258L-35FSMB	5962-8854501YA	P4C1299-45LMB	5962-9322501MYA
P4C1256-70L32MB	5962-8866202YA	P4C1258L-35LMB	5962-8854501XA	DG413A (GEN)	5962-9073103MFA
P4C1256L-70DMB	5962-8855202UA	P4C1258-45CMB	5962-8868102LA	DG413A (GEN)	5962-9073103MXC
P4C1256L-70DMB	5962-8855207UA	P4C1258-45FSMB	5962-8868102YA	DG413AK/883B	5962-9073103MEA
P4C1256L-70DWMB	5962-8855202XA	P4C1258-45LMB	5962-8868102XA	DG413AZ/883B	5962-9073103M2C
P4C1256L-70DWMB	5962-8855207XA	P4C1258L-45CMB	5962-8854502LA	CLC414A (GEN)	5962-9169301M2A
P4C1256L-70FMB	5962-8855202NA	P4C1258L-45FSMB	5962-8854502YA	CLC414A (GEN)	5962-9169301MCA
P4C1256L-70FMB	5962-8855207NA	P4C1258L-45LMB	5962-8854502XA	P4C147-25CMB	5962-8751301VA
P4C1256L-70FSMB	5962-8855202ZA	P4C1258-55CMB	5962-8868103LA	P4C147-35CMB	5962-8751302VA
P4C1256L-70FSSMB	5962-8855202TA	P4C1258-55FSMB	5962-8868103YA	P4C147-35DMB	5962-8858703VA
P4C1256L-70FSSMB	5962-8855207TA	P4C1258-55LMB	5962-8868103XA	P4C147-35FMB	5962-8858703XA
P4C1256L-70L28MB	5962-8855202MA	P4C1258L-55CMB	5962-8854503LA	P4C147-35LMB	5962-8858703YA
P4C1256L-70L28MB	5962-8855207MA	P4C1258L-55FSMB	5962-8854503YA	P4C147-45CMB	5962-8751303VA
P4C1256L-70L32MB	5962-8855202YA	P4C1258L-55LMB	5962-8854503XA	P4C148-25CMB	5962-8751304VA
P4C1256L-70L32MB	5962-8855207YA	P4C1258-70CMB	5962-8868104LA	P4C148-25CMB	5962-8751307VA
P4C1257-25CMB	5962-8872505LA	P4C1258-70FSMB	5962-8868104YA	P4C148-35CMB	5962-8751305VA
P4C1257-25FMB	5962-8872505YA	P4C1258-70LMB	5962-8868104XA	P4C148-35CMB	5962-8751308VA
P4C1257-25LMB	5962-8872505XA	P4C1258L-70CMB	5962-8854504LA	P4C148-35DMB	5962-8751310VA
P4C1257-35CMB	5962-8872501LA	P4C1258L-70FSMB	5962-8854504YA	P4C148-45CMB	5962-8751306VA
P4C1257-35FMB	5962-8872501YA	P4C1258L-70LMB	5962-8854504XA	P4C148-45CMB	5962-8751309VA
P4C1257-35LMB	5962-8872501XA	P4C1281-25CMB	5962-9066403MXA	CLC415 (GEN)	5962-9305501M2A
P4C1257L-35CMB	5962-8854401LA	P4C1281-25LMB	5962-9066403MZA	CLC415 (GEN)	5962-9305501MCA
P4C1257L-35FMB	5962-8854401YA	P4C1281-35CMB	5962-9066402MXA	RT4G150-1CG1657B	5962-1620802QXF
P4C1257L-35LMB	5962-8854401XA	P4C1281-35LMB	5962-9066402MZA	RT4G150-1CG1657E	5962-1620806QXF
P4C1257-45CMB	5962-8872502LA	P4C1281-45CMB	5962-9066401MXA	RT4G150-1CG1657V	5962-1620810VXF
P4C1257-45FMB	5962-8872502YA	P4C1281-45LMB	5962-9066401MZA	RT4G150-1LG1657B	5962-1620804QZC
P4C1257-45LMB	5962-8872502XA	P4C1282-25CMB	5962-8993503XA	RT4G150-1LG1657V	5962-1620812VZC
P4C1257L-45CMB	5962-8854402LA	P4C1282-35CMB	5962-8993502XA	P4C150-15CMB	5962-8858803LA
P4C1257L-45FMB	5962-8854402YA	P4C1282-35LMB	5962-8993502YA	P4C150-15DMB	5962-8858806LA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
P4C150-15FMB	5962-8858803KA	P4C163L-35LMB	5962-8868302UA	P4C164L-12LSMB	5962-3829446MUA
P4C150-15FMB	5962-8858806KA	P4C163L-35LMB	5962-8868305UA	P4C164-120CWMB	5962-3829403MXA
P4C150-15FMB	5962-8858807KA	P4C163-45CMB	5962-8988302XA	P4C164-120DMB	5962-3829403MZA
P4C150-15LMB	5962-8858803XA	P4C163-45LMB	5962-8988302ZA	P4C164-120DWMB	5962-8552502XA
P4C150-15LMB	5962-8858806XA	P4C163L-45CMB	5962-8868301YA	P4C164-120FMB	5962-3829403MMA
P4C150-15CMB	5962-8858807LA	P4C163L-45CMB	5962-8868304YA	P4C164-120L28MB	5962-3829403MUA
P4C150-15LMB	5962-8858807XA	P4C163L-45CWMB	5962-8868301XA	P4C164-120L32MB	5962-3829403MYA
RT4G150-1LG1657E	5962-1620808QZC	P4C163L-45DWMB	5962-8868304XA	P4C164L-120CWMB	5962-3829402MXA
RT4G150-CG1657B	5962-1620801QXF	P4C163L-45FMB	5962-8868301ZA	P4C164L-120DMB	5962-3829402MZA
RT4G150-CG1657E	5962-1620805QXF	P4C163L-45FMB	5962-8868304ZA	P4C164L-120DWMB	5962-8552513XA
RT4G150-CG1657V	5962-1620809VXF	P4C163L-45LMB	5962-8868301UA	P4C164L-120FMB	5962-3829402MMA
RT4G150-LG1657B	5962-1620803QZC	P4C163L-45LMB	5962-8868304UA	P4C164L-120L28MB	5962-3829402MUA
RT4G150-LG1657E	5962-1620807QZC	P4C163-55CMB	5962-8988301XA	P4C164L-120L32MB	5962-3829402MYA
RT4G150-LG1657V	5962-1620811VZC	P4C163-55LMB	5962-8988301ZA	4164-15FGS/BZA	8201006ZA
P4C150-25CMB	5962-8858802LA	SMJ416400-10FNCM	5962-9231201MYA	4164-15JDS/BEA	8201006EA
P4C150-25DMB	5962-8858805LA	SMJ416400-10HKBM	5962-9231201MXA	P4C164-15CMB	5962-8969106ZA
P4C150-25FMB	5962-8858802KA	SMJ416400-10SVM	5962-9231201MZA	P4C164-15DMB	5962-3829419MZA
P4C150-25FMB	5962-8858805KA	SMJ416400-70FNCM	5962-9231203MYA	P4C164-15DWMB	5962-3829419MXA
P4C150-25LMB	5962-8858802XA	SMJ416400-70HKBM	5962-9231203MXA	P4C164-15DWMB	5962-8969106XA
P4C150-25LMB	5962-8858805XA	SMJ416400-70SVM	5962-9231203MZA	P4C164-15FMB	5962-3829419MTA
P4C150-35CMB	5962-8858801LA	SMJ416400-80FNCM	5962-9231202MYA	P4C164-15FMB	5962-8969106TA
P4C150-35DMB	5962-8858804LA	SMJ416400-80HKBM	5962-9231202MXA	P4C164-15FSMB	5962-3829419MMA
P4C150-35FMB	5962-8858801KA	SMJ416400-80SVM	5962-9231202MZA	P4C164-15LSMB	5962-3829419MUA
P4C150-35FMB	5962-8858804KA	P4C164-100CWMB	5962-3829405MXA	P4C164L-15DMB	5962-3829418MZA
P4C150-35LMB	5962-8858801XA	P4C164-100DMB	5962-3829405MZA	P4C164L-15DWMB	5962-3829418MXA
P4C150-35LMB	5962-8858804XA	P4C164-100DWMB	5962-8552503XA	P4C164L-15FMB	5962-3829418MTA
416100-10 (GEN)	5962-9473401MXA	P4C164-100FMB	5962-3829405MMA	P4C164L-15FSMB	5962-3829418MMA
416100-10 (GEN)	5962-9473401MYA	P4C164-100L28MB	5962-3829405MUA	P4C164L-15L32MB	5962-3829418MYA
416100-70 (GEN)	5962-9473403MXA	P4C164-100L32MB	5962-3829405MYA	P4C164L-15L32MB	5962-3829419MYA
416100-70 (GEN)	5962-9473403MYA	P4C164L-100CWMB	5962-3829404MXA	P4C164L-15LMB	5962-3829418MUA
416100-80 (GEN)	5962-9473402MXA	P4C164L-100CWMB	5962-3829431MXA	P4C164-150CWMB	5962-3829401MXA
416100-80 (GEN)	5962-9473402MYA	P4C164L-100DMB	5962-3829404MZA	P4C164-150DMB	5962-3829401MZA
SMJ416160-70HKDM	5962-9674302QXA	P4C164L-100DMB	5962-3829431MZA	P4C164-150FMB	5962-3829401MMA
SMJ416160-80HKDM	5962-9674301QXA	P4C164L-100DWMB	5962-8552512XA	P4C164-150L28MB	5962-3829401MUA
P4C163L-25CMB	5962-8868303YA	P4C164L-100FMB	5962-3829404MMA	P4C164-150L32MB	5962-3829401MYA
P4C163L-25CMB	5962-8868306YA	P4C164L-100FMB	5962-3829431MMA	4164-20FGS/BZA	8201007ZA
P4C163L-25CWMB	5962-8868303XA	P4C164L-100L28MB	5962-3829404MUA	4164-20JDS/BEA	8201007EA
P4C163L-25DWMB	5962-8868306XA	P4C164L-100L28MB	5962-3829431MUA	P4C164-20CMB	5962-3829430MXA
P4C163L-25FMB	5962-8868303ZA	P4C164L-100L32MB	5962-3829404MYA	P4C164-20CMB	5962-3829468MXA
P4C163L-25FMB	5962-8868306ZA	P4C164L-100L32MB	5962-3829431MYA	P4C164-20CMB	5962-8969104ZA
P4C163L-25LMB	5962-8868303UA	4164-12FGS/BZA	8201008ZA	P4C164-20DMB	5962-3829417MZA
P4C163L-25LMB	5962-8868306UA	4164-12JDS/BEA	8201008EA	P4C164-20DMB	5962-3829430MZA
P4C163-35CMB	5962-8988303XA	P4C164-12CMB	5962-3829447MXA	P4C164-20DMB	5962-3829458MZA
P4C163-35CMB	5962-8988304XA	P4C164-12DMB	5962-3829447MZA	P4C164-20DMB	5962-3829468MZA
P4C163-35LMB	5962-8988303ZA	P4C164-12FMB	5962-3829447MTA	P4C164-20DWMB	5962-3829417MXA
P4C163-35LMB	5962-8988304ZA	P4C164-12FSMB	5962-3829447MMA	P4C164-20DWMB	5962-3829458MXA
P4C163L-35CMB	5962-8868302YA	P4C164-12L32MB	5962-3829447MYA	P4C164-20DWMB	5962-8969104XA
P4C163L-35CMB	5962-8868305YA	P4C164-12LSMB	5962-3829447MUA	P4C164-20FMB	5962-3829417MTA
P4C163L-35CWMB	5962-8868302XA	P4C164L-12CMB	5962-3829446MXA	P4C164-20FMB	5962-3829430MMA
P4C163L-35DWMB	5962-8868305XA	P4C164L-12DMB	5962-3829446MZA	P4C164-20FMB	5962-3829458MTA
P4C163L-35FMB	5962-8868302ZA	P4C164L-12FMB	5962-3829446MTA	P4C164-20FMB	5962-3829468MMA
P4C163L-35FMB	5962-8868305ZA	P4C164L-12FSMB	5962-3829446MMA	P4C164-20FMB	5962-8969104TA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
P4C164-20FSMB	5962-3829417MMA	P4C164L-25CMB	5962-8969101ZA	P4C164L-35DWMB	5962-3829412MXA
P4C164-20FSMB	5962-3829458MMA	P4C164L-25DMB	5962-3829414MZA	P4C164L-35DWMB	5962-3829453MXA
P4C164-20L32MB	5962-3829417MYA	P4C164L-25DMB	5962-3829428MZA	P4C164L-35DWMB	5962-8552508XA
P4C164-20L32MB	5962-3829430MYA	P4C164L-25DMB	5962-3829455MZA	P4C164L-35FMB	5962-3829412MTA
P4C164-20L32MB	5962-3829458MYA	P4C164L-25DMB	5962-3829466MZA	P4C164L-35FMB	5962-3829426MMA
P4C164-20L32MB	5962-3829468MYA	P4C164L-25DWMB	5962-3829414MXA	P4C164L-35FMB	5962-3829453MTA
P4C164-20LMB	5962-3829430MUA	P4C164L-25DWMB	5962-3829455MXA	P4C164L-35FMB	5962-3829464MMA
P4C164-20LMB	5962-3829468MUA	P4C164L-25DWMB	5962-8969101XA	P4C164L-35FSMB	5962-3829412MMA
P4C164-20LMB	5962-8969104UA	P4C164L-25FMB	5962-3829414MTA	P4C164L-35FSMB	5962-3829453MMA
P4C164-20LSMB	5962-3829417MUA	P4C164L-25FMB	5962-3829428MTA	P4C164L-35L32MB	5962-3829412MYA
P4C164-20LSMB	5962-3829458MUA	P4C164L-25FMB	5962-3829455MTA	P4C164L-35L32MB	5962-3829426MYA
P4C164L-20DMB	5962-3829416MZA	P4C164L-25FMB	5962-3829466MMA	P4C164L-35L32MB	5962-3829453MYA
P4C164L-20DMB	5962-3829457MZA	P4C164L-25FMB	5962-8969101TA	P4C164L-35L32MB	5962-3829464MYA
P4C164L-20DWMB	5962-3829416MXA	P4C164L-25FSMB	5962-3829455MMA	P4C164L-35LMB	5962-3829426MUA
P4C164L-20DWMB	5962-3829457MXA	P4C164L-25L32MB	5962-3829414MYA	P4C164L-35LMB	5962-3829464MUA
P4C164L-20FMB	5962-3829416MTA	P4C164L-25L32MB	5962-3829428MYA	P4C164L-35LSMB	5962-3829412MUA
P4C164L-20FMB	5962-3829457MTA	P4C164L-25L32MB	5962-3829455MYA	P4C164L-35LSMB	5962-3829453MUA
P4C164L-20FSMB	5962-3829416MMA	P4C164L-25L32MB	5962-3829466MYA	P4C164-45CMB	5962-3829425MXA
P4C164L-20FSMB	5962-3829457MMA	P4C164L-25LMB	5962-3829428MUA	P4C164-45CMB	5962-3829463MXA
P4C164L-20L32MB	5962-3829416MYA	P4C164L-25LMB	5962-3829466MUA	P4C164-45DMB	5962-3829411MZA
P4C164L-20L32MB	5962-3829457MYA	P4C164L-25LMB	5962-8969101UA	P4C164-45DMB	5962-3829425MZA
P4C164L-20LSMB	5962-3829416MUA	P4C164L-25LSMB	5962-3829414MUA	P4C164-45DMB	5962-3829452MZA
P4C164L-20LSMB	5962-3829457MUA	P4C164L-25LSMB	5962-3829455MUA	P4C164-45DMB	5962-3829463MZA
P4C164-25CMB	5962-3829429MXA	P4C164-35CMB	5962-3829427MXA	P4C164-45DWMB	5962-3829411MXA
P4C164-25CMB	5962-3829467MXA	P4C164-35CMB	5962-3829465MXA	P4C164-45DWMB	5962-3829452MXA
P4C164-25CMB	5962-8969102ZA	P4C164-35DMB	5962-3829413MZA	P4C164-45DWMB	5962-8552506XA
P4C164-25DMB	5962-3829415MZA	P4C164-35DMB	5962-3829427MZA	P4C164-45FMB	5962-3829411MTA
P4C164-25DMB	5962-3829429MZA	P4C164-35DMB	5962-3829454MZA	P4C164-45FMB	5962-3829425MMA
P4C164-25DMB	5962-3829456MZA	P4C164-35DMB	5962-3829465MZA	P4C164-45FMB	5962-3829452MTA
P4C164-25DMB	5962-3829467MZA	P4C164-35DWMB	5962-3829413MXA	P4C164-45FMB	5962-3829463MMA
P4C164-25DWMB	5962-3829415MXA	P4C164-35DWMB	5962-3829454MXA	P4C164-45FSMB	5962-3829411MMA
P4C164-25DWMB	5962-3829456MXA	P4C164-35DWMB	5962-8552507XA	P4C164-45FSMB	5962-3829452MMA
P4C164-25DWMB	5962-8969102XA	P4C164-35FMB	5962-3829413MTA	P4C164-45L32MB	5962-3829411MYA
P4C164-25FMB	5962-3829415MTA	P4C164-35FMB	5962-3829427MMA	P4C164-45L32MB	5962-3829425MYA
P4C164-25FMB	5962-3829429MMA	P4C164-35FMB	5962-3829454MTA	P4C164-45L32MB	5962-3829452MYA
P4C164-25FMB	5962-3829456MTA	P4C164-35FMB	5962-3829465MMA	P4C164-45L32MB	5962-3829463MYA
P4C164-25FMB	5962-3829467MMA	P4C164-35FSMB	5962-3829413MMA	P4C164-45LMB	5962-3829425MUA
P4C164-25FMB	5962-8969102TA	P4C164-35FSMB	5962-3829454MMA	P4C164-45LMB	5962-3829463MUA
P4C164-25FSMB	5962-3829414MMA	P4C164-35L32MB	5962-3829413MYA	P4C164-45LSMB	5962-3829411MUA
P4C164-25FSMB	5962-3829415MMA	P4C164-35L32MB	5962-3829427MYA	P4C164-45LSMB	5962-3829452MUA
P4C164-25FSMB	5962-3829456MMA	P4C164-35L32MB	5962-3829454MYA	P4C164L-45CMB	5962-3829424MXA
P4C164-25L32MB	5962-3829415MYA	P4C164-35L32MB	5962-3829465MYA	P4C164L-45CMB	5962-3829462MXA
P4C164-25L32MB	5962-3829429MYA	P4C164-35LMB	5962-3829427MUA	P4C164L-45DMB	5962-3829410MZA
P4C164-25L32MB	5962-3829456MYA	P4C164-35LMB	5962-3829465MUA	P4C164L-45DMB	5962-3829424MZA
P4C164-25L32MB	5962-3829467MYA	P4C164-35LSMB	5962-3829413MUA	P4C164L-45DMB	5962-3829434MZA
P4C164-25LMB	5962-3829429MUA	P4C164-35LSMB	5962-3829454MUA	P4C164L-45DMB	5962-3829451MZA
P4C164-25LMB	5962-3829467MUA	P4C164L-35CMB	5962-3829426MXA	P4C164L-45DMB	5962-3829462MZA
P4C164-25LMB	5962-8969102UA	P4C164L-35CMB	5962-3829464MXA	P4C164L-45DWMB	5962-3829410MXA
P4C164-25LSMB	5962-3829415MUA	P4C164L-35DMB	5962-3829412MZA	P4C164L-45DWMB	5962-3829434MXA
P4C164-25LSMB	5962-3829456MUA	P4C164L-35DMB	5962-3829426MZA	P4C164L-45DWMB	5962-3829451MXA
P4C164L-25CMB	5962-3829428MXA	P4C164L-35DMB	5962-3829453MZA	P4C164L-45DWMB	5962-8552509XA
P4C164L-25CMB	5962-3829466MXA	P4C164L-35DMB	5962-3829464MZA	P4C164L-45FMB	5962-3829410MTA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
P4C164L-45FMB	5962-3829424MMA	P4C164L-55DMB	5962-3829460MZA	P4C164L-70CWMB	5962-3829432MXA
P4C164L-45FMB	5962-3829434MTA	P4C164L-55DWMB	5962-3829408MXA	P4C164L-70CWMB	5962-3829436MXA
P4C164L-45FMB	5962-3829451MTA	P4C164L-55DWMB	5962-3829433MXA	P4C164L-70DMB	5962-3829420MZA
P4C164L-45FMB	5962-3829462MMA	P4C164L-55DWMB	5962-3829449MXA	P4C164L-70DMB	5962-3829432MZA
P4C164L-45FSMB	5962-3829410MMA	P4C164L-55DWMB	5962-8552510XA	P4C164L-70DMB	5962-3829436MZA
P4C164L-45FSMB	5962-3829434MMA	P4C164L-55FMB	5962-3829408MTA	P4C164L-70DWMB	5962-8552511XA
P4C164L-45FSMB	5962-3829451MMA	P4C164L-55FMB	5962-3829422MMA	P4C164L-70FMB	5962-3829406MMA
P4C164L-45L32MB	5962-3829410MYA	P4C164L-55FMB	5962-3829433MTA	P4C164L-70FMB	5962-3829420MMA
P4C164L-45L32MB	5962-3829424MYA	P4C164L-55FMB	5962-3829437MMA	P4C164L-70FMB	5962-3829432MMA
P4C164L-45L32MB	5962-3829434MYA	P4C164L-55FMB	5962-3829449MTA	P4C164L-70FMB	5962-3829436MMA
P4C164L-45L32MB	5962-3829451MYA	P4C164L-55FMB	5962-3829460MMA	P4C164L-70L28MB	5962-3829406MUA
P4C164L-45L32MB	5962-3829462MYA	P4C164L-55FSMB	5962-3829408MMA	P4C164L-70L28MB	5962-3829420MUA
P4C164L-45LMB	5962-3829424MUA	P4C164L-55FSMB	5962-3829433MMA	P4C164L-70L28MB	5962-3829432MUA
P4C164L-45LMB	5962-3829462MUA	P4C164L-55FSMB	5962-3829449MMA	P4C164L-70L28MB	5962-3829436MUA
P4C164L-45LSMB	5962-3829410MUA	P4C164L-55L28MB	5962-3829437MUA	P4C164L-70L32MB	5962-3829406MYA
P4C164L-45LSMB	5962-3829434MUA	P4C164L-55L32MB	5962-3829408MYA	P4C164L-70L32MB	5962-3829420MYA
P4C164L-45LSMB	5962-3829451MUA	P4C164L-55L32MB	5962-3829422MYA	P4C164L-70L32MB	5962-3829432MYA
P4C164-55CMB	5962-3829423MXA	P4C164L-55L32MB	5962-3829433MYA	P4C164L-70L32MB	5962-3829436MYA
P4C164-55CMB	5962-3829461MXA	P4C164L-55L32MB	5962-3829437MYA	P4C164L-85CWMB	5962-3829435MXA
P4C164-55DMB	5962-3829409MZA	P4C164L-55L32MB	5962-3829449MYA	P4C164L-85DMB	5962-3829435MZA
P4C164-55DMB	5962-3829423MZA	P4C164L-55L32MB	5962-3829460MYA	P4C164L-85FMB	5962-3829435MMA
P4C164-55DMB	5962-3829444QZA	P4C164L-55LMB	5962-3829422MUA	P4C164L-85L28MB	5962-3829435MUA
P4C164-55DMB	5962-3829450MZA	P4C164L-55LMB	5962-3829460MUA	P4C164L-85L32MB	5962-3829435MYA
P4C164-55DMB	5962-3829461MZA	P4C164L-55LSMB	5962-3829408MUA	P4C167L-25CMB	8413206RA
P4C164-55DWMB	5962-3829409MXA	P4C164L-55LSMB	5962-3829433MUA	P4C167L-25FSMB	8413206SA
P4C164-55DWMB	5962-3829444QXA	P4C164L-55LSMB	5962-3829449MUA	P4C167L-25LMB	8413206YA
P4C164-55DWMB	5962-3829450MXA	P4C164L-70DMB	5962-3829406MZA	P4C167-35CMB	8413205RA
P4C164-55FMB	5962-3829409MTA	P4C164-70CMB	5962-3829421MXA	P4C167-35FSMB	8413205SA
P4C164-55FMB	5962-3829423MMA	P4C164-70CMB	5962-3829459MXA	P4C167-35LMB	8413205YA
P4C164-55FMB	5962-3829450MTA	P4C164-70DMB	5962-3829407MZA	P4C167L-35CMB	8413204RA
P4C164-55FMB	5962-3829461MMA	P4C164-70DMB	5962-3829421MZA	P4C167L-35FSMB	8413204SA
P4C164-55FSMB	5962-3829409MMA	P4C164-70DMB	5962-3829448MZA	P4C167L-35LMB	8413204YA
P4C164-55FSMB	5962-3829444QMA	P4C164-70DMB	5962-3829459MZA	P4C167-45CMB	8413202RA
P4C164-55FSMB	5962-3829450MMA	P4C164-70DWMB	5962-3829407MXA	P4C167-45FSMB	8413202SA
P4C164-55L32MB	5962-3829409MYA	P4C164-70DWMB	5962-3829448MXA	P4C167-45LMB	8413202YA
P4C164-55L32MB	5962-3829423MYA	P4C164-70DWMB	5962-8552504XA	P4C167L-45CMB	8413209RA
P4C164-55L32MB	5962-3829444QYA	P4C164-70FMB	5962-3829407MTA	P4C167L-45FSMB	8413209SA
P4C164-55L32MB	5962-3829450MYA	P4C164-70FMB	5962-3829421MMA	P4C167L-45LMB	8413209YA
P4C164-55L32MB	5962-3829461MYA	P4C164-70FMB	5962-3829448MTA	P4C167-45L20MB	5962-0152901MYA
P4C164-55LMB	5962-3829423MUA	P4C164-70FMB	5962-3829459MMA	P4C167-55CMB	8413208RA
P4C164-55LMB	5962-3829461MUA	P4C164-70FSMB	5962-3829407MMA	P4C167-55FSMB	8413208SA
P4C164-55LSMB	5962-3829409MUA	P4C164-70FSMB	5962-3829448MMA	P4C167-55LMB	8413208YA
P4C164-55LSMB	5962-3829444QUA	P4C164-70L32MB	5962-3829407MYA	P4C164L-12L32MB	5962-3829446MYA
P4C164-55LSMB	5962-3829450MUA	P4C164-70L32MB	5962-3829421MYA	P4C1682-15CMB	5962-8979004LA
P4C164L-55CMB	5962-3829422MXA	P4C164-70L32MB	5962-3829448MYA	P4C1682-15FSMB	5962-8979004KA
P4C164L-55CMB	5962-3829460MXA	P4C164-70L32MB	5962-3829459MYA	P4C1682-15LMB	5962-89790043A
P4C164L-55CWMB	5962-3829437MXA	P4C164-70LMB	5962-3829421MUA	P4C1682L-15CMB	5962-8979003LA
P4C164L-55DMB	5962-3829408MZA	P4C164-70LMB	5962-3829459MUA	P4C1682L-15FSMB	5962-8979003KA
P4C164L-55DMB	5962-3829422MZA	P4C164-70LSMB	5962-3829407MUA	P4C1682L-15LMB	5962-89790033A
P4C164L-55DMB	5962-3829433MZA	P4C164-70LSMB	5962-3829448MUA	P4C1682-20CMB	5962-8979002LA
P4C164L-55DMB	5962-3829437MZA	P4C164L-70CMB	5962-3829420MXA	P4C1682-20FSMB	5962-8979002KA
P4C164L-55DMB	5962-3829449MZA	P4C164L-70CWMB	5962-3829406MXA	P4C1682-20LMB	5962-89790023A

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
P4C1682L-20CMB	5962-8979001LA	P4C168L-35DMB	5962-8670519RA	P4C168-70DMB	5962-8670509RA
P4C1682L-20FSMB	5962-8979001KA	P4C168L-35FSMB	5962-8670504ZA	P4C168-70DMB	5962-8670515RA
P4C1682L-20LMB	5962-89790013A	P4C168L-35FSMB	5962-8670519ZA	P4C168-70DMB	5962-8670524RA
P4C1682L-25CMB	5962-8861105LA	P4C168L-35LMB	5962-8670504UA	P4C168-70FSMB	5962-8670509ZA
P4C1682L-25FMB	5962-8861105KA	P4C168L-35LMB	5962-8670504XA	P4C168-70FSMB	5962-8670515ZA
P4C1682L-25LMB	5962-88611053A	P4C168L-35LMB	5962-8670519UA	P4C168-70FSMB	5962-8670524ZA
P4C1682L-35 FMB	5962-8861104KA	P4C168L-35LMB	5962-8670519XA	P4C168-70LMB	5962-8670509XA
P4C1682L-35CMB	5962-8861104LA	P4C168-45 (GEN)	5962-8670505YA	P4C168-70LMB	5962-8670515UA
P4C1682L-35LMB	5962-88611043A	P4C168-45DMB	5962-8670505RA	P4C168-70LMB	5962-8670515XA
P4C1682L-45CMB	5962-8861103LA	P4C168-45DMB	5962-8670513RA	P4C168-70LMB	5962-8670524UA
P4C1682L-45FMB	5962-8861103KA	P4C168-45DMB	5962-8670520RA	P4C168-70LMB	5962-8670524XA
P4C1682L-45LMB	5962-88611033A	P4C168-45FSMB	5962-8670505ZA	P4C168L-70 (GEN)	5962-8670510YA
P4C168-25DMB	5962-8670501RA	P4C168-45FSMB	5962-8670513ZA	P4C168L-70DMB	5962-8670510RA
P4C168-25DMB	5962-8670511RA	P4C168-45FSMB	5962-8670520ZA	P4C168L-70DMB	5962-8670525RA
P4C168-25DMB	5962-8670516RA	P4C168-45LMB	5962-8670505UA	P4C168L-70FSMB	5962-8670510ZA
P4C168-25FSMB	5962-8670501ZA	P4C168-45LMB	5962-8670505XA	P4C168L-70FSMB	5962-8670525ZA
P4C168-25FSMB	5962-8670511ZA	P4C168-45LMB	5962-8670513UA	P4C168L-70LMB	5962-8670510UA
P4C168-25FSMB	5962-8670516ZA	P4C168-45LMB	5962-8670513XA	P4C168L-70LMB	5962-8670510XA
P4C168-25LMB	5962-8670501UA	P4C168-45LMB	5962-8670520UA	P4C168L-70LMB	5962-8670525UA
P4C168-25LMB	5962-8670501XA	P4C168-45LMB	5962-8670520XA	P4C168L-70LMB	5962-8670525XA
P4C168-25LMB	5962-8670511UA	P4C168L-45 (GEN)	5962-8670506YA	DG417 (GEN)	5962-9073701MHA
P4C168-25LMB	5962-8670511XA	P4C168L-45DMB	5962-8670506RA	DG417A (GEN)	5962-9073701MXC
P4C168-25LMB	5962-8670516UA	P4C168L-45DMB	5962-8670521RA	DG417AK/883B	5962-9073701MPA
P4C168-25LMB	5962-8670516XA	P4C168L-45FSMB	5962-8670506ZA	DG417B (GEN)	5962-9073704MPA
P4C168L-25DMB	5962-8670502RA	P4C168L-45FSMB	5962-8670521ZA	GEM41701Q2A	5962-87560012A
P4C168L-25DMB	5962-8670517RA	P4C168L-45LMB	5962-8670506UA	GEM41701Q2C	5962-87560012C
P4C168L-25FSMB	5962-8670502ZA	P4C168L-45LMB	5962-8670506XA	GEM41701QEA	5962-8756001EA
P4C168L-25FSMB	5962-8670517ZA	P4C168L-45LMB	5962-8670521UA	GEM41701QEC	5962-8756001EC
P4C168L-25LMB	5962-8670502UA	P4C168L-45LMB	5962-8670521XA	GEM41701QFA	5962-8756001FA
P4C168L-25LMB	5962-8670502XA	P4C168-55 (GEN)	5962-8670507YA	GEM41701QFC	5962-8756001FC
P4C168L-25LMB	5962-8670517UA	P4C168-55DMB	5962-8670507RA	GEM41701QXA	5962-8756001XA
P4C168L-25LMB	5962-8670517XA	P4C168-55DMB	5962-8670514RA	GEM41701QXC	5962-8756001XC
P4C1682L-55CMB	5962-8861102LA	P4C168-55DMB	5962-8670522RA	DG418 (GEN)	5962-9073702MHA
P4C1682L-55FMB	5962-8861102KA	P4C168-55FSMB	5962-8670507ZA	DG418A (GEN)	5962-9073702MPA
P4C1682L-55LMB	5962-88611023A	P4C168-55FSMB	5962-8670514ZA	DG418A (GEN)	5962-9073702MXC
P4C1682L-70CMB	5962-8861101LA	P4C168-55FSMB	5962-8670522ZA	DG418B (GEN)	5962-9073705MPA
P4C1682L-70FMB	5962-8861101KA	P4C168-55LMB	5962-8670507UA	GEM41801Q2A	5962-87769012A
P4C1682L-70LMB	5962-88611013A	P4C168-55LMB	5962-8670507XA	GEM41801Q2C	5962-87769012C
P4C168-35 (GEN)	5962-8670503YA	P4C168-55LMB	5962-8670514UA	GEM41801QEA	5962-8776901EA
P4C168-35DMB	5962-8670503RA	P4C168-55LMB	5962-8670514XA	GEM41801QEC	5962-8776901EC
P4C168-35DMB	5962-8670512RA	P4C168-55LMB	5962-8670522UA	SMJ418160-70HKDM	5962-9674304QXA
P4C168-35DMB	5962-8670518RA	P4C168-55LMB	5962-8670522XA	SMJ418160-80HKDM	5962-9674303QXA
P4C168-35FSMB	5962-8670503ZA	P4C168L-55 (GEN)	5962-8670508YA	P4C187-35LMB	5962-8601501ZA
P4C168-35FSMB	5962-8670512ZA	P4C168L-55DMB	5962-8670508RA	P4C187-12CMB	5962-8969609XA
P4C168-35FSMB	5962-8670518ZA	P4C168L-55DMB	5962-8670523RA	P4C187-12LMB	5962-8969609ZA
P4C168-35LMB	5962-8670503UA	P4C168L-55FSMB	5962-8670508ZA	P4C187L-12CMB	5962-8969610XA
P4C168-35LMB	5962-8670503XA	P4C168L-55FSMB	5962-8670523ZA	P4C187L-12LMB	5962-8969610ZA
P4C168-35LMB	5962-8670512XA	P4C168L-55LMB	5962-8670508UA	P4C187-15CMB	5962-8969605XA
P4C168-35LMB	5962-8670518UA	P4C168L-55LMB	5962-8670508XA	P4C187-15LMB	5962-8969605ZA
P4C168-35LMB	5962-8670518XA	P4C168L-55LMB	5962-8670523UA	P4C187L-15CMB	5962-8969606XA
P4C168L-35 (GEN)	5962-8670504YA	P4C168L-55LMB	5962-8670523XA	P4C187L-15LMB	5962-8969606ZA
P4C168L-35DMB	5962-8670504RA	P4C168-70 (GEN)	5962-8670509YA	P4C187-20CMB	5962-8969603XA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
P4C187-20CMB	5962-8969608XA	P4C188-25FMB	5962-8969202KA	P4C1981-25LMB	5962-9059403UA
P4C187-20LMB	5962-8969603ZA	P4C188-25LMB	5962-8969202ZA	P4C1981-25LMB	5962-9059403ZA
P4C187-20LMB	5962-8969608ZA	P4C188L-25CMB	5962-8969201XA	P4C1981-35CMB	5962-9059402XA
P4C187L-20CMB	5962-8969604XA	P4C188L-25DMB	5962-8969201YA	P4C1981-35FMB	5962-9059402YA
P4C187L-20LMB	5962-8969604ZA	P4C188L-25FMB	5962-8969201KA	P4C1981-35LMB	5962-9059402UA
P4C187-25CMB	5962-8969601XA	P4C188L-25LMB	5962-8969201ZA	P4C1981-35LMB	5962-9059402ZA
P4C187-25CMB	5962-8969607XA	P4C188-35C4MB	5962-8685924WA	P4C1981-45CMB	5962-9059401XA
P4C187-25LMB	5962-8969601ZA	P4C188-35CMB	5962-8685924TA	P4C1981-45FMB	5962-9059401YA
P4C187-25LMB	5962-8969607ZA	P4C188-35DMB	5962-8685924YA	P4C1981-45LMB	5962-9059401UA
P4C187L-25CMB	5962-8969602XA	P4C188-35FSMB	5962-8685924KA	P4C1981-45LMB	5962-9059401ZA
P4C187L-25LMB	5962-8969602ZA	P4C188-35LMB	5962-8685924ZA	P4C198-15DMB	5962-8989206LA
P4C187-35CMB	5962-8601501XA	P4C188L-35C4MB	5962-8685923WA	P4C198-15FMB	5962-8989206KA
P4C187-35DMB	5962-8601501YA	P4C188L-35CMB	5962-8685923TA	P4C198-15L1MB	5962-8989206YA
P4C187L-35CMB	5962-8601502XA	P4C188L-35DMB	5962-8685923YA	P4C198-15LMB	5962-8989206XA
P4C187L-35DMB	5962-8601502YA	P4C188L-35FSMB	5962-8685923KA	P4C198A-15DMB	5962-8989106LA
P4C187L-35LMB	5962-8601502ZA	P4C188L-35LMB	5962-8685923ZA	P4C198A-15LMB	5962-8989106XA
P4C187-45CMB	5962-8601503XA	P4C188-45C4MB	5962-8685922WA	P4C198AL-15DMB	5962-8989105LA
P4C187-45DMB	5962-8601503YA	P4C188-45CMB	5962-8685922TA	P4C198AL-15LMB	5962-8989105XA
P4C187-45LMB	5962-8601503ZA	P4C188-45DMB	5962-8685922YA	P4C198L-15DMB	5962-8989205LA
P4C187L-45CMB	5962-8601504XA	P4C188-45FSMB	5962-8685922KA	P4C198L-15FMB	5962-8989205KA
P4C187L-45DMB	5962-8601504YA	P4C188-45LMB	5962-8685922ZA	P4C198L-15L1MB	5962-8989205YA
P4C187L-45LMB	5962-8601504ZA	P4C188L-45C4MB	5962-8685921WA	P4C198L-15LMB	5962-8989205XA
P4C187-55CMB	5962-8601505XA	P4C188L-45CMB	5962-8685921TA	P4C198-20DMB	5962-8989204LA
P4C187-55DMB	5962-8601505YA	P4C188L-45DMB	5962-8685921YA	P4C198-20FMB	5962-8989204KA
P4C187-55LMB	5962-8601505ZA	P4C188L-45FSMB	5962-8685921KA	P4C198-20L1MB	5962-8989204YA
P4C187L-55CMB	5962-8601506XA	P4C188L-45LMB	5962-8685921ZA	P4C198-20LMB	5962-8989204XA
P4C187L-55DMB	5962-8601506YA	P4C188-55C4MB	5962-8685920WA	P4C198A-20DMB	5962-8989104LA
P4C187L-55LMB	5962-8601506ZA	P4C188-55CMB	5962-8685920TA	P4C198A-20LMB	5962-8989104XA
P4C187-70CMB	5962-8601507XA	P4C188-55DMB	5962-8685920YA	P4C198AL-20DMB	5962-8989103LA
P4C187-70DMB	5962-8601507YA	P4C188-55FSMB	5962-8685920KA	P4C198AL-20LMB	5962-8989103XA
P4C187-70LMB	5962-8601507ZA	P4C188-55LMB	5962-8685920ZA	P4C198L-20DMB	5962-8989203LA
P4C187L-70CMB	5962-8601508XA	P4C188L-55C4MB	5962-8685919WA	P4C198L-20FMB	5962-8989203KA
P4C187L-70DMB	5962-8601508YA	P4C188L-55CMB	5962-8685919TA	P4C198L-20L1MB	5962-8989203YA
P4C187L-70LMB	5962-8601508ZA	P4C188L-55DMB	5962-8685919YA	P4C198L-20LMB	5962-8989203XA
P4C188-15CMB	5962-8969206XA	P4C188L-55FSMB	5962-8685919KA	P4C1982-20CMB	5962-8971204XA
P4C188-15DMB	5962-8969206YA	P4C188L-55LMB	5962-8685919ZA	P4C1982-20FMB	5962-8971204YA
P4C188-15FMB	5962-8969206KA	DG419 (GEN)	5962-9073703MHA	P4C1982-20LMB	5962-8971204UA
P4C188-15LMB	5962-8969206ZA	DG419A (GEN)	5962-9073703MXC	P4C1982-20LMB	5962-8971204ZA
P4C188L-15CMB	5962-8969205XA	DG419AK/883B	5962-9073703MPA	P4C1982-25CMB	5962-8971203XA
P4C188L-15DMB	5962-8969205YA	DG419B (GEN)	5962-9073706MPA	P4C1982-25FMB	5962-8971203YA
P4C188L-15FMB	5962-8969205KA	GEM41901QEA	8202201EA	P4C1982-25LMB	5962-8971203UA
P4C188L-15LMB	5962-8969205ZA	GEM41901QEC	8202201EC	P4C1982-25LMB	5962-8971203ZA
P4C188-20CMB	5962-8969204XA	GEM41901QFA	8202201FA	P4C1982-35CMB	5962-8971202XA
P4C188-20DMB	5962-8969204YA	GEM41901QFC	8202201FC	P4C1982-35FMB	5962-8971202YA
P4C188-20FMB	5962-8969204KA	RM4194DC/883	7705401CA	P4C1982-35LMB	5962-8971202UA
P4C188-20LMB	5962-8969204ZA	RM4194TK/883	7705401RA	P4C1982-35LMB	5962-8971202ZA
P4C188L-20CMB	5962-8969203XA	P4C1981-20CMB	5962-9059404XA	P4C1982-45CMB	5962-8971201XA
P4C188L-20DMB	5962-8969203YA	P4C1981-20FMB	5962-9059404YA	P4C1982-45FMB	5962-8971201YA
P4C188L-20FMB	5962-8969203KA	P4C1981-20LMB	5962-9059404UA	P4C1982-45LMB	5962-8971201UA
P4C188L-20LMB	5962-8969203ZA	P4C1981-20LMB	5962-9059404ZA	P4C1982-45LMB	5962-8971201ZA
P4C188-25CMB	5962-8969202XA	P4C1981-25CMB	5962-9059403XA	P4C198-25DMB	5962-8989202LA
P4C188-25DMB	5962-8969202YA	P4C1981-25FMB	5962-9059403YA	P4C198-25FMB	5962-8989202KA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
P4C198-25L1MB	5962-8989202YA	P4C198AL-70DMB	5962-8685904LA	CLC425A/BPA	5962-9325901MPA
P4C198-25LMB	5962-8989202XA	P4C198AL-70LMB	5962-8685904XA	4250 (GEN)	7703901GA
P4C198A-25DMB	5962-8989102LA	P4C198L-70CMB	5962-8685911LA	4250 (GEN)	7703901HA
P4C198A-25LMB	5962-8989102XA	P4C198L-70FSMB	5962-8685911KA	4250 (GEN)	7703901PA
P4C198AL-25DMB	5962-8989101LA	P4C198L-70LMB	5962-8685911UA	GEM42503Q2A	5962-9690303Q2A
P4C198AL-25LMB	5962-8989101XA	P4C198L-70LMB	5962-8685911XA	GEM42503Q2C	5962-9690303Q2C
P4C198L-25DMB	5962-8989201LA	P4C198A-85DMB	5962-8685901LA	GEM42503QCA	5962-9690303QCA
P4C198L-25FMB	5962-8989201KA	P4C198A-85LMB	5962-8685901XA	GEM42503QCC	5962-9690303QCC
P4C198L-25L1MB	5962-8989201YA	P4C198AL-85DMB	5962-8685902LA	4256-12 (GEN)	8515203EA
P4C198L-25LMB	5962-8989201XA	P4C198AL-85LMB	5962-8685902XA	4256-12 (GEN)	8515203YA
P4C198-35CMB	5962-8685918LA	OP42A (GEN)	5962-8851301V2A	4256-15 (GEN)	8515201EA
P4C19835-FSMB	5962-8685918KA	OP42AJ/883	5962-8851301GA	4256-15 (GEN)	8515201YA
P4C198-35LMB	5962-8685918UA	OP42AJ/QMLV	5962-8851301VGA	4256-20 (GEN)	8515202EA
P4C198-35LMB	5962-8685918XA	OP42ARC/883	5962-88513012A	4256-20 (GEN)	8515202YA
P4C198A-35CMB	5962-8685909LA	OP42AZ/883	5962-8851301PA	CLC426A (GEN)	5962-9459701MPA
P4C198A-35LMB	5962-8685909XA	OP42AZ/QMLV	5962-8851301VPA	TSC426 (GEN)	5962-88503012C
P4C198AL-35CMB	5962-8685910LA	OP42BL/883	5962-8851302HA	TSC426MJA/883B	5962-8850301PA
P4C198AL-35LMB	5962-8685910XA	CLC420A (GEN)	5962F9175801MPA	4264-15 (GEN)	8201004EA
P4C198L-35CMB	5962-8685917LA	CLC420A (GEN)	5962F9175801MXA	4264-15 (GEN)	8201004ZA
P4C198L35-FSMB	5962-8685917KA	CLC420A/B2A	5962-9175801M2A	4264-20 (GEN)	8201005EA
P4C198L-35LMB	5962-8685917UA	CLC420A/BPA	5962-9175801MPA	4264-20 (GEN)	8201005ZA
P4C198L-35LMB	5962-8685917XA	CLC420A/BXA	5962-9175801MXA	TSC427MJA/883B	5962-8850302PA
P4C198-45CMB	5962-8685916LA	CLC420B (GEN)	5962-9175802M2A	TSC427MNP/883B	5962-88503022C
P4C198-45FSMB	5962-8685916KA	CLC420B (GEN)	5962-9175802MPA	OPA4277-RHA	5962L1620901VXA
P4C198-45LMB	5962-8685916UA	MSK 4200B	5962-9762802HXC	OPA4277-RHA	5962L1620901VYC
P4C198-45LMB	5962-8685916XA	MSK 4201B	5962-9762902HXC	OPA4277-RHAKGD	5962L1620901V9A
P4C198A-45CMB	5962-8685907LA	OP421B (GEN)	5962-8855901CA	CLC428A/BPA	5962-9470801MPA
P4C198A-45LMB	5962-8685907XA	OP421C (GEN)	5962-8855902CA	TSC428 (GEN)	5962-88503032C
P4C198AL-45CMB	5962-8685908LA	42106	5962-8762001XA	TSC428MJA/883B	5962-8850303PA
P4C198AL-45LMB	5962-8685908XA	42106	5962-8762001XC	MIC429 (GEN)	5962-8877001HA
P4C198L-45CMB	5962-8685915LA	42106-1	5962-8762002XA	MIC429 (GEN)	5962-8877001PA
P4C198L-45FSMB	5962-8685915KA	42106-1	5962-8762002XC	TSC429 (GEN)	5962-88770012A
P4C198L-45LMB	5962-8685915UA	MIOP42109/883	5962-9065901HXA	OP43A (GEN)	5962-9763701VGA
P4C198L-45LMB	5962-8685915XA	MIOP42109/883	5962-9065901HXC	REF43AL/QMLL	5962L9060304VHA
P4C198-55CMB	5962-8685914LA	MIOP42115/883	5962-9082801HXA	REF43AL/QMLR	5962R9060303VHA
P4C198-55FSMB	5962-8685914KA	MIOP42115/883	5962-9082801HXC	REF43AZ/QMLR	5962R9060302VPA
P4C198-55LMB	5962-8685914UA	CLC422 (GEN)	5962-9166601MPA	REF43B (GEN)	5962-90603012A
P4C198-55LMB	5962-8685914XA	A42MX36-CQ208B	5962-9958501QYC	REF43B (GEN)	5962-9060301GA
P4C198A-55CMB	5962-8685905LA	A42MX36-CQ256B	5962-9958501QXC	REF43B (GEN)	5962-9060301PA
P4C198A-55LMB	5962-8685905XA	A42MX36-DIE	5962-9958501Q9A	RHF43BDIE2V	5962F0623701V9A
P4C198AL-55CMB	5962-8685906LA	A42MX36-1CQ208B	5962-9958502QYC	RHF43BK-01Q	5962F0623701QXC
P4C198AL-55LMB	5962-8685906XA	A42MX36-1CQ256B	5962-9958502QXC	RHF43BK-01V	5962F0623701VXC
P4C198L-55CMB	5962-8685913LA	MT42C4256C-10/883C	5962-8949704MXA	RHF43BK-02Q	5962F0623701QXA
P4C198L-55FSMB	5962-8685913KA	MT42C4256CZ-10/883C	5962-8949704MMA	RHF43BK-02V	5962F0623701VXA
P4C198L-55LMB	5962-8685913UA	MT42C4256DCJ-10/883	5962-8949704MTA	CLC430 (GEN)	5962-9203001M2A
P4C198L-55LMB	5962-8685913XA	MT42C4256EC-10/883	5962-8949704MZA	CLC430 (GEN)	5962-9203001MPA
P4C198-70CMB	5962-8685912LA	MT42C4256F-10/883C	5962-8949704MUA	CLC430 (GEN)	5962-9203001MXA
P4C198-70FSMB	5962-8685912KA	MT42C4256C-12/883C	5962-8949703MXA	GEM43001QRA	8200701RA
P4C198-70LMB	5962-8685912UA	MT42C4256CZ-12/883C	5962-8949703MMA	GEM43001QRC	8200701RC
P4C198-70LMB	5962-8685912XA	MT42C4256DCJ-12/883	5962-8949703MTA	GEM43002QRA	8200702RA
P4C198A-70DMB	5962-8685903LA	MT42C4256EC-12/883	5962-8949703MZA	GEM43002QRC	8200702RC
P4C198A-70LMB	5962-8685903XA	MT42C4256F-12/883C	5962-8949703MUA	GEM43003QRA	8200703RA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
GEM43003QRC	8200703RC	MT4C4001JC-10	5962-9084702MUA	DG441A (GEN)	5962-9204101M2A
THS4304M	5962-0721901VHA	MT4C4001JCN-10	5962-9084702MRA	DG441AK/883B	5962-9204101MEA
CLC431A/B2A	5962-9472501M2A	MT4C4001-12 (GEN)	5962-9084701MMA	TL441AM (GEN)	5962-9176301M2A
CLC431A/BCA	5962-9472501MCA	MT4C4001-12 (GEN)	5962-9084701MNA	TL441AM (GEN)	5962-9176301MEA
TL431 (GEN)	84109012A	MT4C4001-12 (GEN)	5962-9084701MYA	TL441AMJB	5962-9176301QEA
TL431 (GEN)	8410901PA	MT4C4001JC-12	5962-9084701MUA	44100-10HR (GEN)	5962-9062202MXA
43168-22 (GEN)	5962-9750403MXA	MT4C4001JCN-12	5962-9084701MRA	44100-12HR (GEN)	5962-9062201MXA
43168-30 (GEN)	5962-9750402MXA	MT4C4001JECN-12	5962-9084701MTA	44100-80HR (GEN)	5962-9062203MXA
43168-39 (GEN)	5962-9750401MXA	MT4C4001-8 (GEN)	5962-9084703MMA	ARX4418	5962-9208503HXA
CLC432A/B2A	5962-9472502M2A	MT4C4001-8 (GEN)	5962-9084703MNA	ARX4418	5962-9208503HXC
CLC432A/BPA	5962-9472502MPA	MT4C4001-8 (GEN)	5962-9084703MYA	ARX4418FP	5962-9208503HYA
UHC432/883	5962-8960401DA	MT4C4001JC-8	5962-9084703MUA	ARX4418FP	5962-9208503HYC
UHD432/883	5962-8960401CA	MT4C4001JCN-8	5962-9084703MRA	DG442AK/883B	5962-9204102MEA
UHC432-1/883	5962-8960402DA	MT4C4001JECN-8	5962-9084703MTA	DG442AZ/883B	5962-9204102M2C
UHD432-1/883	5962-8960402CA	ACT4402-001-1	5962-8604909UC	LF442MH/883	5962-9763301QGA
4344 (GEN)	5962-8780301AA	ACT4402-001-2	5962-8604909UA	MAX4420MJA/883B	5962-8877003PA
ML4344/BCA	5962-8780301CA	ACT4404N-001-1	5962-8959208XC	MAX4420MLP/883B	5962-88770032C
ML4344/BDA	5962-8780301DA	ARX4404N-001-1	5962-9174911HXC	MIC4420 (GEN)	5962-8877003HA
GEM43601Q3A	5962-89731013A	ACT4404N-001-2	5962-8959208XA	MIC4420AJBQ	5962-8877003PA
GEM43601Q3C	5962-89731013C	ARX4404N-001-2	5962-9174911HXA	MIC44R21 (GEN)	5962-8877006HA
GEM43601QKA	5962-8973101KA	ACT4404N-201-1	5962-8959208YC	MIC44R21 (GEN)	5962-8877006PA
GEM43601QKC	5962-8973101KC	ARX4404N-201-1	5962-9174911HYC	MIC44R22 (GEN)	5962-8877007PA
GEM43601QLA	5962-8973101LA	ACT4404N-201-2	5962-8959208YA	P4C422-15DMB	5962-8859401WA
GEM43601QLC	5962-8973101LC	ARX4404N-201-2	5962-9174911HYA	P4C422-15FMB	5962-8859401KA
GEM43602Q3A	5962-89731023A	ACT4406N-001-1	5962-8959207XC	P4C422-15LMB	5962-8859401XA
GEM43602Q3C	5962-89731023C	ACT4406N-001-2	5962-8959207XA	P4C422-25FMB	5962-8859403KA
GEM43602QKA	5962-8973102KA	ACT4406N-201-1	5962-8959207YC	P4C422-25LMB	5962-8859403XA
GEM43602QKC	5962-8973102KC	ACT4406N-201-2	5962-8959207YA	P4C422-35DMB	5962-8859402WA
GEM43602QLA	5962-8973102LA	4C4067-10 (GEN)	5962-9213201MVA	P4C422-25DMB	5962-8859403WA
GEM43602QLC	5962-8973102LC	4C4067-10 (GEN)	5962-9213201MXA	P4C422-35FMB	5962-8859402KA
MSK437B	5962-8981301GC	4C4067-10 (GEN)	5962-9213201MYA	P4C422-35LMB	5962-8859402XA
MSK437B (GEN)	5962-8981301GA	4C4067-10 (GEN)	5962-9213204MVA	HS0-4423BEH-Q	5962F9951104V9A
MSK438B	5962-8981302GC	4C4067-10 (GEN)	5962-9213204MXA	HS0-4423BRH-Q	5962F9951102V9A
L4C381-25 (GEN)	5962-8995903YA	4C4067-10 (GEN)	5962-9213204MYA	HS0-4423EH-Q	5962F9951103V9A
L4C381-25 (GEN)	5962-8995903ZA	4C4067-12 (GEN)	5962-9213202MVA	HS0-4423RH-Q	5962F9951101V9A
L4C381-30 (GEN)	5962-8995902YA	4C4067-12 (GEN)	5962-9213202MXA	HS-4423 (GEN)	5962R9951101TXC
L4C381-30 (GEN)	5962-8995902ZA	4C4067-12 (GEN)	5962-9213202MYA	HS-4423B (GEN)	5962R9951102TXC
L4C381-45 (GEN)	5962-8995901XA	4C4067-12 (GEN)	5962-9213205MVA	HS9-4423BEH-Q	5962F9951104VXC
L4C381-45 (GEN)	5962-8995901YA	4C4067-12 (GEN)	5962-9213205MXA	HS9-4423BRH-8	5962F9951102QXC
L4C381-45 (GEN)	5962-8995901ZC	4C4067-12 (GEN)	5962-9213205MYA	HS9-4423BRH-Q	5962F9951102VXC
43891GM-20 (GEN)	5962-9209701MXC	4C4067-15 (GEN)	5962-9213203MVA	HS9-4423EH-Q	5962F9951103VXC
43891GM-20 (GEN)	5962-9209701MYA	4C4067-15 (GEN)	5962-9213203MXA	HS9-4423RH-8	5962F9951101QXC
43891GM-25 (GEN)	5962-9209702MXC	4C4067-15 (GEN)	5962-9213203MYA	HS9-4423RH-Q	5962F9951101VXC
GEM43901QEA	5962-8775101MEA	4C4067-15 (GEN)	5962-9213206MVA	MIC4423 (GEN)	5962-8850304PA
GEM43901QEC	5962-8775101MEC	4C4067-15 (GEN)	5962-9213206MXA	RHRPM4423D2V	5962R9951105V9A
43981GM-25 (GEN)	5962-9209702MYA	4C4067-15 (GEN)	5962-9213206MYA	RHRPM4423K01V	5962R9951105VYC
OP44A (GEN)	5962-89804012A	NHI-1514 (GEN)	5962-9174908HTA	RHRPM4423K02V	5962R9951105VYA
OP44A (GEN)	5962-8980401GA	ARX4407N-001-1	5962-9174910HXC	RHRPM4423LK01V	5962R9951105VZC
OP44A (GEN)	5962-8980401PA	ARX4407N-001-2	5962-9174910HXA	RHRPM4423LK02V	5962R9951105VZA
MT4C4001-10 (GEN)	5962-9084702MMA	ARX4407N-201-1	5962-9174910HYC	TSC4423 (GEN)	5962-88503042A
MT4C4001-10 (GEN)	5962-9084702MNA	ARX4407N-201-2	5962-9174910HYA	HS0-4424BEH-Q	5962F9956004V9A
MT4C4001-10 (GEN)	5962-9084702MYA	CLC440A (GEN)	5962-9751801MPA	HS0-4424BRH-Q	5962F9956002V9A

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
HS0-4424DEH-Q	5962F9956006V9A	4C4256-15	5962-9061706MNA	MIC4451 (GEN)	5962-8877004HA
HS0-4424DRH-Q	5962F9956005V9A	4C4256-15	5962-9061706MRA	MIC4451 (GEN)	5962-8877004PA
HS0-4424EH-Q	5962F9956003V9A	4C4256-15	5962-9061706MYA	MIC4452 (GEN)	5962-8877005HA
HS0-4424RH-Q	5962F9956001V9A	MT4C4256 (GEN)	5962-9061701MNA	MIC4452 (GEN)	5962-8877005PA
HS9-4424BEH-Q	5962F9956004VXC	MT4C4256 (GEN)	5962-9061701MTA	ACT4453-001-1	5962-8952212XC
HS9-4424BRH-8	5962F9956002QXC	SMJ44C256-15FQM	5962-9061701MYA	4453-001-2 (GEN)	5962-8952212KXA
HS9-4424BRH-Q	5962F9956002VXC	SMJ44C256-15HJM	5962-9061701MXA	ACT4453-001-2	5962-8952212XA
HS9-4424BRH-T	5962R9956002TXC	SMJ44C256-15HKM	5962-9061701MUA	ACT4453-001-4	5962-8952211XC
HS9-4424DEH-Q	5962F9956006VXC	SMJ44C256-15JDM	5962-9061701MRA	4453-001-5 (GEN)	5962-8952211KXA
HS9-4424DRH-Q	5962F9956005VXC	AS4C4256C-70883C	5962-9061710MRA	ACT4453-001-5	5962-8952211XA
HS9-4424EH-Q	5962F9956003VXC	AS4C4256EC-70883C	5962-9061710MYA	ACT4453-201-1	5962-8952212YC
HS9-4424RH-8	5962F9956001QXC	AS4C4256F-70883C	5962-9061710MNA	4453-201-2 (GEN)	5962-8952212KYA
HS9-4424RH-Q	5962F9956001VXC	MT4C4256 (GEN)	5962-9061705MNA	ACT4453-201-2	5962-8952212YA
HS9-4424RH-T	5962R9956001TXC	MT4C4256 (GEN)	5962-9061705MTA	ACT4453-201-4	5962-8952211YC
MYX6M4424C8	5962-8850305PA	SJM44C256-70HKM	5962-9061705MUA	4453-201-5 (GEN)	5962-8952211KYA
RHRPM4424D2V	5962R9956007V9A	SMJ44C256-70FQM	5962-9061705MYA	ACT4453-201-5	5962-8952211YA
RHRPM4424K01V	5962R9956007VYC	SMJ44C256-70HJM	5962-9061705MXA	ACT4454-201-1	5962-9206110HZC
RHRPM4424K02V	5962R9956007VYA	SMJ44C256-70JDM	5962-9061705MRA	ACT4454-201-2	5962-9206110HZA
RHRPM4424LK01V	5962R9956007VZC	44C256-80 (GEN)	5962-9061704MZA	ACT4455	5962-9674101H3A
RHRPM4424LK02V	5962R9956007VZA	AS4C4256C-80/883C	5962-9061709MRA	ACT4455	5962-9674101H3C
TSC4424 (GEN)	5962-88503052A	AS4C4256EC-80/883C	5962-9061709MYA	ACT4458-201-1	5962-9206107HZC
MIC4425 (GEN)	5962-8850306HA	AS4C4256F-80/883C	5962-9061709MNA	ACT4458-201-2	5962-9206107HZA
MIC4425 (GEN)	5962-8850306PA	SJM44C256-80HJM	5962-9061704MXA	ACT4459	5962-9674102H3A
TSC4425 (GEN)	5962-88503062A	SJM44C256-80HKM	5962-9061704MUA	ACT4459	5962-9674102H3C
SMJ44C251B-10HJM	5962-8949704MYA	SMJ44C256-80FQM	5962-9061704MYA	ACT4460-201-1	5962-9206109HZC
SMJ44C251B-10HMM	5962-8949704MZA	SMJ44C256-80JDM	5962-9061704MRA	ACT4460-201-2	5962-9206109HZA
SMJ44C251B-10JDM	5962-8949704MXA	MIC4426AJBQ	5962-8850307PA	4461 (GEN)	5962-8956001XA
SMJ44C251B-10SVM	5962-8949704MMA	TSC4426 (GEN)	5962-88503072A	ACT4464-201-1	5962-9206108HZC
SMJ44C251B-12HJM	5962-8949703MYA	MIC4427 (GEN)	5962-8850308HA	ACT4464-201-2	5962-9206108HZA
SMJ44C251B-12HMM	5962-8949703MZA	MIC4427AJBQ	5962-8850308PA	MIC4467 (GEN)	5962-9459401MCA
SMJ44C251B-12JDM	5962-8949703MXA	TSC4427 (GEN)	5962-88503082A	CLC446A (GEN)	5962-9751901MPA
SMJ44C251B-12SVM	5962-8949703MMA	MIC4428AJBQ	5962-8850309PA	MIC4468 (GEN)	5962-9459402MCA
MT4C4256 (GEN)	5962-9061704MNA	TSC4428 (GEN)	5962-88503092A	MYX6M4469C14	5962-9459403MCA
MT4C4256 (GEN)	5962-9061704MTA	MAX4429 (GEN)	5962-88770022C	DRS4485-201-1S	5962-0922601KXC
4C4256-10	5962-9061708MNA	MAX4429MJA/883B	5962-8877002PA	DRS4485-201-2S	5962-0922601KXA
4C4256-10	5962-9061708MRA	MIC4429 (GEN)	5962-8877002HA	DRS4485-901-1S	5962R0922601KXC
4C4256-10	5962-9061708MYA	ACT4436-DFI	5962-8944708HZA	DRS4485-901-2S	5962R0922601KXA
MT4C4256 (GEN)	5962-9061703MNA	ACT4436-DFI	5962-8944708HZA	ACT4487-D	5962-8757910XA
MT4C4256 (GEN)	5962-9061703MTA	ACT4436-DI	5962-8944708HUA	ACT4487-D	5962-8757910XC
SMJ44C256-10FQM	5962-9061703MYA	ACT4436-DI	5962-8944708HUC	ACT4487-DF	5962-8757910YA
SMJ44C256-10HJM	5962-9061703MXA	MT4C4001JECN-10	5962-9084702MTA	ACT4487-DF	5962-8757910YC
SMJ44C256-10HKM	5962-9061703MUA	SMJ44400-10HRM	5962-9084702MXA	ACT4487-DFI	5962-8944708HYA
SMJ44C256-10JDM	5962-9061703MRA	SMJ44400-10JDM	5962-9084702MUA	ACT4487-DFI	5962-8944708HYC
4C4256-12	5962-9061707MNA	SMJ44400-12HRM	5962-9084701MXA	ACT4487-DI	5962-8944708HXA
4C4256-12	5962-9061707MRA	SMJ44400-12JDM	5962-9084701MUA	ACT4487-DI	5962-8944708HXC
4C4256-12	5962-9061707MYA	SMJ44400-80HRM	5962-9084703MXA	ACT4487-DI-002-1	5962-8944706HXC
MT4C4256 (GEN)	5962-9061702MNA	SMJ44400-80JDM	5962-9084703MUA	ACT4487-DI-002-2	5962-8944706HXA
MT4C4256 (GEN)	5962-9061702MTA	EF4442 (GEN)	5962-9071901MXA	CLC449A/BPA	5962-9752001MPA
SMJ44C256-12FQM	5962-9061702MYA	ARX4451	5962-9208502HXA	UT450 (GEN)	5962R96B0221Q*C
SMJ44C256-12HJM	5962-9061702MXA	ARX4451	5962-9208502HXC	UT450 (GEN)	5962R96B0221V*C
SMJ44C256-12HKM	5962-9061702MUA	ARX4451FP	5962-9208502HYA	VGC450 (GEN)	5962-94B0406MXA
SMJ44C256-12JDM	5962-9061702MRA	ARX4451FP	5962-9208502HYC	VGC450 (GEN)	5962-94B0407MMA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
VGC450 (GEN)	5962-94B0407MXA	4504B (GEN)	5962R9666501VEC	4520B (GEN)	5962R9666902VXC
VGC450 (GEN)	5962-94B0408MMA	4504B (GEN)	5962R9666501VXC	4520B (GEN)	7702301FA
VGC450 (GEN)	5962-94B0408MYA	4508B (GEN)	5962R9668001V9A	4520BN (GEN)	5962R9666903V9A
VGC450 (GEN)	5962-94B0409MYA	4508B (GEN)	5962R9668001VLC	4520BN (GEN)	5962R9666903VEC
VGC450 (GEN)	5962-94B0410MXA	4508B (GEN)	5962R9668001VXC	4520BN (GEN)	5962R9666903VXC
VGC450 (GEN)	5962-94B0410MYA	4508BN (GEN)	5962R9668002V9A	CD4520BF3A	7702301EA
VGC450 (GEN)	5962-94B0411MXA	4508BN (GEN)	5962R9668002VLC	GEM45201QRA	8413201RA
VGC450 (GEN)	5962-94B0411MYA	4508BN (GEN)	5962R9668002VXC	GEM45201QRC	8413201RC
VGC450 (GEN)	5962-94B0411MZA	4510B (GEN)	5962R9665701V9A	GEM45203QRA	8413203RA
VGC450 (GEN)	5962-94B0412MMA	4510B (GEN)	5962R9665701VEC	GEM45203QRC	8413203RC
VGC450 (GEN)	5962-94B0412MYA	4510B (GEN)	5962R9665701VXC	4527B (GEN)	5962R9667001V9A
VGC450 (GEN)	5962-94B0412MZA	4511B (GEN)	5962R9666601V9A	4527B (GEN)	5962R9667001VEC
VGC450 (GEN)	5962-94B0413M9C	CD4511BDMSR	5962R9666601VEC	4527B (GEN)	5962R9667001VXC
VGC450 (GEN)	5962-94B0413MMA	CD4511BKMSR	5962R9666601VXC	4528B (GEN)	7704501EA
VGC450 (GEN)	5962-94B0413MNC	THS4511M	5962-0722201VFA	4528B (GEN)	7704501FA
VGC450 (GEN)	5962-94B0413MTA	4512B (GEN)	5962R9666701V9A	4528B (GEN)	7704502EA
VGC450 (GEN)	5962-94B0413MYA	4512BN (GEN)	5962R9666702V9A	CLC452A (GEN)	5962-9752101MPA
VGC450 (GEN)	5962-94B0414M9C	CD4512B (GEN)	5962R9666701VEC	MAX453 (GEN)	5962-9451201MPA
VGC450 (GEN)	5962-94B0414MTA	CD4512B (GEN)	5962R9666701VXC	MAX453MLP/883B	5962-9451201M2C
VGC450 (GEN)	5962-94B0414MXA	CD4512BDNSR	5962R9666702VEC	VGC453 (GEN)	5962-94B0422MXA
VGC450 (GEN)	5962-94B0414MYA	CD4512BKNSR	5962R9666702VXC	VGC453 (GEN)	5962-94B0423MMA
VGC450 (GEN)	5962-94B0414MZA	THS4513M	5962-0722301VFA	VGC453 (GEN)	5962-94B0423MXA
VGC450 (GEN)	5962-94B0415MUC	4514B (GEN)	5962R9668101V9A	VGC453 (GEN)	5962-94B0424MMA
VGC450 (GEN)	5962-94B0416MTA	4514B (GEN)	5962R9668101VJC	VGC453 (GEN)	5962-94B0424MYA
VGC450 (GEN)	5962-94B0416MUC	4514B (GEN)	5962R9668101VXC	VGC453 (GEN)	5962-94B0425MYA
VGC450 (GEN)	5962-94B0416MXA	4514B (GEN)	7703501ZA	VGC453 (GEN)	5962-94B0426MXA
VGC450 (GEN)	5962-94B0416MYA	4514BN (GEN)	5962R9668103VJC	VGC453 (GEN)	5962-94B0426MYA
VGC450 (GEN)	5962-94B0416MZA	4514BN (GEN)	5962R9668103VXC	VGC453 (GEN)	5962-94B0427MXA
4502B (GEN)	5962R9661601V9A	CD54HC4514F3A	5962-9865501QJA	VGC453 (GEN)	5962-94B0427MYA
4502B (GEN)	5962R9661601VCC	4515B (GEN)	5962R9668102V9A	VGC453 (GEN)	5962-94B0427MZA
4502B (GEN)	5962R9661601VXC	4515B (GEN)	5962R9668102VJC	VGC453 (GEN)	5962-94B0428MMA
4502B (GEN)	7702001EA	4515B (GEN)	5962R9668102VXC	VGC453 (GEN)	5962-94B0428MYA
4502B (GEN)	7702001FA	4515B (GEN)	7703201ZA	VGC453 (GEN)	5962-94B0428MZA
4502BN (GEN)	5962R9661602V9A	4515BN (GEN)	5962R9668104VJC	VGC453 (GEN)	5962-94B0429M9C
4502BN (GEN)	5962R9661602VCC	4515BN (GEN)	5962R9668104VXC	VGC453 (GEN)	5962-94B0429MMA
4502BN (GEN)	5962R9661602VXC	CD4515BF3A	7703201JA	VGC453 (GEN)	5962-94B0429MNC
CD4502BF3A	7702002EA	4516B (GEN)	5962R9665702V9A	VGC453 (GEN)	5962-94B0429MTA
TLC4502AM (GEN)	5962-9753702Q2A	4516B (GEN)	5962R9665702VEC	VGC453 (GEN)	5962-94B0429MYA
TLC4502AMJGB	5962-9753702QPA	4516B (GEN)	5962R9665702VXC	VGC453 (GEN)	5962-94B0430M9C
TLC4502AMUB	5962-9753702QHA	4516BN (GEN)	5962R9665703V9A	VGC453 (GEN)	5962-94B0430MTA
TLC4502M (GEN)	5962-9753701Q2A	4516BN (GEN)	5962R9665703VEC	VGC453 (GEN)	5962-94B0430MXA
TLC4502M (GEN)	5962-9753701QHA	4516BN (GEN)	5962R9665703VXC	VGC453 (GEN)	5962-94B0430MYA
TLC4502MJGB	5962-9753701QPA	4517B (GEN)	5962R9666801V9A	VGC453 (GEN)	5962-94B0430MZA
4503B (GEN)	5962R9664301V9A	4517B (GEN)	5962R9666801VEC	VGC453 (GEN)	5962-94B0431MUC
4503BN (GEN)	5962R9664302V9A	4517B (GEN)	5962R9666801VXC	VGC453 (GEN)	5962-94B0432MTA
4503BN (GEN)	5962R9664302VEC	4518B (GEN)	5962R9666901V9A	VGC453 (GEN)	5962-94B0432MUC
CD4503BDMSR	5962R9664301VEC	4518B (GEN)	5962R9666901VEC	VGC453 (GEN)	5962-94B0432MXA
CD4503BKMSR	5962R9664301VXC	4518B (GEN)	5962R9666901VXC	VGC453 (GEN)	5962-94B0432MYA
CD4503BN (GEN)	5962R9664302VXC	MAX452 (GEN)	5962-9451203MPA	VGC453 (GEN)	5962-94B0432MZA
4504B (GEN)	5962R9666501TEC	MAX452MLP/883B	5962-9451203M2C	4532B (GEN)	5962R9667101V9A
4504B (GEN)	5962R9666501TXC	4520B (GEN)	5962R9666902V9A	4532B (GEN)	5962R9667101VEC
4504B (GEN)	5962R9666501V9A	4520B (GEN)	5962R9666902VEC	4532B (GEN)	5962R9667101VXC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
4532BN (GEN)	5962R9667102V9A	HS9-OP470AEH-Q	5962R9853302VXC	48908-37 (GEN)	5962-9300702MYA
4532BN (GEN)	5962R9667102VEC	HS-OP470A (GEN)	5962R9853301QXC	48908-50 (GEN)	5962-9300701MYA
4532BN (GEN)	5962R9667102VXC	HS-OP470A (GEN)	5962R9853301V9A	FXPC-49F (GEN)	5962-9202601QZC
4536B (GEN)	5962R9667201V9A	HS-OP470A (GEN)	5962R9853301VXC	FXPC-49F (GEN)	5962-9202601VZC
4536B (GEN)	5962R9667201VEC	OP470A (GEN)	5962-88565013A	OP490A (GEN)	5962-89670013A
4536B (GEN)	5962R9667201VXC	OP470A (GEN)	5962-8856501VCA	OP490A (GEN)	5962-8967001CA
MAX454 (GEN)	5962-9451204MCA	OP470A (GEN)	5962-8856501VKA	HA1-4902/883	5962-8686001EA
MAX454MLP/883B	5962-9451204M2C	OP470AARC/QMLV	5962-8856501V2A	HA4-4902/883	5962-86860012A
4N55/883B	5962-8767901EC	OP470AN/QMLR	5962R8856501VKA	RHFL4913KPA-01Q	5962F0252401QXC
4N55/883B#100	5962-8767901UA	OP470ARC/883C	5962-88565012A	RHFL4913KPA-01V	5962F0252401VXC
4N55/883B#100	5962-8767901UC	OP470ARC/QMLR	5962R8856501V2A	L4913ADIE2V	5962F0252401V9A
4N55/883B#200	5962-8767901EA	OP470AY/883C	5962-8856501CA	RHFL4913KPA-02Q	5962F0252401QXA
4N55/883B#300	5962-8767901TA	OP470AY/QMLL	5962L8856503VCA	RHFL4913KPA-02V	5962F0252401VXA
MAX455 (GEN)	5962-9451202MRA	OP470AY/QMLR	5962R8856501VCA	RH-L4913-ADJ	5962F0252402VYA
MAX455MLP/883B	5962-9451202M2C	HD-4702 (GEN)	5962-9051801MEA	RH-L4913-ADJ	5962F0252402VZA
4555B (GEN)	5962R9667301V9A	OP471A (GEN)	5962-8856502V2A	RHFL4913SCA-07V	5962F0252403VUC
4555BN (GEN)	5962R9667303V9A	OP471A (GEN)	5962-8856502VCA	RHFL4913KP15-01Q	5962F1521501QXC
4555BN (GEN)	5962R9667303VEC	OP471A (GEN)	5962-8856502VDA	RHFL4913KP15-01V	5962F1521501VXC
4555BN (GEN)	5962R9667303VXC	OP471A (GEN)	5962-8856502VKA	RHFL4913KP15-02Q	5962F1521501QXA
CD4555BDMSR	5962R9667301VEC	OP471A (GEN)	5962R8856502V2A	RHFL4913KP15-02V	5962F1521501VXA
CD4555BF3A	7704701EA	OP471AM/QMLL	5962L8856504VDA	RHFL4913S15-03Q	5962F1521502QYC
CD4555BKMSR	5962R9667301VXC	OP471AM/QMLR	5962R8856502VDA	RHFL4913S15-03V	5962F1521502VYC
4556B (GEN)	5962R9667302V9A	OP471AN/QMLR	5962R8856502VKA	RHFL4913S15-04Q	5962F1521502QYA
4556B (GEN)	5962R9667302VEC	OP471ARC/883C	5962-88565022A	RHFL4913S15-04V	5962F1521502VYA
4556B (GEN)	5962R9667302VXC	OP471ATC/883C	5962-88565023A	RHFL4913ESY1505Q	5962F1521502QZC
4556B (GEN)	7704801FA	OP471AY/883C	5962-8856502CA	RHFL4913ESY1505V	5962F1521502VZC
4556BN (GEN)	5962R9667304VEC	OP471AY/QMLR	5962R8856502VCA	RHFL4913ESY1506Q	5962F1521502QZA
4556BN (GEN)	5962R9667304VXC	4724B (GEN)	5962R9667501V9A	RHFL4913ESY1506V	5962F1521502VZA
CD4556BF3A	7704801EA	4724B (GEN)	5962R9667501VEC	L491315DIE2V	5962F1521502V9A
4557B (GEN)	7901601EA	4724B (GEN)	5962R9667501VXC	RHFL4913KP25-01Q	5962F0253401QXC
4557B (GEN)	7901601FA	HA-4741 (GEN)	5962-9864501QCA	RHFL4913KP25-01V	5962F0253401VXC
4564-82 (GEN)	8201001EA	476-0368-041	5962-0053701DXC	RHFL4913KP25-02Q	5962F0253401QXA
4564-82 (GEN)	8201002EA	ARX4810 (GEN)	5962-9550501HXA	RHFL4913KP25-02V	5962F0253401VXA
4564-83 (GEN)	8201003EA	ARX4810 (GEN)	5962-9550501HYA	RHFL4913S25-03Q	5962F0253402QYC
TLC34058-110 (GEN)	5962-8992801XA	OP482A (GEN)	5962-9458101M2A	RHFL4913S25-03V	5962F0253402VYC
4585B (GEN)	5962R9667401V9A	OP482A (GEN)	5962-9458101MCA	RHFL4913S25-04Q	5962F0253402QYA
4585B (GEN)	5962R9667401VEC	OP484AM/QMLL	5962L0051702VDA	RHFL4913S25-04V	5962F0253402VYA
4585B (GEN)	5962R9667401VXC	OP484AM/QMLR	5962R0051701VDA	RHFL4913ESY2505Q	5962F0253402QZC
4585B (GEN)	7703702FA	OP484AM/QMLV	5962-0051701VDA	RHFL4913ESY2505V	5962F0253402VZC
CD4585BF3A	7703702EA	OP484AY/QMLR	5962R0051701VCA	RHFL4913ESY2506Q	5962F0253402QZA
TMP461-RHA	5962R1721801VXC	OP484AY/QMLV	5962-0051701VCA	RHFL4913ESY2506V	5962F0253402VZA
TMP461-SP	5962-1721801VXC	RHF484DIE2V	5962F0822201V9A	L491325DIE2V	5962F0253402V9A
ADA4610-2BF/QMLL	5962L1420702VXA	RHF484K01V	5962F0822201VXC	RHFL4913KP30-01V	5962F0320101VXC
ADA4610-2BF/QMLR	5962R1420701VXA	48410-25 (GEN)	5962-9457301MXC	RHFL4913KP30-02V	5962F0320101VXA
OP467A (GEN)	5962-9325801VCA	48410-30 (GEN)	5962-9457302MYA	RHFL4913S30-03V	5962F0320102VYC
OP467AM/QMLR	5962R9325801VDA	48410-33 (GEN)	5962-9457302MXC	RHFL4913S30-04V	5962F0320102VYA
OP467ARC/883	5962-9325801M2A	48410-39 (GEN)	5962-9457301MYA	RHFL4913ESY3005V	5962F0320102VZC
OP467ARC/QMLV	5962-9325801V2A	LTC485 (GEN)	5962-9208001MPA	RHFL4913ESY3006V	5962F0320102VZA
OP467AY/883	5962-9325801MCA	48908-20 (GEN)	5962-9300701MXC	RHFL4913S30-07V	5962F0320102VUC
OP467AY/QMLR	5962R9325801VCA	48908-25 (GEN)	5962-9300703MXA	RHFL4913S30-08V	5962F0320102VUA
D469AA (GEN)	5962-9098301MCA	48908-25 (GEN)	5962-9300703MYA	RHFL4913KP33-01Q	5962F0253501QXC
HSO-OP470AEH-Q	5962R9853302V9A	48908-37 (GEN)	5962-9300702MXA	RHFL4913KP33-01V	5962F0253501VXC



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
RHFL4913KP33-02Q	5962F0253501QXA	OP497B (GEN)	5962-9452101MCA	AFL5005DX/CH	5962-0256301HXA
RHFL4913KP33-02V	5962F0253501VXA	OP497BRC/883B	5962-9452101M2A	AFL5005DX/CH	5962-0256301HXC
RHFL4913S33-03Q	5962F0253502QYC	49FCT805 (GEN)	5962-9215701M2A	AFL5005DY/CH	5962-0256301HYA
RHFL4913S33-03V	5962F0253502VYC	49FCT805 (GEN)	5962-9215701MRA	AFL5005DY/CH	5962-0256301HYC
RHFL4913S33-04Q	5962F0253502QYA	49FCT805 (GEN)	5962-9215701MSA	AFL5005DZ/CH	5962-0256301HZA
RHFL4913S33-04V	5962F0253502VYA	49FCT805A (GEN)	5962-9215702M2A	AFL5005DZ/CH	5962-0256301HZC
RHFL4913ESY3305Q	5962F0253502QZC	49FCT805A (GEN)	5962-9215702MRA	AFL5005SW/CH	5962-0255701HUA
RHFL4913ESY3305V	5962F0253502VZC	49FCT805A (GEN)	5962-9215702MSA	AFL5005SW/CH	5962-0255701HUC
RHFL4913ESY5005V	5962F0253602VZC	49FCT805B (GEN)	5962-9576101MSA	AFL5005SX/CH	5962-0255701HXA
RHFL4913ESY3306Q	5962F0253502QZA	49FCT805C (GEN)	5962-9576102MSA	AFL5005SX/CH	5962-0255701HXC
RHFL4913ESY3306V	5962F0253502VZA	IDT49FCT805BTDB	5962-9576101MRA	AFL5005SY/CH	5962-0255701HYA
L491333DIE2V	5962F0253502V9A	IDT49FCT805BTLB	5962-9576101M2A	AFL5005SY/CH	5962-0255701HYC
RHFL4913KP50-01Q	5962F0253601QXC	IDT49FCT805CTBD	5962-9576102MRA	AFL5005SZ/CH	5962-0255701HZA
RHFL4913KP50-01V	5962F0253601VXC	IDT49FCT805CTLB	5962-9576102M2A	AFL5005SZ/CH	5962-0255701HZC
RHFL4913KP50-02Q	5962F0253601QXA	49FCT806 (GEN)	5962-9215703M2A	500/700J (GEN)	5962-94B0201QXA
RHFL4913KP50-02V	5962F0253601VXA	49FCT806 (GEN)	5962-9215703MRA	AFL5008SW/CH	5962-0255801HUA
RHFL4913S50-03Q	5962F0253602QYC	49FCT806 (GEN)	5962-9215703MSA	AFL5008SW/CH	5962-0255801HUC
RHFL4913S50-03V	5962F0253602VYC	49FCT806A (GEN)	5962-9215704M2A	AFL5008SX/CH	5962-0255801HXA
RHFL4913S50-04Q	5962F0253602QYA	49FCT806A (GEN)	5962-9215704MRA	AFL5008SX/CH	5962-0255801HXC
RHFL4913S50-04V	5962F0253602VYA	49FCT806A (GEN)	5962-9215704MSA	AFL5008SY/CH	5962-0255801HYA
RHFL4913ESY5005Q	5962F0253602QZC	49FCT806B (GEN)	5962-9576201M2A	AFL5008SY/CH	5962-0255801HYC
RHFL4913ESY5006Q	5962F0253602QZA	49FCT806B (GEN)	5962-9576201MRA	AFL5008SZ/CH	5962-0255801HZA
RHFL4913ESY5006V	5962F0253602VZA	49FCT806B (GEN)	5962-9576201MSA	AFL5008SZ/CH	5962-0255801HZC
L491350DIE2V	5962F0253602V9A	49FCT806C (GEN)	5962-9576202M2A	AFL5009SW/CH	5962-0255901HUA
49C410 (GEN)	5962-8864301XA	49FCT806C (GEN)	5962-9576202MRA	AFL5009SW/CH	5962-0255901HUC
49C410 (GEN)	5962-8864301YA	49FCT806C (GEN)	5962-9576202MSA	AFL5009SX/CH	5962-0255901HXA
49C410 (GEN)	5962-8864301ZA	OP50A (GEN)	5962-8967301CA	AFL5009SX/CH	5962-0255901HXC
49C410A (GEN)	5962-8864302XA	OP50B (GEN)	5962-8967302CA	AFL5009SY/CH	5962-0255901HYA
49C410A (GEN)	5962-8864302YA	CLC500 (GEN)	5962-9092501MCA	AFL5009SY/CH	5962-0255901HYC
49C410A (GEN)	5962-8864302ZA	MAX500A (GEN)	5962-9452701M2A	AFL5009SZ/CH	5962-0255901HZA
49C460A (GEN)	5962-8853301TA	MAX500A (GEN)	5962-9452701MEA	AFL5009SZ/CH	5962-0255901HZC
49C460A (GEN)	5962-8853301UA	MAX500B (GEN)	5962-9452702M2C	ARX5009 (GEN)	5962-9313404HXA
49C460A (GEN)	5962-8853301XA	MAX500B (GEN)	5962-9452702MEA	CLC501 (GEN)	5962-89974012A
49C460A (GEN)	5962-8853301YA	UT500 (GEN)	5962R96B0222Q*C	CLC501 (GEN)	5962-8997401PA
49C460A (GEN)	5962-8853301ZA	UT500 (GEN)	5962R96B0222V*C	SBB501S/CKA	5962-1120601KXA
49C460B (GEN)	5962-8853302TA	ATV5000-25 (GEN)	5962-9324801MXA	SBB501S/CKC	5962-1120601KXC
49C460B (GEN)	5962-8853302UA	ATV5000-25 (GEN)	5962-9324801MYA	AH5010J (GEN)	5962-9087801MCA
49C460B (GEN)	5962-8853302XA	ATV5000-35 (GEN)	5962-9324802MXA	MIC5011 (GEN)	5962-9313901MPA
49C460B (GEN)	5962-8853302YA	ATV5000-35 (GEN)	5962-9324802MYA	AFL5012DW/CH	5962-0256401HUA
49C460B (GEN)	5962-8853302ZA	ATV5000L-35 (GEN)	5962-9324803MXA	AFL5012DW/CH	5962-0256401HUC
49C460C (GEN)	5962-8853306TA	ATV5000L-35 (GEN)	5962-9324803MYA	AFL5012DX/CH	5962-0256401HXA
49C460C (GEN)	5962-8853306UA	TL5001AMFKB	5962-9958302Q2A	AFL5012DX/CH	5962-0256401HXC
49C460C (GEN)	5962-8853306XA	TL5001AMJGB	5962-9958302QPA	AFL5012DY/CH	5962-0256401HYA
49C460C (GEN)	5962-8853306YA	TL5001M (GEN)	5962-9958301Q2A	AFL5012DY/CH	5962-0256401HYC
49C460D (GEN)	5962-8853307TA	TL5001MJGB	5962-9958301QPA	AFL5012DZ/CH	5962-0256401HZA
49C460D (GEN)	5962-8853307UA	DH5001R803R3P/CKA	5962-1520101KXA	AFL5012DZ/CH	5962-0256401HZC
49C465 (GEN)	5962-9212202MXA	DH5001R803R3P/CKC	5962-1520101KXC	AFL5012SW/CH	5962-0256001HUA
49C465A (GEN)	5962-9212201MXA	HA2-5002	5962-8963601GC	AFL5012SW/CH	5962-0256001HUC
MSK496HRH	5962R1620101HXC	HA4-5002	5962-89636012A	AFL5012SX/CH	5962-0256001HXA
MSK496HRHG	5962R1620101HYC	HA7-5002	5962-8963601PA	AFL5012SX/CH	5962-0256001HXC
MSK496KRH	5962R1620101KXC	AFL5005DW/CH	5962-0256301HUA	AFL5012SY/CH	5962-0256001HYA
MSK496KRHG	5962R1620101KYC	AFL5005DW/CH	5962-0256301HUC	AFL5012SY/CH	5962-0256001HYC



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## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
AFL5012SZ/CH	5962-0256001HZA	ACT5028 (GEN)	5962-0423501KXA	MSK 5044HRHS	5962R1123101HXC
AFL5012SZ/CH	5962-0256001HZC	ACT5028 (GEN)	5962-0423502KXA	MSK 5044HRHU	5962R1123101HYC
AH5012 (GEN)	5962-9088001MEA	RDC5028-301-1S	5962-0423503KXC	MSK 5044KRHD	5962R1123101KZC
MIC5012 (GEN)	5962-9313902MCA	RDC5028-301-2S	5962-0423503KXA	MSK 5044KRHS	5962R1123101KXC
SBB501R2S/CKA	5962-1120602KXA	RDC5028-302-1S	5962-0423504KXC	MSK 5044KRHU	5962R1123101KYC
SBB501R2S/CKC	5962-1120602KXC	RDC5028-302-2S	5962-0423504KXA	HI5045 (GEN)	81006142A
5012-TD12B	5962-8967901QC	RDC5028-931-1S	5962H0423503KXC	IH5045 (GEN)	8100606AA
5012-TE12B	5962-8967901XC	RDC5028-931-2S	5962H0423503KXA	IH5045 (GEN)	8100606EA
5014-SD14B	5962-8967401QC	RDC5028-932-1S	5962H0423504KXC	IH5045 (GEN)	8100606XC
5014-SE14B	5962-8967401XC	RDC5028-932-2S	5962H0423504KXA	HI1-5046A/883	8100617EA
5014-TD14B	5962-8967402QC	HX503	5962H09B0101QXC	HI-5046 (GEN)	8100615EA
5014-TE14B	5962-8967402XC	HX503	5962H09B0101QY	IH5046 (GEN)	8100607AA
AFL5015DW/CH	5962-0256501HUA	HX503	5962H09B0101QZC	IH5046 (GEN)	8100607EA
AFL5015DW/CH	5962-0256501HUC	HX503	5962H09B0101VXC	HI-5047A (GEN)	8100618EA
AFL5015DX/CH	5962-0256501HXA	HX503	5962H09B0101VYC	IH5047 (GEN)	8100608AA
AFL5015DX/CH	5962-0256501HXC	HX503	5962H09B0101VZC	IH5047 (GEN)	8100608EA
AFL5015DY/CH	5962-0256501HYA	UHC503J/883	5962-8855101DA	IH5047MJE/883B	8100616EA
AFL5015DY/CH	5962-0256501HYC	UHD503R/883	5962-8855101CA	MSK 5048HRHD	5962R1123201HZC
AFL5015DZ/CH	5962-0256501HZA	PWM5031 (GEN)	5962-0625101KXA	MSK 5048HRHGW	5962R1123201HYC
AFL5015DZ/CH	5962-0256501HZC	PWM5032-001-1S	5962-0625102KXC	MSK 5048HRHS	5962R1123201HXC
AFL5015SW/CH	5962-0256101HUA	PWM5032-001-2S	5962-0625102KXA	MSK 5048KRHD	5962R1123201KZC
AFL5015SW/CH	5962-0256101HUC	AFL503R3SW/CH	5962-0255601HUA	MSK 5048KRHGW	5962R1123201KYC
AFL5015SX/CH	5962-0256101HXA	AFL503R3SW/CH	5962-0255601HUC	MSK 5048KRHS	5962R1123201KXC
AFL5015SX/CH	5962-0256101HXC	AFL503R3SX/CH	5962-0255601HXA	HI5049 (GEN)	81006202A
AFL5015SY/CH	5962-0256101HYA	AFL503R3SX/CH	5962-0255601HXC	CLC505A (GEN)	5962-9099301MPA
AFL5015SY/CH	5962-0256101HYC	AFL503R3SY/CH	5962-0255601HYA	HI1-5051/883	8100622EA
AFL5015SZ/CH	5962-0256101HZA	AFL503R3SY/CH	5962-0255601HYC	HI-5051 (GEN)	81006222A
AFL5015SZ/CH	5962-0256101HZC	AFL503R3SZ/CH	5962-0255601HZA	MSK 5055-1HRHG	5962F1422301HYC
SBB501R5S/CKA	5962-1120603KXA	AFL503R3SZ/CH	5962-0255601HZC	MSK 5055-1HRHS	5962F1422301HXC
SBB501R5S/CKC	5962-1120603KXC	HA5033 (GEN)	5962-8963301XA	MSK 5055-1KRHG	5962F1422301KYC
5016-SD16B	5962-8967601QC	SBB503R3S/CKA	5962-1120606KXA	MSK 5055-1KRHS	5962F1422301KXC
5016-SE16B	5962-8967601XC	SBB503R3S/CKC	5962-1120606KXC	MSK 5055-2HRHG	5962F1422302HYC
5016-TD16B	5962-8967602QC	PWM5034-001-1S	5962-0625102KYC	MSK 5055-2HRHS	5962F1422302HXC
5016-TE16B	5962-8967602XC	PCS5035-201-1S	5962-0923401KXC	MSK 5055-2KRHG	5962F1422302KYC
SBB501R8S/CKA	5962-1120604KXA	PCS5035-201-2S	5962-0923401KXA	MSK 5055-2KRHS	5962F1422302KXC
SBB501R8S/CKC	5962-1120604KXC	PCS5035-901-1S	5962R0923401KXC	MSK 5059HRH	5962R1123401HXC
CLC502A/B2A	5962-9174301M2A	PCS5035-901-2S	5962R0923401KXA	MSK 5059HRHG	5962R1123401HYC
CLC502A/BPA	5962-9174301MPA	PCS5038-201-1S	5962-1223201KXC	MSK 5059KRH	5962R1123401KXC
MAX502AMRG/883B	5962-8876701LA	PCS5038-901-1S	5962R1223201KXC	MSK 5059KRHG	5962R1123401KYC
MAX502BMRG/883B	5962-8876702LA	HI5040 (GEN)	8100601AA	HI1-506/883	5962-8513107XA
HA-5020 (GEN)	5962-89620012A	IH5040 (GEN)	8100601EA	HI4-506/883	5962-85131073A
HA-5020 (GEN)	5962-8962001PA	IH5041 (GEN)	8100602AA	HX506	5962H09B0102QXC
SBB502R5S/CKA	5962-1120605KXA	IH5041 (GEN)	8100602EA	HX506	5962H09B0102QY
SBB502R5S/CKC	5962-1120605KXC	IH5042 (GEN)	8100603AA	HX506	5962H09B0102QZC
AFL5028SW/CH	5962-0256201HUA	IH5042MJE/883B	8100603EA	HX506	5962H09B0102VXC
AFL5028SW/CH	5962-0256201HUC	HI-5043 (GEN)	81006122A	HX506	5962H09B0102VYC
AFL5028SX/CH	5962-0256201HXA	IH5043 (GEN)	8100604AA	HX506	5962H09B0102VZC
AFL5028SX/CH	5962-0256201HXC	IH5043MJE/883B	8100604EA	TPS50601A-RHA	5962R1022102VSC
AFL5028SY/CH	5962-0256201HYA	IH5043MJE/883B	8100604EA	TPS50601A-RHA-KGD	5962R1022102V9A
AFL5028SY/CH	5962-0256201HYC	IH5044 (GEN)	8100605AA	TPS50601A-SP	5962-1022102VSC
AFL5028SZ/CH	5962-0256201HZA	IH5044 (GEN)	8100605EA	TPS50601-RHA	5962R1022101VSC
AFL5028SZ/CH	5962-0256201HZC	MSK 5044HRHD	5962R1123101HZC	TPS50601-RHA KGD	5962R1022101V9A

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
TPS50601-SP	5962-1022101VSC	MT5C1001DCJ-20/883	5962-9231604MUA	MT5C1008DCJ-100	5962-8959831M7A
507 (GEN)	5962-85131083C	MT5C1001DCJ-20L/883	5962-9231608MUA	MT5C1008DCJ-100L	5962-8959814M7A
507 (GEN)	5962-8513108XA	MT5C1001F-20/883C	5962-9231604MZA	MT5C1008EC-100	5962-8959831MUA
UH507 (GEN)	5962-8986701CA	MT5C1001F-20L/883C	5962-9231608MZA	MT5C1008EC-100L	5962-8959814MUA
508A (GEN)	5962R9674201QEC	5C1001-25 (GEN)	5962-9231603MTA	MT5C1008ECA-100	5962-8959831MMA
508A (GEN)	5962R9674201QXC	5C1001-25 (GEN)	5962-9231603MXA	MT5C1008ECA-100L	5962-8959814MMA
508A (GEN)	5962R9674201TEC	5C1001-25 (GEN)	5962-9231603MYA	MT5C1008F-100	5962-8959831MTA
508A (GEN)	5962R9674201TXC	5C1001-25L (GEN)	5962-9231607MTA	MT5C1008F-100L	5962-8959814MTA
508A (GEN)	5962R9674201V9A	5C1001-25L (GEN)	5962-9231607MXA	MT5C1008SOJ-100	5962-8959831MYA
508A (GEN)	5962R9674201VEC	5C1001-25L (GEN)	5962-9231607MYA	MT5C1008SOJ-100L	5962-8959814MYA
508A (GEN)	5962R9674201VXC	MT5C1001DCJ-25/883	5962-9231603MUA	MT5C1008C-120	5962-8959830MZA
DG508A (GEN)	7705201FA	MT5C1001DCJ-25L/883	5962-9231607MUA	MT5C1008C-120L	5962-8959813MZA
DG508A (GEN)	7705201XC	MT5C1001F-25/883C	5962-9231603MZA	MT5C1008CW-120	5962-8959830MXA
DG508AAK/883B	7705201EA	MT5C1001F-25L/883C	5962-9231607MZA	MT5C1008CW-120L	5962-8959813MXA
HI1-508/883	7705201EC	5C1001-35 (GEN)	5962-9231602MTA	MT5C1008DCJ-120	5962-8959830M7A
HI4-508/883	77052012A	5C1001-35 (GEN)	5962-9231602MXA	MT5C1008DCJ-120L	5962-8959813M7A
HS-0508 (GEN)	5962D9569201VEA	5C1001-35 (GEN)	5962-9231602MYA	MT5C1008EC-120	5962-8959830MUA
HS0-508BEH-Q	5962F9674203V9A	5C1001-35L (GEN)	5962-9231606MTA	MT5C1008EC-120L	5962-8959813MUA
HS0-508BRH-Q	5962F9674202V9A	5C1001-35L (GEN)	5962-9231606MXA	MT5C1008ECA-120	5962-8959830MMA
HS1-508BEH-Q	5962F9674203VEC	5C1001-35L (GEN)	5962-9231606MYA	MT5C1008ECA-120L	5962-8959813MMA
HS1-508BRH-8	5962F9674202QEC	MT5C1001DCJ-35/883	5962-9231602MUA	MT5C1008F-120	5962-8959830MTA
HS1-508BRH-Q	5962F9674202VEC	MT5C1001DCJ-35L/883	5962-9231606MUA	MT5C1008F-120L	5962-8959813MTA
HS1-508BRH-T	5962R9674202TEC	MT5C1001F-35/883C	5962-9231602MZA	MT5C1008SOJ-120	5962-8959830MYA
HS9-508BEH-Q	5962F9674203VXC	MT5C1001F-35L/883C	5962-9231606MZA	MT5C1008SOJ-120L	5962-8959813MYA
HS9-508BRH-8	5962F9674202QXC	5C1001-45 (GEN)	5962-9231601MTA	MT5C1008C-15	5962-8959841MZA
HS9-508BRH-Q	5962F9674202VXC	5C1001-45 (GEN)	5962-9231601MXA	MT5C1008CW-15	5962-8959841MXA
HS9-508BRH-T	5962R9674202TXC	5C1001-45 (GEN)	5962-9231601MYA	MT5C1008DCJ-15	5962-8959841M7A
UHC508J/883C	8550001DA	5C1001-45L (GEN)	5962-9231605MTA	MT5C1008EC-15	5962-8959841MUA
UHD508R/883C	8550001CA	5C1001-45L (GEN)	5962-9231605MXA	MT5C1008ECA-15	5962-8959841MMA
SA 50M (GEN)	5962-9762801HXA	5C1001-45L (GEN)	5962-9231605MYA	MT5C1008F-15	5962-8959841MTA
HI4-509/883	5962-85131092A	MT5C1001DCJ-45/883	5962-9231601MUA	MT5C1008SOJ-15	5962-8959841MYA
HI-509 (GEN)	5962-8513109EA	MT5C1001DCJ-45L/883	5962-9231605MUA	MT5C1008C-20	5962-8959838MZA
HS-0509 (GEN)	5962D9569202VEA	MT5C1001F-45/883C	5962-9231601MZA	MT5C1008C-20L	5962-8959821MZA
PA51M/883	5962-8762002YA	MT5C1001F-45L/883C	5962-9231605MZA	MT5C1008CW-20	5962-8959838MXA
PA51M-1/883	5962-8762001YA	5C1005-15 (GEN)	5962-9161210MMA	MT5C1008CW-20L	5962-8959821MXA
HX518	5962H09B0106QM	5C1005-15L (GEN)	5962-9161209MMA	MT5C1008DCJ-20	5962-8959838M7A
HX518	5962H09B0106VM	MT5C1005C-15/883C	5962-9161210MXA	MT5C1008DCJ-20L	5962-8959821M7A
HX5SA10	5962H09B0107Q4C	MT5C1005C-15L/883C	5962-9161209MXA	MT5C1008EC-20	5962-8959838MUA
HX5SA10	5962H09B0107QN	5C1005-20 (GEN)	5962-9161208MMA	MT5C1008EC-20L	5962-8959821MUA
HX5SA10	5962H09B0107QZC	5C1005-20L (GEN)	5962-9161207MMA	MT5C1008ECA-20	5962-8959838MMA
HX5SA10	5962H09B0107V4C	MT5C1005C-20/883C	5962-9161208MXA	MT5C1008ECA-20L	5962-8959821MMA
HX5SA10	5962H09B0107V6F	MT5C1005C-20L/883C	5962-9161207MXA	MT5C1008F-20	5962-8959838MTA
HX5SA10	5962H09B0107VNC	MT5C1005C-25/883C	5962-9161206MXA	MT5C1008F-20L	5962-8959821MTA
HX5SA10	5962H09B0107VZC	MYX5C1005C-25L/883	5962-9161205MXA	MT5C1008SOJ-20	5962-8959838MYA
MN5100MXA	5962-9207301HXA	MYX5C1005C-35/883C	5962-9161204MXA	MT5C1008SOJ-20L	5962-8959821MYA
MN5100MXC	5962-9207301HXC	MYX5C1005C-35L/883	5962-9161203MXA	MT5C1008C-25	5962-8959837MZA
5C1001-20 (GEN)	5962-9231604MTA	MYX5C1005C-45/883C	5962-9161202MXA	MT5C1008C-25L	5962-8959820MZA
5C1001-20 (GEN)	5962-9231604MXA	MYX5C1005C-45L/883	5962-9161201MXA	MT5C1008CW-25	5962-8959837MXA
5C1001-20 (GEN)	5962-9231604MYA	MT5C1008C-100	5962-8959831MZA	MT5C1008CW-25L	5962-8959820MXA
5C1001-20L (GEN)	5962-9231608MTA	MT5C1008C-100L	5962-8959814MZA	MT5C1008DCJ-25	5962-8959837M7A
5C1001-20L (GEN)	5962-9231608MXA	MT5C1008CW-100	5962-8959831MXA	MT5C1008DCJ-25L	5962-8959820M7A
5C1001-20L (GEN)	5962-9231608MYA	MT5C1008CW-100L	5962-8959814MXA	MT5C1008EC-25	5962-8959837MUA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MT5C1008EC-25L	5962-8959820MUA	MT5C1008CW-70L	5962-8959816MXA	MT5C1009SOJ-120L	5962-8959805MYA
MT5C1008ECA-25	5962-8959837MMA	MT5C1008DCJ-70	5962-8959833M7A	MT5C1009C-15	5962-8959844MZA
MT5C1008ECA-25L	5962-8959820MMA	MT5C1008DCJ-70L	5962-8959816M7A	MT5C1009CW-15	5962-8959844MXA
MT5C1008F-25	5962-8959837MTA	MT5C1008EC-70	5962-8959833MUA	MT5C1009DCJ-15	5962-8959844M7A
MT5C1008F-25L	5962-8959820MTA	MT5C1008EC-70L	5962-8959816MUA	MT5C1009EC-15	5962-8959844MUA
MT5C1008SOJ-25	5962-8959837MYA	MT5C1008ECA-70	5962-8959833MMA	MT5C1009ECA-15	5962-8959844MMA
MT5C1008SOJ-25L	5962-8959820MYA	MT5C1008ECA-70L	5962-8959816MMA	MT5C1009F-15	5962-8959844MTA
MT5C1008C-35	5962-8959836MZA	MT5C1008F-70	5962-8959833MTA	MT5C1009SOJ-15	5962-8959844MYA
MT5C1008C-35L	5962-8959819MZA	MT5C1008F-70L	5962-8959816MTA	128K8-17 (GEN)	5962-9669117HTA
MT5C1008CW-35	5962-8959836MXA	MT5C1008SOJ-70	5962-8959833MYA	128K8-17 (GEN)	5962-9669117HYA
MT5C1008CW-35L	5962-8959819MXA	MT5C1008SOJ-70L	5962-8959816MYA	128K8-20 (GEN)	5962-9669116HTA
MT5C1008DCJ-35	5962-8959836M7A	MT5C1008C-85	5962-8959832MZA	128K8-20 (GEN)	5962-9669116HYA
MT5C1008DCJ-35L	5962-8959819M7A	MT5C1008C-85L	5962-8959815MZA	MT5C1009C-20	5962-8959839MZA
MT5C1008EC-35	5962-8959836MUA	MT5C1008CW-85	5962-8959832MXA	MT5C1009C-20L	5962-8959840MZA
MT5C1008EC-35L	5962-8959819MUA	MT5C1008CW-85L	5962-8959815MXA	MT5C1009CW-20	5962-8959839MXA
MT5C1008ECA-35	5962-8959836MMA	MT5C1008DCJ-85	5962-8959832M7A	MT5C1009CW-20L	5962-8959840MXA
MT5C1008ECA-35L	5962-8959819MMA	MT5C1008DCJ-85L	5962-8959815M7A	MT5C1009DCJ-20	5962-8959839M7A
MT5C1008F-35	5962-8959836MTA	MT5C1008EC-85	5962-8959832MUA	MT5C1009DCJ-20L	5962-8959840M7A
MT5C1008F-35L	5962-8959819MTA	MT5C1008EC-85L	5962-8959815MUA	MT5C1009EC-20	5962-8959839MUA
MT5C1008SOJ-35	5962-8959836MYA	MT5C1008ECA-85	5962-8959832MMA	MT5C1009EC-20L	5962-8959840MUA
MT5C1008SOJ-35L	5962-8959819MYA	MT5C1008ECA-85L	5962-8959815MMA	MT5C1009ECA-20	5962-8959839MMA
MT5C1008C-45	5962-8959835MZA	MT5C1008F-85	5962-8959832MTA	MT5C1009ECA-20L	5962-8959840MMA
MT5C1008C-45L	5962-8959818MZA	MT5C1008F-85L	5962-8959815MTA	MT5C1009F-20	5962-8959839MTA
MT5C1008CW-45	5962-8959835MXA	MT5C1008SOJ-85	5962-8959832MYA	MT5C1009F-20L	5962-8959840MTA
MT5C1008CW-45L	5962-8959818MXA	MT5C1008SOJ-85L	5962-8959815MYA	MT5C1009SOJ-20	5962-8959839MYA
MT5C1008DCJ-45	5962-8959835M7A	MT5C1009C-100	5962-8959823MZA	MT5C1009SOJ-20L	5962-8959840MYA
MT5C1008DCJ-45L	5962-8959818M7A	MT5C1009C-100L	5962-8959806MZA	128K8-25 (GEN)	5962-9669115HTA
MT5C1008EC-45	5962-8959835MUA	MT5C1009CW-100	5962-8959823MXA	128K8-25 (GEN)	5962-9669115HYA
MT5C1008EC-45L	5962-8959818MUA	MT5C1009CW-100L	5962-8959806MXA	MT5C1009C-25	5962-8959829MZA
MT5C1008ECA-45	5962-8959835MMA	MT5C1009DCJ-100	5962-8959823M7A	MT5C1009C-25L	5962-8959812MZA
MT5C1008ECA-45L	5962-8959818MMA	MT5C1009DCJ-100L	5962-8959806M7A	MT5C1009CW-25	5962-8959829MXA
MT5C1008F-45	5962-8959835MTA	MT5C1009EC-100	5962-8959823MUA	MT5C1009CW-25L	5962-8959812MXA
MT5C1008F-45L	5962-8959818MTA	MT5C1009EC-100L	5962-8959806MUA	MT5C1009DCJ-25	5962-8959829M7A
MT5C1008SOJ-45	5962-8959835MYA	MT5C1009ECA-100	5962-8959823MMA	MT5C1009DCJ-25L	5962-8959812M7A
MT5C1008SOJ-45L	5962-8959818MYA	MT5C1009ECA-100L	5962-8959806MMA	MT5C1009EC-25	5962-8959829MUA
MT5C1008C-55	5962-8959834MZA	MT5C1009F-100	5962-8959823MTA	MT5C1009EC-25L	5962-8959812MUA
MT5C1008C-55L	5962-8959817MZA	MT5C1009F-100L	5962-8959806MTA	MT5C1009ECA-25	5962-8959829MMA
MT5C1008CW-55	5962-8959834MXA	MT5C1009SOJ-100	5962-8959823MYA	MT5C1009ECA-25L	5962-8959812MMA
MT5C1008CW-55L	5962-8959817MXA	MT5C1009SOJ-100L	5962-8959806MYA	MT5C1009F-25	5962-8959829MTA
MT5C1008DCJ-55	5962-8959834M7A	MT5C1009C-120	5962-8959822MZA	MT5C1009F-25L	5962-8959812MTA
MT5C1008DCJ-55L	5962-8959817M7A	MT5C1009C-120L	5962-8959805MZA	MT5C1009SOJ-25	5962-8959829MYA
MT5C1008EC-55	5962-8959834MUA	MT5C1009CW-120	5962-8959822MXA	MT5C1009SOJ-25L	5962-8959812MYA
MT5C1008EC-55L	5962-8959817MUA	MT5C1009CW-120L	5962-8959805MXA	128K8-35 (GEN)	5962-9669114HTA
MT5C1008ECA-55	5962-8959834MMA	MT5C1009DCJ-120	5962-8959822M7A	128K8-35 (GEN)	5962-9669114HYA
MT5C1008ECA-55L	5962-8959817MMA	MT5C1009DCJ-120L	5962-8959805M7A	MT5C1009C-35	5962-8959828MZA
MT5C1008F-55	5962-8959834MTA	MT5C1009EC-120	5962-8959822MUA	MT5C1009C-35L	5962-8959811MZA
MT5C1008F-55L	5962-8959817MTA	MT5C1009EC-120L	5962-8959805MUA	MT5C1009CW-35	5962-8959828MXA
MT5C1008SOJ-55	5962-8959834MYA	MT5C1009ECA-120	5962-8959822MMA	MT5C1009CW-35L	5962-8959811MXA
MT5C1008SOJ-55L	5962-8959817MYA	MT5C1009ECA-120L	5962-8959805MMA	MT5C1009DCJ-35	5962-8959828M7A
MT5C1008C-70	5962-8959833MZA	MT5C1009F-120	5962-8959822MTA	MT5C1009DCJ-35L	5962-8959811M7A
MT5C1008C-70L	5962-8959816MZA	MT5C1009F-120L	5962-8959805MTA	MT5C1009EC-35	5962-8959828MUA
MT5C1008CW-70	5962-8959833MXA	MT5C1009SOJ-120	5962-8959822MYA	MT5C1009EC-35L	5962-8959811MUA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MT5C1009ECA-35	5962-8959828MMA	MT5C1009C-85	5962-8959824MZA	5104 (GEN)	5962-9669401QVC
MT5C1009ECA-35L	5962-8959811MMA	MT5C1009C-85L	5962-8959807MZA	5104 (GEN)	5962-9669401QXC
MT5C1009F-35	5962-8959828MTA	MT5C1009CW-85	5962-8959824MXA	EL5106 (GEN)	5962-0625501QHC
MT5C1009F-35L	5962-8959811MTA	MT5C1009CW-85L	5962-8959807MXA	EL5106 (GEN)	5962-0625501QXC
MT5C1009SOJ-35	5962-8959828MYA	MT5C1009DCJ-85	5962-8959824M7A	HX511	5962H09B0103QXC
MT5C1009SOJ-35L	5962-8959811MYA	MT5C1009DCJ-85L	5962-8959807M7A	HX511	5962H09B0103QY
128K8-45 (GEN)	5962-9669113HTA	MT5C1009EC-85	5962-8959824MUA	HX511	5962H09B0103QZC
128K8-45 (GEN)	5962-9669113HYA	MT5C1009EC-85L	5962-8959807MUA	HX511	5962H09B0103VXC
MT5C1009C-45	5962-8959827MZA	MT5C1009ECA-85	5962-8959824MMA	HX511	5962H09B0103VYC
MT5C1009C-45L	5962-8959810MZA	MT5C1009ECA-85L	5962-8959807MMA	HX511	5962H09B0103VZC
MT5C1009CW-45	5962-8959827MXA	MT5C1009F-85	5962-8959824MTA	GP511 (GEN)	5962R9673601VXC
MT5C1009CW-45L	5962-8959810MXA	MT5C1009F-85L	5962-8959807MTA	HA5111 (GEN)	5962-89631012A
MT5C1009DCJ-45	5962-8959827M7A	MT5C1009SOJ-85	5962-8959824MYA	HA5111 (GEN)	5962-8963101GC
MT5C1009DCJ-45L	5962-8959810M7A	MT5C1009SOJ-85L	5962-8959807MYA	HA5111 (GEN)	5962-8963101PA
MT5C1009EC-45	5962-8959827MUA	5101A-S (GEN)	5962-9169101M3A	HA5112 (GEN)	5962-89632012A
MT5C1009EC-45L	5962-8959810MUA	5101A-S (GEN)	5962-9169101MXA	HA5112 (GEN)	5962-8963201GC
MT5C1009ECA-45	5962-8959827MMA	5101A-SD8B	5962-9169101QXC	HA5112 (GEN)	5962-8963201PA
MT5C1009ECA-45L	5962-8959810MMA	5101A-SE8B	5962-9169101Q3C	5114 (GEN)	5962D9669501VVC
MT5C1009F-45	5962-8959827MTA	5101A-T (GEN)	5962-9169102M3A	5114 (GEN)	5962D9669501VXC
MT5C1009F-45L	5962-8959810MTA	5101A-T (GEN)	5962-9169102MXA	HA1-5114/883	5962-8963401CA
MT5C1009SOJ-45	5962-8959827MYA	5101A-TD8B	5962-9169102QXC	HA4-5114/883	5962-89634012A
MT5C1009SOJ-45L	5962-8959810MYA	5101A-TE8B	5962-9169102Q3C	5114 (GEN)	5962-9669501QVC
128K8-55 (GEN)	5962-9669112HTA	HA4-5101	5962-89635012A	5114 (GEN)	5962-9669501QXC
128K8-55 (GEN)	5962-9669112HYA	HA5101 (GEN)	5962-8963501GA	HAA-51150R4551 (GEN)	5962-97A0101V9A
MT5C1009C-55	5962-8959826MZA	HA7-5101	5962-8963501PA	HAA-51150R4551 (GEN)	5962-97A0101VXC
MT5C1009C-55L	5962-8959809MZA	MN5101MXA	5962-9207302HXA	HAA-51155R4553 (GEN)	5962-97A0701V9A
MT5C1009CW-55	5962-8959826MXA	MN5101MXC	5962-9207302HXC	HAA-51159R4555 (GEN)	5962-97A0901V9A
MT5C1009CW-55L	5962-8959809MXA	5102A-S (GEN)	5962-9169201M3A	HAA-51159R4555 (GEN)	5962-97A0901VXC
MT5C1009DCJ-55	5962-8959826M7A	5102A-S (GEN)	5962-9169201MXA	IH5116 (GEN)	5962-8513104XA
MT5C1009DCJ-55L	5962-8959809M7A	5102A-SDB	5962-9169201QXC	MN5120MXA	5962-0625801HXA
MT5C1009EC-55	5962-8959826MUA	5102A-SEB	5962-9169201Q3C	MN5120MXC	5962-0625801HXC
MT5C1009EC-55L	5962-8959809MUA	5102A-T (GEN)	5962-9169202M3A	HCPL-5121	5962-0420401HPC
MT5C1009ECA-55	5962-8959826MMA	5102A-T (GEN)	5962-9169202MXA	MN5121MXA	5962-0625802HXA
MT5C1009ECA-55L	5962-8959809MMA	5102A-TDB	5962-9169202QXC	MN5121MXC	5962-0625802HXC
MT5C1009F-55	5962-8959826MTA	5102A-TEB	5962-9169202Q3C	HCPL-5121-100	5962-0420401HYA
MT5C1009F-55L	5962-8959809MTA	HA-5102 (GEN)	5962-89548012A	HCPL-5121-100	5962-0420401HYC
MT5C1009SOJ-55	5962-8959826MYA	HA-5102 (GEN)	5962-8954801GC	HCPL-5121-200	5962-0420401HPA
MT5C1009SOJ-55L	5962-8959809MYA	HA7-5102	5962-8954801PA	HCPL-5121-300	5962-0420401HXA
MT5C1009C-70	5962-8959825MZA	5104 (GEN)	5962D9669401VVC	512K16-39 (GEN)	5962-9690102HMA
MT5C1009C-70L	5962-8959808MZA	5104 (GEN)	5962D9669401VXC	512K16-39 (GEN)	5962-9690102HXA
MT5C1009CW-70	5962-8959825MXA	HA1-5104	5962-8850201CA	512K16-72 (GEN)	5962-9690101HMA
MT5C1009CW-70L	5962-8959808MXA	HA4-5104	5962-88502012A	512K16-72 (GEN)	5962-9690101HXA
MT5C1009DCJ-70	5962-8959825M7A	HS0-5104AEH-Q	5962R9569002V9A	MN5122MXA	5962-0625803HXA
MT5C1009DCJ-70L	5962-8959808M7A	HS1-5104AEH-Q	5962R9569002VCC	MN5122MXC	5962-0625803HXC
MT5C1009EC-70	5962-8959825MUA	HS-5104A (GEN)	5962R9569001QCC	MN5123MXA	5962-0625804HXA
MT5C1009EC-70L	5962-8959808MUA	HS-5104A (GEN)	5962R9569001QXC	MN5123MXC	5962-0625804HXC
MT5C1009ECA-70	5962-8959825MMA	HS-5104A (GEN)	5962R9569001TCC	SMV512K32HFG	5962-1123701VXC
MT5C1009ECA-70L	5962-8959808MMA	HS-5104A (GEN)	5962R9569001TXC	512K32-17 (GEN)	5962-9461110HXA
MT5C1009F-70	5962-8959825MTA	HS-5104A (GEN)	5962R9569001V9A	512K32-20 (GEN)	5962-9461109HXA
MT5C1009F-70L	5962-8959808MTA	HS-5104A (GEN)	5962R9569001VCC	512K32-25 (GEN)	5962-9461108HXA
MT5C1009SOJ-70	5962-8959825MYA	HS-5104A (GEN)	5962R9569001VXC	512K32-35 (GEN)	5962-9461107HXA
MT5C1009SOJ-70L	5962-8959808MYA	HS9-5104AEH-Q	5962R9569002VXC	512K32-45 (GEN)	5962-9461106HXA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
512K32-55 (GEN)	5962-9461105HXA	512K32-120 (GEN)	5962-9461202H9A	512K32-150 (GEN)	5962-9461201HNA
512K32-060 (GEN)	5962-9461205HUA	512K32-120 (GEN)	5962-9461202HBA	512K32-150 (GEN)	5962-9461201HTC
512K32-060 (GEN)	5962-9461205HXA	512K32-120 (GEN)	5962-9461202HNA	512K32-150 (GEN)	5962-9461201HUA
512K32-060 (GEN)	5962-9461205HYC	512K32-120 (GEN)	5962-9461202HTC	512K32-150 (GEN)	5962-9461201HXA
512K32-070 (GEN)	5962-9461204HUA	512K32-120 (GEN)	5962-9461202HUA	512K32-150 (GEN)	5962-9461201HYC
512K32-070 (GEN)	5962-9461204HXA	512K32-120 (GEN)	5962-9461202HXA	512K32-150 (GEN)	5962-9461201HZA
512K32-070 (GEN)	5962-9461204HYC	512K32-120 (GEN)	5962-9461202HZA	AS8F512K32P-150	5962-9461201H4A
512K32-090 (GEN)	5962-9461203HUA	AS8F512K32P-120	5962-9461202H4A	AS8F512K32P-150	5962-9461201H4C
512K32-090 (GEN)	5962-9461203HXA	AS8F512K32P-120	5962-9461202H4C	AS8F512K32Q-150	5962-9461201HMA
512K32-090 (GEN)	5962-9461203HYC	AS8F512K32Q-120	5962-9461202HMA	AS8F512K32Q-150	5962-9461201HMC
512K32-100 (GEN)	5962-9461102HXA	AS8F512K32Q-120	5962-9461202HMC	AS8F512K32Q1-60	5962-9461205HAA
WS512K32-100G2Q	5962-9461102HMA	WS512K32-120G2Q	5962-9461101HMA	AS8F512K32Q1-60	5962-9461205HAC
WS512K32-100G2Q	5962-9461102HMC	WS512K32-120G2Q	5962-9461101HMC	512K32-17 (GEN)	5962-9461116HXA
WS512K32-100G4Q	5962-9461102HYC	WS512K32-120G4Q	5962-9461101HYC	AS8S512K32P-17	5962-9461116HTA
WS512K32F-100G4Q	5962-9562402HNC	WS512K32F-120G4Q	5962-9562401HNC	AS8S512K32P-17	5962-9461116HTC
WS512K32N-100HQ	5962-9461102HUA	WS512K32N-120HQ	5962-9461101HUA	AS8S512K32P-17L	5962-9461110HTA
WS512K32N-100HQ	5962-9461102HUC	WS512K32N-120HQ	5962-9461101HUC	AS8S512K32P-17L	5962-9461110HTC
AS8F512K32Q1-120	5962-9461202HAA	AS8S512K32P-15	5962-9461117HTA	AS8S512K32Q1-17	5962-9461116HAA
AS8F512K32Q1-120	5962-9461202HAC	AS8S512K32P-15	5962-9461117HTC	AS8S512K32Q1-17	5962-9461116HAC
AS8F512K32Q1-150	5962-9461201HAA	AS8S512K32P-15L	5962-9461119HTA	AS8S512K32Q1-17L	5962-9461110HAA
AS8F512K32Q1-150	5962-9461201HAC	AS8S512K32P-15L	5962-9461119HTC	AS8S512K32Q1-17L	5962-9461110HAC
AS8S512K32P-12L	5962-9461120HTA	AS8S512K32Q1-15	5962-9461117HAA	AS8S512K32Q-17	5962-9461116HMA
AS8S512K32P-12L	5962-9461120HTC	AS8S512K32Q1-15	5962-9461117HAC	AS8S512K32Q-17	5962-9461116HMC
AS8S512K32Q1-12	5962-9461118HAA	AS8S512K32Q1-15L	5962-9461119HAA	AS8S512K32Q-17L	5962-9461110HMA
AS8S512K32Q1-12	5962-9461118HAC	AS8S512K32Q1-15L	5962-9461119HAC	AS8S512K32Q-17L	5962-9461110HMC
AS8S512K32Q1-12L	5962-9461120HAA	AS8S512K32Q-15	5962-9461117HMA	WS512K32-17G1TQ	5962-9461110HBA
AS8S512K32Q1-12L	5962-9461120HAC	AS8S512K32Q-15	5962-9461117HMC	WS512K32-17G1TQ	5962-9461110HBC
AS8S512K32Q-12	5962-9461118HMA	AS8S512K32Q-15L	5962-9461119HMA	WS512K32-17G1UQ	5962-9461110H9A
AS8S512K32Q-12	5962-9461118HMC	AS8S512K32Q-15L	5962-9461119HMC	WS512K32-17G1UQ	5962-9461110H9C
AS8S512K32Q-12L	5962-9461120HMA	WS512K32-15G1TQ	5962-9461119HBA	WS512K32-17G2LQ	5962-9461110HAA
AS8S512K32Q-12L	5962-9461120HMC	WS512K32-15G1TQ	5962-9461119HBC	WS512K32-17G2LQ	5962-9461110HAC
WS512K32-12G1TQ	5962-9461120HBA	WS512K32-15G1UQ	5962-9461119H9A	WS512K32-17G2Q	5962-9461110HMA
WS512K32-12G1TQ	5962-9461120HBC	WS512K32-15G1UQ	5962-9461119H9C	WS512K32-17G2Q	5962-9461110HMC
WS512K32-12G1UQ	5962-9461120H9A	WS512K32-15G2LQ	5962-9461119HAA	WS512K32-17G4TQ	5962-9461110HYC
WS512K32-12G1UQ	5962-9461120H9C	WS512K32-15G2LQ	5962-9461119HAC	WS512K32D-17G1TQ	5962-9461116HBA
WS512K32-12G2LQ	5962-9461120HAA	WS512K32-15G2Q	5962-9461119HMA	WS512K32D-17G1TQ	5962-9461116HBC
WS512K32-12G2LQ	5962-9461120HAC	WS512K32-15G2Q	5962-9461119HMC	WS512K32D-17G1UQ	5962-9461116H9A
WS512K32-12G2Q	5962-9461120HMA	WS512K32D-15G1TQ	5962-9461117HBA	WS512K32D-17G1UQ	5962-9461116H9C
WS512K32-12G2Q	5962-9461120HMC	WS512K32D-15G1TQ	5962-9461117HBC	WS512K32D-17G2LQ	5962-9461116HAA
WS512K32D-12G1TQ	5962-9461118HBA	WS512K32D-15G1UQ	5962-9461117H9A	WS512K32D-17G2LQ	5962-9461116HAC
WS512K32D-12G1TQ	5962-9461118HBC	WS512K32D-15G1UQ	5962-9461117H9C	WS512K32D-17G2Q	5962-9461116HMA
WS512K32D-12G1UQ	5962-9461118H9A	WS512K32D-15G2LQ	5962-9461117HAA	WS512K32D-17G2Q	5962-9461116HMC
WS512K32D-12G1UQ	5962-9461118H9C	WS512K32D-15G2LQ	5962-9461117HAC	WS512K32D-17G4TQ	5962-9461116HYC
WS512K32D-12G2LQ	5962-9461118HAA	WS512K32D-15G2Q	5962-9461117HMA	WS512K32N-17H1Q	5962-9461110HTA
WS512K32D-12G2LQ	5962-9461118HAC	WS512K32D-15G2Q	5962-9461117HMC	WS512K32N-17H1Q	5962-9461110HTC
WS512K32D-12G2Q	5962-9461118HMA	WS512K32N-15H1Q	5962-9461119HTA	WS512K32ND-17H1Q	5962-9461116HTA
WS512K32D-12G2Q	5962-9461118HMC	WS512K32N-15H1Q	5962-9461119HTC	WS512K32ND-17H1Q	5962-9461116HTC
WS512K32N-12H1Q	5962-9461120HTA	WS512K32ND-15H1Q	5962-9461117HTA	AS8F512K32Q1-70	5962-9461204HAA
WS512K32N-12H1Q	5962-9461120HTC	WS512K32ND-15H1Q	5962-9461117HTC	AS8F512K32Q1-70	5962-9461204HAC
WS512K32ND-12H1Q	5962-9461118HTA	512K32-120 (GEN)	5962-9461202HYC	AS8F512K32Q1-90	5962-9461203HAA
WS512K32ND-12H1Q	5962-9461118HTC	512K32-150 (GEN)	5962-9461201H9A	AS8F512K32Q1-90	5962-9461203HAC
512K32-120 (GEN)	5962-9461101HXA	512K32-150 (GEN)	5962-9461201HBA	512K32-20 (GEN)	5962-9461115HXA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
AS8S512K32P-20	5962-9461115HTA	WS512K32-25G2LQ	5962-9461108HAA	WS512K32M-35G4Q	5962-9562411HNC
AS8S512K32P-20	5962-9461115HTC	WS512K32-25G2LQ	5962-9461108HAC	WS512K32N-35H1Q	5962-9461107HTA
AS8S512K32P-20L	5962-9461109HTA	WS512K32-25G2Q	5962-9461108HMA	WS512K32N-35H1Q	5962-9461107HTC
AS8S512K32P-20L	5962-9461109HTC	WS512K32-25G2Q	5962-9461108HMC	WS512K32ND-35H1Q	5962-9461113HTA
AS8S512K32Q1-20	5962-9461115HAA	WS512K32-25G4TQ	5962-9461108HYC	WS512K32ND-35H1Q	5962-9461113HTC
AS8S512K32Q1-20	5962-9461115HAC	WS512K32D-25G1TQ	5962-9461114HBA	512K32-45 (GEN)	5962-9461112HXA
AS8S512K32Q1-20L	5962-9461109HAA	WS512K32D-25G1TQ	5962-9461114HBC	AS8S512K32P-45	5962-9461112HTA
AS8S512K32Q1-20L	5962-9461109HAC	WS512K32D-25G1UQ	5962-9461114H9A	AS8S512K32P-45	5962-9461112HTC
AS8S512K32Q-20	5962-9461115HMA	WS512K32D-25G1UQ	5962-9461114H9C	AS8S512K32P-45L	5962-9461106HTA
AS8S512K32Q-20	5962-9461115HMC	WS512K32D-25G2LQ	5962-9461114HAA	AS8S512K32P-45L	5962-9461106HTC
AS8S512K32Q-20L	5962-9461109HMA	WS512K32D-25G2LQ	5962-9461114HAC	AS8S512K32Q1-45	5962-9461112HAA
AS8S512K32Q-20L	5962-9461109HMC	WS512K32D-25G2Q	5962-9461114HMA	AS8S512K32Q1-45	5962-9461112HAC
WS512K32-20G1TQ	5962-9461109HBA	WS512K32D-25G2Q	5962-9461114HMC	AS8S512K32Q1-45L	5962-9461106HAA
WS512K32-20G1TQ	5962-9461109HBC	WS512K32D-25G4TQ	5962-9461114HYC	AS8S512K32Q1-45L	5962-9461106HAC
WS512K32-20G1UQ	5962-9461109H9A	WS512K32F-25G4Q	5962-9562408HNC	AS8S512K32Q-45	5962-9461112HMA
WS512K32-20G1UQ	5962-9461109H9C	WS512K32M-25G4Q	5962-9562412HNC	AS8S512K32Q-45	5962-9461112HMC
WS512K32-20G2LQ	5962-9461109HAA	WS512K32N-25H1Q	5962-9461108HTA	AS8S512K32Q-45L	5962-9461106HMA
WS512K32-20G2LQ	5962-9461109HAC	WS512K32N-25H1Q	5962-9461108HTC	AS8S512K32Q-45L	5962-9461106HMC
WS512K32-20G2Q	5962-9461109HMA	WS512K32ND-25H1Q	5962-9461114HTA	WS512K32-45G1TQ	5962-9461106HBA
WS512K32-20G2Q	5962-9461109HMC	WS512K32ND-25H1Q	5962-9461114HTC	WS512K32-45G1TQ	5962-9461106HBC
WS512K32-20G4TQ	5962-9461109HYC	512K32-35 (GEN)	5962-9461113HXA	WS512K32-45G1UQ	5962-9461106H9A
WS512K32D-20G1TQ	5962-9461115HBA	AS8S512K32P-35	5962-9461113HTA	WS512K32-45G1UQ	5962-9461106H9C
WS512K32D-20G1TQ	5962-9461115HBC	AS8S512K32P-35	5962-9461113HTC	WS512K32-45G2LQ	5962-9461106HAA
WS512K32D-20G1UQ	5962-9461115H9A	AS8S512K32P-35L	5962-9461107HTA	WS512K32-45G2LQ	5962-9461106HAC
WS512K32D-20G1UQ	5962-9461115H9C	AS8S512K32P-35L	5962-9461107HTC	WS512K32-45G2Q	5962-9461106HMA
WS512K32D-20G2LQ	5962-9461115HAA	AS8S512K32Q1-35	5962-9461113HAA	WS512K32-45G2Q	5962-9461106HMC
WS512K32D-20G2LQ	5962-9461115HAC	AS8S512K32Q1-35	5962-9461113HAC	WS512K32-45G4TQ	5962-9461106HYC
WS512K32D-20G2Q	5962-9461115HMA	AS8S512K32Q1-35L	5962-9461107HAA	WS512K32D-45G1TQ	5962-9461112HBA
WS512K32D-20G2Q	5962-9461115HMC	AS8S512K32Q1-35L	5962-9461107HAC	WS512K32D-45G1TQ	5962-9461112HBC
WS512K32D-20G4TQ	5962-9461115HYC	AS8S512K32Q-35	5962-9461113HMA	WS512K32D-45G1UQ	5962-9461112H9A
WS512K32F-20G4Q	5962-9562409HNC	AS8S512K32Q-35	5962-9461113HMC	WS512K32D-45G1UQ	5962-9461112H9C
WS512K32N-20H1Q	5962-9461109HTA	AS8S512K32Q-35L	5962-9461107HMA	WS512K32D-45G2LQ	5962-9461112HAA
WS512K32N-20H1Q	5962-9461109HTC	AS8S512K32Q-35L	5962-9461107HMC	WS512K32D-45G2LQ	5962-9461112HAC
WS512K32ND-20H1Q	5962-9461115HTA	WS512K32-35G1TQ	5962-9461107HBA	WS512K32D-45G2Q	5962-9461112HMA
WS512K32ND-20H1Q	5962-9461115HTC	WS512K32-35G1TQ	5962-9461107HBC	WS512K32D-45G2Q	5962-9461112HMC
512K32-25 (GEN)	5962-9461114HXA	WS512K32-35G1UQ	5962-9461107H9A	WS512K32D-45G4TQ	5962-9461112HYC
AS8S512K32P-25	5962-9461114HTA	WS512K32-35G1UQ	5962-9461107H9C	WS512K32F-45G4Q	5962-9562406HNC
AS8S512K32P-25	5962-9461114HTC	WS512K32-35G2LQ	5962-9461107HAA	WS512K32M-45G4Q	5962-9562410HNC
AS8S512K32P-25L	5962-9461108HTA	WS512K32-35G2LQ	5962-9461107HAC	WS512K32N-45H1Q	5962-9461106HTA
AS8S512K32P-25L	5962-9461108HTC	WS512K32-35G2Q	5962-9461107HMA	WS512K32N-45H1Q	5962-9461106HTC
AS8S512K32Q1-25	5962-9461114HAA	WS512K32-35G2Q	5962-9461107HMC	WS512K32ND-45H1Q	5962-9461112HTA
AS8S512K32Q1-25	5962-9461114HAC	WS512K32-35G4TQ	5962-9461107HYC	WS512K32ND-45H1Q	5962-9461112HTC
AS8S512K32Q1-25L	5962-9461108HAA	WS512K32D-35G1TQ	5962-9461113HBA	512K32-55 (GEN)	5962-9461111HXA
AS8S512K32Q1-25L	5962-9461108HAC	WS512K32D-35G1TQ	5962-9461113HBC	AS8S512K32P-55	5962-9461111HTA
AS8S512K32Q-25	5962-9461114HMA	WS512K32D-35G1UQ	5962-9461113H9A	AS8S512K32P-55	5962-9461111HTC
AS8S512K32Q-25	5962-9461114HMC	WS512K32D-35G1UQ	5962-9461113H9C	AS8S512K32P-55L	5962-9461105HTA
AS8S512K32Q-25L	5962-9461108HMA	WS512K32D-35G2LQ	5962-9461113HAA	AS8S512K32P-55L	5962-9461105HTC
AS8S512K32Q-25L	5962-9461108HMC	WS512K32D-35G2LQ	5962-9461113HAC	AS8S512K32Q1-55	5962-9461111HAA
WS512K32-25G1TQ	5962-9461108HBA	WS512K32D-35G2Q	5962-9461113HMA	AS8S512K32Q1-55	5962-9461111HAC
WS512K32-25G1TQ	5962-9461108HBC	WS512K32D-35G2Q	5962-9461113HMC	AS8S512K32Q1-55L	5962-9461105HAA
WS512K32-25G1UQ	5962-9461108H9A	WS512K32D-35G4TQ	5962-9461113HYC	AS8S512K32Q1-55L	5962-9461105HAC
WS512K32-25G1UQ	5962-9461108H9C	WS512K32F-35G4Q	5962-9562407HNC	AS8S512K32Q-55	5962-9461111HMA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
AS8S512K32Q-55	5962-9461111HMC	WS512K32-85G2Q	5962-9461103HMA	WMS512K8U-12DE	5962-9561330HTC
AS8S512K32Q-55L	5962-9461105HMA	WS512K32-85G2Q	5962-9461103HMC	WMS512K8U-12DJ	5962-9561330HZA
AS8S512K32Q-55L	5962-9461105HMC	WS512K32-85G4Q	5962-9461103HYC	WMS512K8U-12DJ	5962-9561330HXC
WS512K32-55G1TQ	5962-9461105HBA	WS512K32F-85G4Q	5962-9562403HNC	WMS512K8U-12F	5962-9561330HXC
WS512K32-55G1TQ	5962-9461105HBC	WS512K32N-85HQ	5962-9461103HUA	WMS512K8U-12FT	5962-9561330HUA
WS512K32-55G1UQ	5962-9461105H9A	WS512K32N-85HQ	5962-9461103HUC	WMS512K8U-12FT	5962-9561330HUC
WS512K32-55G1UQ	5962-9461105H9C	512K32-90 (GEN)	5962-9461203H9A	512K8-120 (GEN)	5962-9207801HYA
WS512K32-55G2LQ	5962-9461105HAA	512K32-90 (GEN)	5962-9461203HBA	WMS512K8-120C	5962-9561301HYA
WS512K32-55G2LQ	5962-9461105HAC	512K32-90 (GEN)	5962-9461203HNA	WMS512K8-120C	5962-9561301HYC
WS512K32-55G2Q	5962-9461105HMA	512K32-90 (GEN)	5962-9461203HTC	WMS512K8-120DE	5962-9561301HTA
WS512K32-55G2Q	5962-9461105HMC	512K32-90 (GEN)	5962-9461203HZA	WMS512K8-120DE	5962-9561301HTC
WS512K32-55G4TQ	5962-9461105HYC	AS8F512K32P-90	5962-9461203H4A	WMS512K8L-120C	5962-9561315HYA
WS512K32D-55G1TQ	5962-9461111HBA	AS8F512K32P-90	5962-9461203H4C	WMS512K8L-120C	5962-9561315HYC
WS512K32D-55G1TQ	5962-9461111HBC	AS8F512K32Q-90	5962-9461203HMA	WMS512K8L-120DE	5962-9561315HTA
WS512K32D-55G1UQ	5962-9461111H9A	AS8F512K32Q-90	5962-9461203HMC	WMS512K8L-120DE	5962-9561315HTC
WS512K32D-55G1UQ	5962-9461111H9C	HA-5127 (GEN)	5962-89627012A	WS-512K8-120CQ	5962-9207801HXC
WS512K32D-55G2LQ	5962-9461111HAA	HA-5127 (GEN)	5962-8962701GC	WS512K8-120CQ	5962-9207801HTC
WS512K32D-55G2LQ	5962-9461111HAC	HA-5127 (GEN)	5962-8962701PA	WS-512K8-120CQA	5962-9207801HXA
WS512K32D-55G2Q	5962-9461111HMA	512K8-100 (GEN)	5962-9207802HYA	WS512K8-120CQA	5962-9207801HTA
WS512K32D-55G2Q	5962-9461111HMC	WMS512K8-100C	5962-9561302HYA	512K8-120 (GEN)	5962-9669202HYA
WS512K32D-55G4TQ	5962-9461111HYC	WMS512K8-100C	5962-9561302HYC	WMS512K8M-15C	5962-9561314HYA
WS512K32F-55G4Q	5962-9562405HNC	WMS512K8-100DE	5962-9561302HTA	WMS512K8M-15C	5962-9561314HYC
WS512K32N-55H1Q	5962-9461105HTA	WMS512K8-100DE	5962-9561302HTC	WMS512K8M-15DE	5962-9561314HTA
WS512K32N-55H1Q	5962-9461105HTC	WMS512K8L-100C	5962-9561316HYA	WMS512K8M-15DE	5962-9561314HTC
WS512K32ND-55H1Q	5962-9461111HTA	WMS512K8L-100C	5962-9561316HYC	WE-512K8-150CQ	5962-9309101HXA
WS512K32ND-55H1Q	5962-9461111HTC	WMS512K8L-100DE	5962-9561316HTA	WE-512K8-150CQ	5962-9309101HXC
512K32-60 (GEN)	5962-9461205H9A	WMS512K8L-100DE	5962-9561316HTC	WE-512K8-150CQ	5962-9309101HYA
512K32-60 (GEN)	5962-9461205HBA	WS-512K8-100CQ	5962-9207802HXC	WE-512K8-150CQ	5962-9309101HYC
512K32-60 (GEN)	5962-9461205HNA	WS512K8-100CQ	5962-9207802HTC	512K8-150 (GEN)	5962-9669201HYA
512K32-60 (GEN)	5962-9461205HTC	WS-512K8-100CQA	5962-9207802HXA	512K8-25/H	5962-9561324HTA
512K32-60 (GEN)	5962-9461205HZA	WS512K8-100CQA	5962-9207802HTA	WMS512K8-17C	5962-9561310HYA
AS8F512K32P-60	5962-9461205H4A	WMS512K8-12C	5962-9561329HYA	WMS512K8-17C	5962-9561310HYC
AS8F512K32P-60	5962-9461205H4C	WMS512K8-12C	5962-9561329HYC	WMS512K8-17DE	5962-9561310HTA
AS8F512K32Q-60	5962-9461205HMA	WMS512K8-12DE	5962-9561329HTA	WMS512K8-17DE	5962-9561310HTC
AS8F512K32Q-60	5962-9461205HMC	WMS512K8-12DE	5962-9561329HTC	WMS512K8-17DJ	5962-9561310HZA
512K32-70 (GEN)	5962-9461104HXA	WMS512K8-12DJ	5962-9561329HZA	WMS512K8-17DJ	5962-9561310HXC
512K32-70 (GEN)	5962-9461204H9A	WMS512K8-12DJ	5962-9561329HXC	WMS512K8-17F	5962-9561310HXC
512K32-70 (GEN)	5962-9461204HBA	WMS512K8-12F	5962-9561329HXC	WMS512K8-17FT	5962-9561310HUA
512K32-70 (GEN)	5962-9461204HNA	WMS512K8-12FT	5962-9561329HUA	WMS512K8-17FT	5962-9561310HUC
512K32-70 (GEN)	5962-9461204HTC	WMS512K8-12FT	5962-9561329HUC	WMS512K8L-17C	5962-9561324HYA
512K32-70 (GEN)	5962-9461204HZA	WMS512K8L-12C	5962-9561328HYA	WMS512K8L-17C	5962-9561324HYC
AS8F512K32P-70	5962-9461204H4A	WMS512K8L-12C	5962-9561328HYC	WMS512K8L-17DE	5962-9561324HTC
AS8F512K32P-70	5962-9461204H4C	WMS512K8L-12DE	5962-9561328HTA	WMS512K8L-17DJ	5962-9561324HZA
AS8F512K32Q-70	5962-9461204HMA	WMS512K8L-12DE	5962-9561328HTC	WMS512K8L-17DJ	5962-9561324HXC
AS8F512K32Q-70	5962-9461204HMC	WMS512K8L-12DJ	5962-9561328HZA	WMS512K8L-17F	5962-9561324HXC
WS512K32-70G2Q	5962-9461104HMA	WMS512K8L-12DJ	5962-9561328HXC	WMS512K8L-17FT	5962-9561324HUA
WS512K32-70G2Q	5962-9461104HMC	WMS512K8L-12F	5962-9561328HXC	WMS512K8L-17FT	5962-9561324HUC
WS512K32-70G4Q	5962-9461104HYC	WMS512K8L-12FT	5962-9561328HUA	512K8-20 (GEN)	5962-9207809HYA
WS512K32F-70G4Q	5962-9562404HNC	WMS512K8L-12FT	5962-9561328HUC	WMS512K8-20C	5962-9561309HYA
WS512K32N-70HQ	5962-9461104HUA	WMS512K8U-12C	5962-9561330HYA	WMS512K8-20C	5962-9561309HYC
WS512K32N-70HQ	5962-9461104HUC	WMS512K8U-12C	5962-9561330HYC	WMS512K8-20DE	5962-9561309HTA
512K32-85 (GEN)	5962-9461103HXA	WMS512K8U-12DE	5962-9561330HTA	WMS512K8-20DE	5962-9561309HTC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
WMS512K8-20DJ	5962-9561309HZA	WE-512K8-250CQ	5962-9309103HYA	WMS512K8M-45C	5962-9561311HYA
WMS512K8-20DJ	5962-9561309HZC	WE-512K8-250CQ	5962-9309103HYC	WMS512K8M-45C	5962-9561311HYC
WMS512K8-20F	5962-9561309HXC	WE-512K8-300CQ	5962-9309102HXA	WMS512K8M-45DE	5962-9561311HTA
WMS512K8-20FT	5962-9561309HUA	WE-512K8-300CQ	5962-9309102HXC	WMS512K8M-45DE	5962-9561311HTC
WMS512K8-20FT	5962-9561309HUC	WE-512K8-300CQ	5962-9309102HYA	WS-512K8-45CQ	5962-9207806HXC
WMS512K8L-20C	5962-9561323HYA	WE-512K8-300CQ	5962-9309102HYC	WS512K8-45CQ	5962-9207806HTC
WMS512K8L-20C	5962-9561323HYC	512K8-35 (GEN)	5962-9207807HYA	WS-512K8-45CQA	5962-9207806HXA
WMS512K8L-20DE	5962-9561323HTA	WMS512K8-35C	5962-9561307HYA	WS512K8-45CQA	5962-9207806HTA
WMS512K8L-20DE	5962-9561323HTC	WMS512K8-35C	5962-9561307HYC	512K8-55 (GEN)	5962-9207805HYA
WMS512K8L-20DJ	5962-9561323HZA	WMS512K8-35DE	5962-9561307HTA	WMS512K8-55C	5962-9561305HYA
WMS512K8L-20DJ	5962-9561323HZC	WMS512K8-35DE	5962-9561307HTC	WMS512K8-55C	5962-9561305HYC
WMS512K8L-20F	5962-9561323HXC	WMS512K8-35DJ	5962-9561307HZA	WMS512K8-55DE	5962-9561305HTA
WMS512K8L-20FT	5962-9561323HUA	WMS512K8-35DJ	5962-9561307HXC	WMS512K8-55DE	5962-9561305HTC
WMS512K8L-20FT	5962-9561323HUC	WMS512K8-35F	5962-9561307HXC	WMS512K8-55DJ	5962-9561305HZA
WS-512K8-20CQ	5962-9207809HXC	WMS512K8-35FT	5962-9561307HUA	WMS512K8-55DJ	5962-9561305HXC
WS512K8-20CQ	5962-9207809HTC	WMS512K8-35FT	5962-9561307HUC	WMS512K8-55F	5962-9561305HXC
WS-512K8-20CQA	5962-9207809HXA	WMS512K8L-35C	5962-9561321HYA	WMS512K8-55FT	5962-9561305HUA
WS512K8-20CQA	5962-9207809HTA	WMS512K8L-35C	5962-9561321HYC	WMS512K8-55FT	5962-9561305HUC
WE-512K8-200CQ	5962-9309104HXA	WMS512K8L-35DE	5962-9561321HTA	WMS512K8L-55C	5962-9561319HYA
WE-512K8-200CQ	5962-9309104HXC	WMS512K8L-35DE	5962-9561321HTC	WMS512K8L-55C	5962-9561319HYC
WE-512K8-200CQ	5962-9309104HYA	WMS512K8L-35DJ	5962-9561321HZA	WMS512K8L-55DE	5962-9561319HTA
WE-512K8-200CQ	5962-9309104HXC	WMS512K8L-35DJ	5962-9561321HXC	WMS512K8L-55DE	5962-9561319HTC
WE-512K8-200CQ	5962-9309105HYA	WMS512K8L-35F	5962-9561321HXC	WMS512K8L-55DJ	5962-9561319HZA
WE-512K8-200CQ	5962-9309105HYC	WMS512K8L-35FT	5962-9561321HUA	WMS512K8L-55DJ	5962-9561319HXC
512K8-25 (GEN)	5962-9207808HYA	WMS512K8L-35FT	5962-9561321HUC	WMS512K8L-55F	5962-9561319HXC
WMS512K8-25C	5962-9561308HYA	WMS512K8M-35C	5962-9561312HYA	WMS512K8L-55FT	5962-9561319HUA
WMS512K8-25C	5962-9561308HYC	WMS512K8M-35C	5962-9561312HYC	WMS512K8L-55FT	5962-9561319HUC
WMS512K8-25DE	5962-9561308HTA	WMS512K8M-35DE	5962-9561312HTA	WS-512K8-55CQ	5962-9207805HXC
WMS512K8-25DE	5962-9561308HTC	WMS512K8M-35DE	5962-9561312HTC	WS512K8-55CQ	5962-9207805HTC
WMS512K8-25DJ	5962-9561308HZA	WS-512K8-35CQ	5962-9207807HXC	WS-512K8-55CQA	5962-9207805HXA
WMS512K8-25DJ	5962-9561308HZC	WS512K8-35CQ	5962-9207807HTC	WS512K8-55CQA	5962-9207805HTA
WMS512K8-25F	5962-9561308HXC	WS-512K8-35CQA	5962-9207807HXA	512K8-60 (GEN)	5962-9669205HTA
WMS512K8-25FT	5962-9561308HUA	WS512K8-35CQA	5962-9207807HTA	512K8-60 (GEN)	5962-9669205HUA
WMS512K8-25FT	5962-9561308HUC	512K8-45 (GEN)	5962-9207806HYA	512K8-60 (GEN)	5962-9669205HXA
WMS512K8L-25C	5962-9561322HYA	WMS512K8-45C	5962-9561306HYA	512K8-60 (GEN)	5962-9669205HYA
WMS512K8L-25C	5962-9561322HYC	WMS512K8-45C	5962-9561306HYC	512K8-70 (GEN)	5962-9207804HYA
WMS512K8L-25DE	5962-9561322HTA	WMS512K8-45DE	5962-9561306HTA	WMS512K8-70C	5962-9561304HYA
WMS512K8L-25DE	5962-9561322HTC	WMS512K8-45DE	5962-9561306HTC	WMS512K8-70C	5962-9561304HYC
WMS512K8L-25DJ	5962-9561322HZA	WMS512K8-45DJ	5962-9561306HZA	WMS512K8-70DE	5962-9561304HTA
WMS512K8L-25DJ	5962-9561322HZC	WMS512K8-45DJ	5962-9561306HXC	WMS512K8-70DE	5962-9561304HTC
WMS512K8L-25F	5962-9561322HXC	WMS512K8-45F	5962-9561306HXC	WMS512K8L-70C	5962-9561318HYA
WMS512K8L-25FT	5962-9561322HUA	WMS512K8-45FT	5962-9561306HUA	WMS512K8L-70C	5962-9561318HYC
WMS512K8M-25C	5962-9561313HYA	WMS512K8-45FT	5962-9561306HUC	WMS512K8L-70DE	5962-9561318HTA
WMS512K8M-25C	5962-9561313HYC	WMS512K8L-45C	5962-9561320HYA	WMS512K8L-70DE	5962-9561318HTC
WMS512K8M-25DE	5962-9561313HTA	WMS512K8L-45C	5962-9561320HYC	WS-512K8-70CQ	5962-9207804HXC
WMS512K8M-25DE	5962-9561313HTC	WMS512K8L-45DE	5962-9561320HTA	WS512K8-70CQ	5962-9207804HTC
WS-512K8-25CQ	5962-9207808HXC	WMS512K8L-45DE	5962-9561320HTC	WS-512K8-70CQA	5962-9207804HXA
WS512K8-25CQ	5962-9207808HTC	WMS512K8L-45DJ	5962-9561320HZA	WS512K8-70CQA	5962-9207804HTA
WS-512K8-25CQA	5962-9207808HXA	WMS512K8L-45DJ	5962-9561320HZC	512K8-70 (GEN)	5962-9669204HYA
WS512K8-25CQA	5962-9207808HTA	WMS512K8L-45F	5962-9561320HXC	128K8-17 (GEN)	5962-9669117HXA
WE-512K8-250CQ	5962-9309103HXA	WMS512K8L-45FT	5962-9561320HUA	128K8-17 (GEN)	5962-9669117HZA
WE-512K8-250CQ	5962-9309103HXC	WMS512K8L-45FT	5962-9561320HUC	128K8-20 (GEN)	5962-9669116HXA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
128K8-20 (GEN)	5962-9669116HZA	IH5140 (GEN)	8100609EA	5165228 (GEN)	5962-8951905VYA
128K8-25 (GEN)	5962-9669115HXA	MN5140MXA	5962-9049701HXA	EL5166 (GEN)	5962-0625601QHC
128K8-25 (GEN)	5962-9669115HZA	MN5140MXC	5962-9049701HXC	EL5166 (GEN)	5962-0625601QXC
128K8-35 (GEN)	5962-9669114HXA	DG5141 (GEN)	8100602IA	EL5167 (GEN)	5962-0625602QHC
128K8-35 (GEN)	5962-9669114HZA	DG5141 (GEN)	8100610IA	EL5167 (GEN)	5962-0625602QXC
128K8-45 (GEN)	5962-9669113HXA	HA-5141 (GEN)	5962-89656012A	SMC51675/2	5962-0254001EXA
128K8-45 (GEN)	5962-9669113HZA	HA-5141 (GEN)	5962-8965601GA	SMC51676/2	5962-0252201EXA
512K8-85 (GEN)	5962-9207803HYA	HA-5141 (GEN)	5962-8965601PA	SMC51677/2	5962-0252501EXA
WMS512K8-85C	5962-9561303HYA	IH5141MJE/883B	8100610EA	HX518	5962H09B0106QXC
WMS512K8-85C	5962-9561303HYC	MN5141MXA	5962-9049702HXA	HX518	5962H09B0106QY
WMS512K8-85DE	5962-9561303HTA	MN5141MXC	5962-9049702HXC	HX518	5962H09B0106QZC
WMS512K8-85DE	5962-9561303HTC	HA-5142 (GEN)	5962-89656022A	HX518	5962H09B0106VXC
WMS512K8L-85C	5962-9561317HYA	HA-5142 (GEN)	5962-8965602GA	HX518	5962H09B0106VYC
WMS512K8L-85C	5962-9561317HYC	HA-5142 (GEN)	5962-8965602PA	HX518	5962H09B0106VZC
WMS512K8L-85DE	5962-9561317HTA	IH5142MJE/883B	8100611EA	HX518	5962H17B0106YXC
WMS512K8L-85DE	5962-9561317HTC	MN5142MXA	5962-9049703HXA	HX518	5962H17B0106YYC
WS-512K8-85CQ	5962-9207803HXC	MN5142MXC	5962-9049703HXC	SA 51M (GEN)	5962-9762901HXA
WS512K8-85CQ	5962-9207803HTC	IH5143MJE/883B	8100612EA	HA-5190 (GEN)	5962-87784012A
WS-512K8-85CQA	5962-9207803HXA	IH5143MJE/883B	8100612EA	HA-5190 (GEN)	5962-8778401CA
WS512K8-85CQA	5962-9207803HTA	MN5143MXA	5962-9049704HXA	HA-5190 (GEN)	5962-8778401XC
128K8-55 (GEN)	5962-9669112HXA	MN5143MXC	5962-9049704HXC	51992	5962-8761701XA
128K8-55 (GEN)	5962-9669112HZA	DG5144 (GEN)	8100605IA	51992	5962-8761701XC
512K8-90 (GEN)	5962-9669203HYA	DG5144 (GEN)	8100613IA	CLC520A (GEN)	5962-9169401M2A
HX5SA13S	5962H09B0108QTC	HA-5144 (GEN)	5962-89656032A	CLC520A/BCA	5962-9169401MCA
HX5SA13S	5962H09B0108VTC	HA-5144 (GEN)	5962-8965603CA	MN5200 (GEN)	5962-8958301XA
5130 (GEN)	5962-9314401MXB	IH5144 (GEN)	8100613EA	MN5200 (GEN)	5962-8958301YA
5130 (GEN)	5962-9314402MXA	IH5145MJE/883B	8100614EA	HCPL-5201	5962-8876801PC
MN5130MXA	5962-0625901HXA	HA-5147 (GEN)	5962-89627032A	HCPL-5201#100	5962-8876801YA
MN5130MXC	5962-0625901HXC	HA-5147 (GEN)	5962-8962703GC	HCPL-5201#100	5962-8876801YC
MN5131MXA	5962-0625902HXA	HA-5147 (GEN)	5962-8962703PA	HCPL-5201#200	5962-8876801PA
MN5131MXC	5962-0625902HXC	HS-51472AR3808 (GEN)	5962M95A0501QX	MN5201MXA	5962-8958303XA
EL5132 (GEN)	5962-0623601QPC	HS-51472AR3808 (GEN)	5962M95A0501QY	MN5201MXC	5962-8958303XC
MN5132MXA	5962-0625903HXA	IH5148 (GEN)	8100619EA	MN5201MYA	5962-8958303YA
MN5132MXC	5962-0625903HXC	IH5149MJE/883B	8100620EA	MN5201MYC	5962-8958303YC
EL5133 (GEN)	5962-0623602QPC	IH5150MJE/883B	8100621EA	HCPL-5201#300	5962-8876801XA
MN5133MXA	5962-0625904HXA	HCPL-5151	5962-0420501HPC	LPR520 (GEN)	5962-8971603MQC
MN5133MXC	5962-0625904HXC	IH5151MJE/883B	8100622EA	LPR520 (GEN)	5962-8971603MXC
HA-5134 (GEN)	5962-9455301M2A	HCPL-5151-100	5962-0420501HYA	MN5202MXA	5962-8958305XA
HA-5134 (GEN)	5962-9455301MCA	HCPL-5151-100	5962-0420501HYC	MN5202MXC	5962-8958305XC
HA-5137 (GEN)	5962-89627022A	HCPL-5151-200	5962-0420501HPA	MN5202MYA	5962-8958305YA
HA-5137 (GEN)	5962-8962702GC	HCPL-5151-300	5962-0420501HXA	MN5202MYC	5962-8958305YC
HA-5137 (GEN)	5962-8962702PA	HI516 (GEN)	5962-88699013A	LPR520 (GEN)	5962-8971602MQC
HX514	5962H09B0104QXC	HI516 (GEN)	5962-8869901XA	LPR520 (GEN)	5962-8971602MXC
HX514	5962H09B0104QY	HX516	5962H09B0105QU	MN5203 (GEN)	5962-8958302XA
HX514	5962H09B0104QZC	HX516	5962H09B0105QXC	MN5203 (GEN)	5962-8958302YA
HX514	5962H09B0104V7C	HX516	5962H09B0105QY	LPR520 (GEN)	5962-8971601MQC
HX514	5962H09B0104VXC	HX516	5962H09B0105QZC	LPR520 (GEN)	5962-8971601MXC
HX514	5962H09B0104VYC	HX516	5962H09B0105VUC	MN5204MXA	5962-8958304XA
HX514	5962H09B0104VZC	HX516	5962H09B0105VXC	MN5204MXC	5962-8958304XC
TL514 (GEN)	5962-8687801CA	HX516	5962H09B0105VYC	MN5204MYA	5962-8958304YA
5140 (GEN)	5962-9467001MJA	HX516	5962H09B0105VZC	MN5204MYC	5962-8958304YC
DG5140 (GEN)	8100609IA	5165228 (GEN)	5962-8951904VYA	MN5205MXA	5962-8958306XA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MN5205MXC	5962-8958306XC	MN5216MYA	5962-8958407YA	MT5C2564C-20/883C	5962-8868106LA
MN5205MYA	5962-8958306YA	MN5216MYC	5962-8958407YC	MT5C2564C-25/883C	5962-8868105LA
MN5205MYC	5962-8958306YC	522 (GEN)	5962-8751602CA	MT5C2564C-35/883C	5962-8868101LA
MN5206MXA	5962-8958307XA	522 (GEN)	5962-8751602DA	MT5C2564C-35L/883C	5962-8854501LA
MN5206MXC	5962-8958307XC	CLC522A/B2A	5962-9451701M2A	MT5C2564C-45/883C	5962-8868102LA
MN5206MYA	5962-8958307YA	CLC522A/BCA	5962-9451701MCA	MT5C2564C-45L/883C	5962-8854502LA
MN5206MYC	5962-8958307YC	HA-5221 (GEN)	5962-9163401M2A	MT5C2564C-55/883C	5962-8868103LA
HCPL-520K	5962-8876802KPC	HA-5221 (GEN)	5962-9163401MPA	MT5C2564C-55L/883C	5962-8854503LA
HCPL-520K#100	5962-8876802KYA	HA-5222 (GEN)	5962-9163402M2A	M5C2564C-70/883C	5962-8868104LA
HCPL-520K#100	5962-8876802KYC	HA-5222 (GEN)	5962-9163402MPA	MT5C2564C-70L/883C	5962-8854504LA
HCPL-520K#200	5962-8876802KPA	HCPL-523K	5962-8876904KPC	MT5C2565C-15	5962-8952407XA
HCPL-520K#300	5962-8876802KXA	HCPL-523K#100	5962-8876904KYA	MT5C2565C-20	5962-8952406XA
521/BCA	5962-8751601CA	HCPL-523K#100	5962-8876904KYC	MT5C2565C-25	5962-8952405XA
521/BDA	5962-8751601DA	HCPL-523K#200	5962-8876904KPA	MT5C2565C-35	5962-8952404XA
ACS521 (GEN)	5962F9670901V9A	HCPL-523K#300	5962-8876904KXA	MT5C2565C-45	5962-8952403XA
ACS521 (GEN)	5962F9670901VRC	SL523AC (GEN)	5962-8980301XA	MT5C2565C-55	5962-8952402XA
ACS521 (GEN)	5962F9670901VXC	HCPL-5231	5962-8876901PC	MT5C2565C-70	5962-8952401XA
SL521 (GEN)	5962-9079201MXA	HCPL-5231#100	5962-8876901YA	MT5C2568EC-100/883	5962-8866201UA
MN5210 (GEN)	5962-8958401XA	HCPL-5231#100	5962-8876901YC	MT5C2568ECW-100/88	5962-8866201YA
MN5210 (GEN)	5962-8958401YA	HCPL-5231#200	5962-8876901PA	MT5C2568F-100/883C	5962-8866201TA
ACS521-02 (GEN)	5962F9670902V9A	HCPL-5231#300	5962-8876901XA	AS5C2568C-12L/883C	5962-8855213UA
ACS521-02 (GEN)	5962F9670902VRC	5233-250 (GEN)	5962-8683004XA	AS5C2568CW-12L/883	5962-8855213XA
ACS521-02 (GEN)	5962F9670902VXC	5233-250 (GEN)	5962-8683004YA	AS5C2568EC-12L/883C	5962-8855213MA
MN5211MXA	5962-8958403XA	5233-250 (GEN)	5962-8683004ZA	AS5C2568ECW-12L/88	5962-8855213YA
MN5211MXC	5962-8958403XC	AD524 (GEN)	5962-88539012A	AS5C2568F-12L/883C	5962-8855213TA
MN5211MYA	5962-8958403YA	AD524S (GEN)	5962-8853901V2A	MT5C2568C-12/883C	5962-8866209NA
MN5211MYC	5962-8958403YC	AD524S (GEN)	5962-8853901VEA	MT5C2568EC-12/883C	5962-8866209UA
LPR521 (GEN)	5962-8971606MQC	AD524SD/883B	5962-8853901EA	MT5C2568ECW-12/883	5962-8866209YA
LPR521 (GEN)	5962-8971606MXC	AD524SD/QMLR	5962R8853901VEA	MT5C2568F-12/883C	5962-8866209TA
5212A (GEN)	5962-9212901MPA	AD524SE/QMLR	5962R8853901V2A	AS5C2568C-15L/883C	5962-8855212UA
MN5212MXA	5962-8958405XA	HI-524 (GEN)	5962-8761801VA	AS5C2568CW-15L/883	5962-8855212XA
MN5212MXC	5962-8958405XC	52445	5962-0250502HXA	AS5C2568EC-15L/883C	5962-8855212MA
MN5212MYA	5962-8958405YA	52445	5962-0250502HXC	AS5C2568ECW-15L/88	5962-8855212YA
MN5212MYC	5962-8958405YC	52446	5962-0250503HXA	AS5C2568F-15L/883C	5962-8855212TA
LPR521 (GEN)	5962-8971605MQC	52446	5962-0250503HXC	MT5C2568C-15/883C	5962-8866208NA
LPR521 (GEN)	5962-8971605MXC	52447	5962-0250601HXA	MT5C2568EC-15/883C	5962-8866208UA
MN5213 (GEN)	5962-8958402XA	52447	5962-0250601HXC	MT5C2568ECW-15/883	5962-8866208YA
MN5213MYA	5962-8958402YA	MN5245 (GEN)	5962-8959501XA	MT5C2568F-15/883C	5962-8866208TA
MN5213MYC	5962-8958402YC	MN5245 (GEN)	5962-8959501YA	AS5C2568C-17L/883C	5962-8855211UA
LPR521 (GEN)	5962-8971604MQC	MN5245A (GEN)	5962-8959502XA	AS5C2568CW-17L/883	5962-8855211XA
LPR521 (GEN)	5962-8971604MXC	MN5245A (GEN)	5962-8959502YA	AS5C2568EC-17L/883C	5962-8855211MA
MN5214MXA	5962-8958404XA	MN5246 (GEN)	5962-8959503XA	AS5C2568ECW-17L/88	5962-8855211YA
MN5214MXC	5962-8958404XC	MN5246 (GEN)	5962-8959503YA	AS5C2568F-17L/883C	5962-8855211TA
MN5214MYA	5962-8958404YA	MN5246A (GEN)	5962-8959504XA	AS5C2568C-20L/883C	5962-8855210UA
MN5214MYC	5962-8958404YC	MN5246A (GEN)	5962-8959504YA	AS5C2568CW-20L/883	5962-8855210XA
MN5215MXA	5962-8958406XA	MSK 5251-0.8H	5962-1121001HXC	AS5C2568EC-20L/883C	5962-8855210MA
MN5215MXC	5962-8958406XC	MSK 5251-0.9H	5962-1121002HXC	AS5C2568ECW-20L/88	5962-8855210YA
MN5215MYA	5962-8958406YA	MSK 5251-1.0H	5962-1121003HXC	AS5C2568F-20L/883C	5962-8855210TA
MN5215MYC	5962-8958406YC	MSK 5251-1.2H	5962-1121004HXC	MT5C2568C-20/883C	5962-8866207NA
IH5216 (GEN)	5962-8513105XA	MSK 5251-1.3H	5962-1121005HXC	MT5C2568EC-20/883C	5962-8866207UA
MN5216MXA	5962-8958407XA	MSK 5251-1.4H	5962-1121006HXC	MT5C2568ECW-20/883	5962-8866207YA
MN5216MXC	5962-8958407XC	MSK 5251-1.5H	5962-1121007HXC	MT5C2568F-20/883C	5962-8866207TA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
AS5C2568C-25L/883C	5962-8855206UA	MSK5275-1.5H	5962-0323201HXC	53111-3HPC	5962-9314003HPC
AS5C2568CW-25L/883	5962-8855206XA	MSK5275-1.7H	5962-0323202HXC	53111-3HXA	5962-9314003HXA
AS5C2568EC-25L/883C	5962-8855206MA	MSK5275-1.8H	5962-0323203HXC	53111-3HXC	5962-9314003HXC
AS5C2568ECW-25L/88	5962-8855206YA	MSK5275-1.9H	5962-0323204HXC	53115-4HPA	5962-9314004HPA
AS5C2568F-25L/883C	5962-8855206TA	MSK5275-2.0H	5962-0323210HXC	53115-4HPC	5962-9314004HPC
MT5C2568C-25/883C	5962-8866206NA	MSK5275-2.5H	5962-0323205HXC	53115-4HXA	5962-9314004HXA
MT5C2568EC-25/883C	5962-8866206UA	MSK5275-3.3H	5962-0323206HXC	53115-4HXC	5962-9314004HXC
MT5C2568ECW-25/883	5962-8866206YA	MSK5275-3.4H	5962-0323207HXC	53115-4HXC	5962-9314004HYC
MT5C2568F-25/883C	5962-8866206TA	MSK5275-5.0H	5962-0323208HXC	53115-4HYA	5962-9314004HYA
AS5C2568C-35L/883C	5962-8855205UA	ADG528A (GEN)	5962-9063501M2A	CLC532A (GEN)	5962-9203501M2A
AS5C2568CW-35L/883	5962-8855205XA	ADG528A (GEN)	5962-9063501MVA	CLC532A (GEN)	5962-9203501MCA
AS5C2568EC-35L/883C	5962-8855205MA	DG528 (GEN)	5962-8768901VA	MAX532A (GEN)	5962-9566701MEA
AS5C2568ECW-35L/88	5962-8855205YA	529/BCA	5962-8757202CA	MAX532BMJE/883B	5962-9566702MEA
AS5C2568F-35L/883C	5962-8855205TA	529/BDA	5962-8757202DA	SL532AC (GEN)	5962-9052101XA
MT5C2568C-35/883C	5962-8866205NA	ADG529A (GEN)	5962-9063502M2A	UHC532/883	5962-8960403DA
MT5C2568EC-35/883C	5962-8866205UA	ADG529A (GEN)	5962-9063502MVA	UHD532/883	5962-8960403CA
MT5C2568ECW-35/883	5962-8866205YA	MN5290 (GEN)	5962-8956301HXA	HA-5320 (GEN)	5962-9306302M2A
MT5C2568F-35/883C	5962-8866205TA	MN5291 (GEN)	5962-8956302HXA	HA-5320 (GEN)	5962-9306302MCA
AS5C2568C-45L/883C	5962-8855209UA	MN5295	5962-8956901HXA	53252-107	5962-0324701HYA
AS5C2568CW-45L/883	5962-8855209XA	HCPL-5301	5962-9685201HPC	53252-108	5962-0324701HYC
AS5C2568ECW-45L/88	5962-8855209YA	HCPL-5301#100	5962-9685201HYA	53252-117	5962-0324701HXA
AS5C2568F-45L/883C	5962-8855209TA	HCPL-5301#100	5962-9685201HYC	53252-118	5962-0324701HXC
MT5C2568C-45/883C	5962-8866204NA	HCPL-5301#200	5962-9685201HPA	53252-127	5962-0324701HZA
MT5C2568EC-45/883C	5962-8866204UA	HCPL-5301#300	5962-9685201HXA	53252-128	5962-0324701HZC
MT5C2568ECW-45/883	5962-8866204YA	HCPL-530K	5962-9685201KPC	CLC533 (GEN)	5962-9320301M2A
MT5C2568F-45/883C	5962-8866204TA	HCPL-530K#200	5962-9685201KPA	CLC533 (GEN)	5962-9320301MEA
AS5C2568C-55L/883C	5962-8855208UA	SL531 (GEN)	5962-9208401MXA	HA4-5330/883	5962-87677012A
AS5C2568CW-55L/883	5962-8855208XA	53111-1EPA	5962-9314001EPA	HA-5330 (GEN)	5962-8767701CA
AS5C2568EC-55L/883C	5962-8855208MA	53111-1EPC	5962-9314001EPC	5336-T (GEN)	5962-9469001MXA
AS5C2568ECW-55L/88	5962-8855208YA	53111-1EXA	5962-9314001EXA	AD534TD/QMLV	5962-9053701VCA
AS5C2568F-55L/883C	5962-8855208TA	53111-1EXC	5962-9314001EXC	AD534TH/QMLV	5962-9053701VIA
MT5C2568C-55/883C	5962-8866203NA	53111-1HPA	5962-9314001HPA	DG534 (GEN)	5962-9060201MRA
MT5C2568EC-55/883C	5962-8866203UA	53111-1HPC	5962-9314001HPC	HA-5340 (GEN)	5962-9306301M2A
MT5C2568ECW-55/883	5962-8866203YA	53111-1HXA	5962-9314001HXA	HA-5340 (GEN)	5962-9306301MCA
AS5C2568C-70L/883C	5962-8855207UA	53111-1HXC	5962-9314001HXC	5341-035 (GEN)	5962-94B0201MTA
AS5C2568CW-70L/883	5962-8855207XA	53111-1HYA	5962-9314001HYA	5341-035 (GEN)	5962-94B0201QTA
AS5C2568EC-70L/883C	5962-8855207MA	53111-1HYC	5962-9314001HYC	5342-031 (GEN)	5962-94B0201MYA
AS5C2568ECW-70L/88	5962-8855207YA	53111-1HZA	5962-9314001HZA	5342-031 (GEN)	5962-94B0201QYA
AS5C2568F-70L/883C	5962-8855207TA	53111-1HZC	5962-9314001HZC	5343-048 (GEN)	5962-99A1601QXC
MT5C2568C-100883C	5962-8866201NA	53111-2EPA	5962-9314002EPA	5343-049 (GEN)	5962-97A1601QXA
MT5C2568C-70/883C	5962-8866202NA	53111-2EPC	5962-9314002EPC	5343-050 (GEN)	5962-97A1701QXC
MT5C2568EC-70/883C	5962-8866202UA	53111-2EXA	5962-9314002EXA	5344-021 (GEN)	5962-94B0201MZA
MT5C2568ECW-70/883	5962-8866202YA	53111-2EXC	5962-9314002EXC	5344-021 (GEN)	5962-94B0201QZA
MT5C2568F-70/883C	5962-8866202TA	53111-2HPA	5962-9314002HPA	5345-005 (GEN)	5962-99A1401QXC
AD526 (GEN)	5962-9089401MEA	53111-2HPC	5962-9314002HPC	5345-029 (GEN)	5962-99A1901QXC
ADG526ATE/883B	5962-89710013A	53111-2HXA	5962-9314002HXA	5345-034 (GEN)	5962-99A1201QXC
ADG526ATQ/883B	5962-8971001XA	53111-2HXC	5962-9314002HXC	IH5352 (GEN)	5962-8875001EA
527 (GEN)	5962-8757201CA	53111-2HYA	5962-9314002HYA	5352-037 (GEN)	5962-94B0201MUA
527 (GEN)	5962-8757201DA	53111-2HYC	5962-9314002HYC	5352-037 (GEN)	5962-94B0201QUA
ADG527A (GEN)	5962-8971002XA	53111-2HZA	5962-9314002HZA	5352-044 (GEN)	5962-98A0501QXC
ADG527ATE/883B	5962-89710023A	53111-2HZC	5962-9314002HZC	5353-035 (GEN)	5962-98A0101QXC
MSK5275-12H	5962-0323209HXC	53111-3HPA	5962-9314003HPA	AD536ASD/883B	5962-8980501CA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
AD536ASE/883B	5962-89805012A	54ACTS00 (GEN)	5962H9651301VXA	SNJ54HC00W	8403701DA
AD536ASH/883B	5962-89805011A	54HC00 (GEN)	5962-8403701VXA	SNJ54LVC00AFK	5962-9753301Q2A
DG538A (GEN)	5962-8976001MXA	54HC00 (GEN)	8403701AA	SNJ54LVC00AJ	5962-9753301QCA
L5380 (GEN)	5962-9054801MQA	54HC00 (GEN)	8403701BA	SNJ54LVC00AW	5962-9753301QDA
L5380 (GEN)	5962-9054801MXA	54HC00 (GEN)	8403701XA	SNV54AC00J-SP	5962-8754903VCA
L53C80 (GEN)	5962-9054802MXA	54LVC00A (GEN)	5962-9753301V2A	SNV54AC00W-SP	5962-8754903VDA
L53C80 (GEN)	5962-9054802MYA	54LVC00A (GEN)	5962-9753301VCA	SNV54HC00J	5962-8403701VCA
AD539SD/883B	5962-8980901EA	ADS5400MHFSV	5962-0924001VXC	SNV54HC00W	5962-8403701VDA
AD539SE/883B	5962-89809012A	CD54HC00F3A	8403701CA	SNV54LVC00AW	5962-9753301VDA
HCTS540DMSR	5962R9577601VRC	CD54HCT00F3A	5962-8683101CA	SNVR54AC00J	5962R8754903VCA
HCTS540HMSR	5962R9577601V9A	JM54ACT00B2A	5962-8769901B2A	SNVR54AC00W	5962R8754903VDA
HCTS540KMSR	5962R9577601VXC	JM54ACT00BCA	5962-8769901BCA	UT54ACS00E-Q-DIEG	5962G9651203Q9B
54AC00 (GEN)	5962-8754901VXA	JM54ACT00BDA	5962-8769901BDA	UT54ACS00E-Q-DIEH	5962H9651202Q9B
54AC00/QCA	5962-8754901CA	RHFAC00D03Q	5962F8754901CC	UT54ACS00EUQAG	5962G9651203QXA
54AC00/QDA	5962-8754901DA	RHFAC00D03V	5962F8754901VCC	UT54ACS00EUQAH	5962H9651202QXA
54AC00DMQB	5962-8754901CA	RHFAC00D04Q	5962F8754901CA	UT54ACS00EUQCG	5962G9651203QXC
54AC00FMQB	5962-8754901DA	RHFAC00D04V	5962F8754901VCA	UT54ACS00EUQCH	5962H9651202QXC
54AC00LMQB	5962-87549012A	RHFAC00K01Q	5962F8754901XC	UT54ACS00EUVAG	5962G9651203VXA
54AC00XA	5962-8754901XA	RHFAC00K01V	5962F8754901VXC	UT54ACS00EUVAH	5962H9651202VXA
54ACS00 (GEN)	5962H9651201Q9A	RHFAC00K02Q	5962F8754901XA	UT54ACS00EUVCG	5962G9651203VXC
54ACS00 (GEN)	5962H9651201QCA	RHFAC00K02V	5962F8754901VXA	UT54ACS00EUVCH	5962H9651202VXC
54ACS00 (GEN)	5962H9651201QXA	RHFAC00K03V	5962F8754901VYC	UT54ACS00E-V-DIEG	5962G9651203V9B
54ACS00 (GEN)	5962H9651201V9A	RHFAC00K04V	5962F8754901VYA	UT54ACS00E-V-DIEH	5962H9651202V9B
54ACS00 (GEN)	5962H9651201VCA	RHFACT00K01Q	5962F8769903QXC	UT54ACS00-Q-DIEG	5962G9651201Q9B
54ACS00 (GEN)	5962H9651201VXA	RHFACT00K01V	5962F8769903VXC	UT54ACS00UQAG	5962G9651201QXA
54ACT00 (GEN)	5962-87699012A	RHFACT00K02Q	5962F8769903QXA	UT54ACS00UQCG	5962G9651201QXC
54ACT00 (GEN)	5962-8769901CA	RHFACT00K02V	5962F8769903VXA	UT54ACS00UVAG	5962G9651201VXA
54ACT00 (GEN)	5962-8769901DA	RHFACT00K03Q	5962F8769903QCC	UT54ACS00UVCG	5962G9651201VXC
54ACT00 (GEN)	5962-8769901S2A	RHFACT00K03V	5962F8769903VCC	UT54ACS00-V-DIEG	5962G9651201V9B
54ACT00 (GEN)	5962-8769901SCA	RHFACT00K03V	5962F8769903VYC	UT54ACTS00E-QDIEG	5962G9651303Q9B
54ACT00 (GEN)	5962-8769901SDA	RHFACT00K04Q	5962F8769903QCA	UT54ACTS00E-QDIEH	5962H9651302Q9B
54ACT00 (GEN)	5962-8769903QXA	RHFACT00K04V	5962F8769903VCA	UT54ACTS00EUQAG	5962G9651303QXA
54ACT00 (GEN)	5962-8769903VXA	RHFACT00K04V	5962F8769903VYA	UT54ACTS00EUQAH	5962H9651302QXA
54ACT00 (GEN)	5962R8769901B2A	SNJ54AC00FK	5962-87549012A	UT54ACTS00EUQCG	5962G9651303QXC
54ACT00 (GEN)	5962R8769901BCA	SNJ54AC00J	5962-8754901CA	UT54ACTS00EUQCH	5962H9651302QXC
54ACT00 (GEN)	5962R8769901BDA	SNJ54AC00W	5962-8754901DA	UT54ACTS00EUVAG	5962G9651303VXA
54ACT00 (GEN)	5962R8769901S2A	SNJ54ACT00FK	5962-8769901M2A	UT54ACTS00EUVAH	5962H9651302VXA
54ACT00 (GEN)	5962R8769901SCA	SNJ54ACT00J	5962-8769901MCA	UT54ACTS00EUVCG	5962G9651303VXC
54ACT00 (GEN)	5962R8769901SDA	SNJ54ACT00W	5962-8769901MDA	UT54ACTS00EUVCH	5962H9651302VXC
54ACT00 (GEN)	5962R8769901SZA	SNJ54AHC00FK	5962-9682201Q2A	UT54ACTS00E-VDIEG	5962G9651303V9B
54ACT00/BCA	5962-8769901BCA	SNJ54AHC00J	5962-9682201QCA	UT54ACTS00E-VDIEH	5962H9651302V9B
54ACT00/BDA	5962-8769901BDA	SNJ54AHC00W	5962-9682201QDA	UT54ACTS00-QDIEG	5962G9651301Q9B
54ACT00/QCA	5962-8769901MCA	SNJ54AHCT00FK	5962-9682301Q2A	UT54ACTS00-UQAG	5962G9651301QXA
54ACT00/QDA	5962-8769901MDA	SNJ54AHCT00J	5962-9682301QCA	UT54ACTS00-UQCG	5962G9651301QXC
54ACT00DMQB	5962-8769901MCA	SNJ54AHCT00W	5962-9682301QDA	UT54ACTS00-UVAG	5962G9651301VXA
54ACT00FMQB	5962-8769901MDA	SNJ54ALS00AFK	5962-86833012A	UT54ACTS00-UVCG	5962G9651301VXC
54ACT00LMQB	5962-8769901M2A	SNJ54ALS00AW	5962-8683301DA	UT54ACTS00-VDIEG	5962G9651301V9B
54ACTS00 (GEN)	5962H9651301Q9A	SNJ54F00FK	5962-9757701Q2A	54AC00/Q2A	5962-87549012A
54ACTS00 (GEN)	5962H9651301QCA	SNJ54F00J	5962-9757701QCA	54ACT00/B2A	5962-8769901B2A
54ACTS00 (GEN)	5962H9651301QXA	SNJ54F00W	5962-9757701QDA	54ACT00/Q2A	5962-8769901M2A
54ACTS00 (GEN)	5962H9651301V9A	SNJ54HC00FK	84037012A	512K8-12 (GEN)	5962-9561328H9A
54ACTS00 (GEN)	5962H9651301VCA	SNJ54HC00J	8403701CA	512K8-12 (GEN)	5962-9561329H9A

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
AS5C4008CW-12	5962-9560016QXA	512K8-35 (GEN)	5962-9561321H9A	512K8-45 (GEN)	5962-9561325HMA
AS5C4008CW-12L	5962-9560015QXA	512K8-35 (GEN)	5962-9561326H9A	512K8-55 (GEN)	5962-9561305HMA
AS5C4008EC-12	5962-9560016QZA	512K8-35 (GEN)	5962-9561326HTA	512K8-55 (GEN)	5962-9561319HMA
AS5C4008EC-12L	5962-9560015QZA	512K8-35 (GEN)	5962-9561326HYA	HCPL-5401	5962-8957001PC
AS5C4008ECJ-12	5962-9560016QUA	AS5C4008CW-35	5962-9560002MXA	HCPL-5401#100	5962-8957001YA
AS5C4008ECJ-12L	5962-9560015QUA	AS5C4008CW-35L	5962-9560006MXA	HCPL-5401#100	5962-8957001YC
AS5C4008F-12	5962-9560016Q9A	AS5C4008CW-35L	5962-9560010QXA	HCPL-5401#200	5962-8957001PA
AS5C4008F-12L	5962-9560015Q9A	AS5C4008EC-35	5962-9560002MZA	HCPL-5401#300	5962-8957001XA
AS5C4008CW-15	5962-9560014QXA	AS5C4008EC-35L	5962-9560006MZA	LMH5401-RHA	5962R1721401VXC
AS5C4008CW-15L	5962-9560013QXA	AS5C4008EC-35L	5962-9560010QZA	LMH5401-SP	5962-1721401VXC
AS5C4008EC-15	5962-9560014QZA	AS5C4008ECJ-35	5962-9560002MUA	54AC02 (GEN)	5962-8761201VXA
AS5C4008EC-15L	5962-9560013QZA	AS5C4008ECJ-35L	5962-9560006MUA	54AC02 (GEN)	5962-8761201XA
AS5C4008ECJ-15	5962-9560014QUA	AS5C4008ECJ-35L	5962-9560010QUA	54AC02 (GEN)	5962F87612019A
AS5C4008ECJ-15L	5962-9560013QUA	AS5C4008F-35	5962-9560002M9A	54AC02/Q2A	5962-87612012A
AS5C4008F-15	5962-9560014Q9A	AS5C4008F-35L	5962-9560006M9A	54AC02/QCA	5962-8761201CA
AS5C4008F-15L	5962-9560013Q9A	AS5C4008F-35L	5962-9560010Q9A	54AC02/QDA	5962-8761201DA
512K8-17 (GEN)	5962-9561310H9A	512K8-45 (GEN)	5962-9561306H9A	54AC02DMQB	5962-8761201CA
512K8-17 (GEN)	5962-9561324H9A	512K8-45 (GEN)	5962-9561311H9A	54AC02FMQB	5962-8761201DA
512K8-20 (GEN)	5962-9561309H9A	512K8-45 (GEN)	5962-9561320H9A	54AC02LMQB	5962-87612012A
512K8-20 (GEN)	5962-9561323H9A	512K8-45 (GEN)	5962-9561325H9A	54ACS02 (GEN)	5962H9651401Q9A
AS5C4008CW-20	5962-9560004MXA	512K8-45 (GEN)	5962-9561325HTA	54ACS02 (GEN)	5962H9651401QCA
AS5C4008CW-20L	5962-9560008MXA	512K8-45 (GEN)	5962-9561325HYA	54ACS02 (GEN)	5962H9651401QXA
AS5C4008CW-20L	5962-9560012QXA	AS5C4008CW-45	5962-9560001MXA	54ACS02 (GEN)	5962H9651401V9A
AS5C4008EC-20	5962-9560004MZA	AS5C4008CW-45L	5962-9560005MXA	54ACS02 (GEN)	5962H9651401VCA
AS5C4008EC-20L	5962-9560008MZA	AS5C4008CW-45L	5962-9560009QXA	54ACS02 (GEN)	5962H9651401VXA
AS5C4008EC-20L	5962-9560012QZA	AS5C4008EC-45	5962-9560001MZA	54ACT02 (GEN)	5962-8979101QXA
AS5C4008ECJ-20	5962-9560004MUA	AS5C4008EC-45L	5962-9560005MZA	54ACT02 (GEN)	5962-8979101VXA
AS5C4008ECJ-20L	5962-9560008MUA	AS5C4008EC-45L	5962-9560009QZA	54ACTQ02/QCA	5962-9218101MCA
AS5C4008ECJ-20L	5962-9560012QUA	AS5C4008ECJ-45	5962-9560001MUA	54ACTQ02/QDA	5962-9218101MDA
AS5C4008F-20	5962-9560004M9A	AS5C4008ECJ-45L	5962-9560005MUA	54ACTQ02DMQB	5962-9218101MCA
AS5C4008F-20L	5962-9560008M9A	AS5C4008ECJ-45L	5962-9560009QUA	54ACTQ02FMQB	5962-9218101MDA
AS5C4008F-20L	5962-9560012Q9A	AS5C4008F-45	5962-9560001M9A	54ACTQ02LMQB	5962-9218101M2A
512K8-25 (GEN)	5962-9561308H9A	AS5C4008F-45L	5962-9560005M9A	54ACTS02 (GEN)	5962H9651501Q9A
512K8-25 (GEN)	5962-9561313H9A	AS5C4008F-45L	5962-9560009Q9A	54ACTS02 (GEN)	5962H9651501QCA
512K8-25 (GEN)	5962-9561322H9A	512K8-55 (GEN)	5962-9561305H9A	54ACTS02 (GEN)	5962H9651501QXA
512K8-25 (GEN)	5962-9561327H9A	512K8-55 (GEN)	5962-9561319H9A	54ACTS02 (GEN)	5962H9651501V9A
512K8-25 (GEN)	5962-9561327HTA	512K8-12 (GEN)	5962-9561328HMA	54ACTS02 (GEN)	5962H9651501VCA
512K8-25 (GEN)	5962-9561327HYA	512K8-12 (GEN)	5962-9561329HMA	54ACTS02 (GEN)	5962H9651501VXA
AS5C4008CW-25	5962-9560003MXA	512K8-17 (GEN)	5962-9561310HMA	54ALS02 (GEN)	5962-8684401DA
AS5C4008CW-25L	5962-9560007MXA	512K8-17 (GEN)	5962-9561324HMA	54HC02 (GEN)	5962-8404101VDA
AS5C4008CW-25L	5962-9560011QXA	512K8-20 (GEN)	5962-9561309HMA	54HC02 (GEN)	5962-8404101VXA
AS5C4008EC-25	5962-9560003MZA	512K8-20 (GEN)	5962-9561323HMA	54HC02 (GEN)	8404101AA
AS5C4008EC-25L	5962-9560007MZA	512K8-25 (GEN)	5962-9561308HMA	54HC02 (GEN)	8404101BA
AS5C4008EC-25L	5962-9560011QZA	512K8-25 (GEN)	5962-9561313HMA	54HC02 (GEN)	8404101XA
AS5C4008ECJ-25	5962-9560003MUA	512K8-25 (GEN)	5962-9561322HMA	CD54HC02F3A	8404101CA
AS5C4008ECJ-25L	5962-9560007MUA	512K8-25 (GEN)	5962-9561327HMA	CD54HCT02F3A	5962-8975101CA
AS5C4008ECJ-25L	5962-9560011QUA	512K8-35 (GEN)	5962-9561307HMA	RHFAC02D03Q	5962F8761201CC
AS5C4008F-25	5962-9560003M9A	512K8-35 (GEN)	5962-9561312HMA	RHFAC02D03V	5962F8761201VCC
AS5C4008F-25L	5962-9560007M9A	512K8-35 (GEN)	5962-9561326HMA	RHFAC02D04Q	5962F8761201CA
AS5C4008F-25L	5962-9560011Q9A	512K8-45 (GEN)	5962-9561306HMA	RHFAC02D04V	5962F8761201VCA
512K8-35 (GEN)	5962-9561307H9A	512K8-45 (GEN)	5962-9561311HMA	RHFAC02K01Q	5962F8761201XC
512K8-35 (GEN)	5962-9561312H9A	512K8-45 (GEN)	5962-9561320HMA	RHFAC02K01V	5962F8761201VXC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
RHFAC02K02Q	5962F8761201XA	UT54ACTS02EUQVH	5962H9651502VXA	UT54LVDS031UCC	5962F9583303QXC
RHFAC02K02V	5962F8761201VXA	UT54ACTS02EUVAG	5962G9651503VXA	UT54LVDS031UCC	5962F9583303VXC
RHFAC02K03V	5962F8761201VYC	UT54ACTS02EUVCG	5962G9651503VXC	UT54LVDS031-VDIE	5962F9583303V9A
RHFAC02K04V	5962F8761201VYA	UT54ACTS02EUVCH	5962H9651502VXC	UT54LVDS032LV_QDIE	5962H9865202Q9A
RHFACT02K01Q	5962F8979101QXC	UT54ACTS02E-V-DIEG	5962G9651503V9B	UT54LVDS032LV_QDIE	5962R9865203Q9A
RHFACT02K01V	5962F8979101VXC	UT54ACTS02E-V-DIEH	5962H9651502V9B	UT54LVDS032LV_VDIE	5962H9865202V9A
RHFACT02K02Q	5962F8979101QXA	UT54ACTS02-Q-DIEG	5962G9651501Q9B	UT54LVDS032LV_VDIE	5962R9865203V9A
RHFACT02K02V	5962F8979101VXA	UT54ACTS02-UQAG	5962G9651501QXA	UT54LVDS032LVE_QDI	5962H9865204Q9A
SNJ54AHC02FK	5962-9752801Q2A	UT54ACTS02-UQCG	5962G9651501QXC	UT54LVDS032LVE_QDI	5962R9865205Q9A
SNJ54AHC02J	5962-9752801QCA	UT54ACTS02-UVAG	5962G9651501VXA	UT54LVDS032LVE_VDI	5962H9865204V9A
SNJ54AHC02W	5962-9752801QDA	UT54ACTS02-UVCG	5962G9651501VXC	UT54LVDS032LVE_VDI	5962R9865205V9A
SNJ54AHCT02FK	5962-9757101Q2A	UT54ACTS02-V-DIEG	5962G9651501V9B	UT54LVDS032LVEUCA	5962H9865204QYA
SNJ54AHCT02J	5962-9757101QCA	54ACTQ02/Q2A	5962-9218101M2A	UT54LVDS032LVEUCA	5962H9865204VYA
SNJ54AHCT02W	5962-9757101QDA	SNJ54HC03FK	5962-87647012A	UT54LVDS032LVEUCA	5962R9865205QYA
SNJ54ALS02FK	5962-86844012A	SNJ54HC03J	5962-8764701CA	UT54LVDS032LVEUCA	5962R9865205VYA
SNJ54F02FK	5962-9757801Q2A	UT54LVDM031LVUCA	5962F0620101QXA	UT54LVDS032LVEUCC	5962H9865204QYC
SNJ54F02J	5962-9757801QCA	UT54LVDM031LVUCA	5962F0620101VXA	UT54LVDS032LVEUCC	5962H9865204VYC
SNJ54F02W	5962-9757801QDA	UT54LVDM031LVUCC	5962F0620101QXC	UT54LVDS032LVEUCC	5962R9865205QYC
SNJ54HC02FK	84041012A	UT54LVDM031LVUCC	5962F0620101VXC	UT54LVDS032LVEUCC	5962R9865205VYC
SNJ54HC02J	8404101CA	UT54LVDS031LV_QDIE	5962H9865102Q9A	UT54LVDS032LVTQ9A	5962H0420101Q9A
SNJ54HC02W	8404101DA	UT54LVDS031LV_QDIE	5962R9865103Q9A	UT54LVDS032LVTQ9A	5962R0420102Q9A
SNJ54LVC02AFK	5962-9760401Q2A	UT54LVDS031LV_VDIE	5962H9865102V9A	UT54LVDS032LVTUCA	5962H0420101QYA
SNJ54LVC02AJ	5962-9760401QCA	UT54LVDS031LV_VDIE	5962R9865103V9A	UT54LVDS032LVTUCA	5962H0420101VYA
SNJ54LVC02AW	5962-9760401QDA	UT54LVDS031LVE_QDI	5962H9865104Q9A	UT54LVDS032LVTUCA	5962R0420102QYA
SNJ54S02J	5962-0625001VCA	UT54LVDS031LVE_QDI	5962R9865105Q9A	UT54LVDS032LVTUCA	5962R0420102VYA
SNV54AC02J-SP	5962-8761203VCA	UT54LVDS031LVE_VDI	5962H9865104V9A	UT54LVDS032LVTUCC	5962H0420101QYC
SNV54AC02W-SP	5962-8761203VDA	UT54LVDS031LVE_VDI	5962R9865105V9A	UT54LVDS032LVTUCC	5962H0420101VYC
SNV54HC02J	5962-8404101VCA	UT54LVDS031LVEUCA	5962H9865104QYA	UT54LVDS032LVTUCC	5962R0420102QYC
UT54ACS02E-Q-DIEG	5962G9651403Q9A	UT54LVDS031LVEUCA	5962H9865104VYA	UT54LVDS032LVTUCC	5962R0420102VYC
UT54ACS02E-Q-DIEH	5962H9651402Q9A	UT54LVDS031LVEUCA	5962R9865105QYA	UT54LVDS032LVTV9A	5962H0420101V9A
UT54ACS02EUQAG	5962G9651403QXA	UT54LVDS031LVEUCA	5962R9865105VYA	UT54LVDS032LVTV9A	5962R0420102V9A
UT54ACS02EUQAH	5962H9651402QXA	UT54LVDS031LVEUCC	5962H9865104QYC	UT54LVDS032LVUCA	5962H9865202QYA
UT54ACS02EUQCG	5962G9651403QXC	UT54LVDS031LVEUCC	5962H9865104VYC	UT54LVDS032LVUCA	5962H9865202VYA
UT54ACS02EUQCH	5962H9651402QXC	UT54LVDS031LVEUCC	5962R9865105QYC	UT54LVDS032LVUCA	5962R9865203QYA
UT54ACS02EUVAG	5962G9651403VXA	UT54LVDS031LVEUCC	5962R9865105VYC	UT54LVDS032LVUCA	5962R9865203VYA
UT54ACS02EUVAH	5962H9651402VXA	UT54LVDS031LVUCA	5962H9865102QYA	UT54LVDS032LVUCC	5962H9865202QYC
UT54ACS02EUVCG	5962G9651403VXC	UT54LVDS031LVUCA	5962H9865102VYA	UT54LVDS032LVUCC	5962H9865202VYC
UT54ACS02EUVCH	5962H9651402VXC	UT54LVDS031LVUCA	5962R9865103QYA	UT54LVDS032LVUCC	5962R9865203QYC
UT54ACS02E-V-DIEG	5962G9651403V9A	UT54LVDS031LVUCA	5962R9865103VYA	UT54LVDS032LVUCC	5962R9865203VYC
UT54ACS02E-V-DIEH	5962H9651402V9A	UT54LVDS031LVUCC	5962H9865102QYC	UT54LVDS032-QDIE	5962F9583403Q9A
UT54ACS02-Q-DIEG	5962G9651401Q9A	UT54LVDS031LVUCC	5962H9865102VYC	UT54LVDS032-QDIE	5962H9583402Q9A
UT54ACS02-UQAG	5962G9651401QXA	UT54LVDS031LVUCC	5962R9865103QYC	UT54LVDS032UCA	5962H9583402QXA
UT54ACS02-UQCG	5962G9651401QXC	UT54LVDS031LVUCC	5962R9865103VYC	UT54LVDS032UCA	5962H9583402VXA
UT54ACS02-UVAG	5962G9651401VXA	UT54LVDS031-QDIE	5962H9583302Q9A	UT54LVDS032UCC	5962H9583402QXC
UT54ACS02-UVCG	5962G9651401VXC	UT54LVDS031UCA	5962H9583302QXA	UT54LVDS032UCC	5962H9583402VXC
UT54ACS02-V-DIEG	5962G9651401V9A	UT54LVDS031UCA	5962H9583302VXA	UT54LVDS032-VDIE	5962F9583403V9A
UT54ACTS02E-Q-DIEG	5962G9651503Q9B	UT54LVDS031UCC	5962H9583302QXC	UT54LVDS032-VDIE	5962H9583402V9A
UT54ACTS02E-Q-DIEH	5962H9651502Q9B	UT54LVDS031UCC	5962H9583302VXC	UT54LVDS032UCA	5962F9583403QXA
UT54ACTS02EUQAG	5962G9651503QXA	UT54LVDS031-VDIE	5962H9583302V9A	UT54LVDS032UCA	5962F9583403VXA
UT54ACTS02EUQAH	5962H9651502QXA	UT54LVDS031-QDIE	5962F9583303Q9A	UT54LVDS032UCC	5962F9583403QXC
UT54ACTS02EUQCG	5962G9651503QXC	UT54LVDS031UCA	5962F9583303QXA	UT54LVDS032UCC	5962F9583403VXC
UT54ACTS02EUQCH	5962H9651502QXC	UT54LVDS031UCA	5962F9583303VXA	54AC04 (GEN)	5962-8760901VXA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
54AC04 (GEN)	5962-8760901XA	SNJ54ACT04FK	5962-89734012A	UT54ACTS04EUQAH	5962H9651702QXA
54AC04/QCA	5962-8760901CA	SNJ54ACT04J	5962-8973401CA	UT54ACTS04EUQCG	5962G9651703QXC
54AC04/QDA	5962-8760901DA	SNJ54ACT04W	5962-8973401DA	UT54ACTS04EUQCH	5962H9651702QXC
54AC04DMQB	5962-8760901CA	SNJ54AHC04FK	5962-9680501Q2A	UT54ACTS04EUVAG	5962G9651703VXA
54AC04FMQB	5962-8760901DA	SNJ54AHC04J	5962-9680501QCA	UT54ACTS04EUVAH	5962H9651702VXA
54AC04LMQB	5962-87609012A	SNJ54AHC04W	5962-9680501QDA	UT54ACTS04EUVCG	5962G9651703VXC
54ACS04 (GEN)	5962H9651601Q9A	SNJ54AHCT04FK	5962-9680401Q2A	UT54ACTS04EUVCH	5962H9651702VXC
54ACS04 (GEN)	5962H9651601QCA	SNJ54AHCT04J	5962-9680401QCA	UT54ACTS04E-V-DIEG	5962G9651703V9B
54ACS04 (GEN)	5962H9651601QXA	SNJ54AHCT04W	5962-9680401QDA	UT54ACTS04E-V-DIEH	5962H9651702V9B
54ACS04 (GEN)	5962H9651601V9A	SNJ54AHC04W	5962-9680301QDA	UT54ACTS04PQAH	5962H9651701QCA
54ACS04 (GEN)	5962H9651601VCA	SNJ54ALS04BFK	5962-86843012A	UT54ACTS04PQCH	5962H9651701QCC
54ACS04 (GEN)	5962H9651601VXA	SNJ54ALS04BW	5962-8684301DA	UT54ACTS04PVAH	5962H9651701VCA
54ACT04 (GEN)	5962-8973401V2A	SNJ54F04FK	5962-9759301Q2A	UT54ACTS04PVCH	5962H9651701VCC
54ACT04 (GEN)	5962-8973403VXA	SNJ54F04J	5962-9759301QCA	UT54ACTS04-Q-DIEH	5962H9651701Q9A
54ACT04 (GEN)	5962-8973403XA	SNJ54F04W	5962-9759301QDA	UT54ACTS04UQAH	5962H9651701QXA
54ACTQ04DMQB	5962-8973401CA	SNJ54HC04FK	84098012A	UT54ACTS04UQCH	5962H9651701QXC
54ACTQ04FMQB	5962-8973401DA	SNJ54HC04J	8409801CA	UT54ACTS04UVAH	5962H9651701VXA
54ACTQ04LMQB	5962-89734012A	SNJ54HC04W	8409801DA	UT54ACTS04UVCH	5962H9651701VXC
54AHC04 (GEN)	5962-9680301Q2A	SNJ54HCT04FK	5962-89747012A	UT54ACTS04-V-DIEH	5962H9651701V9A
54AHC04 (GEN)	5962-9680301QCA	SNJ54HCT04J	5962-8974701CA	54AC04/Q2A	5962-87609012A
54F04/Q2A	5962-9759301Q2A	SNJ54HCU04FK	86010012A	54AC05 (GEN)	5962-9059001S2A
54F04/QCA	5962-9759301QCA	SNJ54HCU04J	8601001CA	54AC05 (GEN)	5962-9059001SCA
54F04/QDA	5962-9759301QDA	SNJ54LVC04AFK	5962-9760501Q2A	54AC05 (GEN)	5962-9059001SDA
54F04DMQB	5962-9759301QCA	SNJ54LVC04AJ	5962-9760501QCA	54AC05/BCA	5962-9059001BCA
54F04FMQB	5962-9759301QDA	SNJ54LVC04AW	5962-9760501QDA	54AC05/BDA	5962-9059001BDA
54F04LMQB	5962-9759301Q2A	SNV54ACT04J	5962-8973401VCA	54AC05/QCA	5962-9059001MCA
54HC04 (GEN)	5962-8409801VXA	SNV54ACT04W	5962-8973401VDA	54AC05/QDA	5962-9059001MDA
54HC04 (GEN)	8409801BA	SNV54HC04J	5962-8409801VCA	54AC05B2A	5962-9059001B2A
54HC04 (GEN)	8409801XA	SNV54HC04W	5962-8409801VDA	54AC05BCA	5962-9059001BCA
RHFAC04D03Q	5962F8760901CC	SNV54HCT04J	5962-8974701VCA	54AC05BDA	5962-9059001BDA
RHFAC04D03V	5962F8760901VCC	SNV54HCT04W	5962-8974701VDA	54AC05DMQB	5962-9059001MCA
RHFAC04D04Q	5962F8760901CA	UT54ACS04E-QDIEG	5962G9651603Q9B	54AC05FMQB	5962-9059001MDA
RHFAC04D04V	5962F8760901VCA	UT54ACS04E-QDIEH	5962H9651602Q9B	54AC05LMQB	5962-9059001M2A
RHFAC04K01Q	5962F8760901XC	UT54ACS04E-UQAG	5962G9651603QXA	SNJ54ALS05AFK	5962-88540012A
RHFAC04K01V	5962F8760901VXC	UT54ACS04E-UQAH	5962H9651602QXA	SNJ54ALS05AJ	5962-8854001CA
RHFAC04K02Q	5962F8760901XA	UT54ACS04E-UQCG	5962G9651603QXC	SNJ54ALS05AW	5962-8854001DA
RHFAC04K02V	5962F8760901VXA	UT54ACS04E-UQCH	5962H9651602QXC	SNJ54HC05FK	5962-88718012A
RHFAC04K03V	5962F8760901VYC	UT54ACS04E-UVAG	5962G9651603VXA	SNJ54HC05J	5962-8871801CA
RHFAC04K04V	5962F8760901VYA	UT54ACS04E-UVAH	5962H9651602VXA	54AC05 (GEN)	5962R9059001B2A
RHFACT04D03Q	5962F8973403CC	UT54ACS04E-UVCG	5962G9651603VXC	54AC05 (GEN)	5962R9059001BCA
RHFACT04D03V	5962F8973403VCC	UT54ACS04E-UVCH	5962H9651602VXC	54AC05 (GEN)	5962R9059001BDA
RHFACT04D04Q	5962F8973403CA	UT54ACS04E-VDIEG	5962G9651603V9B	54AC05 (GEN)	5962R9059001S2A
RHFACT04D04V	5962F8973403VCA	UT54ACS04E-VDIEH	5962H9651602V9B	54AC05 (GEN)	5962R9059001SCA
RHFACT04K01Q	5962F8973403XC	UT54ACS04-QDIEG	5962G9651601Q9B	54AC05 (GEN)	5962R9059001SDA
RHFACT04K01V	5962F8973403VXC	UT54ACS04-UQAG	5962G9651601QXA	54AC05 (GEN)	5962R9059001SZA
RHFACT04K02Q	5962F8973403XA	UT54ACS04-UQCG	5962G9651601QXC	54AC05/B2A	5962-9059001B2A
RHFACT04K02V	5962F8973403VXA	UT54ACS04-UVAG	5962G9651601VXA	54AC05/Q2A	5962-9059001M2A
RHFACT04K03V	5962F8973403VYC	UT54ACS04-UVCG	5962G9651601VXC	CD54ACT05F3A	5962-9068601QCA
RHFACT04K04V	5962F8973403VYA	UT54ACS04-VDIEG	5962G9651601V9B	UT54LVDM055LV-Q-DI	5962F0620201Q9A
SNJ54AC04FK	5962-87609012A	UT54ACTS04E-Q-DIEG	5962G9651703Q9B	UT54LVDM055LVUCA	5962F0620201QXA
SNJ54AC04J	5962-8760901CA	UT54ACTS04E-Q-DIEH	5962H9651702Q9B	UT54LVDM055LVUCA	5962F0620201VXA
SNJ54AC04W	5962-8760901DA	UT54ACTS04EUQAG	5962G9651703QXA	UT54LVDM055LVUCC	5962F0620201QXC



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
UT54LVDM055LVUCC	5962F0620201VXC	RHFAC08K02Q	5962F8761501XA	UT54ACS08UQAG	5962G9651801QXA
UT54LVDM055LV-V-DI	5962F0620201V9A	RHFAC08K02V	5962F8761501VXA	UT54ACS08UQCG	5962G9651801QXC
SNJ54LS06FK	5962-9861701Q2A	RHFAC08K03V	5962F8761501VYC	UT54ACS08UVAG	5962G9651801VXA
SNJ54LS06J	5962-9861701QCA	RHFAC08K04V	5962F8761501VYA	UT54ACS08UVCG	5962G9651801VXC
54AC08 (GEN)	5962-8761501VXA	RHFACT08D03Q	5962F8954703CC	UT54ACS08-V-DIEG	5962G9651801V9A
54AC08 (GEN)	5962-8761501XA	RHFACT08D03V	5962F8954703VCC	UT54ACTS08E-QDIEG	5962G9651903Q9A
54AC08/QCA	5962-8761501CA	RHFACT08D04Q	5962F8954703CA	UT54ACTS08E-QDIEH	5962H9651902Q9A
54AC08/QDA	5962-8761501DA	RHFACT08D04V	5962F8954703VCA	UT54ACTS08EUQAG	5962G9651903QXA
54AC08DMQB	5962-8761501CA	RHFACT08K01Q	5962F8954703XC	UT54ACTS08EUQAH	5962H9651902QXA
54AC08FMQB	5962-8761501DA	RHFACT08K01V	5962F8954703VXC	UT54ACTS08EUQCG	5962G9651903QXC
54AC08LMQB	5962-87615012A	RHFACT08K02Q	5962F8954703XA	UT54ACTS08EUQCH	5962H9651902QXC
54ACS08 (GEN)	5962H9651801QCA	RHFACT08K02V	5962F8954703VXA	UT54ACTS08EUVAG	5962G9651903VXA
54ACS08 (GEN)	5962H9651801QXA	RHFACT08K03V	5962F8954703VYC	UT54ACTS08EUVAH	5962H9651902VXA
54ACS08 (GEN)	5962H9651801VCA	RHFACT08K04V	5962F8954703VYA	UT54ACTS08EUVCG	5962G9651903VXC
54ACS08 (GEN)	5962H9651801VXA	SNJ54AC08FK	5962-87615012A	UT54ACTS08EUVCH	5962H9651902VXC
54ACT08 (GEN)	5962-8954703VXA	SNJ54AC08J	5962-8761501CA	UT54ACTS08E-VDIEG	5962G9651903V9A
54ACT08 (GEN)	5962-8954703XA	SNJ54AC08W	5962-8761501DA	UT54ACTS08E-VDIEH	5962H9651902V9A
54ACTQ08 (GEN)	5962-8954702V2A	SNJ54ACT08FK	5962-89547022A	UT54ACTS08-QDIEG	5962G9651901Q9A
54ACTQ08 (GEN)	5962-8954702VCA	SNJ54ACT08J	5962-8954702CA	UT54ACTS08-UQAG	5962G9651901QXA
54ACTQ08 (GEN)	5962-8954702VDA	SNJ54ACT08W	5962-8954702DA	UT54ACTS08-UQCG	5962G9651901QXC
54ACTQ08 (GEN)	5962R89547022A	SNJ54AHC08FK	5962-9682001Q2A	UT54ACTS08-UVAG	5962G9651901VXA
54ACTQ08 (GEN)	5962R8954702CA	SNJ54AHC08J	5962-9682001QCA	UT54ACTS08-UVCG	5962G9651901VXC
54ACTQ08 (GEN)	5962R8954702DA	SNJ54AHC08W	5962-9682001QDA	UT54ACTS08-VDIEG	5962G9651901V9A
54ACTQ08 (GEN)	5962R8954702V2A	SNJ54AHCT08FK	5962-9682101Q2A	54AC08/Q2A	5962-87615012A
54ACTQ08 (GEN)	5962R8954702VCA	SNJ54AHCT08J	5962-9682101QCA	54ACTQ08/Q2A	5962-89547022A
54ACTQ08 (GEN)	5962R8954702VDA	SNJ54AHCT08W	5962-9682101QDA	54F09 (GEN)	5962-88723012A
54ACTQ08/QCA	5962-8954702CA	SNJ54ALS08FK	5962-86842012A	54F09 (GEN)	5962-8872301CA
54ACTQ08/QDA	5962-8954702DA	SNJ54ALS08J	5962-8684201CA	54F09 (GEN)	5962-8872301DA
54ACTQ08DMQB	5962-8954702CA	SNJ54ALS08W	5962-8684201DA	54HC09 (GEN)	5962-88620012A
54ACTQ08FMQB	5962-8954702DA	SNJ54HC08FK	84047012A	54HC09 (GEN)	5962-8862001CA
54ACTQ08LMQB	5962-89547022A	SNJ54HC08J	8404701CA	QP54LS09/B2A	80019012A
54ACTS08 (GEN)	5962H9651901Q9A	SNJ54HC08W	8404701DA	QP54LS09/B2C	80019012C
54ACTS08 (GEN)	5962H9651901QCA	SNJ54LVC08AFK	5962-9753401Q2A	QP54LS09/BCA	8001901CA
54ACTS08 (GEN)	5962H9651901QXA	SNJ54LVC08AJ	5962-9753401QCA	QP54LS09/BDA	8001901DA
54ACTS08 (GEN)	5962H9651901V9A	SNJ54LVC08AW	5962-9753401QDA	SL54LS09/B2A	80019012A
54ACTS08 (GEN)	5962H9651901VCA	SNV54AHCT08W	5962-9682101VDA	SL54LS09/B2C	80019012C
54ACTS08 (GEN)	5962H9651901VXA	SNV54ALS08J	5962-8684201VCA	SL54LS09/BCA	8001901CA
54AHCT08 (GEN)	5962-9682101VCA	SNV54HC08J	5962-8404701VCA	SL54LS09/BDA	8001901DA
54C08 (GEN)	7703601AA	SNV54HC08W	5962-8404701VDA	SNJ54ALS09FK	84142012A
54HC08 (GEN)	5962-8404701VXA	UT54ACS08E-Q-DIEG	5962G9651803Q9A	SNJ54ALS09J	8414201CA
54HC08 (GEN)	8404701BA	UT54ACS08E-Q-DIEH	5962H9651802Q9A	SNJ54ALS09W	8414201DA
54HC08 (GEN)	8404701XA	UT54ACS08EUQAG	5962G9651803QXA	SNJ54ALS09WA	8414201BA
CD54HC08F3A	8404701CA	UT54ACS08EUQAH	5962H9651802QXA	SNJ54LS09FK	80019012A
CD54HCT08F3A	5962-8688301CA	UT54ACS08EUQCG	5962G9651803QXC	SNJ54LS09J	8001901CA
MM54C08J/883B	7703601CA	UT54ACS08EUQCH	5962H9651802QXC	SNJ54LS09W	8001901DA
MM54C08W/883B	7703601DA	UT54ACS08EUVAG	5962G9651803VXA	HCPL-540K	5962-8957002KPC
RHFAC08D03Q	5962F8761501CC	UT54ACS08EUVAH	5962H9651802VXA	HCPL-540K#100	5962-8957002KYA
RHFAC08D03V	5962F8761501VCC	UT54ACS08EUVCG	5962G9651803VXC	HCPL-540K#100	5962-8957002KYC
RHFAC08D04Q	5962F8761501CA	UT54ACS08EUVCH	5962H9651802VXC	HCPL-540K#200	5962-8957002KPA
RHFAC08D04V	5962F8761501VCA	UT54ACS08E-V-DIEG	5962G9651803V9A	HCPL-540K#300	5962-8957002KXA
RHFAC08K01Q	5962F8761501XC	UT54ACS08E-V-DIEH	5962H9651802V9A	541 (GEN)	5962-8870102XA
RHFAC08K01V	5962F8761501VXC	UT54ACS08-Q-DIEG	5962G9651801Q9A	ACS541 (GEN)	5962F9671001VRC

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
ACS541 (GEN)	5962F9671001VXC	UT54ACS10PVAH	5962H9652001VCA	SNJ54ALS1034FK	84031012A
ACTS541 (GEN)	5962F9672601VRC	UT54ACS10PVCH	5962H9652001VCC	SNJ54ALS1034J	8403101CA
ACTS541 (GEN)	5962F9672601VXC	UT54ACS10UQAH	5962H9652001QXA	SNJ54AS1034A (GEN)	5962-88731012A
DG541 (GEN)	5962-9076401MEA	UT54ACS10UQCH	5962H9652001QXC	SNJ54AS1034A (GEN)	5962-8873101DA
HCTS541DMSR	5962R9575101VRC	UT54ACS10UVAH	5962H9652001VXA	SNJ54AS1034AJ	5962-8873101CA
HCTS541HMSR	5962R9575101V9A	UT54ACS10UVCH	5962H9652001VXC	54ALS1035 (GEN)	5962-8874201DA
HCTS541KMSR	5962R9575101VXC	UT54ACTS10PQAH	5962H9652101QCA	SNJ54ALS1035FK	5962-88742012A
MSK541-1B	5962-8870101XC	UT54ACTS10PQCH	5962H9652101QCC	SNJ54ALS1035J	5962-8874201CA
MSK541-1B (GEN)	5962-8870101XA	UT54ACTS10PVAH	5962H9652101VCA	54HC107 (GEN)	5962-85154012A
MSK541B	5962-8870103XC	UT54ACTS10PVCH	5962H9652101VCC	54HCT107 (GEN)	5962-9084901MCA
54AC10 (GEN)	5962-8761001VXA	UT54ACTS10UQAH	5962H9652101QXA	CD54HC107F3A	5962-8515401CA
54AC10 (GEN)	5962-8761001XA	UT54ACTS10UQCH	5962H9652101QXC	54AC109 (GEN)	5962-8955101VXA
54AC10/QCA	5962-8761001CA	UT54ACTS10UVAH	5962H9652101VXA	54AC109 (GEN)	5962-8955101XA
54AC10/QDA	5962-8761001DA	UT54ACTS10UVCH	5962H9652101VXC	54AC109/Q2A	5962-89551012A
54AC10DMQB	5962-8761001CA	54ALS1000A (GEN)	84059012A	54AC109/QEA	5962-8955101EA
54AC10FMQB	5962-8761001DA	54ALS1000A (GEN)	8405901BA	54AC109/QFA	5962-8955101FA
54AC10LMQB	5962-87610012A	54ALS1000A (GEN)	8405901CA	54AC109DMQB	5962-8955101EA
54ACT10 (GEN)	5962-9218202QXA	54ALS1000A (GEN)	8405901DA	54AC109FMQB	5962-8955101FA
54ACT10 (GEN)	5962-9218202VXA	54AS1000A (GEN)	5962-9162701MDA	54AC109LMQB	5962-89551012A
54ACTQ10/QCA	5962-9218201MCA	SNJ54AS1000AFK	5962-9162701M2A	54ACS109 (GEN)	5962H9654001Q9A
54ACTQ10/QDA	5962-9218201MDA	SNJ54AS1000AJ	5962-9162701MCA	54ACS109 (GEN)	5962H9654001QEA
54ACTQ10DMQB	5962-9218201MCA	54ALS1004 (GEN)	84061012A	54ACS109 (GEN)	5962H9654001QXA
54ACTQ10FMQB	5962-9218201MDA	54ALS1004 (GEN)	8406101BA	54ACS109 (GEN)	5962H9654001V9A
54ACTQ10LMQB	5962-9218201M2A	54ALS1004 (GEN)	8406101CA	54ACS109 (GEN)	5962H9654001VEA
54F10 (GEN)	5962-9757901QDA	54ALS1004 (GEN)	8406101DA	54ACS109 (GEN)	5962H9654001VXA
54HC10 (GEN)	5962-8403801VDA	SNJ54AS1004AFK	5962-88729012A	54ACT109 (GEN)	5962-8853401VXA
54HC10 (GEN)	5962-8403801VXA	SNJ54AS1004AJ	5962-8872901CA	54ACT109 (GEN)	5962-8853401XA
54HC10 (GEN)	8403801AA	SNJ54AS1004AW	5962-8872901DA	54ACT109 (GEN)	5962R88534012A
54HC10 (GEN)	8403801BA	54ALS1008A (GEN)	84097012A	54ACT109 (GEN)	5962R8853401EA
54HC10 (GEN)	8403801XA	54ALS1008A (GEN)	8409701BA	54ACT109 (GEN)	5962R8853401FA
CD54HC10F3A	8403801CA	54ALS1008A (GEN)	8409701CA	54ACT109/Q2A	5962-88534012A
RHFACT10K01Q	5962F9218202QXC	54ALS1008A (GEN)	8409701DA	54ACT109/QEA	5962-8853401EA
RHFACT10K01V	5962F9218202VXC	54ALS1010A (GEN)	84060012A	54ACT109/QFA	5962-8853401FA
RHFACT10K02Q	5962F9218202QXA	54ALS1010A (GEN)	8406001BA	54ACT109/V2A-R	5962R8853401V2A
RHFACT10K02V	5962F9218202VXA	54ALS1010A (GEN)	8406001CA	54ACT109/VEA-R	5962R8853401VEA
SNJ54AC10FK	5962-87610012A	54ALS1010A (GEN)	8406001DA	54ACT109/VFA-R	5962R8853401VFA
SNJ54AC10J	5962-8761001CA	54AC10/Q2A	5962-87610012A	54ACT109DMQB	5962-8853401EA
SNJ54AC10W	5962-8761001DA	54ACTQ10/Q2A	5962-9218201M2A	54ACT109FMQB	5962-8853401FA
SNJ54ACT10FK	5962-9218201M2A	ACS541 (GEN)	5962F9671002VRC	54ACT109LMQB	5962-88534012A
SNJ54ACT10J	5962-9218201MCA	ACS541HMSR-02	5962F9671002V9A	54ALS109A (GEN)	8400001FA
SNJ54ACT10W	5962-9218201MDA	ACS541KMSR-02	5962F9671002VXC	54F109/Q2A	5962-9758001Q2A
SNJ54ALS10AFK	5962-86865012A	ACTS541-02 (GEN)	5962F9672602V9A	54F109/QEA	5962-9758001QEA
SNJ54ALS10AJ	5962-8686501CA	ACTS541-02 (GEN)	5962F9672602VRC	54F109/QFA	5962-9758001QFA
SNJ54ALS10AW	5962-8686501DA	ACTS541-02 (GEN)	5962F9672602VXC	54F109DMQB	5962-9758001QEA
SNJ54F10FK	5962-9757901Q2A	ACTS541-02 (GEN)	5962R9672602TRC	54F109FMQB	5962-9758001QFA
SNJ54F10J	5962-9757901QCA	ACTS541-02 (GEN)	5962R9672602TXC	54F109LMQB	5962-9758001Q2A
SNJ54HC10FK	84038012A	CD54HCT10F3A	5962-8984301CA	54HC109 (GEN)	5962-8415001VXA
SNJ54HC10J	8403801CA	54AS1032A (GEN)	5962-8873001CA	54HC109 (GEN)	8415001XA
SNJ54HC10W	8403801DA	SNJ54AS1032AFK	5962-88730012A	CD54HC109F3A	8415001EA
SNV54HC10J	5962-8403801VCA	SNJ54AS1032AW	5962-8873001DA	CD54HCT109F3A	5962-9070101MEA
UT54ACS10PQAH	5962H9652001QCA	54ALS1034 (GEN)	8403101BA	EV54ACT109DMQB	5962-8853401EA
UT54ACS10PQCH	5962H9652001QCC	54ALS1034 (GEN)	8403101DA	EV54ACT109FMQB	5962-8853401FA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
EV54ACT109LMQB	5962-88534012A	CD54HCT11F3A	5962-8970901CA	54ACT11008 (GEN)	5962-89547012A
SNJ54ALS109AFK	84000012A	SNJ54AC11FK	5962-87611012A	54ACT11008 (GEN)	5962-8954701EA
SNJ54ALS109AJ	8400001EA	SNJ54AC11J	5962-8761101CA	54AC11010 (GEN)	5962-87610022A
SNJ54F109FK	5962-9758001Q2A	SNJ54AC11W	5962-8761101DA	54AC11010 (GEN)	5962-8761002EA
SNJ54F109J	5962-9758001QEA	SNJ54ACT11FK	5962-9077201Q2A	54AC11010 (GEN)	5962-8761002FA
SNJ54F109W	5962-9758001QFA	SNJ54ACT11W	5962-9077201QDA	54AC11011/B2A	5962-87611022A
SNJ54HC109FK	84150012A	SNJ54ALS11AFK	5962-86841012A	54AC11011/BEA	5962-8761102EA
SNJ54HC109J	8415001EA	SNJ54ALS11AJ	5962-8684101CA	54AC11011/BFA	5962-8761102FA
SNJ54HC109W	8415001FA	SNJ54ALS11AW	5962-8684101DA	54AC11020 (GEN)	5962-87613022A
SNV54HC109J	5962-8415001VEA	SNJ54AS11J	5962-9756101QCA	54AC11020 (GEN)	5962-8761302CA
SNV54HC109W	5962-8415001VFA	SNJ54F11FK	5962-9758101Q2A	54AC11020 (GEN)	5962-8761302DA
UT54ACS109E-Q-DIEG	5962G9654003Q9B	SNJ54F11J	5962-9758101QCA	54AC11032/B2A	5962-87614022A
UT54ACS109E-Q-DIEH	5962H9654002Q9B	SNJ54F11W	5962-9758101QDA	54AC11032/BEA	5962-8761402EA
UT54ACS109EUQAG	5962G9654003QXA	SNJ54HC11FK	84048012A	54ACT11032 (GEN)	5962-89736022A
UT54ACS109EUQAH	5962H9654002QXA	SNJ54HC11J	8404801CA	54ACT11032 (GEN)	5962-8973602EA
UT54ACS109EUQCG	5962G9654003QXC	SNJ54HC11W	8404801DA	54AC11074 (GEN)	5962-88520022A
UT54ACS109EUQCH	5962H9654002QXC	SNV54HC11J	5962-8404801VCA	54AC11074 (GEN)	5962-8852002CA
UT54ACS109EUVAG	5962G9654003VXA	UT54ACS11PQAH	5962H9652201QCA	54AC11074 (GEN)	5962-8852002DA
UT54ACS109EUVAH	5962H9654002VXA	UT54ACS11PQCH	5962H9652201QCC	54ACT11074 (GEN)	5962-87525022A
UT54ACS109EUVCG	5962G9654003VXC	UT54ACS11PVAH	5962H9652201VCA	54ACT11074 (GEN)	5962-8752502CA
UT54ACS109EUVCH	5962H9654002VXC	UT54ACS11PVCH	5962H9652201VCC	54ACT11074 (GEN)	5962-8752502DA
UT54ACS109E-V-DIEG	5962G9654003V9B	UT54ACS11-Q-DIE	5962H9652201Q9A	54ACT11074/B2A	5962-8752502M2A
UT54ACS109E-V-DIEH	5962H9654002V9B	UT54ACS11UQAH	5962H9652201QXA	54ACT11074/BCA	5962-8752502MCA
UT54ACS109-Q-DIEG	5962G9654001Q9B	UT54ACS11UQCH	5962H9652201QXC	54ACT11074/BDA	5962-8752502MDA
UT54ACS109UQAG	5962G9654001QXA	UT54ACS11UVAH	5962H9652201VXA	54ACT11109/B2A	5962-88534022A
UT54ACS109UQCG	5962G9654001QXC	UT54ACS11UVCH	5962H9652201VXC	54ACT11109/BEA	5962-8853402EA
UT54ACS109UVAG	5962G9654001VXA	UT54ACS11-V-DIE	5962H9652201V9A	54ACT11109/BFA	5962-8853402FA
UT54ACS109UVCG	5962G9654001VXC	UT54ACTS11PQAH	5962H9652301QCA	54ACT11138/B2A	5962-8755402M2A
UT54ACS109-V-DIEG	5962G9654001V9B	UT54ACTS11PQCH	5962H9652301QCC	54ACT11138/BEA	5962-8755402MEA
UT54ACTS109PQAH	5962H9654101QEA	UT54ACTS11PVAH	5962H9652301VCA	54AC11/Q2A	5962-87611012A
UT54ACTS109PQCH	5962H9654101QEC	UT54ACTS11PVCH	5962H9652301VCC	54ACT112 (GEN)	5962-8995001S2A
UT54ACTS109PVAH	5962H9654101VEA	UT54ACTS11UQAH	5962H9652301QXA	54ACT112 (GEN)	5962-8995001SEA
UT54ACTS109PVCH	5962H9654101VEC	UT54ACTS11UQCH	5962H9652301QXC	54ACT112 (GEN)	5962-8995001SFA
UT54ACTS109UQAH	5962H9654101QXA	UT54ACTS11UVAH	5962H9652301VXA	54ACT112DMQB	5962-8995001MEA
UT54ACTS109UQCH	5962H9654101QXC	UT54ACTS11UVCH	5962H9652301VXC	54ACT112FMQB	5962-8995001MFA
UT54ACTS109UVAH	5962H9654101VXA	54AC11000 (GEN)	5962-87549022A	54ACT112LMQB	5962-8995001M2A
UT54ACTS109UVCH	5962H9654101VXC	54AC11000 (GEN)	5962-8754902EA	54ALS112A (GEN)	84000022A
54AC11 (GEN)	5962-8761101VXA	54AC11000 (GEN)	5962-8754902FA	54ALS112A (GEN)	8400002FA
54AC11 (GEN)	5962-8761101XA	54ACT11000 (GEN)	5962-87699022A	54F112/2A	5962-90606022A
54AC11/QCA	5962-8761101CA	54ACT11000 (GEN)	5962-8769902EA	54F112/EA	5962-9060602EA
54AC11/QDA	5962-8761101DA	54ACT11000/B2A	5962-8769902M2A	54F112/FA	5962-9060602FA
54AC11DMQB	5962-8761101CA	54ACT11000/BEA	5962-8769902MEA	CD54HCT112F3A	5962-8970201EA
54AC11FMQB	5962-8761101DA	54AC11002 (GEN)	5962-87612022A	EV54ACT112B2A	5962-8995001B2A
54AC11LMQB	5962-87611012A	54AC11002 (GEN)	5962-8761202EA	EV54ACT112BEA	5962-8995001BEA
54ACT11 (GEN)	5962-9077201QCA	54AC11002 (GEN)	5962-8761202FA	EV54ACT112BFA	5962-8995001BFA
54ACT11 (GEN)	5962-9077202QXA	54AC11004/B2A	5962-87609022A	EV54ACT112DMQB	5962-8995001MEA
54ACT11 (GEN)	5962-9077202VXA	54AC11004/BRA	5962-8760902RA	EV54ACT112FMQB	5962-8995001MFA
54AS11 (GEN)	5962-9756101Q2A	54AC11004/BSA	5962-8760902SA	EV54ACT112LMQB	5962-8995001M2A
54HC11 (GEN)	5962-8404801VDA	54ACT11004/B2A	5962-89734022A	JM54ACT112B2A	5962-8995001B2A
54HC11 (GEN)	8404801AA	54ACT11004/BRA	5962-8973402RA	JM54ACT112BEA	5962-8995001BEA
54HC11 (GEN)	8404801BA	54AC11008/B2A	5962-87615022A	JM54ACT112BFA	5962-8995001BFA
CD54HC11F3A	8404801CA	54AC11008/BEA	5962-8761502EA	SNJ54ALS112AJ	8400002EA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SNJ54HC112FK	84088012A	SNJ54121W	5962-9755301QDA	SNJ54AHCT125J	5962-9686901QCA
SNJ54HC112J	8408801EA	54LS122 (GEN)	76003012A	SNJ54BCT125AFK	5962-9093701M2A
SNJ54HC112W	8408801FA	54LS122 (GEN)	7600301CA	SNJ54BCT125AJ	5962-9093701MCA
54AC11240/B3A	5962-87550023A	54LS122 (GEN)	7600301DA	SNJ54BCT125AW	5962-9093701MDA
54AC11240/BJA	5962-8755002JA	CD54HC123F3A	5962-8684701EA	SNJ54HC125FK	5962-87721012A
54AC11240/BKA	5962-8755002KA	CD54HCT123F3A	5962-8970001EA	SNJ54HC125J	5962-8772101CA
54ACT11240 (GEN)	5962-87759023A	MM54HC123AE/883	5962-86847022A	54AC125 (GEN)	5962-9325301S2A
54ACT11240 (GEN)	5962-8775902LA	MM54HC123AJ/883	5962-8684702EA	54AHC126 (GEN)	5962-9686201QCA
54ACT11240 (GEN)	5962-8775902M3A	SNJ54AHC123AFK	5962-9860801Q2A	54AHCT126 (GEN)	5962-9686301Q2A
54ACT11240 (GEN)	5962-8775902MLA	SNJ54AHC123AJ	5962-9860801QEA	54AHCT126 (GEN)	5962-9686301QCA
54AC11241/B3A	5962-87551023A	SNJ54AHC123AW	5962-9860801QFA	CD54HC126F3A	5962-8684801CA
54AC11241/BLA	5962-8755102LA	SNJ54AHCT123AFK	5962-9861601Q2A	CD54HCT126F3A	5962-9065101MCA
54ACT11241/B3A	5962-89847023A	SNJ54AHCT123AJ	5962-9861601QEA	SNJ54AHC126FK	5962-9686201Q2A
54ACT11241/BLA	5962-8984702LA	SNJ54AHCT123AW	5962-9861601QFA	SNJ54AHC126W	5962-9686201QDA
54AC11244 (GEN)	5962-87552023A	SNJ54LS123J	7603901EA	SNJ54AHCT126W	5962-9686301QDA
54AC11244 (GEN)	5962-8755202JA	SNJ54LS123W	7603901FA	SNJ54BCT126AFK	5962-9088901M2A
54AC11244 (GEN)	5962-8755202KA	SNV54LS123J	5962-7603901VEA	SNJ54BCT126AJ	5962-9088901MCA
54AC11244 (GEN)	5962-8755202LA	SNV54LS123W	5962-7603901VFA	SNJ54BCT126AW	5962-9088901MDA
54ACT11244 (GEN)	5962-87760023A	54LS124 (GEN)	7704101EA	SNJ54HC126FK	5962-86848012A
54ACT11244 (GEN)	5962-8776002LA	54LS124 (GEN)	7704101FA	SNJ54HC126J	5962-8684801CA
54ACT11244 (GEN)	5962-8776002M3A	54ALS1244A (GEN)	5962-88738012A	54128 (GEN)	5962-9861101Q2A
54ACT11244 (GEN)	5962-8776002MLA	SNJ54ALS1244AJ	5962-8873801RA	SNJ54128J	5962-9861101QCA
54ACT11245/B3A	5962-8766302M3A	SNJ54ALS1245AFK	5962-88737012A	SNJ54128W	5962-9861101QDA
54ACT11245/BLA	5962-8766302MLA	SNJ54ALS1245AJ	5962-8873701RA	54F13 (GEN)	5962-9455901Q2A
54F113 (GEN)	5962-90606012A	54AC125 (GEN)	5962-9325301SCA	54F13 (GEN)	5962-9455901QCA
54F113 (GEN)	5962-9060601CA	54AC125 (GEN)	5962-9325301SDA	54F13 (GEN)	5962-9455901QDA
54F113 (GEN)	5962-9060601DA	54AC125 (GEN)	5962-9325302QXA	54F132/Q2A	5962-89487012A
54HC113 (GEN)	5962-89695012A	54AC125 (GEN)	5962-9325302VXA	54F132/QCA	5962-8948701CA
54HC113 (GEN)	5962-8969501CA	54AC125 (GEN)	5962R9325301B2A	54F132/QDA	5962-8948701DA
54ACT11353/B2A	5962-9090601M2A	54AC125 (GEN)	5962R9325301BCA	54ACS132 (GEN)	5962H9654201Q9A
54ACT11353/BEA	5962-9090601MEA	54AC125 (GEN)	5962R9325301BDA	54ACS132 (GEN)	5962H9654201Q9B
54AC11373/B2A	5962-87555023A	54AC125 (GEN)	5962R9325301S2A	54ACS132 (GEN)	5962H9654201QCA
54AC11373/BLA	5962-8755502LA	54AC125 (GEN)	5962R9325301SCA	54ACS132 (GEN)	5962H9654201QXA
54ACT11373 (GEN)	5962-87556023A	54AC125 (GEN)	5962R9325301SDA	54ACS132 (GEN)	5962H9654201V9A
54ACT11373 (GEN)	5962-8755602LA	54AC125/Q2A	5962-9325301B2A	54ACS132 (GEN)	5962H9654201V9B
54ACT11374/B3A	5962-87631023A	54AC125/QCA	5962-9325301BCA	54ACS132 (GEN)	5962H9654201VCA
54ACT11374/BLA	5962-8763102LA	54AC125/QDA	5962-9325301BDA	54ACS132 (GEN)	5962H9654201VXA
54AC11520/B2A	5962-9091602M2A	54AHCT125 (GEN)	5962-9686901QDA	54ACTS132 (GEN)	5962H9654301Q9A
54AC11520/BRA	5962-9091602MRA	54F125 (GEN)	5962-9078101M2A	54ACTS132 (GEN)	5962H9654301QCA
54ACT11520 (GEN)	5962-89793032A	54F125 (GEN)	5962-9078101MCA	54ACTS132 (GEN)	5962H9654301QXA
54ACT11520 (GEN)	5962-8979303RA	54F125 (GEN)	5962-9078101MDA	54ACTS132 (GEN)	5962H9654301V9A
54AC11521 (GEN)	5962-9098502M2A	54HC125 (GEN)	5962-8772101DA	54ACTS132 (GEN)	5962H9654301VCA
54AC11521 (GEN)	5962-9098502MRA	JM54AC125B2A	5962-9325301B2A	54ACTS132 (GEN)	5962H9654301VXA
54ACT11521/B2A	5962-89793042A	JM54AC125BCA	5962-9325301BCA	54F132DMQB	5962-8948701CA
54ACT11521/BRA	5962-8979304RA	JM54AC125BDA	5962-9325301BDA	54F132FMQB	5962-8948701DA
54ACT11534/B3A	5962-89658023A	SNJ54ABT125FK	5962-9676801Q2A	54F132LMQB	5962-89487012A
54ACT11534/BLA	5962-8965802LA	SNJ54ABT125J	5962-9676801QCA	54HC132 (GEN)	5962-8984502VXA
5412-S (GEN)	5962-9095702MQA	SNJ54ABT125W	5962-9676801QDA	54HC132 (GEN)	5962-8984502XA
5412-S (GEN)	5962-9095702MXA	SNJ54AHC125FK	5962-9686801Q2A	CD54HCT132F3A	5962-8984501CA
5412-T (GEN)	5962-9095701MQA	SNJ54AHC125J	5962-9686801QCA	SNJ54HC132FK	5962-89845022A
5412-T (GEN)	5962-9095701MXA	SNJ54AHC125W	5962-9686801QDA	SNJ54HC132J	5962-8984502CA
SNJ54121J	5962-9755301QCA	SNJ54AHCT125FK	5962-9686901Q2A	SNJ54HC132W	5962-8984502DA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SNJ54LS132J	7600401CA	54ACT138/B2A	5962-8755401B2A	JM54ACT138B2A	5962-8755401B2A
SNJ54LS132W	7600401DA	54ACT138/BEA	5962-8755401BEA	JM54ACT138BEA	5962-8755401BEA
SNV54HC132J	5962-8984502VCA	54ACT138/BFA	5962-8755401BFA	JM54ACT138BFA	5962-8755401BFA
SNV54HC132W	5962-8984502VDA	54ACT138/Q2A	5962-8755401M2A	P54FCT138ATCMB	5962-9223303MEA
UT54ACS132E-Q-DIEG	5962G9654203Q9B	54ACT138/QEA	5962-8755401MEA	P54FCT138ATCMB04	5962-9223304MEA
UT54ACS132E-Q-DIEH	5962H9654202Q9B	54ACT138/QFA	5962-8755401MFA	P54FCT138ATFSMB	5962-9223304MFA
UT54ACS132EUQAG	5962G9654203QXA	54ACT138DMQB	5962-8755401EA	P54FCT138ATLMB	5962-9223303M2A
UT54ACS132EUQAH	5962H9654202QXA	54ACT138DMQB	5962-8755401MEA	P54FCT138ATLMB04	5962-9223304M2A
UT54ACS132EUQCG	5962G9654203QXC	54ACT138FMQB	5962-8755401FA	P54FCT138CTCMB05	5962-9223305MEA
UT54ACS132EUQCH	5962H9654202QXC	54ACT138FMQB	5962-8755401MFA	P54FCT138CTCMB06	5962-9223306MEA
UT54ACS132EUVAG	5962G9654203VXA	54ACT138LMQB	5962-87554012A	P54FCT138CTFSMB06	5962-9223306MFA
UT54ACS132EUVAH	5962H9654202VXA	54ACT138LMQB	5962-8755401M2A	P54FCT138CTLMB05	5962-9223305M2A
UT54ACS132EUVCG	5962G9654203VXC	54F138/Q2A	5962-9758201Q2A	P54FCT138CTLMB06	5962-9223306M2A
UT54ACS132EUVCH	5962H9654202VXC	54F138/QEA	5962-9758201QEA	P54FCT138TCMB	5962-9223301MEA
UT54ACS132E-V-DIEG	5962G9654203V9B	54F138/QFA	5962-9758201QFA	P54FCT138TCMB02	5962-9223302MEA
UT54ACS132E-V-DIEH	5962H9654202V9B	54FCT138DMQB	5962-8765401EA	P54FCT138TFMSMB	5962-9223302MFA
UT54ACS132-Q-DIEG	5962G9654201Q9B	54FCT138FMQB	5962-8765401FA	P54FCT138TLMB	5962-9223301M2A
UT54ACS132UQAG	5962G9654201QXA	54FCT138LMQB	5962-87654012A	P54FCT138TLMB02	5962-9223302M2A
UT54ACS132UQCG	5962G9654201QXC	54HC138 (GEN)	5962-8406201VXA	PF54FCT138ACMB	5962-8765402EA
UT54ACS132UVAG	5962G9654201VXA	54HC138 (GEN)	8406201XA	PF54FCT138AFSMB	5962-8765402FA
UT54ACS132UVCG	5962G9654201VXC	54LVC138A (GEN)	5962-9752601V2A	PF54FCT138ALMB	5962-87654022A
UT54ACS132-V-DIEG	5962G9654201V9B	54LVC138A (GEN)	5962-9752601VEA	PF54FCT138CMB	5962-8765401EA
UT54ACTS132-Q-DIEG	5962G9654301Q9B	54S138 (GEN)	76041012A	PF54FCT138FSMB	5962-8765401FA
UT54ACTS132-UQAG	5962G9654301QXA	CD54HC138F3A	8406201EA	PF54FCT138LMB	5962-87654012A
UT54ACTS132-UQCG	5962G9654301QXC	CY54FCT138CTDMB	5962-9223306MEA	SL54LS138/B2A	76005012A
UT54ACTS132-UVAG	5962G9654301VXA	CY54FCT138CTLMB	5962-9223306M2A	SL54LS138/B2C	76005012C
UT54ACTS132-UVCG	5962G9654301VXC	CY54FCT138TDMB	5962-9223302MEA	SL54LS138/BEA	7600501EA
UT54ACTS132-V-DIEG	5962G9654301V9B	CY54FCT138TLMB	5962-9223302M2A	SL54LS138/BFA	7600501FA
54HC133/B2A	5962-87723012A	EV54AC138DMQB	5962-8762201EA	SNJ54AHC138FK	5962-9851601Q2A
54HC133/BEA	5962-8772301EA	EV54AC138FMQB	5962-8762201FA	SNJ54AHC138J	5962-9851601QEA
SNJ54ALS133W	5962-8859001FA	EV54AC138LMQB	5962-87622012A	SNJ54AHC138W	5962-9851601QFA
54LS136 (GEN)	5962-9231901M2A	EV54ACT138B2A	5962-8755401B2A	SNJ54AHCT138FK	5962-9851701Q2A
54LS136 (GEN)	5962-9231901MDA	EV54ACT138BEA	5962-8755401BEA	SNJ54AHCT138J	5962-9851701QEA
SNJ54LS136J	5962-9231901MCA	EV54ACT138BFA	5962-8755401BFA	SNJ54AHCT138W	5962-9851701QFA
54ALS137A (GEN)	5962-9066501M2A	EV54ACT138DMQB	5962-8755401EA	SNJ54ALS138AFK	5962-86866012A
54ALS137A (GEN)	5962-9066501MEA	EV54ACT138DMQB	5962-8755401MEA	SNJ54ALS138AW	5962-8686601FA
54ALS137A (GEN)	5962-9066501MFA	EV54ACT138FMQB	5962-8755401FA	SNJ54F138FK	5962-9758201Q2A
54HCT137 (GEN)	5962-9173201M2A	EV54ACT138FMQB	5962-8755401MFA	SNJ54F138J	5962-9758201QEA
54HCT137 (GEN)	5962-9173201MEA	EV54ACT138LMQB	5962-87554012A	SNJ54F138W	5962-9758201QFA
54AC138 (GEN)	5962-8762201VXA	EV54ACT138LMQB	5962-8755401M2A	SNJ54HC138FK	84062012A
54AC138 (GEN)	5962-8762201XA	HS-54C138 (GEN)	5962R9582501V9A	SNJ54HC138J	8406201EA
54AC138/Q2A	5962-87622012A	HS-54C138 (GEN)	5962R9582501VEC	SNJ54HC138W	8406201FA
54AC138/QEA	5962-8762201EA	HS-54C138 (GEN)	5962R9582501VXC	SNJ54HCT138FK	85504012A
54AC138/QFA	5962-8762201FA	IDT54FCT138ATDB	5962-9223304MEA	SNJ54HCT138J	8550401EA
54AC138DMQB	5962-8762201EA	IDT54FCT138ATEB	5962-9223304MFA	SNJ54HCT138W	8550401FA
54AC138FMQB	5962-8762201FA	IDT54FCT138ATLB	5962-9223304M2A	SNJ54LS138FK	76005012A
54AC138LMQB	5962-87622012A	IDT54FCT138CTDB	5962-9223306MEA	SNJ54LS138J	7600501EA
54ACT138 (GEN)	5962-8755401S2A	IDT54FCT138CTEB	5962-9223306MFA	SNJ54LS138W	7600501FA
54ACT138 (GEN)	5962-8755401SEA	IDT54FCT138CTLB	5962-9223306M2A	SNJ54LVC138AFK	5962-9752601Q2A
54ACT138 (GEN)	5962-8755401SFA	IDT54FCT138TDB	5962-9223302MEA	SNJ54LVC138AJ	5962-9752601QEA
54ACT138 (GEN)	5962-8755403QXA	IDT54FCT138TEB	5962-9223302MFA	SNJ54LVC138AW	5962-9752601QFA
54ACT138 (GEN)	5962-8755403VXA	IDT54FCT138TLB	5962-9223302M2A	SNJ54S138J	7604101EA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SNJ54S138W	7604101FA	54ACT139 (GEN)	5962-8755302VXA	RHFACT139D04Q	5962F8755302EA
SNV54HC138J	5962-8406201VEA	54ACT139 (GEN)	5962-8755302XA	RHFACT139D04V	5962F8755302VEA
SNV54HC138W	5962-8406201VFA	54ACT139/Q2A	5962-87553012A	RHFACT139K01Q	5962F8755302XC
SNV54LVC138AW	5962-9752601VFA	54ACT139/QEA	5962-8755301EA	RHFACT139K01V	5962F8755302VXC
UT54ACS138E-Q-DIEG	5962G9654403Q9B	54ACT139/QFA	5962-8755301FA	RHFACT139K02Q	5962F8755302XA
UT54ACS138E-Q-DIEH	5962H9654402Q9B	54ACT139DMQB	5962-8755301EA	RHFACT139K02V	5962F8755302VXA
UT54ACS138EUQAG	5962G9654403QXA	54ACT139FMQB	5962-8755301FA	SL54LS139/BEA	7600701EA
UT54ACS138EUQAH	5962H9654402QXA	54ACT139LMQB	5962-87553012A	SL54LS139/BFA	7600701FA
UT54ACS138EUQCG	5962G9654403QXC	54ALS139 (GEN)	5962-8768301FA	SNJ54ALS139FK	5962-87683012A
UT54ACS138EUQCH	5962H9654402QXC	54FCT139 (GEN)	5962-89508012A	SNJ54ALS139J	5962-8768301EA
UT54ACS138EUVAG	5962G9654403VXA	54FCT139 (GEN)	5962-8950801EA	SNJ54HC139FK	84092012A
UT54ACS138EUVAH	5962H9654402VXA	54FCT139 (GEN)	5962-8950801FA	SNJ54HC139J	8409201EA
UT54ACS138EUVCG	5962G9654403VXC	54FCT139A (GEN)	5962-89508022A	SNJ54HC139W	8409201FA
UT54ACS138EUVCH	5962H9654402VXC	54FCT139A (GEN)	5962-8950802EA	SNJ54LS139AFK	76007012A
UT54ACS138E-V-DIEG	5962G9654403V9B	54FCT139A (GEN)	5962-8950802FA	SNJ54LS139AJ	7600701EA
UT54ACS138E-V-DIEH	5962H9654402V9B	54HC139 (GEN)	5962-8409201VEA	SNJ54LS139AW	7600701FA
UT54ACS138PQAH	5962H9654401QEA	54HC139 (GEN)	5962-8409201VXA	SNJ54S139J	7700401EA
UT54ACS138PQCH	5962H9654401QEC	54HC139 (GEN)	8409201XA	SNJ54S139W	7700401FA
UT54ACS138PVAH	5962H9654401VEA	ACT139DIE2V	5962F8755302V9A	SNV54HC139W	5962-8409201VFA
UT54ACS138PVCH	5962H9654401VEC	CD54HC139F3A	8409201EA	UT54ACS139PQAH	5962H9654601QEA
UT54ACS138-Q-DIEH	5962H9654401Q9A	IDT54FCT139ATDB	5962-9220204MEA	UT54ACS139PQCH	5962H9654601QEC
UT54ACS138UQAH	5962H9654401QXA	IDT54FCT139ATEB	5962-9220204MFA	UT54ACS139PVAH	5962H9654601VEA
UT54ACS138UQCH	5962H9654401QXC	IDT54FCT139ATLB	5962-9220204M2A	UT54ACS139PVCH	5962H9654601VEC
UT54ACS138UVAH	5962H9654401VXA	IDT54FCT139CTDB	5962-9220206MEA	UT54ACS139QDIEH	5962H9654601Q9A
UT54ACS138UVCH	5962H9654401VXC	IDT54FCT139CTEB	5962-9220206MFA	UT54ACS139UQAH	5962H9654601QXA
UT54ACS138-V-DIEH	5962H9654401V9A	IDT54FCT139CTLB	5962-9220206M2A	UT54ACS139UQCH	5962H9654601QXC
UT54ACTS138PQAH	5962H9654501QEA	IDT54FCT139TDB	5962-9220202MEA	UT54ACS139UVAH	5962H9654601VXA
UT54ACTS138PQCH	5962H9654501QEC	IDT54FCT139TEB	5962-9220202MFA	UT54ACS139UVCH	5962H9654601VXC
UT54ACTS138PVAH	5962H9654501VEA	IDT54FCT139TLB	5962-9220202M2A	UT54ACS139VDIEH	5962H9654601V9A
UT54ACTS138PVCH	5962H9654501VEC	P54FCT139ATCMB	5962-9220203MEA	UT54ACTS139PQAH	5962H9654701QEA
UT54ACTS138-Q-DIE	5962H9654501Q9A	P54FCT139ATCMB04	5962-9220204MEA	UT54ACTS139PQCH	5962H9654701QEC
UT54ACTS138UQAH	5962H9654501QXA	P54FCT139ATFSMB	5962-9220203MFA	UT54ACTS139PVAH	5962H9654701VEA
UT54ACTS138UQCH	5962H9654501QXC	P54FCT139ATFSMB04	5962-9220204MFA	UT54ACTS139PVCH	5962H9654701VEC
UT54ACTS138UVAH	5962H9654501VXA	P54FCT139ATLMB	5962-9220203M2A	UT54ACTS139-Q-DIE	5962H9654701Q9A
UT54ACTS138UVCH	5962H9654501VXC	P54FCT139ATLMB04	5962-9220204M2A	UT54ACTS139UQAH	5962H9654701QXA
UT54ACTS138-V-DIE	5962H9654501V9A	P54FCT139CTCMB	5962-9220205MEA	UT54ACTS139UQCH	5962H9654701QXC
54ACT138 (GEN)	5962R8755401B2A	P54FCT139CTCMB06	5962-9220206MEA	UT54ACTS139UVAH	5962H9654701VXA
54ACT138 (GEN)	5962R8755401BEA	P54FCT139CTFSMB	5962-9220205MFA	UT54ACTS139UVCH	5962H9654701VXC
54ACT138 (GEN)	5962R8755401BFA	P54FCT139CTFSMB06	5962-9220206MFA	UT54ACTS139-V-DIE	5962H9654701V9A
54ACT138/S2A-R	5962R8755401S2A	P54FCT139CTLMB	5962-9220205M2A	54AC14 (GEN)	5962-8762401VXA
54ACT138/SEA-R	5962R8755401SEA	P54FCT139CTLMB06	5962-9220206M2A	54AC14 (GEN)	5962-8762401XA
54ACT138/SFA-R	5962R8755401SFA	P54FCT139CTCMB	5962-9220201MEA	54AC14 (GEN)	5962F87624019A
54C138 (GEN)	5962R9582501QEC	P54FCT139CTCMB02	5962-9220202MEA	54AC14/QCA	5962-8762401CA
HS-54C138 (GEN)	5962R9582501QXC	P54FCT139TFMSMB	5962-9220201MFA	54AC14/QDA	5962-8762401DA
54AC139 (GEN)	5962-8762301VXA	P54FCT139TFMSMB02	5962-9220202MFA	54AC14DMQB	5962-8762401CA
54AC139 (GEN)	5962-8762301XA	P54FCT139TLMB	5962-9220201M2A	54AC14FMQB	5962-8762401DA
54AC139/Q2A	5962-87623012A	P54FCT139TLMB02	5962-9220202M2A	54AC14LMQB	5962-87624012A
54AC139/QEA	5962-8762301EA	QP54ACT139DMQB	5962-8755301EA	54ACS14 (GEN)	5962H9652401Q9B
54AC139/QFA	5962-8762301FA	QP54ACT139FMQB	5962-8755301FA	54ACS14 (GEN)	5962H9652401QCA
54AC139DMQB	5962-8762301EA	QP54ACT139LMQB	5962-87553012A	54ACS14 (GEN)	5962H9652401QXA
54AC139FMQB	5962-8762301FA	RHFACT139D03Q	5962F8755302EC	54ACS14 (GEN)	5962H9652401V9B
54AC139LMQB	5962-87623012A	RHFACT139D03V	5962F8755302VEC	54ACS14 (GEN)	5962H9652401VCA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
54ACS14 (GEN)	5962H9652401VXA	SNJ54AHCT14W	5962-9680101QDA	UT54ACTS14EUVCH	5962H9652502VXC
54ACT14 (GEN)	5962-9681301QXA	SNJ54HC14FK	84091012A	UT54ACTS14E-V-DIEG	5962G9652503V9A
54ACT14 (GEN)	5962-9681301VXA	SNJ54HC14J	8409101CA	UT54ACTS14E-V-DIEH	5962H9652502V9A
54ACTQ14/QCA	5962-9218301MCA	SNJ54HC14W	8409101DA	UT54ACTS14-Q-DIEG	5962G9652501Q9A
54ACTQ14/QDA	5962-9218301MDA	SNJ54HCT14FK	5962-86890012A	UT54ACTS14UQAG	5962G9652501QXA
54ACTQ14DMQB	5962-9218301MCA	SNJ54HCT14J	5962-8689001CA	UT54ACTS14UQCG	5962G9652501QXC
54ACTQ14FMQB	5962-9218301MDA	SNJ54HCT14W	5962-8689001DA	UT54ACTS14UVAG	5962G9652501VXA
54ACTQ14LMQB	5962-9218301M2A	SNJ54LS14FK	5962-9665801Q2A	UT54ACTS14UVCG	5962G9652501VXC
54ACTS14 (GEN)	5962H9652501QCA	SNJ54LS14J	5962-9665801QCA	UT54ACTS14-V-DIEG	5962G9652501V9A
54ACTS14 (GEN)	5962H9652501QXA	SNJ54LS14W	5962-9665801QDA	54AC14/Q2A	5962-87624012A
54ACTS14 (GEN)	5962H9652501VCA	SNJ54LVC14AFK	5962-9761501Q2A	54ACTQ14/Q2A	5962-9218301M2A
54ACTS14 (GEN)	5962H9652501VXC	SNJ54LVC14AJ	5962-9761501QCA	SNJ54LS145FK	85084012A
54F14/B2A	5962-88752012A	SNJ54LVC14AW	5962-9761501QDA	SNJ54LS145J	8508401EA
54F14/BCA	5962-8875201CA	SNV54AC14J	5962-8762401VCA	SNJ54LS145W	8508401FA
54F14/BDA	5962-8875201DA	SNV54AC14J-SP	5962-8762402VCA	SNV54LS145J	5962-8508401VEA
54F14DMQB	5962-8875201CA	SNV54AC14W	5962-8762401VDA	54HC147 (GEN)	84064012A
54F14FMQB	5962-8875201DA	SNV54AC14W-SP	5962-8762402VDA	54HC147 (GEN)	8406401FA
54F14LMQB	5962-88752012A	SNV54AHCT14J	5962-9680101VCA	54LS147/B2A	5962-9158601Q2A
54HC14 (GEN)	5962-8409101VXA	SNV54AHCT14W	5962-9680101VDA	54LS147/BEA	5962-9158601QEA
54HC14 (GEN)	8409101BA	SNV54HC14J	5962-8409101VCA	54LS147/BFA	5962-9158601QFA
54HC14 (GEN)	8409101XA	SNV54HC14W	5962-8409101VDA	CD54HC147F3A	8406401EA
54LS14 (GEN)	5962-9665801VCA	SNV54LS14W	5962-9665801VDA	54F148 (GEN)	5962-86070012A
CD54HC14F3A	8409101CA	SNV54LVC14AFK	5962-9761501V2A	54F148 (GEN)	5962-8607001EA
CD54HCT14F3A	5962-8689001CA	SNV54LVC14AJ	5962-9761501VCA	54F148 (GEN)	5962-8607001FA
EV54AC14DMQB	5962-8762401CA	SNV54LVC14AW	5962-9761501VDA	SNJ54LS148FK	78027012A
EV54AC14FMQB	5962-8762401DA	UT54ACS14E-Q-DIEG	5962G9652403Q9B	SNJ54LS148J	7802701EA
EV54AC14LMQB	5962-87624012A	UT54ACS14E-Q-DIEH	5962H9652402Q9B	SNJ54LS148W	7802701FA
RHFAC14D03Q	5962F8762401CC	UT54ACS14EUQAG	5962G9652403QXA	54S15/B2A	5962-9751601Q2A
RHFAC14D03V	5962F8762401VCC	UT54ACS14EUQAH	5962H9652402QXA	54S15/BCA	5962-9751601QCA
RHFAC14D04Q	5962F8762401CA	UT54ACS14EUQCG	5962G9652403QXC	54S15/BDA	5962-9751601QDA
RHFAC14D04V	5962F8762401VCA	UT54ACS14EUQCH	5962H9652402QXC	SNJ54150J	5962-9558001QJA
RHFACT14K01Q	5962F9681301QXC	UT54ACS14EUVAG	5962G9652403VXA	SNJ54150W	5962-9558001QKA
RHFACT14K01V	5962F9681301VXC	UT54ACS14EUVAH	5962H9652402VXA	54AC151 (GEN)	5962-8769102VXA
RHFACT14K02Q	5962F9681301QXA	UT54ACS14EUVCG	5962G9652403VXC	54AC151 (GEN)	5962-8769102XA
RHFACT14K02V	5962F9681301VXA	UT54ACS14EUVCH	5962H9652402VXC	54AC151/Q2A	5962-87691012A
RHFACT14K03V	5962F9681301VYC	UT54ACS14E-V-DIEG	5962G9652403V9B	54AC151/QEA	5962-8769101EA
RHFACT14K04V	5962F9681301VYA	UT54ACS14E-V-DIEH	5962H9652402V9B	54AC151/QFA	5962-8769101FA
SL54LS14/B2A	5962-9665801Q2A	UT54ACS14-Q-DIEG	5962G9652401Q9B	54AC151DMQB	5962-8769101EA
SL54LS14/B2C	5962-9665801Q2C	UT54ACS14UQAG	5962G9652401QXA	54AC151FMQB	5962-8769101FA
SL54LS14/BCA	5962-9665801QCA	UT54ACS14UQCG	5962G9652401QXC	54AC151LMQB	5962-87691012A
SL54LS14/BDA	5962-9665801QDA	UT54ACS14UVAG	5962G9652401VXA	54ACT151 (GEN)	5962-88756012A
SNJ54AC14FK	5962-87624012A	UT54ACS14UVCG	5962G9652401VXC	54ACT151 (GEN)	5962-8875601EA
SNJ54AC14J	5962-8762401CA	UT54ACS14-V-DIEG	5962G9652401V9B	54ACT151 (GEN)	5962-8875601FA
SNJ54AC14W	5962-8762401DA	UT54ACTS14E-Q-DIEG	5962G9652503Q9A	54ACT151 (GEN)	5962-8875601S2A
SNJ54ACT14FK	5962-9218301M2A	UT54ACTS14E-Q-DIEH	5962H9652502Q9A	54ACT151 (GEN)	5962-8875601SEA
SNJ54ACT14J	5962-9218301MCA	UT54ACTS14EUQAG	5962G9652503QXA	54ACT151 (GEN)	5962-8875601SFA
SNJ54ACT14W	5962-9218301MDA	UT54ACTS14EUQAH	5962H9652502QXA	54ACT151 (GEN)	5962-8875602QXA
SNJ54AHC14FK	5962-9680201Q2A	UT54ACTS14EUQCG	5962G9652503QXC	54ACT151 (GEN)	5962-8875602VXA
SNJ54AHC14J	5962-9680201QCA	UT54ACTS14EUQCH	5962H9652502QXC	54ACT151 (GEN)	5962R8875601B2A
SNJ54AHC14W	5962-9680201QDA	UT54ACTS14EUVAG	5962G9652503VXA	54ACT151 (GEN)	5962R8875601BEA
SNJ54AHCT14FK	5962-9680101Q2A	UT54ACTS14EUVAH	5962H9652502VXA	54ACT151 (GEN)	5962R8875601BFA
SNJ54AHCT14J	5962-9680101QCA	UT54ACTS14EUVCG	5962G9652503VXC	54ACT151/B2A	5962-8875601B2A

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
54ACT151/BEA	5962-8875601BEA	SNJ54ALS151J	8414101EA	SL54LS153/BFA	7601101FA
54ACT151/BFA	5962-8875601BFA	SNJ54HC151FK	84128012A	SNJ54ALS153J	8413401EA
54ACT151/Q2A	5962-8875601M2A	SNJ54HC151J	8412801EA	SNJ54ALS153W	8413401FA
54ACT151/QEA	5962-8875601MEA	SNJ54LS151FK	76010012A	SNJ54F153FK	5962-9758301Q2A
54ACT151/QFA	5962-8875601MFA	SNJ54LS151J	7601001EA	SNJ54F153J	5962-9758301QEA
54ACT151/S2A-R	5962R8875601S2A	SNJ54LS151W	7601001FA	SNJ54F153W	5962-9758301QFA
54ACT151/SEA-R	5962R8875601SEA	UT54ACS151PQAH	5962H9654801QEA	SNJ54HC153FK	84093012A
54ACT151/SFA-R	5962R8875601SFA	UT54ACS151PQCH	5962H9654801QEC	SNJ54HC153J	8409301EA
54ACT151/DMQB	5962-8875601BEA	UT54ACS151PVAH	5962H9654801VEA	SNJ54LS153FK	76011012A
54ACT151/DMQB	5962-8875601MEA	UT54ACS151PVCH	5962H9654801VEC	SNJ54LS153J	7601101EA
54ACT151/FMQB	5962-8875601BFA	UT54ACS151UQAH	5962H9654801QXA	SNJ54LS153W	7601101FA
54ACT151/FMQB	5962-8875601MFA	UT54ACS151UQCH	5962H9654801QXC	SNV54HC153J	5962-8409301VEA
54ACT151/LMQB	5962-8875601B2A	UT54ACS151UVAH	5962H9654801VXA	SNV54HC153W	5962-8409301VFA
54ACT151/LMQB	5962-8875601M2A	UT54ACS151UVCH	5962H9654801VXC	UT54ACS153PQAH	5962H9655001QEA
54ALS151 (GEN)	84141012A	UT54ACTS151PQAH	5962H9654901QEA	UT54ACS153PQCH	5962H9655001QEC
54ALS151 (GEN)	8414101FA	UT54ACTS151PQCH	5962H9654901QEC	UT54ACS153PVAH	5962H9655001VEA
54FCT151AT (GEN)	5962-9220603M2A	UT54ACTS151PVAH	5962H9654901VEA	UT54ACS153PVCH	5962H9655001VEC
54FCT151AT (GEN)	5962-9220603MEA	UT54ACTS151PVCH	5962H9654901VEC	UT54ACS153UQAH	5962H9655001QXA
54FCT151AT (GEN)	5962-9220603MFA	UT54ACTS151UQAH	5962H9654901QXA	UT54ACS153UQCH	5962H9655001QXC
54FCT151AT (GEN)	5962-9220604M2A	UT54ACTS151UQCH	5962H9654901QXC	UT54ACS153UVAH	5962H9655001VXA
54FCT151AT (GEN)	5962-9220604MEA	UT54ACTS151UVAH	5962H9654901VXA	UT54ACTS153EQDIEG	5962G9655103Q9A
54FCT151AT (GEN)	5962-9220604MFA	UT54ACTS151UVCH	5962H9654901VXC	UT54ACTS153EQDIEH	5962H9655102Q9A
54FCT151CT (GEN)	5962-9220605M2A	54AC153/Q2A	5962-87625012A	UT54ACTS153EUQAG	5962G9655103QXA
54FCT151CT (GEN)	5962-9220605MEA	54AC153/QEA	5962-8762501EA	UT54ACTS153EUQAH	5962H9655102QXA
54FCT151CT (GEN)	5962-9220605MFA	54AC153/QFA	5962-8762501FA	UT54ACTS153EUQCG	5962G9655103QXC
54FCT151CT (GEN)	5962-9220606M2A	54AC153DMQB	5962-8762501EA	UT54ACTS153EUQCH	5962H9655102QXC
54FCT151CT (GEN)	5962-9220606MEA	54AC153FMQB	5962-8762501FA	UT54ACTS153EUVAG	5962G9655103VXA
54FCT151CT (GEN)	5962-9220606MFA	54AC153LMQB	5962-87625012A	UT54ACTS153EUVAH	5962H9655102VXA
54FCT151T (GEN)	5962-9220601M2A	54ACS153UVCH	5962H9655001VXC	UT54ACTS153EUVCG	5962G9655103VXC
54FCT151T (GEN)	5962-9220601MEA	54ACT153/Q2A	5962-87698012A	UT54ACTS153EUVCH	5962H9655102VXC
54FCT151T (GEN)	5962-9220601MFA	54ACT153/QEA	5962-8769801EA	UT54ACTS153EVDIEG	5962G9655103V9A
54FCT151T (GEN)	5962-9220602M2A	54ACT153/QFA	5962-8769801FA	UT54ACTS153EVDIEH	5962H9655102V9A
54FCT151T (GEN)	5962-9220602MEA	54ACT153DMQB	5962-8769801EA	UT54ACTS153QDIEG	5962G9655101Q9A
54FCT151T (GEN)	5962-9220602MFA	54ACT153FMQB	5962-8769801FA	UT54ACTS153UQAG	5962G9655101QXA
CD54HC151F3A	8412801EA	54ACT153LMQB	5962-87698012A	UT54ACTS153UQCG	5962G9655101QXC
CD54HCT151F3A	5962-9065201MEA	54ACTS153 (GEN)	5962H9655101QEA	UT54ACTS153UVAG	5962G9655101VXA
QP54ACT151DMQB	5962-8875601BEA	54ACTS153 (GEN)	5962H9655101QXA	UT54ACTS153UVCG	5962G9655101VXC
QP54ACT151DMQB	5962-8875601MEA	54ACTS153 (GEN)	5962H9655101VEA	UT54ACTS153VDIEG	5962G9655101V9A
QP54ACT151FMQB	5962-8875601BFA	54ACTS153 (GEN)	5962H9655101VXA	54F154 (GEN)	5962-9455401M3A
QP54ACT151FMQB	5962-8875601MFA	54ALS153 (GEN)	84134012A	54F154 (GEN)	5962-9455401MKA
QP54ACT151LMQB	5962-8875601B2A	54F153/Q2A	5962-9758301Q2A	54F154 (GEN)	5962-9455401MLA
QP54ACT151LMQB	5962-8875601M2A	54F153/QEA	5962-9758301QEA	54HCT154 (GEN)	5962-86701013A
RHFAC151K01Q	5962F8769102XC	54F153/QFA	5962-9758301QFA	54HCT154 (GEN)	5962-8670101KA
RHFAC151K01V	5962F8769102VXC	54F153DMQB	5962-9758301QEA	54HCT154 (GEN)	5962-8670101LA
RHFAC151K02Q	5962F8769102XA	54F153FMQB	5962-9758301QFA	CD54HC154F3A	5962-8682201JA
RHFAC151K02V	5962F8769102VXA	54F153LMQB	5962-9758301Q2A	CD54HCT154F3A	5962-8670101JA
RHFAC151K03V	5962F8769102VYC	54HC153B (GEN)	8409301FA	MM54HC154E/883	5962-86822013A
RHFAC151K04V	5962F8769102VYA	CD54HC153F3A	8409301EA	MM54HC154J/883	5962-8682201JA
RHFACT151K01Q	5962F8875602QXC	CD54HCT153F3A	5962-9050501MEA	MM54HC154JS/883	5962-8682201LA
RHFACT151K01V	5962F8875602VXC	SL54LS153/B2A	76011012A	SL54154/BJA	5962-9558101QJA
RHFACT151K02Q	5962F8875602QXA	SL54LS153/B2C	76011012C	SL54154/BKA	5962-9558101QKA
RHFACT151K02V	5962F8875602VXA	SL54LS153/BEA	7601101EA	SL54LS154/B3A	83017013A

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SL54LS154/B3C	83017013C	54HC157 (GEN)	5962-8606101VFA	UT54ACS157PQCH	5962H9655201QEC
SL54LS154/BJA	8301701JA	54HC157 (GEN)	5962-8606101VXA	UT54ACS157PVAH	5962H9655201VEA
SL54LS154/BKA	8301701KA	54HC157 (GEN)	5962-8606101XA	UT54ACS157PVCH	5962H9655201VEC
SNJ54154J	5962-9558101QJA	54LVC157A (GEN)	5962-0050601Q2A	UT54ACS157UQAH	5962H9655201QXA
SNJ54154W	5962-9558101QKA	AC157DIE2V	5962F8953901V9A	UT54ACS157UQCH	5962H9655201QXC
54LS155A (GEN)	5962-9750801Q2A	CD54HC157F3A	5962-8606101EA	UT54ACS157UVAH	5962H9655201VXA
SL54155/BEA	5962-9558201QEA	CD54HCT157F3A	5962-9070201MEA	UT54ACS157UVCH	5962H9655201VXC
SL54155/BFA	5962-9558201QFA	CY54FCT157ATLMB	5962-9220803M2A	UT54ACTS157ECXAH	5962H9655302QXA
SNJ54LS155AJ	5962-9750801QEA	QP54AC157DMQB	5962-8953901EA	UT54ACTS157ECXAH	5962H9655302VXA
SNJ54LS155AW	5962-9750801QFA	QP54AC157FMQB	5962-8953901FA	UT54ACTS157ECXCH	5962H9655302QXC
54AC157 (GEN)	5962-8953901VXA	QP54AC157LMQB	5962-89539012A	UT54ACTS157ECXCH	5962H9655302VXC
54AC157 (GEN)	5962-8953901XA	QP54ACT157DMQB	5962-8968801EA	UT54ACTS157E-Q-DIE	5962H9655302Q9B
54AC157/Q2A	5962-89539012A	QP54ACT157FMQB	5962-8968801FA	UT54ACTS157E-Q-DIE	5962G9655303Q9B
54AC157/QEA	5962-8953901EA	QP54ACT157LMQB	5962-89688012A	UT54ACTS157EUQAG	5962G9655303QXA
54AC157/QFA	5962-8953901FA	RHFAC157D03Q	5962F8953901EC	UT54ACTS157EUQCG	5962G9655303QXC
54AC157DMQB	5962-8953901EA	RHFAC157D03V	5962F8953901VEC	UT54ACTS157EUVAG	5962G9655303VXA
54AC157FMQB	5962-8953901FA	RHFAC157D04Q	5962F8953901EA	UT54ACTS157EUVCG	5962G9655303VXC
54AC157LMQB	5962-89539012A	RHFAC157D04V	5962F8953901VEA	UT54ACTS157E-V-DIE	5962H9655302V9B
54ACT157 (GEN)	5962-8968802VXA	RHFAC157K01Q	5962F8953901XC	UT54ACTS157E-V-DIE	5962G9655303V9B
54ACT157 (GEN)	5962-8968802XA	RHFAC157K01V	5962F8953901VXC	UT54ACTS157-QDIEG	5962G9655301Q9B
54ACT157 (GEN)	5962R89688012A	RHFAC157K02Q	5962F8953901XA	UT54ACTS157UQAG	5962G9655301QXA
54ACT157 (GEN)	5962R8968801EA	RHFAC157K02V	5962F8953901VXA	UT54ACTS157UQCG	5962G9655301QXC
54ACT157 (GEN)	5962R8968801FA	RHFAC157K03V	5962F8953901VYC	UT54ACTS157UVAG	5962G9655301VXA
54ACT157 (GEN)	5962R8968801VZA	RHFAC157K04V	5962F8953901VYA	UT54ACTS157UVCG	5962G9655301VXC
54ACT157/Q2A	5962-89688012A	RHFACT157D03Q	5962F8968802EC	UT54ACTS157-VDIEG	5962G9655301V9B
54ACT157/QEA	5962-8968801EA	RHFACT157D03V	5962F8968802VEC	54AC158 (GEN)	5962-8972901V2A
54ACT157/QFA	5962-8968801FA	RHFACT157D04Q	5962F8968802EA	54AC158 (GEN)	5962-8972901VEA
54ACT157/V2A-R	5962R8968801V2A	RHFACT157D04V	5962F8968802VEA	54AC158 (GEN)	5962-8972901VFA
54ACT157/VEA-R	5962R8968801VEA	RHFACT157K01Q	5962F8968802XC	54AC158 (GEN)	5962-8972901VXA
54ACT157/VFA-R	5962R8968801VFA	RHFACT157K01V	5962F8968802VXC	54AC158 (GEN)	5962-8972901XA
54ACT157DMQB	5962-8968801EA	RHFACT157K02Q	5962F8968802XA	54AC158 (GEN)	5962R8972901Q2A
54ACT157FMQB	5962-8968801FA	RHFACT157K02V	5962F8968802VXA	54AC158 (GEN)	5962R8972901QEA
54ACT157LMQB	5962-89688012A	RHFACT157K03V	5962F8968802VYC	54AC158 (GEN)	5962R8972901QFA
54ACTS157 (GEN)	5962H9655301QEA	RHFACT157K04V	5962F8968802VYA	54AC158 (GEN)	5962R8972901V2A
54ACTS157 (GEN)	5962H9655301QXA	SL54LS157/B2A	76002012A	54AC158 (GEN)	5962R8972901VEA
54ACTS157 (GEN)	5962H9655301VEA	SL54LS157/B2C	76002012C	54AC158 (GEN)	5962R8972901VFA
54ACTS157 (GEN)	5962H9655301VXA	SL54LS157/BEA	7600201EA	54AC158DMQB	5962-8972901EA
54ALS157A (GEN)	5962-8686901FA	SL54LS157/BFA	7600201FA	54AC158FMQB	5962-8972901FA
54FCT157AT (GEN)	5962-9220803MEA	SNJ54AHC157FK	5962-9764201Q2A	54AC158LMQB	5962-89729012A
54FCT157AT (GEN)	5962-9220803MFA	SNJ54AHC157J	5962-9764201QEA	54ACT158 (GEN)	5962-8875502VXA
54FCT157AT (GEN)	5962-9220804M2A	SNJ54AHC157W	5962-9764201QFA	54ACT158 (GEN)	5962-8875502XA
54FCT157AT (GEN)	5962-9220804MEA	SNJ54ALS157AFK	5962-86869012A	54ACT158/Q2A	5962-88755012A
54FCT157CT (GEN)	5962-9220805M2A	SNJ54ALS157AJ	5962-8686901EA	54ACT158/QEA	5962-8875501EA
54FCT157CT (GEN)	5962-9220805MEA	SNJ54HC157FK	5962-86061012A	54ACT158/QFA	5962-8875501FA
54FCT157CT (GEN)	5962-9220805MFA	SNJ54HC157J	5962-8606101EA	54ACT158DMQB	5962-8875501EA
54FCT157CT (GEN)	5962-9220806M2A	SNJ54LS157FK	76002012A	54ACT158FMQB	5962-8875501FA
54FCT157CT (GEN)	5962-9220806MEA	SNJ54LS157J	7600201EA	54ACT158LMQB	5962-88755012A
54FCT157T (GEN)	5962-9220802M2A	SNJ54LS157W	7600201FA	54ALS158 (GEN)	5962-88625012A
54FCT157T (GEN)	5962-9220802MEA	SNJ54LVC157AJ	5962-0050601QEA	54ALS158 (GEN)	5962-8862501FA
54FCT157T/M2A	5962-9220801M2A	SNJ54LVC157AW	5962-0050601QFA	54HC158/B2A	5962-86823012A
54FCT157T/MEA	5962-9220801MEA	SNV54HC157J	5962-8606101VEA	54HC158/BEA	5962-8682301EA
54FCT157T/MFA	5962-9220801MFA	UT54ACS157PQAH	5962H9655201QEA	54HC158/BFA	5962-8682301FA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
54LS158 (GEN)	7603301FA	P54FCT161ATFSMB	5962-9220903MFA	RHFACT161K02V	5962F9172202VXA
CD54HCT158F3A	5962-9070301MEA	P54FCT161ATFSMB04	5962-9220904MFA	SL54LS161/B2A	76008012A
SL54LS158/B2A	76033012A	P54FCT161ATLMB	5962-9220903M2A	SL54LS161/B2C	76008012C
SL54LS158/B2C	76033012C	P54FCT161ATLMB04	5962-9220904M2A	SL54LS161/BEA	7600801EA
SL54LS158/BEA	7603301EA	P54FCT161CTCMB	5962-9220905MEA	SL54LS161/BFA	7600801FA
SL54LS158/BFA	7603301FA	P54FCT161CTCMB06	5962-9220906MEA	SNJ54ALS161BFK	83022012A
SNJ54ALS158J	5962-8862501EA	P54FCT161CTFSMB	5962-9220905MFA	SNJ54ALS161BJ	8302201EA
SNJ54LS158FK	76033012A	P54FCT161CTFSMB06	5962-9220906MFA	SNJ54ALS161BW	8302201FA
SNJ54LS158J	7603301EA	P54FCT161CTLMB	5962-9220905M2A	SNJ54HC161FK	84075012A
54SX16 (GEN)	5962-9956901Q9A	P54FCT161CTLMB06	5962-9220906M2A	SNJ54HC161J	8407501EA
54SX16 (GEN)	5962-9956901QXC	P54FCT161TCMB	5962-9220901MEA	SNJ54HC161W	8407501FA
54SX16 (GEN)	5962-9956901QYC	P54FCT161TCMB02	5962-9220902MEA	SNJ54LS161AFK	76008012A
54SX16 (GEN)	5962-9956903Q9B	P54FCT161TFSMB	5962-9220901MFA	SNJ54LS161AJ	7600801EA
54SX16 (GEN)	5962-9956903QXC	P54FCT161TFSMB02	5962-9220902MFA	SNJ54LS161AW	7600801FA
54SX16 (GEN)	5962-9956903QYC	P54FCT161TLMB	5962-9220901M2A	SNV54HC161J	5962-8407501VEA
54HC160/B2A	5962-86824012A	P54FCT161TLMB02	5962-9220902M2A	SNV54LS161AJ	5962-7600801VEA
54HC160/BEA	5962-8682401EA	PF54FCT161ACMB	5962-8864003EA	54ALS162B/B2A	84079012A
54HC160/BFA	5962-8682401FA	PF54FCT161AFSMB	5962-8864003FA	54ALS162B/BEA	8407901EA
54HCT160 (GEN)	5962-9070501MEA	PF54FCT161ALMB	5962-88640032A	54ALS162B/BFA	8407901FA
SL54LS160A/BEA	7700901EA	PF54FCT161CMB	5962-8864001EA	54HC162/B2A	84094012A
SL54LS160A/BFA	7700901FA	PF54FCT161CMB02	5962-8864002EA	54HC162/BEA	8409401EA
54AC161 (GEN)	5962-8956101VXA	PF54FCT161FMSB02	5962-8864002FA	54HC162/BFA	8409401FA
54AC161 (GEN)	5962-8956101XA	PF54FCT161FSMB	5962-8864001FA	54HCT162 (GEN)	5962-8970701EA
54AC161DMQB	5962-8956101EA	PF54FCT161LMB	5962-88640012A	AS54ALS162C16/883C	8407901EA
54AC161FMQB	5962-8956101FA	PF54FCT161LMB02	5962-88640022A	SNJ54CBT16209WD	5962-9669701QXA
54AC161LMQB	5962-89561012A	QP54ACT161ADMQB	5962-9172202QEA	UT54BS16210-UCA	5962F1524501QXA
54ACT161 (GEN)	5962-9172202VXA	QP54ACT161AFMQB	5962-9172202QFA	UT54BS16210-UCA	5962F1524501VXA
54ACT161 (GEN)	5962R9172201M2A	QP54ACT161AFMQB	5962-9172202QXA	UT54BS16210-UCA	5962R1524501QXA
54ACT161 (GEN)	5962R9172201MEA	QP54ACT161ALMQB	5962-9172202Q2A	UT54BS16210-UCA	5962R1524501VXA
54ACT161 (GEN)	5962R9172201MFA	QP54ACT161DMQB	5962-9172201MEA	UT54BS16210-UCC	5962F1524501QXC
54ACT161 (GEN)	5962R9172201VZA	QP54ACT161FMQB	5962-9172201MFA	UT54BS16210-UCC	5962F1524501VXC
54ACT161/V2A-R	5962R9172201V2A	QP54ACT161FMQB	5962-9172201MXA	UT54BS16210-UCC	5962R1524501QXC
54ACT161/VEA-R	5962R9172201VEA	QP54ACT161LMQB	5962-9172201M2A	UT54BS16210-UCC	5962R1524501VXC
54ACT161/VFA-R	5962R9172201VFA	QP54FCT161ADMQB	5962-8864003EA	SNJ54CBT16212AWD	5962-9852101QXA
54ACT161DMQB	5962-9172201MEA	QP54FCT161AFMQB	5962-8864003FA	54FCT162240 (GEN)	5962-9227001MXA
54ACT161FMQB	5962-9172201MFA	QP54FCT161ALMQB	5962-88640032A	54FCT162240A (GEN)	5962-9227002MXA
54ACT161LMQB	5962-9172201M2A	QP54FCT161DMQB	5962-8864002EA	54FCT162240C (GEN)	5962-9227003MXA
54HC161 (GEN)	5962-8407501VFA	QP54FCT161FMQB	5962-8864002FA	IDT54FCT162244ATEB	5962-9227102MXA
54HC161 (GEN)	5962-8407501VXA	QP54FCT161LMQB	5962-88640022A	IDT54FCT162244CTEB	5962-9227103MXA
54HC161 (GEN)	8407501XA	RHFAC161D03Q	5962F8956101EC	IDT54FCT162244TEB	5962-9227101MXA
54HCT161 (GEN)	5962-8685401EA	RHFAC161D03V	5962F8956101VEC	SNJ54ABT162244WD	5962-9458701QXA
54LS161A (GEN)	5962-7600801VFA	RHFAC161D04Q	5962F8956101EA	SNJ54LVTH162244WD	5962-9680901QXA
54SX16-1 (GEN)	5962-9956902QXC	RHFAC161D04V	5962F8956101VEA	SNV54LVTH162244WD	5962-9680901VXA
54SX16-1 (GEN)	5962-9956902QYC	RHFAC161K01Q	5962F8956101XC	54VCXH162245 (GEN)	5962P0250801QXA
54SX16-1 (GEN)	5962-9956904QXC	RHFAC161K01V	5962F8956101VXC	54VCXH162245 (GEN)	5962P0250801VXA
54SX16-1 (GEN)	5962-9956904QYC	RHFAC161K02Q	5962F8956101XA	IDT54FCT162245ATEB	5962-9227202MXA
CD54HC161F3A	8407501EA	RHFAC161K02V	5962F8956101VXA	IDT54FCT162245CTEB	5962-9227203MXA
EV54AC161DMQB	5962-8956101EA	RHFAC161K03V	5962F8956101VYC	IDT54FCT162245TEB	5962-9227201MXA
EV54AC161FMQB	5962-8956101FA	RHFAC161K04V	5962F8956101VYA	SNJ54ABT162245WD	5962-9677401QXA
EV54AC161LMQB	5962-89561012A	RHFACT161K01Q	5962F9172202QXC	SNJ54LVTH162245WD	5962-9678001QXA
P54FCT161ATCMB	5962-9220903MEA	RHFACT161K01V	5962F9172202VXC	SNV54LVTH162245WD	5962-9678001VXA
P54FCT161ATCMB04	5962-9220904MEA	RHFACT161K02Q	5962F9172202QXA	UT54ACS162245-QDIE	5962H0254301Q9A



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
UT54ACS162245SUCA	5962H0254301QXA	IDT54FCT16245CTEB	5962-9225803MXA	54ACT163 (GEN)	5962R9172301V2A
UT54ACS162245SUCA	5962H0254301VXA	IDT54FCT16245TEB	5962-9225801MXA	54ACT163 (GEN)	5962R9172301VEA
UT54ACS162245SUCC	5962H0254301QXC	SNJ54ABT16245WD	5962-9317501MXA	54ACT163 (GEN)	5962R9172301VFA
UT54ACS162245SUCC	5962H0254301VXC	SNJ54ABTE16245WD	5962-9677501QXA	54ACT163DMQB	5962-9172301MEA
UT54ACS162245-VDIE	5962H0254301V9A	SNJ54ABTH16245WD	5962-9762501QXA	54ACT163FMQB	5962-9172301MFA
54FCT162373AT (GEN)	5962-9227302MXA	SNJ54ACT16245WD	5962-9202301MXA	54ACT163LMQB	5962-9172301M2A
54FCT162373CT (GEN)	5962-9227303MXA	SNJ54LVTH16245AWD	5962-9668601QXA	54HC163 (GEN)	5962-8607601VXA
54FCT162373T (GEN)	5962-9227301MXA	SNV54LVTH16245AWD	5962-9668601VXA	54HC163 (GEN)	8607601FA
SNJ54LVTH162373WD	5962-9763801QXA	UT54ACTQ16245-UCA	5962R0624401QXA	54HC163 (GEN)	8607601XA
SNV54LVTH162373WD	5962-9763801VXA	UT54ACTQ16245-UCA	5962R0624401VXA	CD54HC163F3A	8607601EA
54FCT162374AT (GEN)	5962-9227402MXA	UT54ACTQ16245-UCC	5962R0624401QXC	IDT54FCT163ATDB	5962-9221004MEA
54FCT162374CT (GEN)	5962-9227403MXA	UT54ACTQ16245-UCC	5962R0624401VXC	IDT54FCT163ATEB	5962-9221004MFA
54FCT162374T (GEN)	5962-9227401MXA	UT54BS16245-UCA	5962F1524001QXA	IDT54FCT163ATLB	5962-9221004M2A
SNJ54LVTH162374WD	5962-9854201QXA	UT54BS16245-UCA	5962F1524001VXA	IDT54FCT163CTDB	5962-9221006MEA
SNV54LVTH162374WD	5962-9854201VXA	UT54BS16245-UCA	5962F1524001VXC	IDT54FCT163CTEB	5962-9221006MFA
54ACTQ16240 (GEN)	5962-9688001QXA	UT54BS16245-UCA	5962R1524001QXA	IDT54FCT163CTLB	5962-9221006M2A
SNJ54ABT16240WD	5962-9319901MXA	UT54BS16245-UCA	5962R1524001VXA	IDT54FCT163TDB	5962-9221002MEA
SNJ54ACT16240WD	5962-9201801MXA	UT54BS16245-UCC	5962F1524001QXC	IDT54FCT163TEB	5962-9221002MFA
SNJ54ABT16241AWD	5962-9450101QXA	UT54BS16245-UCC	5962R1524001QXC	IDT54FCT163TLB	5962-9221002M2A
54ABT16244W-QML	5962-9317402QXA	UT54BS16245-UCC	5962R1524001VXC	P54FCT163ATCMB03	5962-9221003MEA
54AC16244 (GEN)	5962-0421001QXA	RHPX16245 (GEN)	5962P0250701QXA	P54FCT163ATCMB04	5962-9221004MEA
54AC16244 (GEN)	5962-0421001VXA	RHPX16245 (GEN)	5962P0250701VXA	P54FCT163ATFSMB03	5962-9221003MFA
54ACT16244 (GEN)	5962-9202202QYA	54FCT162501A (GEN)	5962-9227601MXA	P54FCT163ATFSMB04	5962-9221004MFA
54ACT16244 (GEN)	5962-9202202VYA	54FCT162501C (GEN)	5962-9227602MXA	P54FCT163ATLMB03	5962-9221003M2A
54ACTQ16244 (GEN)	5962-9561901VXA	54FCT162511A (GEN)	5962-9474401MXA	P54FCT163ATLMB04	5962-9221004M2A
54ACTQ16244 (GEN)	5962R9561901QXA	54FCT162511C (GEN)	5962-9474402MXA	P54FCT163CTCMB05	5962-9221005MEA
54ACTQ16244 (GEN)	5962R9561901VXA	54ABTH16260 (GEN)	5962-9472801QXA	P54FCT163CTCMB06	5962-9221006MEA
54ACTQ16244FMQB	5962-9561901QXA	54FCT162646 (GEN)	5962-9227801MXA	P54FCT163CTFSMB05	5962-9221005MFA
54LCX16244 (GEN)	5962-9950501QXA	54FCT162646A (GEN)	5962-9227802MXA	P54FCT163CTFSMB06	5962-9221006MFA
IDT54FCT16244ATEB	5962-9225702MXA	54FCT162646C (GEN)	5962-9227803MXA	P54FCT163CTLMB05	5962-9221005M2A
IDT54FCT16244CTEB	5962-9225703MXA	54FCT162823A (GEN)	5962-9228001MXA	P54FCT163CTLMB06	5962-9221006M2A
IDT54FCT16244TEB	5962-9225701MXA	54FCT162823B (GEN)	5962-9228002MXA	P54FCT163TCMB	5962-9221001MEA
SNJ54ABT16244WD	5962-9317401MXA	54FCT162823C (GEN)	5962-9228003MXA	P54FCT163TCMB02	5962-9221002MEA
SNJ54ABTH16244WD	5962-9762401QXA	54FCT162827A (GEN)	5962-9228101MXA	P54FCT163TFMSMB	5962-9221001MFA
SNJ54ACT16244WD	5962-9202201MXA	54FCT162827B (GEN)	5962-9228102MXA	P54FCT163TFMSMB02	5962-9221002MFA
SNJ54CBT16244WD	5962-9855301QXA	54FCT162827C (GEN)	5962-9228103MXA	P54FCT163TLMB	5962-9221001M2A
SNJ54LVTH16244AWD	5962-9668501QXA	54FCT162841A (GEN)	5962-9228201MXA	P54FCT163TLMB02	5962-9221002M2A
SNV54LVTH16244AWD	5962-9668501VXA	54FCT162841B (GEN)	5962-9228202MXA	PF54FCT163ACMB	5962-8865702EA
UT54ACTQ16244-UCA	5962R0624301QXA	54FCT162841C (GEN)	5962-9228203MXA	PF54FCT163ACMB04	5962-8865704EA
UT54ACTQ16244-UCA	5962R0624301VXA	54FCT162952A (GEN)	5962-9228301MXA	PF54FCT163AFSMB	5962-8865702FA
UT54ACTQ16244-UCC	5962R0624301QXC	54FCT162952B (GEN)	5962-9228302MXA	PF54FCT163AFSMB04	5962-8865704FA
UT54ACTQ16244-UCC	5962R0624301VXC	54FCT162952C (GEN)	5962-9228303MXA	PF54FCT163ALMB	5962-88657022A
54ABT16245W-QML	5962-9317502QXA	54AC163 (GEN)	5962-8958201VXA	PF54FCT163ALMB04	5962-88657042A
54AC16245 (GEN)	5962-0421101QXA	54AC163 (GEN)	5962-8958201XA	PF54FCT163CMB	5962-8865701EA
54AC16245 (GEN)	5962-0421101VXA	54AC163DMQB	5962-8958201EA	PF54FCT163CMB03	5962-8865703EA
54ACT16245 (GEN)	5962-9202302QYA	54AC163FMQB	5962-8958201FA	PF54FCT163FSMB	5962-8865701FA
54ACT16245 (GEN)	5962-9202302VYA	54AC163LMQB	5962-89582012A	PF54FCT163FSMB03	5962-8865703FA
54ACTQ16245 (GEN)	5962-9562001VXA	54ACT163 (GEN)	5962-9172302QXA	PF54FCT163LMB	5962-88657012A
54ACTQ16245 (GEN)	5962R9562001QXA	54ACT163 (GEN)	5962-9172302VXA	PF54FCT163LMB03	5962-88657032A
54ACTQ16245 (GEN)	5962R9562001VXA	54ACT163 (GEN)	5962R9172301M2A	QP54ACT163DMQB	5962-9172301MEA
54ACTQ16245FMQB	5962-9562001QXA	54ACT163 (GEN)	5962R9172301MEA	QP54ACT163FMQB	5962-9172301MFA
IDT54FCT16245ATEB	5962-9225802MXA	54ACT163 (GEN)	5962R9172301MFA	QP54ACT163LMQB	5962-9172301M2A

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
QP54FCT163ADMQB	5962-8865702EA	54LCX16373 (GEN)	5962-9953401QXA	SNV54HC164J	5962-8416201VCA
QP54FCT163ADMQB	5962-8865704EA	RHFACT16373K01Q	5962F9202402QYC	SNV54HC164W	5962-8416201VDA
QP54FCT163AFMQB	5962-8865702FA	RHFACT16373K01V	5962F9202402VYC	UT54ACS164E-Q-DIEG	5962G9655603Q9B
QP54FCT163AFMQB	5962-8865704FA	RHFACT16373K02Q	5962F9202402QYA	UT54ACS164E-Q-DIEH	5962H9655602Q9B
QP54FCT163ALMQB	5962-88657022A	RHFACT16373K02V	5962F9202402VYA	UT54ACS164EUQAG	5962G9655603QXA
QP54FCT163ALMQB	5962-88657042A	RHFACT16373K03V	5962F9202402VZC	UT54ACS164EUQAH	5962H9655602QXA
QP54FCT163DMQB	5962-8865701EA	RHFACT16373K04V	5962F9202402VZA	UT54ACS164EUQCG	5962G9655603QXC
QP54FCT163DMQB	5962-8865703EA	SNJ54ABT16373AWD	5962-9320001QXA	UT54ACS164EUQCH	5962H9655602QXC
QP54FCT163FMQB	5962-8865701FA	SNJ54ACT16373WD	5962-9202401MXA	UT54ACS164EUVAG	5962G9655603VXA
QP54FCT163FMQB	5962-8865703FA	SNJ54LVTH16373WD	5962-9681001QXA	UT54ACS164EUVAH	5962H9655602VXA
QP54FCT163LMQB	5962-88657012A	54ABT16374W-QML	5962-9320101QXA	UT54ACS164EUVCG	5962G9655603VXC
QP54FCT163LMQB	5962-88657032A	54AC16374 (GEN)	5962-0421301QXA	UT54ACS164EUVCH	5962H9655602VXC
SL54LS163A/B2A	76034012A	54AC16374 (GEN)	5962-0421301VXA	UT54ACS164E-V-DIEG	5962G9655603V9B
SL54LS163A/B2C	76034012C	54ACT16374 (GEN)	5962-9202502QYA	UT54ACS164E-V-DIEH	5962H9655602V9B
SL54LS163A/BEA	7603401EA	54ACT16374 (GEN)	5962-9202502VYA	UT54ACS164PQAH	5962H9655601QCA
SL54LS163A/BFA	7603401FA	54ACTQ16374 (GEN)	5962-9452801VXA	UT54ACS164PQCH	5962H9655601QCC
SNJ54163J	5962-9754801QEA	54ACTQ16374FMQB	5962-9452801QXA	UT54ACS164PVAH	5962H9655601VCA
SNJ54163W	5962-9754801QFA	54FCT16374 (GEN)	5962-9226001MXA	UT54ACS164PVCH	5962H9655601VCC
SNJ54ALS163BFK	83022022A	54FCT16374A (GEN)	5962-9226002MXA	UT54ACS164-Q-DIEH	5962H9655601Q9A
SNJ54ALS163BJ	8302202EA	54FCT16374C (GEN)	5962-9226003MXA	UT54ACS164UQAH	5962H9655601QXA
SNJ54ALS163BW	8302202FA	54LCX16374 (GEN)	5962-9953501QXA	UT54ACS164UQCH	5962H9655601QXC
SNJ54HC163FK	86076012A	RHFACT16374K01Q	5962F9202502QYC	UT54ACS164UVAH	5962H9655601VXA
SNJ54HC163J	8607601EA	RHFACT16374K01V	5962F9202502VYC	UT54ACS164UVCH	5962H9655601VXC
SNJ54LS163AJ	7603401EA	RHFACT16374K02Q	5962F9202502QYA	UT54ACS164-V-DIEH	5962H9655601V9A
SNJ54LS163AW	7603401FA	RHFACT16374K02V	5962F9202502VYA	UT54ACTS164E-Q-DIE	5962G9655703Q9A
UT54ACS163PQAH	5962H9655401QEA	RHFACT16374K03Q	5962F9202502QZC	UT54ACTS164E-Q-DIE	5962H9655702Q9A
UT54ACS163PQCH	5962H9655401QEC	RHFACT16374K04Q	5962F9202502QZA	UT54ACTS164EUQAG	5962G9655703QXA
UT54ACS163PVAH	5962H9655401VEA	SNJ54ABT16374AWD	5962-9320101MXA	UT54ACTS164EUQAH	5962H9655702QXA
UT54ACS163PVCH	5962H9655401VEC	SNJ54ACT16374WD	5962-9202501MXA	UT54ACTS164EUQCG	5962G9655703QXC
UT54ACS163-QDIE	5962H9655401Q9A	SNJ54LVTH16374WD	5962-9564701QXA	UT54ACTS164EUQCH	5962H9655702QXC
UT54ACS163UQAH	5962H9655401QXA	UT54ACTQ16374-Q-DI	5962R0624501Q9A	UT54ACTS164EUVAG	5962G9655703VXA
UT54ACS163UQCH	5962H9655401QXC	UT54ACTQ16374-UCA	5962R0624501QXA	UT54ACTS164EUVAH	5962H9655702VXA
UT54ACS163UVAH	5962H9655401VXA	UT54ACTQ16374-UCA	5962R0624501VXA	UT54ACTS164EUVCG	5962G9655703VXC
UT54ACS163UVCH	5962H9655401VXC	UT54ACTQ16374-UCC	5962R0624501QXC	UT54ACTS164EUVCH	5962H9655702VXC
UT54ACS163-VDIE	5962H9655401V9A	UT54ACTQ16374-UCC	5962R0624501VXC	UT54ACTS164E-V-DIE	5962G9655703V9A
UT54ACTS163PQAH	5962H9655501QEA	UT54ACTQ16374-V-DI	5962R0624501V9A	UT54ACTS164E-V-DIE	5962H9655702V9A
UT54ACTS163PQCH	5962H9655501QEC	54ALS164 (GEN)	5962-86870012A	UT54ACTS164PQAH	5962H9655701QCA
UT54ACTS163PVAH	5962H9655501VEA	54ALS164 (GEN)	5962-8687001DA	UT54ACTS164PQCH	5962H9655701QCC
UT54ACTS163PVCH	5962H9655501VEC	54F164A/Q2A	5962-86071012A	UT54ACTS164PVAH	5962H9655701VCA
UT54ACTS163UQAH	5962H9655501QXA	54F164A/QCA	5962-8607101CA	UT54ACTS164PVCH	5962H9655701VCC
UT54ACTS163UQCH	5962H9655501QXC	54F164A/QDA	5962-8607101DA	UT54ACTS164UQAH	5962H9655701QXA
UT54ACTS163UVAH	5962H9655501VXA	54F164ADMQB	5962-8607101CA	UT54ACTS164UQCH	5962H9655701QXC
UT54ACTS163UVCH	5962H9655501VXC	54F164AFMQB	5962-8607101DA	UT54ACTS164UVAH	5962H9655701VXA
54ABT16373W-QML	5962-9320001QXA	54F164ALMQB	5962-86071012A	UT54ACTS164UVCH	5962H9655701VXC
54AC16373 (GEN)	5962-0421201QXA	54HC164 (GEN)	5962-8416201VXA	54ACS164245 (GEN)	5962-9858001Q9A
54AC16373 (GEN)	5962-0421201VXA	54HC164 (GEN)	8416201BA	54ACS164245 (GEN)	5962-9858001QXC
54ACT16373 (GEN)	5962-9202402QYA	54HC164 (GEN)	8416201DA	54ACS164245 (GEN)	5962-9858002Q9A
54ACT16373 (GEN)	5962-9202402VYA	54HC164 (GEN)	8416201XA	54ACS164245 (GEN)	5962-9858002QXC
54ACTQ16373 (GEN)	5962-9561801QXA	CD54HC164F3A	8416201CA	54ACS164245 (GEN)	5962-9858003Q9A
54FCT16373 (GEN)	5962-9225901MXA	CD54HCT164F3A	5962-8970401CA	54ACS164245 (GEN)	5962-9858003QXC
54FCT16373A (GEN)	5962-9225902MXA	SNJ54HC164FK	84162012A	54ACS164245 (GEN)	5962-9858004Q9A
54FCT16373C (GEN)	5962-9225903MXA	SNJ54HC164J	8416201CA	54ACS164245 (GEN)	5962-9858004QXC

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
54ACS164245 (GEN)	5962-9858005Q9A	UT54ACS165E-Q-DIEG	5962G9655803Q9A	54LS168 (GEN)	8001801FA
54ACS164245 (GEN)	5962-9858005QXC	UT54ACS165E-Q-DIEH	5962H9655802Q9A	SNJ54ABT16823WD	5962-9584201QXA
UT54ACS164245SEIQD	5962R9858006Q9A	UT54ACS165EUQAG	5962G9655803QXA	54FCT16827A (GEN)	5962-9226701MXA
UT54ACS164245SEIQD	5962R9858007Q9A	UT54ACS165EUQAH	5962H9655802QXA	54FCT16827B (GEN)	5962-9226702MXA
UT54ACS164245SEIUC	5962R9858006QXC	UT54ACS165EUQCG	5962G9655803QXC	54FCT16827C (GEN)	5962-9226703MXA
UT54ACS164245SEIUC	5962R9858007QXC	UT54ACS165EUQCH	5962H9655802QXC	54FCT16841A (GEN)	5962-9226801MXA
UT54ACS164245SEIUC	5962R9858006VXC	UT54ACS165EUVAG	5962G9655803VXA	54FCT16841B (GEN)	5962-9226802MXA
UT54ACS164245SEIUC	5962R9858007VXC	UT54ACS165EUVAH	5962H9655802VXA	54FCT16841C (GEN)	5962-9226803MXA
UT54ACS164245SEIVD	5962R9858006V9A	UT54ACS165EUVCG	5962G9655803VXC	SNJ54ABT16841WD	5962-9564601QXA
UT54ACS164245SEIVD	5962R9858007V9A	UT54ACS165EUVCH	5962H9655802VXC	54AC169 (GEN)	5962R9160301M2A
UT54ACS164245SE-Q	5962R9858004Q9A	UT54ACS165E-V-DIEG	5962G9655803V9A	54AC169 (GEN)	5962R9160301MEA
UT54ACS164245SE-Q	5962R9858005Q9A	UT54ACS165E-V-DIEH	5962H9655802V9A	54AC169 (GEN)	5962R9160301MFA
UT54ACS164245SEUC	5962R9858004QXC	UT54ACS165-Q-DIEG	5962G9655801Q9A	54AC169 (GEN)	5962R9160301V2A
UT54ACS164245SEUC	5962R9858005QXC	UT54ACS165UQAG	5962G9655801QXA	54AC169 (GEN)	5962R9160301VEA
UT54ACS164245SEUC	5962R9858004VXC	UT54ACS165UQCG	5962G9655801QXC	54AC169 (GEN)	5962R9160301VFA
UT54ACS164245SEUC	5962R9858005VXC	UT54ACS165UVAG	5962G9655801VXA	54AC169DMQB	5962-9160301MEA
UT54ACS164245SE-VD	5962R9858004V9A	UT54ACS165UVCG	5962G9655801VXC	54AC169FMQB	5962-9160301MFA
UT54ACS164245SE-VD	5962R9858005V9A	UT54ACS165-V-DIEG	5962G9655801V9A	54AC169LMQB	5962-9160301M2A
UT54ACS164245S-QDI	5962R9858001Q9A	UT54ACTS165PQAH	5962H9655901QEA	54ALS169B (GEN)	83025012A
UT54ACS164245S-QDI	5962R9858002Q9A	UT54ACTS165PQCH	5962H9655901QEC	54F169/Q2A	5962-86072012A
UT54ACS164245S-QDI	5962R9858003Q9A	UT54ACTS165PVAH	5962H9655901VEA	54F169/QEA	5962-8607201EA
UT54ACS164245SUCC	5962R9858001QXC	UT54ACTS165PVCH	5962H9655901VEC	54F169/QFA	5962-8607201FA
UT54ACS164245SUCC	5962R9858002QXC	UT54ACTS165UQAH	5962H9655901QXA	54F169DMQB	5962-8607201EA
UT54ACS164245SUCC	5962R9858003QXC	UT54ACTS165UQCH	5962H9655901QXC	54F169FMQB	5962-8607201FA
UT54ACS164245SUCC	5962R9858001VXC	UT54ACTS165UVAH	5962H9655901VXA	54F169LMQB	5962-86072012A
UT54ACS164245SUCC	5962R9858002VXC	UT54ACTS165UVCH	5962H9655901VXC	SL54LS169/B2A	80018022A
UT54ACS164245SUCC	5962R9858003VXC	54ABT16500W-QML	5962-9687001QXA	SL54LS169/B2C	80018022C
UT54ACS164245S-VDI	5962R9858001V9A	SNJ54LVTH16501WD	5962-9677701QXA	SL54LS169/BEA	8001802EA
UT54ACS164245S-VDI	5962R9858002V9A	54ACTQ16541 (GEN)	5962-0052901QXA	SL54LS169/BFA	8001802FA
UT54ACS164245S-VDI	5962R9858003V9A	54FCT16543AT (GEN)	5962-9226302MXA	SNJ54ALS169BJ	8302501EA
UT54ACS164646SUCA	5962R0623401QXA	54FCT16543CT (GEN)	5962-9226303MXA	SNJ54ALS169BW	8302501FA
UT54ACS164646SUCA	5962R0623401VXA	54FCT16543T (GEN)	5962-9226301MXA	SNJ54LS169BJ	8001802EA
UT54ACS164646SUCC	5962R0623401QXC	SNJ54ABT16543WD	5962-9324101MXA	SNJ54LS169BW	8001802FA
UT54ACS164646SUCC	5962R0623401VXC	CD54HC166F3A	5962-9050101QEA	SNJ54LS169FK	80018022A
54ACS165 (GEN)	5962H9655801QEA	SNJ54166J	5962-9558301QEA	UT54ACS169PQAH	5962H9656001QEA
54ACS165 (GEN)	5962H9655801QXA	SNJ54166W	5962-9558301QFA	UT54ACS169PQCH	5962H9656001QEC
54ACS165 (GEN)	5962H9655801VEA	SNJ54HC166FK	5962-9050101Q2A	UT54ACS169PVAH	5962H9656001VEA
54ACS165 (GEN)	5962H9655801VXA	SNJ54HC166J	5962-9050101QEA	UT54ACS169PVCH	5962H9656001VEC
54ALS165 (GEN)	5962-89574012A	SNJ54LS166AJ	8001701EA	UT54ACS169UQAH	5962H9656001QXA
54ALS165 (GEN)	5962-8957401EA	SNJ54LS166AW	8001701FA	UT54ACS169UQCH	5962H9656001QXC
54ALS165 (GEN)	5962-8957401FA	SNV54HC166J	5962-9050101VEA	UT54ACS169UVAH	5962H9656001VXA
54HC165 (GEN)	5962-8409501VXA	SNJ54ABT16601WD	5962-9467101QXA	UT54ACS169UVCH	5962H9656001VXC
54HC165 (GEN)	8409501XA	SNJ54GTL16612WD	5962-9689001QXA	UT54ACTS169PQAH	5962H9656101QEA
CD54HC165F3A	8409501EA	54ABT16640 (GEN)	5962-9559001QXA	UT54ACTS169PQCH	5962H9656101QEC
CD54HCT165F3A	5962-8685501EA	54ABT16646W-QML	5962-9450202QXA	UT54ACTS169PVAH	5962H9656101VEA
SNJ54HC165FK	84095012A	54ACTQ16646FMQB	5962-9581601QXA	UT54ACTS169PVCH	5962H9656101VEC
SNJ54HC165J	8409501EA	54FCT16646AT (GEN)	5962-9226402MXA	UT54ACTS169UQAH	5962H9656101QXA
SNJ54HC165W	8409501FA	54FCT16646CT (GEN)	5962-9226403MXA	UT54ACTS169UQCH	5962H9656101QXC
SNJ54LS165AJ	7700601EA	54FCT16646T (GEN)	5962-9226401MXA	UT54ACTS169UVAH	5962H9656101VXA
SNJ54LS165AW	7700601FA	SNJ54ABT16646WD	5962-9450201QXA	UT54ACTS169UVCH	5962H9656101VXC
SNV54LS165AJ	5962-7700601VEA	SNJ54ABT16652WD	5962-9584101QXA	SNJ54LVTH16952WD	5962-9684901QXA
SNV54LS165AW	5962-7700601VFA	54LS168 (GEN)	8001801EA	SL54LS170/BEA	8002501EA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SL54LS170/BFA	8002501FA	54AC175/VFA	5962-8955201VFA	SNJ54ABT18502HV	5962-9467201QXA
SNJ54LS170W	8002501FA	54AC175/VFA-R	5962R8955201VFA	SNJ54ABTH18502AHV	5962-9561401QXA
54HC173/B2A	5962-86825012A	54AC175DMQB	5962-8955201EA	SNJ54LVTH18502AHV	5962-9681101QXA
CD54HC173F3A	5962-8682501EA	54AC175FMQB	5962-8955201FA	54ABT18646 (GEN)	5962-9469801QXA
CD54HCT173F3A	5962-8875901EA	54AC175LMQB	5962-89552012A	SNJ54ABTH18646AHV	5962-9669801QXA
54AC174 (GEN)	5962-8762602VXA	54ACT175 (GEN)	5962-8969301V2A	SL54S189/B2A	78015022A
54AC174 (GEN)	5962-8762602XA	54ACT175 (GEN)	5962-8969301VEA	SL54S189/B2C	78015022C
54AC174/Q2A	5962-87626012A	54ACT175 (GEN)	5962-8969301VFA	SL54S189/BEA	7801502EA
54AC174/QEA	5962-8762601EA	54ACT175 (GEN)	5962R89693012A	SL54S189/BFA	7801502FA
54AC174/QFA	5962-8762601FA	54ACT175 (GEN)	5962R8969301EA	54HC190 (GEN)	5962-89946012A
54AC174DMQB	5962-8762601EA	54ACT175 (GEN)	5962R8969301FA	54LS190 (GEN)	76035012A
54AC174FMQB	5962-8762601FA	54ACT175 (GEN)	5962R8969301V2A	54LS190 (GEN)	7603501EA
54AC174LMQB	5962-87626012A	54ACT175 (GEN)	5962R8969301VEA	54LS190 (GEN)	7603501FA
54ACT174 (GEN)	5962-8775701VXA	54ACT175 (GEN)	5962R8969301VFA	CD54HC190F3A	5962-8994601EA
54ACT174 (GEN)	5962-8775701XA	54ACT175/Q2A	5962-89693012A	UT54ACS190PQAH	5962H9656201QEA
54ACT174 (GEN)	5962-8775702VXA	54ACT175/QEA	5962-8969301EA	UT54ACS190PQCH	5962H9656201QEC
54ACT174 (GEN)	5962-8775702XA	54ACT175/QFA	5962-8969301FA	UT54ACS190PVAH	5962H9656201VEA
54ACT174/Q2A	5962-87757012A	54ACT175DMQB	5962-8969301EA	UT54ACS190PVCH	5962H9656201VEC
54ACT174/QEA	5962-8775701EA	54ACT175FMQB	5962-8969301FA	UT54ACS190UQAH	5962H9656201QXA
54ACT174/QFA	5962-8775701FA	54ACT175LMQB	5962-89693012A	UT54ACS190UQCH	5962H9656201QXC
54ACT174DMQB	5962-8775701EA	54ALS175 (GEN)	83019022A	UT54ACS190UVAH	5962H9656201VXA
54ACT174FMQB	5962-8775701FA	54ALS175 (GEN)	8301902FA	UT54ACS190UVCH	5962H9656201VXC
54ACT174LMQB	5962-87757012A	54AS175B (GEN)	5962-9553701Q2A	UT54ACTS190PQAH	5962H9656301QEA
54HC174 (GEN)	5962-8407301VEA	54AS175B (GEN)	5962-9553701QFA	UT54ACTS190PQCH	5962H9656301QEC
54HC174 (GEN)	5962-8407301VFA	54HC175 (GEN)	5962-8408901VXA	UT54ACTS190PVAH	5962H9656301VEA
CD54HCT174F3A	5962-8974301EA	54HC175 (GEN)	8408901XA	UT54ACTS190PVCH	5962H9656301VEC
EV54AC174DMQB	5962-8762601EA	CD54HC175F3A	8408901EA	UT54ACTS190UQAH	5962H9656301QXA
EV54AC174FMQB	5962-8762601FA	CD54HCT175F3A	5962-8970101EA	UT54ACTS190UQCH	5962H9656301QXC
EV54AC174LMQB	5962-87626012A	EV54ACT175DMQB	5962-8969301EA	UT54ACTS190UVAH	5962H9656301VXA
RHFAC174K01Q	5962F8762602XC	EV54ACT175FMQB	5962-8969301FA	UT54ACTS190UVCH	5962H9656301VXC
RHFAC174K01V	5962F8762602VXC	EV54ACT175LMQB	5962-89693012A	54AC191 (GEN)	5962-8974902VXA
RHFAC174K02Q	5962F8762602XA	SNJ54ALS175J	8301902EA	54AC191 (GEN)	5962-8974902XA
RHFAC174K02V	5962F8762602VXA	SNJ54AS175BJ	5962-9553701QEA	54AC191DMQB	5962-8974901EA
RHFAC174K03V	5962F8762602VYC	SNJ54HC175FK	84089012A	54AC191FMQB	5962-8974901FA
RHFAC174K04V	5962F8762602VYA	SNJ54HC175J	8408901EA	54AC191LMQB	5962-89749012A
RHFACT174K01Q	5962F8775702XC	SNJ54HC175W	8408901FA	54ACS191 (GEN)	5962H9656401Q9A
RHFACT174K01V	5962F8775702VXC	54F181DMQB	5962-8671002JA	54ACS191 (GEN)	5962H9656401QEA
RHFACT174K02Q	5962F8775702XA	54F181LMQB	5962-86710023A	54ACS191 (GEN)	5962H9656401QXA
RHFACT174K02V	5962F8775702VXA	54FCT182 (GEN)	5962-88652012A	54ACS191 (GEN)	5962H9656401V9A
SNJ54ALS174FK	83019012A	54FCT182 (GEN)	5962-8865201EA	54ACS191 (GEN)	5962H9656401VEA
SNJ54ALS174J	8301901EA	54FCT182 (GEN)	5962-8865201FA	54ACS191 (GEN)	5962H9656401VXA
SNJ54ALS174W	8301901FA	54FCT182A (GEN)	5962-88652022A	54ACT191 (GEN)	5962-0422801QXA
SNJ54HC174FK	84073012A	54FCT182A (GEN)	5962-8865202EA	54ACT191 (GEN)	5962-0422801VXA
SNJ54HC174J	8407301EA	54FCT182A (GEN)	5962-8865202FA	54F191/Q2A	5962-90582012A
SNJ54HC174W	8407301FA	54ABT18245 (GEN)	5962-9460101QXA	54F191/QEA	5962-9058201EA
54AC175/Q2A	5962-89552012A	SNJ54ABT18245AWD	5962-9460102QXA	54F191/QFA	5962-9058201FA
54AC175/QEA	5962-8955201EA	54LS183/B2A	5962-90541012A	54F191DMQB	5962-9058201EA
54AC175/QFA	5962-8955201FA	54LS183/BCA	5962-9054101CA	54F191FMQB	5962-9058201FA
54AC175/V2A	5962-8955201V2A	54LS183/BDA	5962-9054101DA	54F191LMQB	5962-90582012A
54AC175/V2A-R	5962R8955201V2A	54185A (GEN)	77030012A	54FCT191 (GEN)	5962-89733012A
54AC175/VEA	5962-8955201VEA	54185A (GEN)	7703001EA	54FCT191 (GEN)	5962-8973301EA
54AC175/VEA-R	5962R8955201VEA	54185A (GEN)	7703001FA	54FCT191 (GEN)	5962-8973301FA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
54FCT191 (GEN)	5962-89733032A	UT54ACS191-UQCG	5962G9656401QXC	UT54ACS193ECXC	5962G9656603QXC
54FCT191 (GEN)	5962-8973303EA	UT54ACS191-UVAG	5962G9656401VXA	UT54ACS193ECXC	5962G9656603VXC
54FCT191 (GEN)	5962-8973303FA	UT54ACS191-UVCG	5962G9656401VXC	UT54ACS193ECXC	5962H9656602QXC
54FCT191A (GEN)	5962-89733022A	UT54ACS191-VDIEG	5962G9656401V9B	UT54ACS193ECXC	5962H9656602VXC
54FCT191A (GEN)	5962-8973302EA	UT54ACTS191PQAH	5962H9656501QEA	UT54ACS193E-QDIEG	5962G9656603Q9B
54FCT191A (GEN)	5962-8973302FA	UT54ACTS191PQCH	5962H9656501QEC	UT54ACS193E-QDIEH	5962H9656602Q9B
54FCT191A (GEN)	5962-89733042A	UT54ACTS191PVAH	5962H9656501VEA	UT54ACS193E-VDIEG	5962G9656603V9B
54FCT191A (GEN)	5962-8973304EA	UT54ACTS191PVCH	5962H9656501VEC	UT54ACS193E-VDIEH	5962H9656602V9B
54FCT191A (GEN)	5962-8973304FA	UT54ACTS191UQAH	5962H9656501QXA	UT54ACS193-Q-DIEG	5962G9656601Q9B
54HC191 (GEN)	5962-8689101VXA	UT54ACTS191UQCH	5962H9656501QXC	UT54ACS193UQAG	5962G9656601QXA
54HC191 (GEN)	5962-8689101XA	UT54ACTS191UVAH	5962H9656501VXA	UT54ACS193UQCG	5962G9656601QXC
AC191DIE2V	5962F8974902V9A	UT54ACTS191UVCH	5962H9656501VXC	UT54ACS193UVAG	5962G9656601VXA
CD54HC191F3A	5962-8689101EA	54HC192 (GEN)	5962-87808012A	UT54ACS193UVCG	5962G9656601VXC
CD54HCT191F3A	5962-8867101EA	CD54HC192F3A	5962-8780801EA	UT54ACS193-V-DIEG	5962G9656601V9B
RHFAC191D03Q	5962F8974902EC	SL54192/BEA	5962-9558401QEA	UT54ACTS193-Q-DIEG	5962G9656701Q9B
RHFAC191D03V	5962F8974902VEC	SL54192/BFA	5962-9558401QFA	UT54ACTS193UQAG	5962G9656701QXA
RHFAC191D04Q	5962F8974902EA	SNJ54192J	5962-9558401QEA	UT54ACTS193UQCG	5962G9656701QXC
RHFAC191D04V	5962F8974902VEA	SNJ54192W	5962-9558401QFA	UT54ACTS193UVAG	5962G9656701VXA
RHFAC191K01Q	5962F8974902XC	54ACS193 (GEN)	5962H9656601Q9A	UT54ACTS193UVCG	5962G9656701VXC
RHFAC191K01V	5962F8974902VXC	54ACS193 (GEN)	5962H9656601QEA	UT54ACTS193-V-DIEG	5962G9656701V9B
RHFAC191K02Q	5962F8974902XA	54ACS193 (GEN)	5962H9656601QXA	54F194 (GEN)	5962-86850012A
RHFAC191K02V	5962F8974902VXA	54ACS193 (GEN)	5962H9656601V9A	54F194 (GEN)	5962-8685001EA
RHFAC191K03V	5962F8974902VYC	54ACS193 (GEN)	5962H9656601VEA	54F194 (GEN)	5962-8685001FA
RHFAC191K04V	5962F8974902VYA	54ACS193 (GEN)	5962H9656601VXA	54HC194/B2A	5962-86826012A
RHFACT191K01Q	5962F0422801QXC	54ACTS193 (GEN)	5962H9656701Q9A	CD54HC194F3A	5962-8682601EA
RHFACT191K01V	5962F0422801VXC	54ACTS193 (GEN)	5962H9656701QEA	SL54S194/BEA	7604001EA
RHFACT191K02Q	5962F0422801QXA	54ACTS193 (GEN)	5962H9656701QXA	SL54S194/BFA	7604001FA
RHFACT191K02V	5962F0422801VXA	54ACTS193 (GEN)	5962H9656701V9A	SNJ54S194J	7604001EA
RHFACT191K03V	5962F0422801VYC	54ACTS193 (GEN)	5962H9656701VEA	SNJ54S194W	7604001FA
RHFACT191K04V	5962F0422801VYA	54ACTS193 (GEN)	5962H9656701VXA	54HC195 (GEN)	5962-86827012A
SNJ54ALS191AFK	5962-86840012A	54ALS193A (GEN)	5962-88698012A	SNJ54HC195J	5962-8682701EA
SNJ54ALS191AJ	5962-8684001EA	54FCT193 (GEN)	5962-9066901M2A	54LS196 (GEN)	77010012A
SNJ54ALS191AW	5962-8684001FA	54FCT193 (GEN)	5962-9066901MEA	GEM39901QCA	7601501CA
SNJ54HC191FK	5962-86891012A	54FCT193 (GEN)	5962-9066901MFA	GEM39901QCC	7601501CC
SNJ54HC191J	5962-8689101EA	54FCT193A (GEN)	5962-9066902M2A	GEM39901QDA	7601501DA
SNJ54LS191EK	76009012A	54FCT193A (GEN)	5962-9066902MEA	GEM39901QDC	7601501DC
SNJ54LS191J	7600901EA	54FCT193A (GEN)	5962-9066902MFA	54F198 (GEN)	5962-90502013A
SNJ54LS191W	7600901FA	54HC193 (GEN)	5962-87724012A	54F198 (GEN)	5962-9050201KA
UT54ACS191E-QDIEG	5962G9656403Q9B	54HC193 (GEN)	5962-8772401VXA	54F198 (GEN)	5962-9050201LA
UT54ACS191E-QDIEH	5962H9656402Q9B	54HC193 (GEN)	5962-8772401XA	DG542A (GEN)	5962-9155201MEA
UT54ACS191E-UQAG	5962G9656403QXA	CD54HC193F3A	5962-8772401EA	54AC20 (GEN)	5962-8761303VXA
UT54ACS191E-UQAH	5962H9656402QXA	CD54HCT193F3A	5962-9084801MEA	54AC20 (GEN)	5962-8761303XA
UT54ACS191E-UQCG	5962G9656403QXC	SNJ54ALS193AJ	5962-8869801EA	54AC20/QCA	5962-8761301CA
UT54ACS191E-UQCH	5962H9656402QXC	SNJ54ALS193AW	5962-8869801FA	54AC20/QDA	5962-8761301DA
UT54ACS191E-UVAG	5962G9656403VXA	SNJ54HC193J	5962-8772401EA	54AC20DMQB	5962-8761301CA
UT54ACS191E-UVAH	5962H9656402VXA	SNJ54LS193FK	76006012A	54AC20FMQB	5962-8761301DA
UT54ACS191E-UVCG	5962G9656403VXC	SNJ54LS193J	7600601EA	54AC20LMQB	5962-87613012A
UT54ACS191E-UVCH	5962H9656402VXC	SNJ54LS193W	7600601FA	54ACT20 (GEN)	5962-0051302QXA
UT54ACS191E-VDIEG	5962G9656403V9B	UT54ACS193ECXA	5962G9656603QXA	54ACT20 (GEN)	5962-0051302VXA
UT54ACS191E-VDIEH	5962H9656402V9B	UT54ACS193ECXA	5962G9656603VXA	54ACTS20 (GEN)	5962H9652701Q9A
UT54ACS191-QDIEG	5962G9656401Q9B	UT54ACS193ECXA	5962H9656602QXA	54ACTS20 (GEN)	5962H9652701QCA
UT54ACS191-UQAG	5962G9656401QXA	UT54ACS193ECXA	5962H9656602VXA	54ACTS20 (GEN)	5962H9652701QXA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
54ACTS20 (GEN)	5962H9652701V9A	54FB2040 (GEN)	5962-9681501QXA	UT54ACTS220UVCH	5962H9675301VXC
54ACTS20 (GEN)	5962H9652701VCA	54ALS21 (GEN)	8414301BA	54HC221AE/883C	5962-87805022A
54ACTS20 (GEN)	5962H9652701VXA	54ALS21A (GEN)	8414301DA	54HC221AJ//883C	5962-8780502EA
54F20DMQB	5962-9758401QCA	54AS21 (GEN)	5962-8780401DA	CD54HC221F3A	5962-8780501EA
54F20FMQB	5962-9758401QDA	54AS21 (GEN)	5962-87804012A	SL54221/BEA	5962-8771101EA
54F20LMQB	5962-9758401Q2A	54AS21 (GEN)	5962-8780401BA	SNJ54221J	5962-8771101EA
54HC20 (GEN)	5962-8403901VDA	54AS21 (GEN)	5962-8780401CA	SNJ54LS221FK	76042012A
54HC20 (GEN)	8403901AA	54F21/B2A	5962-89554012A	SNJ54LS221J	7604201EA
54HC20 (GEN)	8403901BA	54F21/BCA	5962-8955401CA	SNJ54LS221W	7604201FA
CD54ACT20F3A	5962-0051301QCA	54F21/BDA	5962-8955401DA	54ABT2240A (GEN)	5962-9469701QSA
CD54HC20F3A	8403901CA	54HC21 (GEN)	5962-8857601DA	54BCT2240 (GEN)	5962-9093901MSA
SNJ54ALS20AW	5962-8858901DA	SNJ54ALS21AFK	84143012A	SNJ54ABT2240AFK	5962-9469701Q2A
SNJ54F20FK	5962-9758401Q2A	SNJ54ALS21AJ	8414301CA	SNJ54ABT2240AJ	5962-9469701QRA
SNJ54F20J	5962-9758401QCA	SNJ54HC21FK	5962-88576012A	SNJ54BCT2240FK	5962-9093901M2A
SNJ54F20W	5962-9758401QDA	SNJ54HC21J	5962-8857601CA	SNJ54BCT2240J	5962-9093901MRA
SNJ54HC20FK	84039012A	UT54LVDS217-QDIE	5962F0153402Q9A	54BCT2244 (GEN)	5962-9074101MSA
SNJ54HC20J	8403901CA	UT54LVDS217-QDIE	5962H0153402Q9A	54F2244DMQB	5962-9325001MRA
SNJ54HC20W	8403901DA	UT54LVDS217-QDIE	5962R0153401Q9A	54F2244FMQB	5962-9325001MSA
SNV54AC20J-SP	5962-8761303VCA	UT54LVDS217UCA	5962F0153402QXA	54F2244LMQB	5962-9325001M2A
SNV54AC20W-SP	5962-8761303VDA	UT54LVDS217UCA	5962F0153402VXA	54FCT2244 (GEN)	5962-9301901M2A
SNV54HC20J	5962-8403901VCA	UT54LVDS217UCA	5962H0153402QXA	54FCT2244 (GEN)	5962-9301901MSA
UT54ACS20PQAH	5962H9652601QCA	UT54LVDS217UCA	5962H0153402VXA	54FCT2244A (GEN)	5962-9301902M2A
UT54ACS20PQCH	5962H9652601QCC	UT54LVDS217UCA	5962R0153401QXA	54FCT2244A (GEN)	5962-9301902MRA
UT54ACS20PVAH	5962H9652601VCA	UT54LVDS217UCA	5962R0153401VXA	54FCT2244A (GEN)	5962-9301902MSA
UT54ACS20PVCH	5962H9652601VCC	UT54LVDS217UCC	5962F0153402QXC	54FCT2244C (GEN)	5962-9301903M2A
UT54ACS20-QDIE	5962H9652601Q9A	UT54LVDS217UCC	5962F0153402VXC	54FCT2244C (GEN)	5962-9301903MRA
UT54ACS20UQAH	5962H9652601QXA	UT54LVDS217UCC	5962H0153402QXC	54FCT2244C (GEN)	5962-9301903MSA
UT54ACS20UQCH	5962H9652601QXC	UT54LVDS217UCC	5962H0153402VXC	I54FCT2244 (GEN)	5962-9301901MRA
UT54ACS20UVAH	5962H9652601VXA	UT54LVDS217UCC	5962R0153401QXC	SNJ54ABT2244FK	5962-9467301Q2A
UT54ACS20UVCH	5962H9652601VXC	UT54LVDS217UCC	5962R0153401VXC	SNJ54ABT2244J	5962-9467301QRA
UT54ACS20-VDIE	5962H9652601V9A	UT54LVDS217-VDIE	5962F0153402V9A	SNJ54ABT2244W	5962-9467301QSA
UT54ACTS20E-QDIEG	5962G9652703Q9B	UT54LVDS217-VDIE	5962H0153402V9A	SNJ54BCT2244FK	5962-9074101M2A
UT54ACTS20E-QDIEH	5962H9652702Q9B	UT54LVDS217-VDIE	5962R0153401V9A	SNJ54BCT2244J	5962-9074101MRA
UT54ACTS20E-UQAG	5962G9652703QXA	UT54LVDS218-QDIE	5962H0153501Q9A	54FCT2245 (GEN)	5962-9302001M2A
UT54ACTS20E-UQAH	5962H9652702QXA	UT54LVDS218-QDIE	5962H0153502Q9A	54FCT2245 (GEN)	5962-9302001MRA
UT54ACTS20E-UQCG	5962G9652703QXC	UT54LVDS218UCA	5962H0153501QXA	54FCT2245 (GEN)	5962-9302001MSA
UT54ACTS20E-UQCH	5962H9652702QXC	UT54LVDS218UCA	5962H0153501VXA	54FCT2245A (GEN)	5962-9302002M2A
UT54ACTS20E-UVAG	5962G9652703VXA	UT54LVDS218UCA	5962H0153502QXA	54FCT2245A (GEN)	5962-9302002MRA
UT54ACTS20E-UVAH	5962H9652702VXA	UT54LVDS218UCA	5962H0153502VXA	54FCT2245A (GEN)	5962-9302002MSA
UT54ACTS20E-UVCG	5962G9652703VXC	UT54LVDS218UCC	5962H0153501QXC	54FCT2245C (GEN)	5962-9302003M2A
UT54ACTS20E-UVCH	5962H9652702VXC	UT54LVDS218UCC	5962H0153501VXC	54FCT2245C (GEN)	5962-9302003MRA
UT54ACTS20E-VDIEG	5962G9652703V9B	UT54LVDS218UCC	5962H0153502QXC	54FCT2245C (GEN)	5962-9302003MSA
UT54ACTS20E-VDIEH	5962H9652702V9B	UT54LVDS218UCC	5962H0153502VXC	SNJ54ABT2245FK	5962-9560601Q2A
UT54ACTS20-QDIEG	5962G9652701Q9B	UT54LVDS218-VDIE	5962H0153501V9A	SNJ54ABT2245J	5962-9560601QRA
UT54ACTS20UQAG	5962G9652701QXA	UT54LVDS218-VDIE	5962H0153502V9A	SNJ54ABT2245W	5962-9560601QSA
UT54ACTS20UQCG	5962G9652701QXC	UT54ACTS220PQAH	5962H9675301QCA	UT54LVDM228UPA	5962H0153701QXA
UT54ACTS20UVAG	5962G9652701VXA	UT54ACTS220PQCH	5962H9675301QCC	UT54LVDM228UPA	5962H0153701VXA
UT54ACTS20UVCG	5962G9652701VXC	UT54ACTS220PVAH	5962H9675301VCA	UT54LVDM228UPC	5962H0153701QXC
UT54ACTS20-VDIEG	5962G9652701V9B	UT54ACTS220PVCH	5962H9675301VCC	UT54LVDM228UPC	5962H0153701VXC
54AC20/Q2A	5962-87613012A	UT54ACTS220UQAH	5962H9675301QXA	SNJ5423J	5962-9763601QEA
54FB2031 (GEN)	5962-9477301QXA	UT54ACTS220UQCH	5962H9675301QXC	54HC237 (GEN)	5962-8860601VFA
54FB2033 (GEN)	5962-9457401QXA	UT54ACTS220UVAH	5962H9675301VXA	54HC237 (GEN)	5962-8860601VXA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
54HC237 (GEN)	5962-8860601XA	54ACT240DMQB	5962-8775901MRA	P54FCT240TFSMB	5962-9221301MSA
54HC237/B2A	5962-88606012A	54ACT240DMQB	5962-8775901RA	P54FCT240TFSMB	5962-9221302MSA
54HC237/BFA	5962-8860601FA	54ACT240FMQB	5962-8775901MSA	P54FCT240TLMB	5962-9221301M2A
CD54HC237F3A	5962-8860601EA	54ACT240FMQB	5962-8775901SA	P54FCT240TLMB	5962-9221302M2A
54FCT2374 (GEN)	5962-9302601M2A	54ACT240LMQB	5962-87759012A	QP54ACT240B2A	5962-8775901B2A
54FCT2374 (GEN)	5962-9302601MRA	54ACT240LMQB	5962-8775901M2A	QP54ACT240BRA	5962-8775901BRA
54FCT2374 (GEN)	5962-9302601MSA	54ACTQ240/Q2A	5962-9218401M2A	QP54ACT240BSA	5962-8775901BSA
54FCT2374A (GEN)	5962-9302602M2A	54ACTQ240/QRA	5962-9218401MRA	QP54ACT240DMQB	5962-8775901MRA
54FCT2374A (GEN)	5962-9302602MRA	54ACTQ240/QSA	5962-9218401MSA	QP54ACT240DMQB	5962-8775901RA
54FCT2374A (GEN)	5962-9302602MSA	54ACTQ240DMQB	5962-9218401MRA	QP54ACT240FMQB	5962-8775901MSA
54FCT2374C (GEN)	5962-9302603M2A	54ACTQ240FMQB	5962-9218401MSA	QP54ACT240FMQB	5962-8775901SA
54FCT2374C (GEN)	5962-9302603MRA	54ACTQ240LMQB	5962-9218401M2A	QP54ACT240LMQB	5962-87759012A
54FCT2374C (GEN)	5962-9302603MSA	54FCT240DMQB	5962-8765501RA	QP54ACT240LMQB	5962-8775901M2A
54HC238/B2A	5962-86884012A	54FCT240FMQB	5962-8765501SA	QP54ACTQ240DMQB	5962-9218401MRA
CD54HC238F3A	5962-8688401EA	54FCT240LMQB	5962-87655012A	QP54ACTQ240FMQB	5962-9218401MSA
SNJ54HCT238FK	5962-89745012A	54HC240 (GEN)	5962-8407401VSA	QP54ACTQ240LMQB	5962-9218401M2A
SNJ54HCT238J	5962-8974501EA	54HC240 (GEN)	5962-8407401VXA	QP54FCT240ADMQB	5962-8765502RA
ADS5424MHFG-V	5962-0720601VXC	54HC240 (GEN)	8407401XA	QP54FCT240ALMQB	5962-87655022A
54ABT240DMQB	5962-9318801MRA	54LS240 (GEN)	5962-7801201VRA	QP54FCT240DMQB	5962-8765501RA
54ABT240E-QML	5962-9318801Q2A	54LVTH240 (GEN)	5962-9950801V2A	QP54FCT240FMQB	5962-8765501SA
54ABT240FMQB	5962-9318801MSA	54LVTH240 (GEN)	5962-9950801VRA	QP54FCT240LMQB	5962-87655012A
54ABT240J-QML	5962-9318801QRA	CD54HC240F3A	8407401RA	RHFAC240D04V	5962F8755001VRA
54ABT240LMQB	5962-9318801M2A	CY54FCT240TDMB	5962-9221301MRA	RHFAC240D04V	5962F8755001VRC
54ABT240W-QML	5962-9318801QSA	IDT54FCT240ATDB	5962-9221303MRA	RHFAC240K01Q	5962F8755001XC
54AC240 (GEN)	5962-8755001VXA	IDT54FCT240ATLB	5962-9221303M2A	RHFAC240K01V	5962F8755001VXC
54AC240 (GEN)	5962-8755001XA	IDT54FCT240CTDB	5962-9221305MRA	RHFAC240K02Q	5962F8755001XA
54AC240/Q2A	5962-87550012A	IDT54FCT240CTLB	5962-9221305M2A	RHFAC240K02V	5962F8755001VXA
54AC240/QRA	5962-8755001RA	IDT54FCT240TDB	5962-9221301MRA	RHFAC240K03V	5962F8755001VYC
54AC240/QSA	5962-8755001SA	IDT54FCT240TLB	5962-9221301M2A	RHFAC240K04V	5962F8755001VYA
54AC240/QZA	5962-8755001ZA	JM54ACT240B2A	5962-8775901B2A	RHFAC240K01Q	5962F8775903QXC
54AC240DMQB	5962-8755001RA	JM54ACT240BRA	5962-8775901BRA	RHFAC240K01V	5962F8775903VXC
54AC240FMQB	5962-8755001SA	JM54ACT240BSA	5962-8775901BSA	RHFAC240K02Q	5962F8775903QXA
54AC240LMQB	5962-87550012A	P54FCT240ACMB	5962-8765502RA	RHFAC240K02V	5962F8775903VXA
54AC240WG-QML	5962-8755001ZA	P54FCT240AFSMB	5962-8765502SA	RHFAC240K03V	5962F8775903VYC
54ACT240 (GEN)	5962-8775901S2A	P54FCT240ALMB	5962-87655022A	RHFAC240K04V	5962F8775903VYA
54ACT240 (GEN)	5962-8775901SRA	P54FCT240ATCMB	5962-9221303MRA	SL54LS240/B2C	78012012C
54ACT240 (GEN)	5962-8775901SSA	P54FCT240ATCMB	5962-9221304MRA	SL54LS240/BRA	7801201RA
54ACT240 (GEN)	5962-8775903QXA	P54FCT240ATFSMB	5962-9221303MSA	SL54LS240/BSA	7801201SA
54ACT240 (GEN)	5962-8775903VXA	P54FCT240ATFSMB	5962-9221304MSA	SNJ54ABT240FK	5962-9318801M2A
54ACT240 (GEN)	5962R8775901B2A	P54FCT240ATLMB	5962-9221303M2A	SNJ54ABT240J	5962-9318801MRA
54ACT240 (GEN)	5962R8775901BRA	P54FCT240ATLMB	5962-9221304M2A	SNJ54ABT240W	5962-9318801MSA
54ACT240 (GEN)	5962R8775901BSA	P54FCT240CMB	5962-8765501RA	SNJ54AC240FK	5962-87550012A
54ACT240 (GEN)	5962R8775901S2A	P54FCT240CTCMB	5962-9221305MRA	SNJ54AC240J	5962-8755001RA
54ACT240 (GEN)	5962R8775901SRA	P54FCT240CTCMB	5962-9221306MRA	SNJ54AC240W	5962-8755001SA
54ACT240 (GEN)	5962R8775901SSA	P54FCT240CTFSMB	5962-9221305MSA	SNJ54ACT240FK	5962-8775901M2A
54ACT240 (GEN)	5962R8775901SZA	P54FCT240CTFSMB	5962-9221306MSA	SNJ54ACT240J	5962-8775901MRA
54ACT240/B2A	5962-8775901B2A	P54FCT240CTLMB	5962-9221305M2A	SNJ54ACT240W	5962-8775901MSA
54ACT240/BRA	5962-8775901BRA	P54FCT240CTLMB	5962-9221306M2A	SNJ54AHC240FK	5962-9680701Q2A
54ACT240/BSA	5962-8775901BSA	P54FCT240FSMB	5962-8765501SA	SNJ54AHC240J	5962-9680701QRA
54ACT240/Q2A	5962-8775901M2A	P54FCT240LMB	5962-87655012A	SNJ54AHC240W	5962-9680701QSA
54ACT240/QRA	5962-8775901MRA	P54FCT240TCMB	5962-9221301MRA	SNJ54AHCT240FK	5962-9680601Q2A
54ACT240/QSA	5962-8775901MSA	P54FCT240TCMB	5962-9221302MRA	SNJ54AHCT240J	5962-9680601QRA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SNJ54AHCT240W	5962-9680601QSA	54AC241/QSA	5962-8755101SA	P54PCT241ALMB	5962-89732022A
SNJ54ALS240AW	5962-8859101SA	54AC241/QZA	5962-8755101ZA	P54PCT241CMB	5962-8973201RA
SNJ54BCT240FK	5962-9074201M2A	54AC241DMQB	5962-8755101RA	P54PCT241FSMB	5962-8973201SA
SNJ54BCT240J	5962-9074201MRA	54AC241FMQB	5962-8755101SA	P54PCT241LMB	5962-89732012A
SNJ54BCT240W	5962-9074201MSA	54AC241LMQB	5962-87551012A	SNJ54ABT241FK	5962-9322701Q2A
SNJ54F240FK	5962-9758501Q2A	54AC241WG-QML	5962-8755101ZA	SNJ54ABT241J	5962-9322701QRA
SNJ54F240J	5962-9758501QRA	54ACT241 (GEN)	5962-8984701V2A	SNJ54ABT241W	5962-9322701QSA
SNJ54F240W	5962-9758501QSA	54ACT241 (GEN)	5962-8984701VRA	SNJ54ACT241FK	5962-89847012A
SNJ54HC240FK	84074012A	54ACT241 (GEN)	5962-8984701VSA	SNJ54ACT241J	5962-8984701RA
SNJ54HC240J	8407401RA	54ACT241 (GEN)	5962-8984701VZA	SNJ54ACT241W	5962-8984701SA
SNJ54HC240W	8407401SA	54ACT241/Q2A	5962-89847012A	SNJ54F241J	5962-8687401RA
SNJ54HCT240FK	85505012A	54ACT241/QRA	5962-8984701RA	54ALS242B (GEN)	84013012A
SNJ54HCT240J	8550501RA	54ACT241/QSA	5962-8984701SA	54ALS242B (GEN)	8401301CA
SNJ54LS240FK	78012012A	54ACT241DMQB	5962-8984701RA	54ALS242B (GEN)	8401301DA
SNJ54LS240J	7801201RA	54ACT241FMQB	5962-8984701SA	54LS242 (GEN)	80020012A
SNJ54LS240W	7801201SA	54ACT241LMQB	5962-89847012A	54LS242 (GEN)	8002001CA
SNJ54LVTH240FK	5962-9950801Q2A	54ACTQ241 (GEN)	5962-9218501V2A	54LS242 (GEN)	8002001DA
SNJ54LVTH240J	5962-9950801QRA	54ACTQ241 (GEN)	5962-9218501VRA	54ALS243A (GEN)	8401302CA
SNJ54LVTH240W	5962-9950801QSA	54ACTQ241 (GEN)	5962-9218501VSA	54ALS243A (GEN)	8401302DA
SNV54LS240W	5962-7801201VSA	54ACTQ241/Q2A	5962-9218501M2A	54F243/2A	5962-86834012A
SNV54LVTH240W	5962-9950801VSA	54ACTQ241/QRA	5962-9218501MRA	54F243/CA	5962-8683401CA
UT54ACS240PQAH	5962H9656801QRA	54ACTQ241/QSA	5962-9218501MSA	54F243/DA	5962-8683401DA
UT54ACS240PQCH	5962H9656801QRC	54ACTQ241DMQB	5962-9218501MRA	54HC243 (GEN)	84090012A
UT54ACS240PVAH	5962H9656801VRA	54ACTQ241FMQB	5962-9218501MSA	54HC243 (GEN)	8409001BA
UT54ACS240PVCH	5962H9656801VRC	54ACTQ241LMQB	5962-9218501M2A	54HC243 (GEN)	8409001DA
UT54ACS240-Q-DIEH	5962H9656801Q9A	54ALS241A (GEN)	5962-8859601SA	54LS243 (GEN)	80020022A
UT54ACS240UQAH	5962H9656801QXA	54ALS241C (GEN)	5962-8859602SA	CD54HC243F3A	8409001CA
UT54ACS240UQCH	5962H9656801QXC	54BCT241 (GEN)	5962-9074301M2A	SNJ54ALS243AFK	84013022A
UT54ACS240UVAH	5962H9656801VXA	54BCT241 (GEN)	5962-9074301MRA	SNJ54LS243J	8002002CA
UT54ACS240UVCH	5962H9656801VXC	54BCT241 (GEN)	5962-9074301MSA	SNJ54LS243W	8002002DA
UT54ACS240-V-DIEH	5962H9656801V9A	54F241 (GEN)	5962-86874012A	54ABT244 (GEN)	5962-9214701V2A
UT54ACTS240PQAH	5962H9656901QRA	54F241 (GEN)	5962-8687401SA	54ABT244 (GEN)	5962-9214701VRA
UT54ACTS240PQCH	5962H9656901QRC	P54FCT241ATCMB	5962-9223203MRA	54ABT244 (GEN)	5962-9214701VSA
UT54ACTS240PVAH	5962H9656901VRA	P54FCT241ATCMB04	5962-9223204MRA	54ABT244DMQB	5962-9214701MRA
UT54ACTS240PVCH	5962H9656901VRC	P54FCT241ATFSMB	5962-9223203MSA	54ABT244E-QML	5962-9214701Q2A
UT54ACTS240-Q-DIE	5962H9656901Q9A	P54FCT241ATFSMB04	5962-9223204MSA	54ABT244FMQB	5962-9214701MSA
UT54ACTS240UQAH	5962H9656901QXA	P54FCT241ATLMB	5962-9223203M2A	54ABT244J-QML	5962-9214701QRA
UT54ACTS240UQCH	5962H9656901QXC	P54FCT241ATLMB04	5962-9223204M2A	54ABT244LMQB	5962-9214701M2A
UT54ACTS240UVAH	5962H9656901VXA	P54FCT241CTCMB	5962-9223205MRA	54ABT244W-QML	5962-9214701QSA
UT54ACTS240UVCH	5962H9656901VXC	P54FCT241CTCMB06	5962-9223206MRA	54AC244 (GEN)	5962-8755201VXA
UT54ACTS240-V-DIE	5962H9656901V9A	P54FCT241CTFSMB	5962-9223205MSA	54AC244 (GEN)	5962-8755201XA
CY54FCT240ATDMB	5962-9221303MRA	P54FCT241CTFSMB06	5962-9223206MSA	54AC244/Q2A	5962-87552012A
CY54FCT240ATLMB	5962-9221303M2A	P54FCT241CTLMB	5962-9223205M2A	54AC244/QRA	5962-8755201RA
CY54FCT240CTDMB	5962-9221305MRA	P54FCT241CTLMB06	5962-9223206M2A	54AC244/QSA	5962-8755201SA
54ABT241 (GEN)	5962-9322701M2A	P54FCT241TCMB	5962-9223201MRA	54AC244/QZA	5962-8755201ZA
54ABT241 (GEN)	5962-9322701MRA	P54FCT241TCMB02	5962-9223202MRA	54AC244DMQB	5962-8755201RA
54ABT241 (GEN)	5962-9322701MSA	P54FCT241TFMSMB	5962-9223201MSA	54AC244FMQB	5962-8755201SA
54ABT241E-QML	5962-9322701Q2A	P54FCT241TFMSMB02	5962-9223202MSA	54AC244LMQB	5962-87552012A
54ABT241J-QML	5962-9322701QRA	P54FCT241TLMB	5962-9223201M2A	54AC244WG-QML	5962-8755201ZA
54ABT241W-QML	5962-9322701QSA	P54FCT241TLMB02	5962-9223202M2A	54ACQ244DMQB	5962-9217601MRA
54AC241/Q2A	5962-87551012A	P54PCT241ACMB	5962-8973202RA	54ACQ244FMQB	5962-9217601MSA
54AC241/QRA	5962-8755101RA	P54PCT241AFSMB	5962-8973202SA	54ACQ244LMQB	5962-9217601M2A

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
54ACS244 (GEN)	5962H9657001Q9A	AC244DIE2V	5962F8755201V9A	QP54AC244LMQB	5962-87552012A
54ACS244 (GEN)	5962H9657001QRA	ACT244DIE2V	5962F8776003V9A	QP54ACQ244DMQB	5962-9217601MRA
54ACS244 (GEN)	5962H9657001QXA	CD54HC244F3A	8409601RA	QP54ACQ244FMQB	5962-9217601MSA
54ACS244 (GEN)	5962H9657001V9A	CY54FCT244ATDMB	5962-9220302MRA	QP54ACQ244LMQB	5962-9217601M2A
54ACS244 (GEN)	5962H9657001VRA	CY54FCT244ATLMB	5962-9220302M2A	QP54ACT244DMQB	5962-8776001BRA
54ACS244 (GEN)	5962H9657001VXA	CY54FCT244ATW	5962-9220302MSA	QP54ACT244DMQB	5962-8776001MRA
54ACT244 (GEN)	5962-8776003QXA	CY54FCT244CTDMB	5962-9220303MRA	QP54ACT244DMQB	5962-8776001RA
54ACT244 (GEN)	5962-8776003VXA	CY54FCT244CTLMB	5962-9220303M2A	QP54ACT244FMQB	5962-8776001BSA
54ACT244 (GEN)	5962F8776001SSA	CY54FCT244TDMB	5962-9220301MRA	QP54ACT244FMQB	5962-8776001MSA
54ACT244 (GEN)	5962F8776001SZA	CY54FCT244TLMB	5962-9220301M2A	QP54ACT244FMQB	5962-8776001SA
54ACT244 (GEN)	5962R8776001B2A	CY54FCT244TW	5962-9220301MSA	QP54ACT244LMQB	5962-87760012A
54ACT244 (GEN)	5962R8776001BRA	IDT54FCT244ADB	5962-8763002RA	QP54ACT244LMQB	5962-8776001B2A
54ACT244 (GEN)	5962R8776001BSA	IDT54FCT244AEB	5962-8763002SA	QP54ACT244LMQB	5962-8776001M2A
54ACT244 (GEN)	5962R8776001S2A	IDT54FCT244ALB	5962-87630022A	QP54ACTQ244DMQB	5962-9218601MRA
54ACT244 (GEN)	5962R8776001SR	IDT54FCT244ATDB	5962-9220302MRA	QP54ACTQ244FMQB	5962-9218601MSA
54ACT244 (GEN)	5962R8776001SSA	IDT54FCT244ATLB	5962-9220302M2A	QP54ACTQ244LMQB	5962-9218601M2A
54ACT244 (GEN)	5962R8776001SZA	IDT54FCT244CTDB	5962-9220303MRA	QP54FCT244ADB	5962-8763002RA
54ACT244/B2A	5962-8776001B2A	IDT54FCT244CTLB	5962-9220303M2A	QP54FCT244AEB	5962-8763002SA
54ACT244/BRA	5962-8776001BRA	IDT54FCT244DB	5962-8763001RA	QP54FCT244ALB	5962-87630022A
54ACT244/BSA	5962-8776001BSA	IDT54FCT244EB	5962-8763001SA	QP54FCT244DMQB	5962-8763001RA
54ACT244/Q2A	5962-8776001M2A	IDT54FCT244LB	5962-87630012A	QP54FCT244FMQB	5962-8763001SA
54ACT244/QRA	5962-8776001MRA	IDT54FCT244TDB	5962-9220301MRA	QP54FCT244LMQB	5962-87630012A
54ACT244/QSA	5962-8776001MSA	IDT54FCT244TLB	5962-9220301M2A	RHFAC244D03Q	5962F8755201RC
54ACT244DMQB	5962-8776001MRA	JM54ACT244B2A	5962-8776001B2A	RHFAC244D03V	5962F8755201VRC
54ACT244DMQB	5962-8776001RA	JM54ACT244BRA	5962-8776001BRA	RHFAC244D04Q	5962F8755201RA
54ACT244FMQB	5962-8776001MSA	JM54ACT244BSA	5962-8776001BSA	RHFAC244D04V	5962F8755201VRA
54ACT244FMQB	5962-8776001SA	P54FCT244ACMB	5962-8763002RA	RHFAC244K01Q	5962F8755201XC
54ACT244LMQB	5962-87760012A	P54FCT244AFSMB	5962-8763002SA	RHFAC244K01V	5962F8755201VXC
54ACT244LMQB	5962-8776001M2A	P54FCT244ALMB	5962-87630022A	RHFAC244K02Q	5962F8755201XA
54ACTQ244 (GEN)	5962-9218601V2A	P54FCT244ATCMB	5962-9220302MRA	RHFAC244K02V	5962F8755201VXA
54ACTQ244 (GEN)	5962-9218601VRA	P54FCT244ATCMB	5962-9220305MRA	RHFAC244K03V	5962F8755201VYC
54ACTQ244 (GEN)	5962-9218601VSA	P54FCT244ATFSMB	5962-9220302MSA	RHFAC244K04V	5962F8755201VYA
54ACTQ244 (GEN)	5962R9218601M2A	P54FCT244ATFSMB	5962-9220305MSA	RHFACT244D03Q	5962F8776003QRC
54ACTQ244 (GEN)	5962R9218601MRA	P54FCT244ATLMB	5962-9220302M2A	RHFACT244D03V	5962F8776003VRC
54ACTQ244 (GEN)	5962R9218601MSA	P54FCT244ATLMB	5962-9220305M2A	RHFACT244D04Q	5962F8776003QRA
54ACTQ244 (GEN)	5962R9218601V2A	P54FCT244CMB	5962-8763001RA	RHFACT244D04V	5962F8776003VRA
54ACTQ244 (GEN)	5962R9218601VRA	P54FCT244CTCMB	5962-9220303MRA	RHFACT244K01Q	5962F8776003QXC
54ACTQ244 (GEN)	5962R9218601VSA	P54FCT244CTCMB	5962-9220306MRA	RHFACT244K01V	5962F8776003VXC
54ACTQ244/Q2A	5962-9218601M2A	P54FCT244CTFSMB	5962-9220303MSA	RHFACT244K02Q	5962F8776003QXA
54ACTQ244/QRA	5962-9218601MRA	P54FCT244CTFSMB	5962-9220306MSA	RHFACT244K02V	5962F8776003VXA
54ACTQ244/QSA	5962-9218601MSA	P54FCT244CTLMB	5962-9220303M2A	RHFACT244K03V	5962F8776003VYC
54ACTQ244DMQB	5962-9218601MRA	P54FCT244CTLMB	5962-9220306M2A	RHFACT244K04V	5962F8776003VYA
54ACTQ244FMQB	5962-9218601MSA	P54FCT244FSMB	5962-8763001SA	SL54LS244/BRA	7705701RA
54ACTQ244LMQB	5962-9218601M2A	P54FCT244LMB	5962-87630012A	SL54LS244/BSA	7705701SA
54AS244A (GEN)	5962-9755901Q2A	P54FCT244TCMB	5962-9220301MRA	SNJ54ABT244FK	5962-9214701M2A
54AS244A (GEN)	5962-9755901QSA	P54FCT244TCMB	5962-9220304MRA	SNJ54ABT244J	5962-9214701MRA
54FCT244DMQB	5962-8763001RA	P54FCT244TFSMB	5962-9220301MSA	SNJ54ABT244W	5962-9214701MSA
54FCT244FMQB	5962-8763001SA	P54FCT244TFSMB	5962-9220304MSA	SNJ54AC244FK	5962-87552012A
54FCT244LMQB	5962-87630012A	P54FCT244TLMB	5962-9220301M2A	SNJ54AC244J	5962-8755201RA
54HC244 (GEN)	5962-8409601VXA	P54FCT244TLMB	5962-9220304M2A	SNJ54AC244W	5962-8755201SA
54HC244 (GEN)	8409601XA	QP54AC244DMQB	5962-8755201RA	SNJ54ACT244FK	5962-8776001M2A
54LVCH244A (GEN)	5962-9754201VRA	QP54AC244FMQB	5962-8755201SA	SNJ54ACT244J	5962-8776001MRA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SNJ54ACT244W	5962-8776001MSA	UT54ACS244EUQCG	5962G9657003QXC	54ACT245 (GEN)	5962R8766301B2A
SNJ54AHC244FK	5962-9678201Q2A	UT54ACS244EUQCH	5962H9657002QXC	54ACT245 (GEN)	5962R8766301BRA
SNJ54AHC244J	5962-9678201QRA	UT54ACS244EUVAG	5962G9657003VXA	54ACT245 (GEN)	5962R8766301BSA
SNJ54AHC244W	5962-9678201QSA	UT54ACS244EUVAH	5962H9657002VXA	54ACT245 (GEN)	5962R8766301S2A
SNJ54AHCT244FK	5962-9678301Q2A	UT54ACS244EUVCG	5962G9657003VXC	54ACT245 (GEN)	5962R8766301SRA
SNJ54AHCT244J	5962-9678301QRA	UT54ACS244EUVCH	5962H9657002VXC	54ACT245 (GEN)	5962R8766301SSA
SNJ54AHCT244W	5962-9678301QSA	UT54ACS244E-V-DIEG	5962G9657003V9B	54ACT245/B2A	5962-8766301B2A
SNJ54ALS244CFK	5962-86839012A	UT54ACS244E-V-DIEH	5962H9657002V9B	54ACT245/BRA	5962-8766301BRA
SNJ54ALS244CJ	5962-8683901RA	UT54ACS244-Q-DIEG	5962G9657001Q9B	54ACT245/BSA	5962-8766301BSA
SNJ54ALS244CW	5962-8683901SA	UT54ACS244UQAG	5962G9657001QXA	54ACT245/Q2A	5962-8766301M2A
SNJ54AS244AJ	5962-9755901QRA	UT54ACS244UQCG	5962G9657001QXC	54ACT245/QRA	5962-8766301MRA
SNJ54BCT244FK	5962-9062501M2A	UT54ACS244UVAG	5962G9657001VXA	54ACT245/QSA	5962-8766301MSA
SNJ54BCT244J	5962-9062501MRA	UT54ACS244UVCG	5962G9657001VXC	54ACT245DMQB	5962-8766301MRA
SNJ54BCT244W	5962-9062501MSA	UT54ACS244-V-DIEG	5962G9657001V9B	54ACT245DMQB	5962-8766301RA
SNJ54F244FK	5962-9758601Q2A	UT54ACTS244PQAH	5962H9657101QRA	54ACT245FMQB	5962-8766301MSA
SNJ54F244J	5962-9758601QRA	UT54ACTS244PQCH	5962H9657101QRC	54ACT245FMQB	5962-8766301SA
SNJ54F244W	5962-9758601QSA	UT54ACTS244PVAH	5962H9657101VRA	54ACT245LMQB	5962-87663012A
SNJ54HC244FK	84096012A	UT54ACTS244PVCH	5962H9657101VRC	54ACT245LMQB	5962-8766301M2A
SNJ54HC244J	8409601RA	UT54ACTS244-QDIEH	5962H9657101Q9A	54ACTQ245 (GEN)	5962R9218701M2A
SNJ54HC244W	8409601SA	UT54ACTS244UQAH	5962H9657101QXA	54ACTQ245 (GEN)	5962R9218701MRA
SNJ54HCT244FK	85130012A	UT54ACTS244UQCH	5962H9657101QXC	54ACTQ245 (GEN)	5962R9218701MSA
SNJ54HCT244J	8513001RA	UT54ACTS244UVAH	5962H9657101VXA	54ACTQ245 (GEN)	5962R9218701V2A
SNJ54LS244J	7705701RA	UT54ACTS244UVCH	5962H9657101VXC	54ACTQ245 (GEN)	5962R9218701VRA
SNJ54LS244W	7705701SA	UT54ACTS244-VDIEH	5962H9657101V9A	54ACTQ245 (GEN)	5962R9218701VSA
SNJ54LVCH244AFK	5962-9754201Q2A	54ABT245 (GEN)	5962-9214801M2A	54ACTQ245/B2A	5962-9218701M2A
SNJ54LVCH244AJ	5962-9754201QRA	54ABT245 (GEN)	5962-9214801MRA	54ACTQ245/BRA	5962-9218701MRA
SNJ54LVCH244AW	5962-9754201QSA	54ABT245 (GEN)	5962-9214801MSA	54ACTQ245/BSA	5962-9218701MSA
SNJ54LVTH244AFK	5962-9584401Q2A	54ABT245/B2A	5962-9214801Q2A	54ACTQ245DMQB	5962-9218701MRA
SNJ54LVTH244AJ	5962-9584401QRA	54ABT245/BRA	5962-9214801QRA	54ACTQ245FMQB	5962-9218701MSA
SNJ54LVTH244AW	5962-9584401QSA	54ABT245/BSA	5962-9214801QSA	54ACTQ245LMQB	5962-9218701M2A
SNV54AC244J	5962-8755201VRA	54ABT245E-QML	5962-9214801Q2A	54ACTS245 (GEN)	5962H9657301QRA
SNV54AC244W	5962-8755201VSA	54ABT245J-QML	5962-9214801QRA	54ACTS245 (GEN)	5962H9657301QXA
SNV54ACT244FK	5962-8776001S2A	54ABT245W-QML	5962-9214801QSA	54ACTS245 (GEN)	5962H9657301VRA
SNV54ACT244J	5962-8776001SRA	54ABTH245 (GEN)	5962-9762301QRA	54ACTS245 (GEN)	5962H9657301VXA
SNV54ACT244W	5962-8776001SSA	54AC245 (GEN)	5962-8775801VRA	54AHC245 (GEN)	5962-9681801VRA
SNV54AHC244J	5962-9678201VRA	54AC245 (GEN)	5962-8775801VXA	54FCT245DMQB	5962-8762901RA
SNV54AHC244W	5962-9678201VSA	54AC245 (GEN)	5962-8775801XA	54FCT245FMQB	5962-8762901SA
SNV54ALS244CJ	5962-8683901VRA	54AC245 (GEN)	5962-8775802VXA	54FCT245LMQB	5962-87629012A
SNV54ALS244CW	5962-8683901VSA	54AC245 (GEN)	5962-8775802XA	54HC245 (GEN)	5962-8408501VXA
SNV54HC244J	5962-8409601VRA	54AC245/Q2A	5962-87758012A	54HC245 (GEN)	8408501XA
SNV54HC244W	5962-8409601VSA	54AC245/QRA	5962-8775801RA	54LCX245 (GEN)	5962-9754302Q2A
SNV54HCT244J	5962-8513001VRA	54AC245/QSA	5962-8775801SA	54LCX245 (GEN)	5962-9754302QRA
SNV54HCT244W	5962-8513001VSA	54AC245/QZA	5962-8775801ZA	54LCX245 (GEN)	5962-9754302QSA
SNV54LVCH244AFK	5962-9754201V2A	54AC245DMQB	5962-8775801RA	54LS245 (GEN)	5962-8002101VRA
SNV54LVCH244AW	5962-9754201VSA	54AC245FMQB	5962-8775801SA	AC245DIE2V	5962F8775802V9A
SNV54LVTH244AFK	5962-9584401V2A	54AC245LMQB	5962-87758012A	ACT245DIE2V	5962F8766303V9A
SNV54LVTH244AJ	5962-9584401VRA	54AC245WG-QML	5962-8775801ZA	CD54HC245F3A	8408501RA
SNV54LVTH244AW	5962-9584401VSA	54ACQ245DMQB	5962-9217701MRA	CD54HCT245F3A	8550601RA
UT54ACS244E-Q-DIEG	5962G9657003Q9B	54ACQ245FMQB	5962-9217701MSA	CY54FCT245ATDMB	5962-9221403MRA
UT54ACS244E-Q-DIEH	5962H9657002Q9B	54ACQ245LMQB	5962-9217701M2A	CY54FCT245ATLMB	5962-9221403M2A
UT54ACS244EUQAG	5962G9657003QXA	54ACT245 (GEN)	5962-8766303QXA	CY54FCT245CTDMB	5962-9221405MRA
UT54ACS244EUQAH	5962H9657002QXA	54ACT245 (GEN)	5962-8766303VXA	CY54FCT245CTLMB	5962-9221405M2A



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
CY54FCT245TDMB	5962-9221401MRA	QP54ACTQ245LMQB	5962-9218701M2A	SNJ54F245W	8551101SA
CY54FCT245TLMB	5962-9221401M2A	QP54FCT245DMQB	5962-8762901RA	SNJ54HC245FK	84085012A
IDT54FCT245ADB	5962-8762902RA	QP54FCT245DMQB	5962-8762902RA	SNJ54HC245J	8408501RA
IDT54FCT245AEB	5962-8762902SA	QP54FCT245FMQB	5962-8762901SA	SNJ54HC245W	8408501SA
IDT54FCT245ALB	5962-87629022A	QP54FCT245FMQB	5962-8762902SA	SNJ54HCT245FK	85506012A
IDT54FCT245ATDB	5962-9221403MRA	QP54FCT245LMQB	5962-87629012A	SNJ54HCT245J	8550601RA
IDT54FCT245ATLB	5962-9221403M2A	QP54FCT245LMQB	5962-87629022A	SNJ54LS245FK	80021012A
IDT54FCT245CTDB	5962-9221405MRA	RHFAC245D03Q	5962F8775802RC	SNJ54LS245W	8002101SA
IDT54FCT245CTLB	5962-9221405M2A	RHFAC245D03V	5962F8775802VRC	SNJ54LVCH245AFK	5962-9754301Q2A
IDT54FCT245DB	5962-8762901RA	RHFAC245D04Q	5962F8775802RA	SNJ54LVCH245AJ	5962-9754301QRA
IDT54FCT245EB	5962-8762901SA	RHFAC245D04V	5962F8775802VRA	SNJ54LVCH245AW	5962-9754301QSA
IDT54FCT245LB	5962-87629012A	RHFAC245K01Q	5962F8775802XC	SNJ54LVTH245AFK	5962-9564201Q2A
IDT54FCT245TDB	5962-9221401MRA	RHFAC245K01V	5962F8775802VXC	SNJ54LVTH245AJ	5962-9564201QRA
IDT54FCT245TLB	5962-9221401M2A	RHFAC245K02Q	5962F8775802XA	SNJ54LVTH245AW	5962-9564201QSA
JM54ACT245B2A	5962-8766301B2A	RHFAC245K02V	5962F8775802VXA	SNV54AC245W	5962-8775801VSA
JM54ACT245BRA	5962-8766301BRA	RHFAC245K03V	5962F8775802VYC	SNV54ACT245J	5962-8766301SRA
JM54ACT245BSA	5962-8766301BSA	RHFAC245K04V	5962F8775802VYA	SNV54ACT245W	5962-8766301SSA
P54FCT245ACMB	5962-8762902RA	RHFACT245D03Q	5962F8766303QRC	SNV54AHC245W	5962-9681801VSA
P54FCT245AFSMB	5962-8762902SA	RHFACT245D03V	5962F8766303VRC	SNV54HC245J	5962-8408501VRA
P54FCT245ALMB	5962-87629022A	RHFACT245D04Q	5962F8766303QRA	SNV54HC245W	5962-8408501VSA
P54FCT245ATCMB03	5962-9221403MRA	RHFACT245D04V	5962F8766303VRA	SNV54HCT245J	5962-8550601VRA
P54FCT245ATCMB04	5962-9221404MRA	RHFACT245K01Q	5962F8766303QXC	SNV54HCT245W	5962-8550601VSA
P54FCT245ATFSMB03	5962-9221403MSA	RHFACT245K01V	5962F8766303VXC	SNV54LS245W	5962-8002101VSA
P54FCT245ATFSMB04	5962-9221404MSA	RHFACT245K02Q	5962F8766303QXA	SNV54LVCH245AFK	5962-9754301V2A
P54FCT245ATLMB03	5962-9221403M2A	RHFACT245K02V	5962F8766303VXA	SNV54LVCH245AJ	5962-9754301VRA
P54FCT245ATLMB04	5962-9221404M2A	RHFACT245K03V	5962F8766303VYC	SNV54LVCH245AW	5962-9754301VSA
P54FCT245CMB	5962-8762901RA	RHFACT245K04V	5962F8766303VYA	SNV54LVTH245AFK	5962-9564201V2A
P54FCT245CTCMB05	5962-9221405MRA	SNJ54ABT245AFK	5962-9214802Q2A	SNV54LVTH245AJ	5962-9564201VRA
P54FCT245CTCMB06	5962-9221406MRA	SNJ54ABT245AJ	5962-9214802QRA	SNV54LVTH245AW	5962-9564201VSA
P54FCT245CTFSMB05	5962-9221405MSA	SNJ54ABT245AW	5962-9214802QSA	UT54ACS245PQAH	5962H9657201QRA
P54FCT245CTFSMB06	5962-9221406MSA	SNJ54ABTH245FK	5962-9762301Q2A	UT54ACS245PQCH	5962H9657201QRC
P54FCT245CTLMB05	5962-9221405M2A	SNJ54ABTH245W	5962-9762301QSA	UT54ACS245PVAH	5962H9657201VRA
P54FCT245CTLMB06	5962-9221406M2A	SNJ54AC245FK	5962-87758012A	UT54ACS245PVCH	5962H9657201VRC
P54FCT245FSMB	5962-8762901SA	SNJ54AC245J	5962-8775801RA	UT54ACS245-QDIEH	5962H9657201Q9A
P54FCT245LMB	5962-87629012A	SNJ54AC245W	5962-8775801SA	UT54ACS245SPQAH	5962H9657202QRA
P54FCT245TCMB01	5962-9221401MRA	SNJ54ACT245FK	5962-8766301M2A	UT54ACS245SPQCH	5962H9657202QRC
P54FCT245TCMB02	5962-9221402MRA	SNJ54ACT245J	5962-8766301MRA	UT54ACS245SPVAH	5962H9657202VRA
P54FCT245TFSMB01	5962-9221401MSA	SNJ54ACT245W	5962-8766301MSA	UT54ACS245SPVCH	5962H9657202VRC
P54FCT245TFSMB02	5962-9221402MSA	SNJ54AHC245FK	5962-9681801Q2A	UT54ACS245S-QDIEH	5962H9657202Q9A
P54FCT245TLMB01	5962-9221401M2A	SNJ54AHC245J	5962-9681801QRA	UT54ACS245SUQAH	5962H9657202QXA
P54FCT245TLMB02	5962-9221402M2A	SNJ54AHC245W	5962-9681801QSA	UT54ACS245SUQCH	5962H9657202QXC
QP54ACT245DMQB	5962-8766301BRA	SNJ54AHCT245FK	5962-9681901Q2A	UT54ACS245SUVAH	5962H9657202VXA
QP54ACT245DMQB	5962-8766301MRA	SNJ54AHCT245J	5962-9681901QRA	UT54ACS245SUVCH	5962H9657202VXC
QP54ACT245DMQB	5962-8766301RA	SNJ54AHCT245W	5962-9681901QSA	UT54ACS245S-VDIEH	5962H9657202V9A
QP54ACT245FMQB	5962-8766301BSA	SNJ54ALS245AFK	84030012A	UT54ACS245UQAH	5962H9657201QXA
QP54ACT245FMQB	5962-8766301MSA	SNJ54ALS245AJ	8403001RA	UT54ACS245UQCH	5962H9657201QXC
QP54ACT245FMQB	5962-8766301SA	SNJ54ALS245AW	8403001SA	UT54ACS245UVAH	5962H9657201VXA
QP54ACT245LMQB	5962-87663012A	SNJ54BCT245FK	5962-9051401M2A	UT54ACS245UVCH	5962H9657201VXC
QP54ACT245LMQB	5962-8766301B2A	SNJ54BCT245J	5962-9051401MRA	UT54ACS245-VDIEH	5962H9657201V9A
QP54ACT245LMQB	5962-8766301M2A	SNJ54BCT245W	5962-9051401MSA	UT54ACTS245E-Q-DIE	5962G9657303Q9A
QP54ACTQ245DMQB	5962-9218701MRA	SNJ54F245FK	85511012A	UT54ACTS245E-Q-DIE	5962H9657302Q9A
QP54ACTQ245FMQB	5962-9218701MSA	SNJ54F245J	8551101RA	UT54ACTS245EUQAG	5962G9657303QXA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
UT54ACTS245EUQAH	5962H9657302QXA	SL54S251/B2C	80022012C	SNJ54HC253J	5962-8868201EA
UT54ACTS245EUQCG	5962G9657303QXC	SL54S251/BEA	8002201EA	SNJ54LS253FK	76017012A
UT54ACTS245EUQCH	5962H9657302QXC	SL54S251/BFA	8002201FA	SNJ54LS253J	7601701EA
UT54ACTS245EUUVAG	5962G9657303VXA	SN54LS251J	7601601EA	UT54ACS253PQAH	5962H9657401QEA
UT54ACTS245EUVAH	5962H9657302VXA	SN54LS251W	7601601FA	UT54ACS253PQCH	5962H9657401QEC
UT54ACTS245EUVCG	5962G9657303VXC	SNJ54ALS251FK	84135012A	UT54ACS253PVAH	5962H9657401VEA
UT54ACTS245EUVCH	5962H9657302VXC	SNJ54ALS251J	8413501EA	UT54ACS253PVCH	5962H9657401VEC
UT54ACTS245E-V-DIE	5962G9657303V9A	SNJ54ALS251W	8413501FA	UT54ACS253UQAH	5962H9657401QXA
UT54ACTS245E-V-DIE	5962H9657302V9A	SNJ54HC251FK	85125012A	UT54ACS253UQCH	5962H9657401QXC
UT54ACTS245-Q-DIEG	5962G9657301Q9A	SNJ54HC251J	8512501EA	UT54ACS253UVAH	5962H9657401VXA
UT54ACTS245UQAG	5962G9657301QXA	54AC2525 (GEN)	5962F9217401VDA	UT54ACS253UVCH	5962H9657401VXC
UT54ACTS245UQCG	5962G9657301QXC	54AC2525 (GEN)	5962R9217401VDA	UT54ACTS253PQAH	5962H9657501QEA
UT54ACTS245UVAG	5962G9657301VXA	54AC2525DMQB	5962-9217401MCA	UT54ACTS253PQCH	5962H9657501QEC
UT54ACTS245UVCG	5962G9657301VXC	54AC2525FMQB	5962-9217401MDA	UT54ACTS253PVAH	5962H9657501VEA
UT54ACTS245-V-DIEG	5962G9657301V9A	54AC2525LMQB	5962-9217401M2A	UT54ACTS253PVCH	5962H9657501VEC
54ACT245 (GEN)	5962-8766301S2A	RHFAC2525K01V	5962F9217402VXC	UT54ACTS253UQAH	5962H9657501QXA
54LS248/B2A	5962-89944012A	RHFAC2525K02V	5962F9217402VXA	UT54ACTS253UQCH	5962H9657501QXC
54LS248/BEA	5962-8994401EA	RHFAC2525K03V	5962F9217402VYC	UT54ACTS253UVAH	5962H9657501VXA
SNJ54AS250AFK	5962-90562013A	RHFAC2525K04V	5962F9217402VYA	UT54ACTS253UVCH	5962H9657501VXC
SNJ54AS250AJT	5962-9056201LA	UT54ALVC2525	5962H0623301QXA	54AC257 (GEN)	5962-8870301VFA
SNJ54AS250AW	5962-9056201KA	UT54ALVC2525	5962H0623301QXC	54AC257 (GEN)	5962-8870301VXA
54AC251 (GEN)	5962-8769201V2A	UT54ALVC2525	5962H0623301VXA	54AC257 (GEN)	5962-8870301XA
54AC251 (GEN)	5962-8769201VEA	UT54ALVC2525	5962H0623301VXC	54AC257/Q2A	5962-88703012A
54AC251 (GEN)	5962-8769201VFA	UT54ALVC2525	5962R0623302QXA	54AC257/QEA	5962-8870301EA
54AC251 (GEN)	5962R87692012A	UT54ALVC2525	5962R0623302QXC	54AC257/QFA	5962-8870301FA
54AC251 (GEN)	5962R8769201EA	UT54ALVC2525	5962R0623302VXA	54AC257DMQB	5962-8870301EA
54AC251 (GEN)	5962R8769201FA	UT54ALVC2525	5962R0623302VXC	54AC257FMQB	5962-8870301FA
54AC251/Q2A	5962-87692012A	UT54ALVC2525H-QDIE	5962H0623301Q9A	54AC257LMQB	5962-88703012A
54AC251/QEA	5962-8769201EA	UT54ALVC2525H-VDIE	5962H0623301V9A	54ACT257 (GEN)	5962-8968901V2A
54AC251/QFA	5962-8769201FA	UT54ALVC2525R-QDIE	5962R0623302Q9A	54ACT257 (GEN)	5962-8968901VEA
54AC251/V2A-R	5962R8769201V2A	UT54ALVC2525R-VDIE	5962R0623302V9A	54ACT257 (GEN)	5962-8968901VFA
54AC251/VEA-R	5962R8769201VEA	54AC2526 (GEN)	5962-9325201QFA	54ACT257 (GEN)	5962-8968902VXA
54AC251/VFA-R	5962R8769201VFA	54AC2526 (GEN)	5962-9325201VFA	54ACT257 (GEN)	5962-8968902XA
54AC251DMQB	5962-8769201EA	54AC253/Q2A	5962-87693012A	54ACT257 (GEN)	5962R89689012A
54AC251FMQB	5962-8769201FA	54AC253/QEA	5962-8769301EA	54ACT257 (GEN)	5962R8968901EA
54AC251LMQB	5962-87692012A	54AC253/QFA	5962-8769301FA	54ACT257 (GEN)	5962R8968901FA
54ACT251/Q2A	5962-89599012A	54AC253DMQB	5962-8769301EA	54ACT257 (GEN)	5962R8968901V2A
54ACT251/QEA	5962-8959901EA	54AC253FMQB	5962-8769301FA	54ACT257 (GEN)	5962R8968901VEA
54ACT251/QFA	5962-8959901FA	54AC253LMQB	5962-87693012A	54ACT257 (GEN)	5962R8968901VFA
54ACT251DMQB	5962-8959901EA	54ACT253/Q2A	5962-87761012A	54ACT257/Q2A	5962-89689012A
54ACT251FMQB	5962-8959901FA	54ACT253/QEA	5962-8776101EA	54ACT257/QEA	5962-8968901EA
54ACT251LMQB	5962-89599012A	54ACT253/QFA	5962-8776101FA	54ACT257/QFA	5962-8968901FA
54HC251 (GEN)	5962-8512501VEA	54ACT253DMQB	5962-8776101EA	54ACT257DMQB	5962-8968901EA
54HC251 (GEN)	8512501FA	54ACT253FMQB	5962-8776101FA	54ACT257FMQB	5962-8968901FA
CD54HC251F3A	8512501EA	54ACT253LMQB	5962-87761012A	54ACT257LMQB	5962-89689012A
CD54HCT251F3A	5962-9052401MEA	54ALS253 (GEN)	8509601FA	54ALS257A (GEN)	8509701FA
EV54ACT251DMQB	5962-8959901EA	54LS253 (GEN)	7601701FA	54FCT257AT (GEN)	5962-9221103M2A
EV54ACT251FMQB	5962-8959901FA	SL54LS253/BEA	7601701EA	54FCT257AT (GEN)	5962-9221103MEA
EV54ACT251LMQB	5962-89599012A	SL54LS253/BFA	7601701FA	54FCT257AT (GEN)	5962-9221104M2A
SL54LS251/BEA	7601601EA	SNJ54ALS253FK	85096012A	54FCT257AT (GEN)	5962-9221104MEA
SL54LS251/BFA	7601601FA	SNJ54ALS253J	8509601EA	54FCT257AT (GEN)	5962-9221104MFA
SL54S251/B2A	80022012A	SNJ54HC253FK	5962-88682012A	54FCT257CT (GEN)	5962-9221105M2A

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
54FCT257CT (GEN)	5962-9221105MEA	54F259 (GEN)	5962-89723012A	SNJ54ALS27W	5962-8683801DA
54FCT257CT (GEN)	5962-9221106M2A	54F259 (GEN)	5962-8972301EA	SNJ54F27FK	5962-89510012A
54FCT257CT (GEN)	5962-9221106MEA	54F259 (GEN)	5962-8972301FA	SNJ54F27J	5962-8951001CA
54FCT257CT (GEN)	5962-9221106MFA	54HC259 (GEN)	8551901FA	SNJ54HC27FK	84042012A
54FCT257T (GEN)	5962-9221101M2A	CD54HCT259F3A	5962-8985201EA	SNJ54HC27J	8404201CA
54FCT257T (GEN)	5962-9221101MEA	SNJ54ALS259FK	5962-88741012A	SNJ54HC27W	8404201DA
54FCT257T (GEN)	5962-9221102M2A	SNJ54ALS259J	5962-8874101EA	UT54ACS27PQAH	5962H9652801QCA
54FCT257T (GEN)	5962-9221102MEA	SNJ54ALS259W	5962-8874101FA	UT54ACS27PQCH	5962H9652801QCC
54FCT257T (GEN)	5962-9221102MFA	SNJ54HC259FK	85519012A	UT54ACS27PVAH	5962H9652801VCA
54HC257 (GEN)	5962-8512401VFA	SNJ54HC259J	8551901EA	UT54ACS27PVCH	5962H9652801VCC
54HC257 (GEN)	5962-8512401VXA	54LS26 (GEN)	5962-7602001VCA	UT54ACS27UQAH	5962H9652801QXA
54HC257 (GEN)	8512401FA	SL54LS26/BCA	7602001CA	UT54ACS27UQCH	5962H9652801QXC
54HC257 (GEN)	8512401XA	SL54LS26/BDA	7602001DA	UT54ACS27UVAH	5962H9652801VXA
54LS257B (GEN)	5962-7603701VEA	SNJ54LS26J	7602001CA	UT54ACS27UVCH	5962H9652801VXC
54LS257B (GEN)	5962-7603701VFA	SNJ54LS26W	7602001DA	UT54ACTS27PQAH	5962H9652901QCA
54LVC257A (GEN)	5962-0050901Q2A	SNV54LS26W	5962-7602001VDA	UT54ACTS27PQCH	5962H9652901QCC
54LVC257A (GEN)	5962-0050901QEA	54LS261/BEA	8002601EA	UT54ACTS27PVAH	5962H9652901VCA
CD54HC257F3A	8512401EA	54LS261/BFA	8002601FA	UT54ACTS27PVCH	5962H9652901VCC
CD54HCT257F3A	5962-8970501EA	UT54ACS264PQAH	5962H9657601QEA	UT54ACTS27UQAH	5962H9652901QXA
EV54ACT257DMQB	5962-8968901EA	UT54ACS264PQCH	5962H9657601QEC	UT54ACTS27UQCH	5962H9652901QXC
EV54ACT257FMQB	5962-8968901FA	UT54ACS264PVAH	5962H9657601VEA	UT54ACTS27UVAH	5962H9652901VXA
EV54ACT257LMQB	5962-89689012A	UT54ACS264PVCH	5962H9657601VEC	UT54ACTS27UVCH	5962H9652901VXC
SNJ54ALS257AFK	85097012A	UT54ACS264UQAH	5962H9657601QXA	54ABT273DMQB	5962-9321701MRA
SNJ54ALS257AJ	8509701EA	UT54ACS264UQCH	5962H9657601QXC	54ABT273E-QML	5962-9321701Q2A
SNJ54HC257FK	85124012A	UT54ACS264UVAH	5962H9657601VXA	54ABT273FMQB	5962-9321701MSA
SNJ54HC257J	8512401EA	UT54ACS264UVCH	5962H9657601VXC	54ABT273J-QML	5962-9321701QRA
SNJ54LS257BJ	7603701EA	UT54ACTS264PQAH	5962H9657701QEA	54ABT273LMQB	5962-9321701M2A
SNJ54LS257BW	7603701FA	UT54ACTS264PQCH	5962H9657701QEC	54ABT273W-QML	5962-9321701QSA
SNJ54LVC257AW	5962-0050901QFA	UT54ACTS264PVAH	5962H9657701VEA	54AC273 (GEN)	5962-8775601VSA
54AC258/Q2A	5962-9160401M2A	UT54ACTS264PVCH	5962H9657701VEC	54AC273 (GEN)	5962-8775601VXA
54AC258/QEA	5962-9160401MEA	UT54ACTS264UQAH	5962H9657701QXA	54AC273 (GEN)	5962-8775601XA
54AC258/QFA	5962-9160401MFA	UT54ACTS264UQCH	5962H9657701QXC	54AC273/Q2A	5962-87756012A
54AC258DMQB	5962-9160401MEA	UT54ACTS264UVAH	5962H9657701VXA	54AC273/QRA	5962-8775601RA
54AC258FMQB	5962-9160401MFA	UT54ACTS264UVCH	5962H9657701VXC	54AC273/QSA	5962-8775601SA
54AC258LMQB	5962-9160401M2A	54HC266 (GEN)	84043012A	54AC273/QZA	5962-8775601ZA
54ACT258/Q2A	5962-88704012A	54HC266 (GEN)	8404301AA	54AC273DMQB	5962-8775601RA
54ACT258/QEA	5962-8870401EA	54HC266 (GEN)	8404301BA	54AC273FMQB	5962-8775601SA
54ACT258/QFA	5962-8870401FA	54HC266 (GEN)	8404301CA	54AC273LMQB	5962-87756012A
54ACT258DMQB	5962-8870401EA	54HC266 (GEN)	8404301DA	54AC273WG-QML	5962-8775601ZA
54ACT258FMQB	5962-8870401FA	54F269 (GEN)	5962-88627013A	54ACS273 (GEN)	5962H9657801Q9A
54ACT258LMQB	5962-88704012A	54F269 (GEN)	5962-8862701KA	54ACS273 (GEN)	5962H9657801QRA
54ALS258A (GEN)	5962-88626012A	54F269 (GEN)	5962-8862701LA	54ACS273 (GEN)	5962H9657801QXA
54ALS258A (GEN)	5962-8862601FA	54F27 (GEN)	5962-8951001DA	54ACS273 (GEN)	5962H9657801V9A
54LS258B (GEN)	76038012A	54HC27 (GEN)	5962-8404201VCA	54ACS273 (GEN)	5962H9657801VRA
54LS258B (GEN)	7603801FA	54HC27 (GEN)	5962-8404201VDA	54ACS273 (GEN)	5962H9657801VXA
CD54HCT258F3A	5962-8970801EA	54HC27 (GEN)	5962-8404201VXA	54ACT273 (GEN)	5962-0152701VXA
SL54S258/BEA	8002301EA	54HC27 (GEN)	8404201AA	54ACTQ273 (GEN)	5962-8973501V2A
SL54S258/BFA	8002301FA	54HC27 (GEN)	8404201BA	54ACTQ273 (GEN)	5962-8973501VRA
SNJ54ALS258AJ	5962-8862601EA	54HC27 (GEN)	8404201XA	54ACTQ273 (GEN)	5962-8973501VSA
SNJ54LS258BJ	7603801EA	CD54HC27F3A	8404201CA	54ACTQ273 (GEN)	5962R89735012A
SNJ54S258J	8002301EA	CD54HCT27F3A	5962-8970301CA	54ACTQ273 (GEN)	5962R8973501RA
SNJ54S258W	8002301FA	SNJ54ALS27FK	5962-86838012A	54ACTQ273 (GEN)	5962R8973501SA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
54ACTQ273 (GEN)	5962R8973501V2A	P54FCT273TFMSMB	5962-9221501MSA	UT54ACS273EUVAH	5962H9657802VXA
54ACTQ273 (GEN)	5962R8973501VRA	P54FCT273TFMSMB	5962-9221502MSA	UT54ACS273EUVCG	5962G9657803VXC
54ACTQ273 (GEN)	5962R8973501VSA	P54FCT273TLMB	5962-9221501M2A	UT54ACS273EUVCH	5962H9657802VXC
54ACTQ273DMQB	5962-8973501RA	P54FCT273TLMB	5962-9221502M2A	UT54ACS273E-V-DIEG	5962G9657803V9B
54ACTQ273FMQB	5962-8973501SA	QP54ACT273K01Q	5962-0152701QXC	UT54ACS273E-V-DIEH	5962H9657802V9B
54ACTQ273LMQB	5962-89735012A	QP54ACT273K02Q	5962-0152701QXA	UT54ACS273-Q-DIEG	5962G9657801Q9B
54F273/Q2A	5962-88550012A	QP54ACTQ273DMQB	5962-8973501RA	UT54ACS273UQAG	5962G9657801QXA
54F273/QRA	5962-8855001RA	QP54ACTQ273FMQB	5962-8973501SA	UT54ACS273UQCG	5962G9657801QXC
54F273/QSA	5962-8855001SA	QP54ACTQ273LMQB	5962-89735012A	UT54ACS273UVAG	5962G9657801VXA
54FCT273DMQB	5962-8765601RA	RHFAC273D03Q	5962F8775601RC	UT54ACS273UVCG	5962G9657801VXC
54FCT273FMQB	5962-8765601SA	RHFAC273D03V	5962F8775601VRC	UT54ACS273-V-DIEG	5962G9657801V9B
54FCT273LMQB	5962-87656012A	RHFAC273D04Q	5962F8775601RA	UT54ACTS273PQAH	5962H9657901QRA
54HC273 (GEN)	5962-8409901VXA	RHFAC273D04V	5962F8775601VRA	UT54ACTS273PQCH	5962H9657901QRC
54HC273 (GEN)	8409901XA	RHFAC273K01Q	5962F8775601XC	UT54ACTS273PVAH	5962H9657901VRA
54LS273 (GEN)	5962-7801001VSA	RHFAC273K01V	5962F8775601VXC	UT54ACTS273PVCH	5962H9657901VRC
AC273DIE2V	5962F8775601V9A	RHFAC273K02Q	5962F8775601XA	UT54ACTS273-Q-DIE	5962H9657901Q9A
ACT273DIE2V	5962F0152701V9A	RHFAC273K02V	5962F8775601VXA	UT54ACTS273UQAH	5962H9657901QXA
CD54HC273F3A	8409901RA	RHFAC273K03V	5962F8775601VYC	UT54ACTS273UQCH	5962H9657901QXC
CD54HCT273F3A	5962-8772501RA	RHFAC273K04V	5962F8775601VYA	UT54ACTS273UVAH	5962H9657901VXA
EV54AC273DMQB	5962-8775601RA	RHFACT273K01Q	5962F0152701QXC	UT54ACTS273UVCH	5962H9657901VXC
EV54AC273FMQB	5962-8775601SA	RHFACT273K01V	5962F0152701VXC	UT54ACTS273-V-DIE	5962H9657901V9A
EV54AC273LMQB	5962-87756012A	RHFACT273K02Q	5962F0152701QXA	CY54FCT273ATDMB	5962-9221503MRA
EV54AC273WG-QML	5962-8775601ZA	RHFACT273K02V	5962F0152701VXA	CY54FCT273ATLMB	5962-9221503M2A
IDT54FCT273ATDB	5962-9221503MRA	SL54LS273/B2A	78010012A	SNJ54LS279AFK	76018012A
IDT54FCT273ATEB	5962-9221503MSA	SL54LS273/B2C	78010012C	SNJ54LS279AJ	7601801EA
IDT54FCT273ATLB	5962-9221503M2A	SL54LS273/BRA	7801001RA	SNJ54LS279AW	7601801FA
IDT54FCT273CTDB	5962-9221505MRA	SL54LS273/BSA	7801001SA	UT54ACS279PQAH	5962H9658001QEA
IDT54FCT273CTEB	5962-9221505MSA	SNJ54ABT273FK	5962-9321701Q2A	UT54ACS279PQCH	5962H9658001QEC
IDT54FCT273CTLB	5962-9221505M2A	SNJ54ABT273J	5962-9321701QRA	UT54ACS279PVAH	5962H9658001VEA
IDT54FCT273TDB	5962-9221501MRA	SNJ54ABT273W	5962-9321701QSA	UT54ACS279PVCH	5962H9658001VEC
IDT54FCT273TEB	5962-9221501MSA	SNJ54AHC273FK	5962-9853001Q2A	UT54ACS279UQAH	5962H9658001QXA
IDT54FCT273TLB	5962-9221501M2A	SNJ54AHC273J	5962-9853001QRA	UT54ACS279UQCH	5962H9658001QXC
P54FCT273ACMB	5962-8765602RA	SNJ54AHC273W	5962-9853001QSA	UT54ACS279UVAH	5962H9658001VXA
P54FCT273AFSMB	5962-8765602SA	SNJ54ALS273FK	84136012A	UT54ACS279UVCH	5962H9658001VXC
P54FCT273ALMB	5962-87656022A	SNJ54ALS273J	8413601RA	UT54ACTS279PQAH	5962H9658101QEA
P54FCT273ATCMB	5962-9221503MRA	SNJ54ALS273W	8413601SA	UT54ACTS279PQCH	5962H9658101QEC
P54FCT273ATCMB	5962-9221504MRA	SNJ54HC273FK	84099012A	UT54ACTS279PVAH	5962H9658101VEA
P54FCT273ATFSMB	5962-9221503MSA	SNJ54HC273J	8409901RA	UT54ACTS279PVCH	5962H9658101VEC
P54FCT273ATFSMB	5962-9221504MSA	SNJ54HC273W	8409901SA	UT54ACTS279UQAH	5962H9658101QXA
P54FCT273ATLMB	5962-9221503M2A	SNJ54LS273FK	78010012A	UT54ACTS279UQCH	5962H9658101QXC
P54FCT273ATLMB	5962-9221504M2A	SNJ54LS273J	7801001RA	UT54ACTS279UVAH	5962H9658101VXA
P54FCT273CMB	5962-8765601RA	SNJ54LS273W	7801001SA	UT54ACTS279UVCH	5962H9658101VXC
P54FCT273CTCMB	5962-9221505MRA	SNV54HC273J	5962-8409901VRA	54AC280/Q2A	5962-9220101M2A
P54FCT273CTCMB	5962-9221506MRA	SNV54HC273W	5962-8409901VSA	54AC280/QCA	5962-9220101MCA
P54FCT273CTFSMB	5962-9221505MSA	SNV54LS273J	5962-7801001VRA	54AC280/QDA	5962-9220101MDA
P54FCT273CTFSMB	5962-9221506MSA	UT54ACS273E-Q-DIEG	5962G9657803Q9B	54AC280DMQB	5962-9220101MCA
P54FCT273CTLMB	5962-9221505M2A	UT54ACS273E-Q-DIEH	5962H9657802Q9B	54AC280FMQB	5962-9220101MDA
P54FCT273CTLMB	5962-9221506M2A	UT54ACS273EUQAG	5962G9657803QXA	54AC280LMQB	5962-9220101M2A
P54FCT273FSMB	5962-8765601SA	UT54ACS273EUQAH	5962H9657802QXA	54HC280/B2A	86077012A
P54FCT273LMB	5962-87656012A	UT54ACS273EUQCG	5962G9657803QXC	CD54HC280F3A	8607701CA
P54FCT273TCMB	5962-9221501MRA	UT54ACS273EUQCH	5962H9657802QXC	UT54ACS280PQAH	5962H9658201QCA
P54FCT273TCMB	5962-9221502MRA	UT54ACS273EUVAG	5962G9657803VXA	UT54ACS280PQCH	5962H9658201QCC



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
UT54ACS280PVAH	5962H9658201VCA	UT54ACS283PVAH	5962H9658401VEA	54ACT299DMQB	5962-8877101RA
UT54ACS280PVCH	5962H9658201VCC	UT54ACS283PVCH	5962H9658401VEC	54ACT299FMQB	5962-8877101SA
UT54ACS280UQAH	5962H9658201QXA	UT54ACS283UQAH	5962H9658401QXA	54ACT299LMQB	5962-88771012A
UT54ACS280UQCH	5962H9658201QXC	UT54ACS283UQCH	5962H9658401QXC	54F299/B2A	5962-89573012A
UT54ACS280UVAH	5962H9658201VXA	UT54ACS283UVAH	5962H9658401VXA	54F299/BRA	5962-8957301RA
UT54ACS280UVCH	5962H9658201VXC	UT54ACS283UVCH	5962H9658401VXC	54F299/BSA	5962-8957301SA
UT54ACTS280PQAH	5962H9658301QCA	UT54ACTS283PQAH	5962H9658501QEA	54F299DMQB	5962-8957301RA
UT54ACTS280PQCH	5962H9658301QCC	UT54ACTS283PQCH	5962H9658501QEC	54F299FMQB	5962-8957301SA
UT54ACTS280PVAH	5962H9658301VCA	UT54ACTS283PVAH	5962H9658501VEA	54F299LMQB	5962-89573012A
UT54ACTS280PVCH	5962H9658301VCC	UT54ACTS283PVCH	5962H9658501VEC	54FCT299 (GEN)	5962-86862012A
UT54ACTS280UQAH	5962H9658301QXA	UT54ACTS283UQAH	5962H9658501QXA	54FCT299 (GEN)	5962-8686201RA
UT54ACTS280UQCH	5962H9658301QXC	UT54ACTS283UQCH	5962H9658501QXC	54FCT299 (GEN)	5962-8686201SA
UT54ACTS280UVAH	5962H9658301VXA	UT54ACTS283UVAH	5962H9658501VXA	54FCT299A (GEN)	5962-86862022A
UT54ACTS280UVCH	5962H9658301VXC	UT54ACTS283UVCH	5962H9658501VXC	54FCT299A (GEN)	5962-8686202RA
54AC280 (GEN)	5962-9220102QXA	54AS286 (GEN)	5962-89663012A	54FCT299A (GEN)	5962-8686202SA
54AC280 (GEN)	5962-9220102VXA	54AS286 (GEN)	5962-8966301CA	54FCT299AT (GEN)	5962-9221603M2A
54BCT2827A (GEN)	5962-9074401MKA	54AS286 (GEN)	5962-8966301DA	54FCT299AT (GEN)	5962-9221603MRA
SNJ54BCT2827AFK	5962-9074401M3A	54ABT2952 (GEN)	5962-9308601M3A	54FCT299CT (GEN)	5962-9221605M2A
SNJ54BCT2827AJT	5962-9074401MLA	54ABT2952 (GEN)	5962-9308601MKA	54FCT299CT (GEN)	5962-9221605MRA
54BCT2828A (GEN)	5962-9074501M3A	54ABT2952 (GEN)	5962-9308601MLA	54FCT299T (GEN)	5962-9221601M2A
54BCT2828A (GEN)	5962-9074501MKA	54ABT2952A (GEN)	5962-9308602Q3A	54FCT299T (GEN)	5962-9221601MRA
54BCT2828A (GEN)	5962-9074501MLA	54ABT2952A (GEN)	5962-9308602QKA	54HC299 (GEN)	5962-87806012A
54HC283 (GEN)	5962-8976501FA	SNJ54ABT2952AJT	5962-9308602QLA	CD54HC299F3A	5962-8780601RA
54HC283 (GEN)	5962-8976501VFA	CD54HC297F3A	5962-8999001EA	CD54HCT299F3A	5962-8943601MRA
54HC283 (GEN)	5962-8976501VXA	54LS298 (GEN)	7601901FA	IDT54FCT299ATDB	5962-9221604MRA
54HC283 (GEN)	5962-8976501XA	SL54LS298/BEA	7601901EA	IDT54FCT299ATEB	5962-9221604MSA
CD54HC283F3A	5962-8976501EA	SL54LS298/BFA	7601901FA	IDT54FCT299ATLB	5962-9221604M2A
SL54LS283/B2A	76043012A	SNJ54LS298J	7601901EA	IDT54FCT299CTDB	5962-9221606MRA
SL54LS283/B2C	76043012C	SNJ54ALS29821JT	5962-9061601LA	IDT54FCT299CTEB	5962-9221606MSA
SL54LS283/BEA	7604301EA	54ALS29823 (GEN)	5962-9067501MLA	IDT54FCT299CTLB	5962-9221606M2A
SL54LS283/BFA	7604301FA	SNJ54ALS29823FK	5962-9067501M3A	IDT54FCT299TDB	5962-9221602MRA
SNJ54F283FK	5962-9758701Q2A	SNJ54ALS29823W	5962-9067501MKA	IDT54FCT299TEB	5962-9221602MSA
SNJ54F283J	5962-9758701QEA	54ALS29824 (GEN)	5962-9067502M3A	IDT54FCT299TLB	5962-9221602M2A
SNJ54F283W	5962-9758701QFA	54ALS29824 (GEN)	5962-9067502MKA	SNJ54ALS299FK	83021012A
SNJ54LS283FK	76043012A	54ALS29824 (GEN)	5962-9067502MLA	SNJ54ALS299J	8302101RA
SNJ54LS283J	7604301EA	54ALS29825 (GEN)	5962-9069501M3A	SNJ54ALS299W	8302101SA
SNJ54LS283W	7604301FA	54ALS29825 (GEN)	5962-9069501MKA	SNJ54LS299FK	78024012A
SNV54LS283J	5962-7604301VEA	54ALS29825 (GEN)	5962-9069501MLA	SNJ54LS299J	7802401RA
UT54ACS283E-Q-DIE	5962H9658402Q9A	54ALS29842 (GEN)	5962-9071001M3A	SNJ54LS299W	7802401SA
UT54ACS283E-Q-DIEG	5962G9658403Q9A	54ALS29842 (GEN)	5962-9071001MKA	UT54ACS299E-Q-DIE	5962R0623801Q9A
UT54ACS283EUQAG	5962G9658403QXA	54ALS29842 (GEN)	5962-9071001MLA	UT54ACS299EUCA	5962R0623801QXA
UT54ACS283EUQAH	5962H9658402QXA	54ALS29843 (GEN)	5962-9072001M3A	UT54ACS299EUCA	5962R0623801VXA
UT54ACS283EUQCG	5962G9658403QXC	54ALS29843 (GEN)	5962-9072001MKA	UT54ACS299EUCC	5962R0623801QXC
UT54ACS283EUQCH	5962H9658402QXC	54ALS29843 (GEN)	5962-9072001MLA	UT54ACS299EUCC	5962R0623801VXC
UT54ACS283EUVAG	5962G9658403VXA	54AC299 (GEN)	5962-88754012A	UT54ACS299E-V-DIE	5962R0623801V9A
UT54ACS283EUVAH	5962H9658402VXA	54AC299 (GEN)	5962-8875401RA	MAX543A (GEN)	5962-9234501M2C
UT54ACS283EUVCG	5962G9658403VXC	54AC299 (GEN)	5962-8875401SA	MAX543AMJA/883B	5962-9234501MPA
UT54ACS283EUVCH	5962H9658402VXC	54AC299 (GEN)	5962-8875401VSA	MAX543B (GEN)	5962-9234502M2C
UT54ACS283E-V-DIE	5962H9658402V9A	54AC299 (GEN)	5962-8875401VXA	MAX543B (GEN)	5962-9234502MPA
UT54ACS283E-V-DIEG	5962G9658403V9A	54AC299 (GEN)	5962-8875401XA	54AS30 (GEN)	5962-9755801Q2A
UT54ACS283PQAH	5962H9658401QEA	54ACT299 (GEN)	5962-8877102VXA	54HC30 (GEN)	8404001AA
UT54ACS283PQCH	5962H9658401QEC	54ACT299 (GEN)	5962-8877102XA	54HC30 (GEN)	8404001BA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
54HC30/Q2A	84040012A	CD54HC32F3A	8404501CA	RT54SX32 (GEN)	5962-9958604QXC
54HC30/QDA	8404001DA	CD54HCT32F3A	5962-8685201CA	RT54SX32 (GEN)	5962-9958604QYC
54S30 (GEN)	5962-9679201Q2A	EV54AC32DMQB	5962-8761401CA	RT54SX32S-1 (GEN)	5962-0150802QXC
CD54HC30F3A	8404001CA	EV54AC32FMQB	5962-8761401DA	RT54SX32S-1 (GEN)	5962-0150802QYC
CD54HCT30F3A	5962-8974601CA	EV54AC32LMQB	5962-87614012A	RT54SX32S-1 (GEN)	5962-0150804QXC
SNJ54ALS30AFK	5962-86837012A	QP54ACTQ32DMQB	5962-8973601CA	RT54SX32S-1 (GEN)	5962-0150804QYC
SNJ54ALS30AW	5962-8683701DA	QP54ACTQ32FMQB	5962-8973601DA	A54SX32A-1CQ208B	5962-0151802QYC
SNJ54AS30J	5962-9755801QCA	QP54ACTQ32LMQB	5962-89736012A	A54SX32A-1CQ256B	5962-0151802QXC
SNJ54F30FK	5962-88708012A	RHFACT32D03Q	5962F8973603CC	A54SX32A-1CQ84B	5962-0151802QZC
SNJ54F30J	5962-8870801CA	RHFACT32D03V	5962F8973603VCC	54AC32/Q2A	5962-87614012A
SNJ54F30W	5962-8870801DA	RHFACT32D04Q	5962F8973603CA	54ACTQ32/Q2A	5962-89736012A
SNJ54S30J	5962-9679201QCA	RHFACT32D04V	5962F8973603VCA	54F322DMQB	5962-8607401RA
SNJ54S30W	5962-9679201QDA	RHFACT32K01Q	5962F8973603XC	54F322FMQB	5962-8607401SA
54F30244 (GEN)	5962-88722013A	RHFACT32K01V	5962F8973603VXC	54F322LMQB	5962-86074012A
54F30244 (GEN)	5962-8872201KA	RHFACT32K02Q	5962F8973603XA	A54SX32A-CQ208B	5962-0151801QYC
54F30244 (GEN)	5962-8872201LA	RHFACT32K02V	5962F8973603VXA	54ABTH32245PZ	5962-9557701NXD
54F30245 (GEN)	5962-89722013A	RHFACT32K03V	5962F8973603VYC	UT54BS32245-ZCC	5962F1524101QXC
54F30245 (GEN)	5962-8972201KA	RHFACT32K04V	5962F8973603VYA	UT54BS32245-ZCC	5962F1524101VXC
54F30245 (GEN)	5962-8972201LA	RT54SX32 (GEN)	5962-9958603QXC	A54SX32A-CQ256B	5962-0151801QXC
54F3037 (GEN)	5962-90565012A	RT54SX32 (GEN)	5962-9958603QYC	54ACT323DMQB	5962-9160701MRA
54F3037 (GEN)	5962-9056501EA	RT54SX32S (GEN)	5962-0150801QXC	54ACT323FMQB	5962-9160701MSA
54F3037 (GEN)	5962-9056501FA	RT54SX32S (GEN)	5962-0150801QYC	54ACT323LMQB	5962-9160701M2A
HCPL-5431	5962-8957101PC	RT54SX32S (GEN)	5962-0150803QXC	54ALS323 (GEN)	83021022A
HCPL-5431#100	5962-8957101YA	RT54SX32S (GEN)	5962-0150803QYC	SNJ54ALS323J	8302102RA
HCPL-5431#100	5962-8957101YC	SNJ5432J	5962-9557401QCA	SNJ54ALS323W	8302102SA
HCPL-5431#200	5962-8957101PA	SNJ5432W	5962-9557401QDA	SNJ54ABTH32316HT	5962-9680801QXA
HCPL-5431#300	5962-8957101XA	SNJ54AC32FK	5962-87614012A	54LVX3245 (GEN)	5962-9860501QKA
54AC32 (GEN)	5962-8761401VDA	SNJ54AC32J	5962-8761401CA	54LVX3245 (GEN)	5962-9860501QLA
54AC32 (GEN)	5962-8761401VXA	SNJ54AC32W	5962-8761401DA	54LVXC3245 (GEN)	5962-9861901QKA
54AC32 (GEN)	5962-8761401XA	SNJ54AHC32FK	5962-9682501Q2A	54LVXC3245 (GEN)	5962-9861901QLA
54AC32/QCA	5962-8761401CA	SNJ54AHC32J	5962-9682501QCA	UT54BS3245-UCA	5962F1524401QXA
54AC32/QDA	5962-8761401DA	SNJ54AHC32W	5962-9682501QDA	UT54BS3245-UCA	5962F1524401VXA
54AC32DMQB	5962-8761401CA	SNJ54AHCT32FK	5962-9682601Q2A	UT54BS3245-UCA	5962R1524401QXA
54AC32FMQB	5962-8761401DA	SNJ54AHCT32J	5962-9682601QCA	UT54BS3245-UCA	5962R1524401VXA
54AC32LMQB	5962-87614012A	SNJ54AHCT32W	5962-9682601QDA	UT54BS3245-UCC	5962F1524401QXC
54ACT32 (GEN)	5962-8973603VXA	SNJ54ALS32FK	5962-86836012A	UT54BS3245-UCC	5962F1524401VXC
54ACT32 (GEN)	5962-8973603XA	SNJ54ALS32W	5962-8683601DA	UT54BS3245-UCC	5962R1524401QXC
54ACTQ32/QCA	5962-8973601CA	SNJ54AS32FK	5962-9756001Q2A	UT54BS3245-UCC	5962R1524401VXC
54ACTQ32/QDA	5962-8973601DA	SNJ54AS32J	5962-9756001QCA	54ABTH32501 (GEN)	5962-9557601NXD
54ACTQ32/V2A-R	5962R8973601V2A	SNJ54F32FK	5962-9758801Q2A	54ABTH32543PZ	5962-9557801NXD
54ACTQ32/VCA-R	5962R8973601VCA	SNJ54F32J	5962-9758801QCA	UT54LVDM328UCA	5962H0153601QYA
54ACTQ32/VDA-R	5962R8973601VDA	SNJ54F32W	5962-9758801QDA	UT54LVDM328UCA	5962H0153601VYA
54ACTQ32DMQB	5962-8973601CA	SNJ54HC32FK	84045012A	UT54LVDM328UCA	5962R0153601QYA
54ACTQ32FMQB	5962-8973601DA	SNJ54HC32J	8404501CA	UT54LVDM328UCA	5962R0153601VYA
54ACTQ32LMQB	5962-89736012A	SNJ54HC32W	8404501DA	UT54LVDM328UCC	5962H0153601QYC
54HC32 (GEN)	5962-8404501VXA	SNJ54LVC32AFK	5962-9761801Q2A	UT54LVDM328UCC	5962H0153601VYC
54HC32 (GEN)	8404501AA	SNJ54LVC32AJ	5962-9761801QCA	UT54LVDM328UCC	5962R0153601QYC
54HC32 (GEN)	8404501BA	SNJ54LVC32AW	5962-9761801QDA	UT54LVDM328UCC	5962R0153601VYC
54HC32 (GEN)	8404501XA	SNV54HC32J	5962-8404501VCA	A54SX32A-CQ84B	5962-0151801QZC
54SX32 (GEN)	5962-9958601Q9A	SNV54HC32W	5962-8404501VDA	SL54LS33/B2A	85126012A
54SX32 (GEN)	5962-9958601QXC	54SX32-1 (GEN)	5962-9958602QXC	SL54LS33/B2C	85126012C
A54SX32-CQ208B	5962-9958601QYC	A54SX32-1CQ208B	5962-9958602QYC	SL54LS33/BBA	8512601BA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SL54LS33/BCA	8512601CA	UT54ACS365PQAH	5962H9658601QEA	54ACQ373FMQB	5962-9217801MSA
SL54LS33/BDA	8512601DA	UT54ACS365PQCH	5962H9658601QEC	54ACQ373LMQB	5962-9217801M2A
SNJ54LS33J	8512601CA	UT54ACS365PVAH	5962H9658601VEA	54ACT373 (GEN)	5962-8755601VSA
SNJ54LS33W	8512601DA	UT54ACS365PVCH	5962H9658601VEC	54ACT373 (GEN)	5962-8755603VXA
54ACT3301 (GEN)	5962-9862101QFA	UT54ACS365UQAH	5962H9658601QXA	54ACT373 (GEN)	5962-8755603XA
54LVX3383 (GEN)	5962-9950601QKA	UT54ACS365UQCH	5962H9658601QXC	54ACT373/Q2A	5962-87556012A
54LVX3383 (GEN)	5962-9950601QLA	UT54ACS365UVAH	5962H9658601VXA	54ACT373/QRA	5962-8755601RA
SNJ54CBT3383JT	5962-9668801QLA	UT54ACS365UVCH	5962H9658601VXC	54ACT373/QSA	5962-8755601SA
SNJ54CBT3383W	5962-9668801QKA	UT54ACTS365PQAH	5962H9658701QEA	54ACTQ373/Q2A	5962-9218801M2A
54LVX3384 (GEN)	5962-9950701QKA	UT54ACTS365PQCH	5962H9658701QEC	54ACTQ373/QRA	5962-9218801MRA
54LVX3384 (GEN)	5962-9950701QLA	UT54ACTS365PVAH	5962H9658701VEA	54ACTQ373/QSA	5962-9218801MSA
SNJ54CBTD3384FK	5962-9752701Q3A	UT54ACTS365PVCH	5962H9658701VEC	54ACTQ373DMQB	5962-9218801MRA
SNJ54CBTD3384JT	5962-9752701QLA	UT54ACTS365UQAH	5962H9658701QXA	54ACTQ373FMQB	5962-9218801MSA
SNJ54CBTD3384W	5962-9752701QKA	UT54ACTS365UQCH	5962H9658701QXC	54ACTQ373LMQB	5962-9218801M2A
UT54ACS34PQAH	5962H9653001QCA	UT54ACTS365UVAH	5962H9658701VXA	54ALS373A (GEN)	8302001SA
UT54ACS34PQCH	5962H9653001QCC	UT54ACTS365UVCH	5962H9658701VXC	54BCT373 (GEN)	5962-9074601MSA
UT54ACS34PVAH	5962H9653001VCA	54366 (GEN)	5962-9687802QEA	54FCT373DMQB	5962-8764401RA
UT54ACS34PVCH	5962H9653001VCC	54366 (GEN)	5962-9687802QFA	54FCT373FMQB	5962-8764401SA
UT54ACS34-Q-DIE	5962H9653001Q9A	SNJ54HC366FK	5962-86828012A	54FCT373LMQB	5962-87644012A
UT54ACS34UQAH	5962H9653001QXA	SNJ54HC366J	5962-8682801EA	54HC373 (GEN)	5962-8407201VXA
UT54ACS34UQCH	5962H9653001QXC	54367A (GEN)	5962-9687803QEA	54HC373 (GEN)	8407201XA
UT54ACS34UVAH	5962H9653001VXA	54367A (GEN)	5962-9687803QFA	54HCT373 (GEN)	5962-8686701SA
UT54ACS34UVCH	5962H9653001VXC	54F367 (GEN)	5962-89857012A	54HCT373 (GEN)	5962-8686701VRA
UT54ACS34-V-DIE	5962H9653001V9A	54F367 (GEN)	5962-8985701EA	ACT373DIE2V	5962F8755603V9A
UT54ACTS34PQAH	5962H9653101QCA	54F367 (GEN)	5962-8985701FA	CD54HC373F3A	8407201RA
UT54ACTS34PQCH	5962H9653101QCC	54HC367 (GEN)	85002012A	CY54FCT373TDMB	5962-9221701MRA
UT54ACTS34PVAH	5962H9653101VCA	54HC367 (GEN)	8500201FA	IDT54FCT373ADB	5962-8764402RA
UT54ACTS34PVCH	5962H9653101VCC	CD54HCT367F3A	5962-9070601MEA	IDT54FCT373AEB	5962-8764402SA
UT54ACTS34-Q-DIE	5962H9653101Q9A	SNJ54HC367J	8500201EA	IDT54FCT373ALB	5962-87644022A
UT54ACTS34UQAH	5962H9653101QXA	54368A (GEN)	5962-9687804QEA	IDT54FCT373ATDB	5962-9221702MRA
UT54ACTS34UQCH	5962H9653101QXC	54368A (GEN)	5962-9687804QFA	IDT54FCT373ATLB	5962-9221702M2A
UT54ACTS34UVAH	5962H9653101VXA	SNJ54HC368FK	5962-86812012A	IDT54FCT373CTDB	5962-9221703MRA
UT54ACTS34UVCH	5962H9653101VXC	SNJ54HC368J	5962-8681201EA	IDT54FCT373CTLB	5962-9221703M2A
UT54ACTS34-V-DIE	5962H9653101V9A	SN54LS37FK	5962-9754101Q2A	IDT54FCT373DB	5962-8764401RA
54CDC341 (GEN)	5962-9676101Q2A	SN54LS37J	5962-9754101QCA	IDT54FCT373EB	5962-8764401SA
54CDC341 (GEN)	5962-9676101QRA	SN54LS37W	5962-9754101QDA	IDT54FCT373LB	5962-87644012A
54CDC341 (GEN)	5962-9676101QSA	54ABT373 (GEN)	5962-9321801M2A	IDT54FCT373TDB	5962-9221701MRA
54F350/B2A	5962-86075012A	54ABT373 (GEN)	5962-9321801MRA	IDT54FCT373TLB	5962-9221701M2A
54F350/BEA	5962-8607501EA	54ABT373 (GEN)	5962-9321801MSA	P54FCT373ACMB	5962-8764402RA
54F350/BFA	5962-8607501FA	54ABT373E-QML	5962-9321801Q2A	P54FCT373AFSMB	5962-8764402SA
54ALS352/B2A	5962-9763201Q2A	54ABT373J-QML	5962-9321801QRA	P54FCT373ALMB	5962-87644022A
54ALS352/BEA	5962-9763201QEA	54ABT373W-QML	5962-9321801QSA	P54FCT373ATCMB	5962-9221702MRA
54F36 (GEN)	5962-88709012A	54AC373 (GEN)	5962-8755501VRA	P54FCT373ATCMB05	5962-9221705MRA
54F36 (GEN)	5962-8870901CA	54AC373 (GEN)	5962-8755501VXA	P54FCT373ATFSMB	5962-9221702MSA
54F36 (GEN)	5962-8870901DA	54AC373 (GEN)	5962-8755501XA	P54FCT373ATFSMB05	5962-9221705MSA
54ABT3614 (GEN)	5962-9560901QYA	54AC373/Q2A	5962-87555012A	P54FCT373ATLMB	5962-9221702M2A
54ACT3632 (GEN)	5962-9562801QYA	54AC373/QRA	5962-8755501RA	P54FCT373ATLMB05	5962-9221705M2A
54ACT3641 (GEN)	5962-9560801QYA	54AC373/QSA	5962-8755501SA	P54FCT373CMB	5962-8764401RA
54365 (GEN)	5962-9687801QEA	54AC373DMQB	5962-8755501RA	P54FCT373CTCMB	5962-9221703MRA
54HC365 (GEN)	85001012A	54AC373FMQB	5962-8755501SA	P54FCT373CTCMB06	5962-9221706MRA
54HC365/BFA	8500101FA	54AC373LMQB	5962-87555012A	P54FCT373CTFSMB	5962-9221703MSA
SNJ54HC365J	8500101EA	54ACQ373DMQB	5962-9217801MRA	P54FCT373CTFSMB06	5962-9221706MSA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
P54FCT373CTLMB	5962-9221703M2A	SNJ54HC373FK	84072012A	54ACQ374/Q2A	5962-9217901M2A
P54FCT373CTLMB06	5962-9221706M2A	SNJ54HC373J	8407201RA	54ACQ374/QRA	5962-9217901MRA
P54FCT373FSMB	5962-8764401SA	SNJ54HC373W	8407201SA	54ACQ374/QSA	5962-9217901MSA
P54FCT373LMB	5962-87644012A	SNJ54HCT373FK	5962-86867012A	54ACQ374DMQB	5962-9217901MRA
P54FCT373TCMB	5962-9221701MRA	SNJ54HCT373J	5962-8686701RA	54ACQ374FMQB	5962-9217901MSA
P54FCT373TCMB04	5962-9221704MRA	SNJ54LVC373AFK	5962-9757301Q2A	54ACQ374LMQB	5962-9217901M2A
P54FCT373TFMSMB	5962-9221701MSA	SNJ54LVC373AJ	5962-9757301QRA	54ACT374 (GEN)	5962-8763101VRA
P54FCT373TFMSMB04	5962-9221704MSA	SNJ54LVC373AW	5962-9757301QSA	54ACT374 (GEN)	5962-8763103VXA
P54FCT373TLMB	5962-9221701M2A	SNJ54LVTH373FK	5962-9950901Q2A	54ACT374 (GEN)	5962-8763103XA
P54FCT373TLMB04	5962-9221704M2A	SNJ54LVTH373J	5962-9950901QRA	54ACT374/Q2A	5962-87631012A
RHFAC373D03Q	5962F8755501RC	SNJ54LVTH373W	5962-9950901QSA	54ACT374/QRA	5962-8763101RA
RHFAC373D03V	5962F8755501VRC	SNV54AC373W	5962-8755501VSA	54ACT374/QSA	5962-8763101SA
RHFAC373D04Q	5962F8755501RA	SNV54ACT373J	5962-8755601VRA	54ACT374LMQB	5962-87631012A
RHFAC373D04V	5962F8755501VRA	SNV54HC373J	5962-8407201VRA	54ACTQ374 (GEN)	5962R9218901M2A
RHFAC373K01Q	5962F8755501XC	SNV54HC373W	5962-8407201VSA	54ACTQ374 (GEN)	5962R9218901MRA
RHFAC373K01V	5962F8755501VXC	SNV54HCT373W	5962-8686701VSA	54ACTQ374 (GEN)	5962R9218901MSA
RHFAC373K02Q	5962F8755501XA	UT54ACS373PQAH	5962H9658801QRA	54ACTQ374 (GEN)	5962R9218901V2A
RHFAC373K02V	5962F8755501VXA	UT54ACS373PQCH	5962H9658801QRC	54ACTQ374 (GEN)	5962R9218901VRA
RHFAC373K03V	5962F8755501VYC	UT54ACS373PVAH	5962H9658801VRA	54ACTQ374 (GEN)	5962R9218901VSA
RHFAC373K04V	5962F8755501VYA	UT54ACS373PVCH	5962H9658801VRC	54ACTQ374/Q2A	5962-9218901M2A
RHFAC373D03Q	5962F8755603RC	UT54ACS373-Q-DIE	5962H9658801Q9A	54ACTQ374/QRA	5962-9218901MRA
RHFAC373D03V	5962F8755603VRC	UT54ACS373UQAH	5962H9658801QXA	54ACTQ374/QSA	5962-9218901MSA
RHFAC373D04Q	5962F8755603RA	UT54ACS373UQCH	5962H9658801QXC	54ACTQ374DMQB	5962-9218901MRA
RHFAC373D04V	5962F8755603VRA	UT54ACS373UVAH	5962H9658801VXA	54ACTQ374FMQB	5962-9218901MSA
RHFAC373K01Q	5962F8755603XC	UT54ACS373UVCH	5962H9658801VXC	54ACTQ374LMQB	5962-9218901M2A
RHFAC373K01V	5962F8755603VXC	UT54ACS373-V-DIE	5962H9658801V9A	54AS374 (GEN)	5962-9756201Q2A
RHFAC373K02Q	5962F8755603XA	UT54ACTS373PQAH	5962H9658901QRA	54AS374 (GEN)	5962-9756201QSA
RHFAC373K02V	5962F8755603VXA	UT54ACTS373PQCH	5962H9658901QRC	54FCT374DMQB	5962-8762801RA
RHFAC373K03V	5962F8755603VYC	UT54ACTS373PVAH	5962H9658901VRA	54FCT374FMQB	5962-8762801SA
RHFAC373K04V	5962F8755603VYA	UT54ACTS373PVCH	5962H9658901VRC	54FCT374LMQB	5962-87628012A
RHFAC373D03Q	5962F8755603RC	UT54ACTS373UQAH	5962H9658901QXA	54HC374 (GEN)	5962-8407101VXA
RHFAC373D03V	5962F8755603VRC	UT54ACTS373UQCH	5962H9658901QXC	54HC374 (GEN)	8407101XA
RHFAC373D04Q	5962F8755603RA	UT54ACTS373UVAH	5962H9658901VXA	54HCT374 (GEN)	5962-8550701VRA
RHFAC373D04V	5962F8755603VRA	UT54ACTS373UVCH	5962H9658901VXC	54HCT374 (GEN)	5962-8550701VSA
RHFAC373K01Q	5962F8755603XC	CY54FCT373ATDMB	5962-9221702MRA	54LS374 (GEN)	5962-7801102VRA
RHFAC373K01V	5962F8755603VXC	CY54FCT373CTLMB	5962-9221703M2A	54LS374 (GEN)	5962-7801102VSA
RHFAC373K02Q	5962F8755603XA	54ABT374DMQB	5962-9314901MRA	54LVC374A (GEN)	5962-9757401V2A
RHFAC373K02V	5962F8755603VXA	54ABT374E-QML	5962-9314901Q2A	54LVC374A (GEN)	5962-9757401VRA
RHFAC373K03V	5962F8755603VYC	54ABT374FMQB	5962-9314901MSA	54LVC374A (GEN)	5962-9757401VSA
RHFAC373K04V	5962F8755603VYA	54ABT374J-QML	5962-9314901QRA	54LVTH374 (GEN)	5962-9951001Q2A
SNJ54ABT373FK	5962-9321801Q2A	54ABT374LMQB	5962-9314901M2A	CD54HCT374F3A	8550701RA
SNJ54ABT373J	5962-9321801QRA	54ABT374W-QML	5962-9314901QSA	CY54FCT374CTLMB	5962-9221806M2A
SNJ54ABT373W	5962-9321801QSA	54AC374 (GEN)	5962-8769401VRA	CY54FCT374TDMB	5962-9221802MRA
SNJ54AC373FK	5962-87555012A	54AC374 (GEN)	5962-8769401VSA	CY54FCT374TLMB	5962-9221802M2A
SNJ54AC373J	5962-8755501RA	54AC374 (GEN)	5962-8769401VXA	IDT54FCT374ADB	5962-8762802RA
SNJ54AC373W	5962-8755501SA	54AC374 (GEN)	5962-8769401XA	IDT54FCT374AEB	5962-8762802SA
SNJ54ACT373FK	5962-87556012A	54AC374 (GEN)	5962-87694012A	IDT54FCT374ALB	5962-87628022A
SNJ54ACT373J	5962-8755601RA	54AC374/Q2A	5962-8769401RA	IDT54FCT374ATDB	5962-9221804MRA
SNJ54ACT373W	5962-8755601SA	54AC374/QRA	5962-8769401SA	IDT54FCT374ATLB	5962-9221804M2A
SNJ54AHC373FK	5962-9686601Q2A	54AC374/QSA	5962-8769401RA	IDT54FCT374CTDB	5962-9221806MRA
SNJ54AHC373J	5962-9686601QRA	54AC374DMQB	5962-8769401SA	IDT54FCT374CTLB	5962-9221806M2A
SNJ54AHC373W	5962-9686601QSA	54AC374FMQB	5962-8769401SA	IDT54FCT374CTLB	5962-9221806M2A
SNJ54AHCT373FK	5962-9686701Q2A	54AC374LMQB	5962-87694012A	IDT54FCT374DB	5962-8762801RA
SNJ54AHCT373J	5962-9686701QRA				
SNJ54AHCT373W	5962-9686701QSA				
SNJ54ALS373AFK	83020012A				
SNJ54ALS373AJ	8302001RA				
SNJ54BCT373FK	5962-9074601M2A				
SNJ54BCT373J	5962-9074601MRA				
SNJ54F373FK	5962-9758901Q2A				
SNJ54F373J	5962-9758901QRA				
SNJ54F373W	5962-9758901QSA				

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
IDT54FCT374EB	5962-8762801SA	SNJ54AC374FK	5962-87694012A	UT54ACTS374UQAH	5962H9659101QXA
IDT54FCT374LB	5962-87628012A	SNJ54AC374J	5962-8769401RA	UT54ACTS374UQCH	5962H9659101QXC
IDT54FCT374TDB	5962-9221802MRA	SNJ54AC374W	5962-8769401SA	UT54ACTS374UVAH	5962H9659101VXA
IDT54FCT374TLB	5962-9221802M2A	SNJ54ACT374FK	5962-87631012A	UT54ACTS374UVCH	5962H9659101VXC
P54FCT374ACMB	5962-8762802RA	SNJ54ACT374J	5962-8763101RA	CY54FCT374ATDMB	5962-9221804MRA
P54FCT374AFSMB	5962-8762802SA	SNJ54ACT374W	5962-8763101SA	CY54FCT374ATLMB	5962-9221804M2A
P54FCT374ALMB	5962-87628022A	SNJ54AHC374FK	5962-9686401Q2A	P54FCT374ATCMB04	5962-9221804MRA
P54FCT374ATCMB	5962-9221803MRA	SNJ54AHC374J	5962-9686401QRA	P54FCT374ATFSMB04	5962-9221804MSA
P54FCT374ATFSMB	5962-9221803MSA	SNJ54AHC374W	5962-9686401QSA	P54FCT374ATLMB04	5962-9221804M2A
P54FCT374ATLMB	5962-9221803M2A	SNJ54AHCT374FK	5962-9686501Q2A	54ABT377 (GEN)	5962-9314801QSA
P54FCT374CMB	5962-8762801RA	SNJ54AHCT374J	5962-9686501QRA	54ABT377DMQB	5962-9314801MRA
P54FCT374CTCMB	5962-9221805MRA	SNJ54AHCT374W	5962-9686501QSA	54ABT377E-QML	5962-9314801Q2A
P54FCT374CTCMB06	5962-9221806MRA	SNJ54ALS374AFK	83020022A	54ABT377FMQB	5962-9314801MSA
P54FCT374CTFSMB	5962-9221805MSA	SNJ54ALS374AJ	8302002RA	54ABT377J-QML	5962-9314801QRA
P54FCT374CTFSMB06	5962-9221806MSA	SNJ54ALS374AW	8302002SA	54ABT377LMQB	5962-9314801M2A
P54FCT374CTLMB	5962-9221805M2A	SNJ54AS374J	5962-9756201QRA	54ABT377W-QML	5962-9314801QSA
P54FCT374CTLMB06	5962-9221806M2A	SNJ54BCT374FK	5962-9051601M2A	54AC377/Q2A	5962-88702012A
P54FCT374FSMB	5962-8762801SA	SNJ54BCT374J	5962-9051601MRA	54AC377/QRA	5962-8870201RA
P54FCT374LMB	5962-87628012A	SNJ54BCT374W	5962-9051601MSA	54AC377/QSA	5962-8870201SA
P54FCT374TCMB	5962-9221801MRA	SNJ54F374FK	5962-9759001Q2A	54ACT377 (GEN)	5962-8769701SRA
P54FCT374TCMB02	5962-9221802MRA	SNJ54F374J	5962-9759001QRA	54ACT377 (GEN)	5962-8769701SSA
P54FCT374TFSMB	5962-9221801MSA	SNJ54F374W	5962-9759001QSA	54ACT377/B2A	5962-8769701B2A
P54FCT374TFSMB02	5962-9221802MSA	SNJ54HC374FK	84071012A	54ACT377/BRA	5962-8769701BRA
P54FCT374TLMB	5962-9221801M2A	SNJ54HC374J	8407101RA	54ACT377/BSA	5962-8769701BSA
P54FCT374TLMB02	5962-9221802M2A	SNJ54HC374W	8407101SA	54ACT377/M2A	5962-8769701M2A
RHFAC374D03Q	5962F8769401RC	SNJ54HCT374FK	85507012A	54ACT377/MRA	5962-8769701MRA
RHFAC374D03V	5962F8769401VRC	SNJ54HCT374J	8550701RA	54ACT377/MSA	5962-8769701MSA
RHFAC374D04Q	5962F8769401RA	SNJ54LS374FK	78011022A	54ACT377/Q2A	5962-87697012A
RHFAC374D04V	5962F8769401VRA	SNJ54LS374J	7801102RA	54ACT377/QRA	5962-8769701RA
RHFAC374K01Q	5962F8769401XC	SNJ54LS374W	7801102SA	54ACT377/QSA	5962-8769701SA
RHFAC374K01V	5962F8769401VXC	SNJ54LVC374AFK	5962-9757401Q2A	54ACT377DMQB	5962-8769701MRA
RHFAC374K02Q	5962F8769401XA	SNJ54LVC374AJ	5962-9757401QRA	54ACT377FMQB	5962-8769701MSA
RHFAC374K02V	5962F8769401VXA	SNJ54LVC374AW	5962-9757401QSA	54ACT377LMQB	5962-8769701M2A
RHFAC374K03V	5962F8769401VYC	SNJ54LVTH374J	5962-9951001QRA	54ACTQ377DMQB	5962-9219001MRA
RHFAC374K04V	5962F8769401VYA	SNJ54LVTH374W	5962-9951001QSA	54ACTQ377FMQB	5962-9219001MSA
RHFACT374D03Q	5962F8763103RC	SNV54ACT374W	5962-8763101VSA	54ACTQ377LMQB	5962-9219001M2A
RHFACT374D03V	5962F8763103VRC	SNV54HC374J	5962-8407101VRA	54F377/Q2A	5962-9091001M2A
RHFACT374D04Q	5962F8763103RA	SNV54HC374W	5962-8407101VSA	54F377/QRA	5962-9091001MRA
RHFACT374D04V	5962F8763103VRA	UT54ACS374PQAH	5962H9659001QRA	54F377/QSA	5962-9091001MSA
RHFACT374K01Q	5962F8763103XC	UT54ACS374PQCH	5962H9659001QRC	54F377DMQB	5962-9091001MRA
RHFACT374K01V	5962F8763103VXC	UT54ACS374PVAH	5962H9659001VRA	54F377FMQB	5962-9091001MSA
RHFACT374K02Q	5962F8763103XA	UT54ACS374PVCH	5962H9659001VRC	54F377LMQB	5962-9091001M2A
RHFACT374K02V	5962F8763103VXA	UT54ACS374-QDIE	5962H9659001Q9A	54FCT377DMQB	5962-8762701RA
RHFACT374K03V	5962F8763103VYC	UT54ACS374UQAH	5962H9659001QXA	54FCT377FMQB	5962-8762701SA
RHFACT374K04V	5962F8763103VYA	UT54ACS374UQCH	5962H9659001QXC	54FCT377LMQB	5962-87627012A
SL54LS374/B2A	78011012A	UT54ACS374UVAH	5962H9659001VXA	5P4FCT377ATCMB	5962-9221902MRA
SL54LS374/B2C	78011012C	UT54ACS374UVCH	5962H9659001VXC	CD54HCT377F3A	5962-8976901RA
SL54LS374/BRA	7801101RA	UT54ACS374-VDIE	5962H9659001V9A	CY54FCT377ATLMB	5962-9221902M2A
SL54LS374/BSA	7801101SA	UT54ACTS374PQAH	5962H9659101QRA	CY54FCT377CTLMB	5962-9221903M2A
SNJ54ABT374FK	5962-9314901Q2A	UT54ACTS374PQCH	5962H9659101QRC	JM54ACT377BRA	5962-8769701BRA
SNJ54ABT374J	5962-9314901QRA	UT54ACTS374PVAH	5962H9659101VRA	JM54ACT377BSA	5962-8769701BSA
SNJ54ABT374W	5962-9314901QSA	UT54ACTS374PVCH	5962H9659101VRC	P54FCT377ACMB	5962-8762702RA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
P54FCT377AFSMB	5962-8762702SA	SL54LS378/BFA	5962-8992501FA	54FCT399CT (GEN)	5962-9221205M2A
P54FCT377ALMB	5962-87627022A	SNJ54LS378FK	5962-89925012A	54FCT399CT (GEN)	5962-9221205MEA
P54FCT377ATCMB01	5962-9221905MRA	SNJ54LS378J	5962-8992501EA	54FCT399CT (GEN)	5962-9221206M2A
P54FCT377ATFSMB	5962-9221902MSA	54ALS38B (GEN)	5962-8687101BA	54FCT399CT (GEN)	5962-9221206MEA
P54FCT377ATLMB	5962-9221902M2A	54F38/B2A	5962-86872012A	54FCT399CT (GEN)	5962-9221206MFA
P54FCT377ATLMB01	5962-9221905M2A	54F38/BCA	5962-8687201CA	54FCT399T (GEN)	5962-9221201M2A
P54FCT377CMB	5962-8762701RA	54F38/BDA	5962-8687201DA	54FCT399T (GEN)	5962-9221201MEA
P54FCT377CTCMB	5962-9221903MRA	54F38DMQB	5962-8687201CA	54FCT399T (GEN)	5962-9221202M2A
P54FCT377CTCMB01	5962-9221906MRA	54F38FMQB	5962-8687201DA	54FCT399T (GEN)	5962-9221202MEA
P54FCT377CTFSMB	5962-9221903MSA	54F38LMQB	5962-86872012A	54FCT399T (GEN)	5962-9221202MFA
P54FCT377CTLMB	5962-9221903M2A	SNJ54ALS38BFK	5962-86871012A	54LS399 (GEN)	84154012A
P54FCT377CTLMB01	5962-9221906M2A	SNJ54ALS38BJ	5962-8687101CA	54LS399 (GEN)	8415401FA
P54FCT377FSMB	5962-8762701SA	SNJ54ALS38BW	5962-8687101DA	SNJ54LS399J	8415401EA
P54FCT377LMB	5962-87627012A	54F381 (GEN)	5962-86710012A	HCPL-543K	5962-8957103KPC
P54FCT377TCMB	5962-9221901MRA	54F381 (GEN)	5962-8671001RA	HCPL-543K#100	5962-8957103KYA
P54FCT377TCMB01	5962-9221904MRA	54F381 (GEN)	5962-8671001SA	HCPL-543K#100	5962-8957103KYC
P54FCT377TFSMB	5962-9221901MSA	54HC390/B2A	86009012A	HCPL-543K#200	5962-8957103KPA
P54FCT377TLMB	5962-9221901M2A	54HC390/BEA	8600901EA	HCPL-543K#300	5962-8957103KXA
P54FCT377TLMB01	5962-9221904M2A	CD54HCT390F3A	5962-9098401MEA	54HC4002 (GEN)	8404401AA
QP54ACT377DMQB	5962-8769701MRA	SNJ54LS390J	7802601EA	54HC4002 (GEN)	8404401BA
QP54ACT377DMQB	5962-8769701RA	SNJ54LS390W	7802601FA	54HC4002 (GEN)	8404401DA
QP54ACT377FMQB	5962-8769701BSA	54HC393 (GEN)	8410001BA	CD54HC4002F3A	8404401CA
QP54ACT377FMQB	5962-8769701MSA	CD54HC393F3A	8410001CA	SNJ54HC4002FK	84044012A
QP54ACT377FMQB	5962-8769701SA	CD54HCT393F3A	5962-8989001CA	SNJ54HC4002J	8404401CA
QP54ACT377LMQB	5962-87697012A	SNJ54HC393FK	84100012A	UT54ACS4002PQAH	5962H9659601QCA
QP54ACT377LMQB	5962-8769701M2A	SNJ54HC393J	8410001CA	UT54ACS4002PQCH	5962H9659601QCC
QP54ACTQ377DMQB	5962-9219001MRA	SNJ54HC393W	8410001DA	UT54ACS4002PVAH	5962H9659601VCA
QP54ACTQ377FMQB	5962-9219001MSA	54LS396 (GEN)	5962-9050301EA	UT54ACS4002PVCH	5962H9659601VCC
QP54ACTQ377LMQB	5962-9219001M2A	SNJ54LS396FK	5962-90503012A	UT54ACS4002UQAH	5962H9659601QXA
QP54FCT377ADMQB	5962-8762702RA	54ACT399 (GEN)	5962R9093401Q2A	UT54ACS4002UQCH	5962H9659601QXC
QP54FCT377AFMQB	5962-8762702SA	54ACT399 (GEN)	5962R9093401QEA	UT54ACS4002UVAH	5962H9659601VXA
QP54FCT377ALMQB	5962-87627022A	54ACT399 (GEN)	5962R9093401QFA	UT54ACS4002UVCH	5962H9659601VXC
QP54FCT377DMQB	5962-8762701RA	54ACT399 (GEN)	5962R9093401V2A	UT54ACTS4002PQAH	5962H9659701QCA
QP54FCT377FMQB	5962-8762701SA	54ACT399 (GEN)	5962R9093401VEA	UT54ACTS4002PQCH	5962H9659701QCC
QP54FCT377LMQB	5962-87627012A	54ACT399 (GEN)	5962R9093401VFA	UT54ACTS4002PVAH	5962H9659701VCA
SNJ54ABT377FK	5962-9314801Q2A	54ACT399DMQB	5962-9093401MEA	UT54ACTS4002PVCH	5962H9659701VCC
SNJ54ABT377J	5962-9314801QRA	54ACT399DMQB	5962-9093401QEA	UT54ACTS4002UQAH	5962H9659701QXA
SNJ54HC377FK	5962-87807012A	54ACT399FMQB	5962-9093401MFA	UT54ACTS4002UQCH	5962H9659701QXC
SNJ54HC377J	5962-8780701RA	54ACT399FMQB	5962-9093401QFA	UT54ACTS4002UVAH	5962H9659701VXA
54ACT377 (GEN)	5962-8769701S2A	54ACT399LMQB	5962-9093401M2A	UT54ACTS4002UVCH	5962H9659701VXC
JM54ACT377B2A	5962-8769701B2A	54ACT399LMQB	5962-9093401Q2A	54HCT40102 (GEN)	5962-9057401EA
QP54ACT377LMQB	5962-8769701B2A	54FCT399 (GEN)	5962-89652012A	CD54HC40103F3A	5962-9055301EA
54AC378 (GEN)	5962-9160501M2A	54FCT399 (GEN)	5962-8965201EA	CD54HC4015F3A	5962-8995301EA
54AC378 (GEN)	5962-9160501MEA	54FCT399 (GEN)	5962-8965201FA	54HC4016 (GEN)	5962-88758012A
54AC378 (GEN)	5962-9160501MFA	54FCT399A (GEN)	5962-89652022A	54HC4016 (GEN)	5962-8875801CA
54F378DMQB	5962-8855501EA	54FCT399A (GEN)	5962-8965202EA	54HC4017 (GEN)	86011012A
54F378FMQB	5962-8855501FA	54FCT399A (GEN)	5962-8965202FA	54HCT4017 (GEN)	5962-9059701MEA
54F378LMQB	5962-88555012A	54FCT399AT (GEN)	5962-9221203M2A	CD54HC4017F3A	8601101EA
54LS378 (GEN)	5962-8992501FA	54FCT399AT (GEN)	5962-9221203MEA	54F402 (GEN)	5962-9059301M2A
SL54LS378/B2A	5962-89925012A	54FCT399AT (GEN)	5962-9221204M2A	54F402 (GEN)	5962-9059301MEA
SL54LS378/B2C	5962-89925012C	54FCT399AT (GEN)	5962-9221204MEA	54F402 (GEN)	5962-9059301MFA
SL54LS378/BEA	5962-8992501EA	54FCT399AT (GEN)	5962-9221204MFA	CD54HC4020F3A	8500301EA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
CD54HCT4020F3A	5962-8945801EA	54LVX4245 (GEN)	5962-9860601QLA	54AC520/B2A	5962-9091601B2A
SNJ54HC4020FK	85003012A	54LVXC4245 (GEN)	5962-9862001QKA	54AC520/BRA	5962-9091601BRA
SNJ54HC4020J	8500301EA	54LVXC4245 (GEN)	5962-9862001QLA	54AC520/BSA	5962-9091601BSA
SNJ54HC4020W	8500301FA	54F432 (GEN)	5962-90585013A	54AC520/Q2A	5962-9091601M2A
SNJ54HC4024FK	86012012A	54F432 (GEN)	5962-9058501KA	54AC520/QRA	5962-9091601MRA
SNJ54HC4024J	8601201CA	54F432 (GEN)	5962-9058501LA	54AC520/QSA	5962-9091601MSA
54HC4040 (GEN)	5962-8500401VFA	ADS5444MHFG-V	5962-0720701VXC	54AC520DMQB	5962-9091601MRA
54HC4040 (GEN)	5962-8500401VXA	54LS442 (GEN)	5962-9166101M2A	54AC520FMQB	5962-9091601MSA
54HC4040 (GEN)	8500401XA	54LS442 (GEN)	5962-9166101MRA	54AC520LMQB	5962-9091601M2A
CD54HC4040F3A	8500401EA	54LS442 (GEN)	5962-9166101MSA	54ACT520/B2A	5962-89793012A
CD54HCT4040F3A	5962-8994701MEA	54HC4511 (GEN)	5962-87733012A	54ACT520/BRA	5962-8979301RA
SNJ54HC4040FK	85004012A	CD54HC4511F3A	5962-8773301EA	54ACT520/BSA	5962-8979301SA
SNJ54HC4040J	8500401EA	CD54HC4520F3A	5962-8995401EA	54F520 (GEN)	5962-88712012A
SNJ54HC4040W	8500401FA	54HC4538E/883	5962-86886012A	54F520 (GEN)	5962-8871201RA
CD54HC4046AF3A	5962-8960901EA	54HC4538J/883	5962-8688601EA	54F520 (GEN)	5962-8871201SA
CD54HCT4046AF3A	5962-8875701EA	CD54HC4538F3A	5962-8688601EA	JM54AC520B2A	5962-9091601B2A
54HC4049 (GEN)	5962-86819012A	SNJ5447AJ	5962-9856401QEA	JM54AC520BRA	5962-9091601BRA
54HC4049 (GEN)	5962-8681901FA	SNJ5447AW	5962-9856401QFA	JM54AC520BSA	5962-9091601BSA
54HC4049 (GEN)	5962-8681901VFA	SNJ54LS47J	7604501EA	SNJ54ALS520FK	5962-88691012A
54HC4049 (GEN)	5962-8681901VXA	SNJ54LS47W	7604501FA	SNJ54ALS520J	5962-8869101RA
54HC4049 (GEN)	5962-8681901XA	54FCT480 (GEN)	5962-9079801MLA	54AC521 (GEN)	5962-9098501S2A
CD54HC4049F3A	5962-8681901EA	54FCT480 (GEN)	5962-9079803MLA	54AC521 (GEN)	5962-9098501SRA
54HC4050 (GEN)	5962-86820012A	54FCT480A (GEN)	5962-9079802MLA	54AC521 (GEN)	5962-9098501SSA
54HC4050 (GEN)	5962-8682001FA	MSK 5450-0.7H	5962-1121101HXC	54AC521 (GEN)	5962R9098501B2A
54HC4050 (GEN)	5962-8682001VFA	MSK 5450-0.8H	5962-1121102HXC	54AC521 (GEN)	5962R9098501BRA
54HC4050 (GEN)	5962-8682001VXA	MSK 5450-0.9H	5962-1121103HXC	54AC521 (GEN)	5962R9098501BSA
54HC4050 (GEN)	5962-8682001XA	MSK 5450-1.0H	5962-1121104HXC	54AC521 (GEN)	5962R9098501S2A
CD54HC4050F3A	5962-8682001EA	MSK 5450-1.2H	5962-1121105HXC	54AC521 (GEN)	5962R9098501SRA
CD54HCT4051F3A	5962-9065401MEA	MSK 5450-1.3H	5962-1121106HXC	54AC521 (GEN)	5962R9098501SSA
54HCT4052 (NONE)	5962-9163001MEA	MSK 5450-1.5H	5962-1121107HXC	54AC521/B2A	5962-9098501B2A
CD54HC4052F3A	5962-8855601EA	DM54LS502J/883	5962-9080001MEA	54AC521/BRA	5962-9098501BRA
CD54HC4053F3A	5962-8775401EA	DM54LS502W/883	5962-9080001MFA	54AC521/BSA	5962-9098501BSA
54HCT4059 (GEN)	5962-8862401JA	54F51/B2A	5962-88774012A	54AC521/Q2A	5962-9098501M2A
CD54HC4059BF3A	5962-8944501JA	54F51/BCA	5962-8877401CA	54AC521/QRA	5962-9098501MRA
54HC4060 (GEN)	5962-87680012A	54F51/BDA	5962-8877401DA	54AC521/QSA	5962-9098501MSA
CD54HC4060F3A	5962-8768001EA	54HC51/B2A	5962-9151301M2A	54AC521DMQB	5962-9098501MRA
CD54HCT4060F3A	5962-8977101EA	54HC51/BCA	5962-9151301MCA	54AC521FMQB	5962-9098501MSA
54HC4066/B2A	5962-89507012A	54F518 (GEN)	5962-88710012A	54AC521LMQB	5962-9098501M2A
CD54HC4066F3A	5962-8950701CA	54F518 (GEN)	5962-8871001RA	54ACT521/Q2A	5962-89793022A
54HC4075 (GEN)	5962-8772201DA	54F518 (GEN)	5962-8871001SA	54ACT521/QRA	5962-8979302RA
CD54HC4075BF3A	5962-8772201CA	54F519 (GEN)	5962-88711012A	54ACT521/QSA	5962-8979302SA
CD54HC4075FK	5962-87722012A	54F519 (GEN)	5962-8871101RA	54ACT521DMQB	5962-8979302RA
54HC4078 (GEN)	5962-88574012A	54F519 (GEN)	5962-8871101SA	54ACT521FMQB	5962-8979302SA
54HC4078 (GEN)	5962-8857401CA	54AC520 (GEN)	5962-9091601S2A	54ACT521LMQB	5962-89793022A
54HC42 (GEN)	5962-8682101FA	54AC520 (GEN)	5962-9091601SRA	54F521 (GEN)	5962-9759101QSA
54LS42 (GEN)	76031012A	54AC520 (GEN)	5962-9091601SSA	54F521/Q2A	5962-9759101Q2A
54LS42 (GEN)	7603101EA	54AC520 (GEN)	5962R9091601B2A	54F521/QRA	5962-9759101QRA
54LS42 (GEN)	7603101FA	54AC520 (GEN)	5962R9091601BRA	54F521/QSA	5962-9759101QSA
SNJ54HC42FK	5962-86821012A	54AC520 (GEN)	5962R9091601BSA	54FCT521DMQB	5962-8854301RA
SNJ54HC42J	5962-8682101EA	54AC520 (GEN)	5962R9091601S2A	54FCT521FMQB	5962-8854301SA
54HC423A (GEN)	5962-8949201EA	54AC520 (GEN)	5962R9091601SRA	54FCT521LMQB	5962-88543012A
54LVX4245 (GEN)	5962-9860601QKA	54AC520 (GEN)	5962R9091601SSA	IDT54FCT521ADB	5962-8854302RA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
IDT54FCT521AEB	5962-8854302SA	RHFAC521K01V	5962F9098503VXC	P54FCT534TCMB04	5962-9223604MRA
IDT54FCT521ALB	5962-88543022A	RHFAC521K02V	5962F9098503VXA	P54FCT534TFMSB01	5962-9223601MSA
IDT54FCT521BDB	5962-8854303RA	SNJ54F521FK	5962-9759101Q2A	P54FCT534TFMSB04	5962-9223604MSA
IDT54FCT521BEB	5962-8854303SA	SNJ54F521J	5962-9759101QRA	P54FCT534TLMB01	5962-9223601M2A
IDT54FCT521BLB	5962-88543032A	54ABT533 (GEN)	5962-9584301QSA	P54FCT534TLMB04	5962-9223604M2A
IDT54FCT521DB	5962-8854301RA	54FCT533DMQB	5962-8865101RA	SNJ54ABT534J	5962-9314701QRA
IDT54FCT521EB	5962-8854301SA	54FCT533FMQB	5962-8865101SA	SNJ54ABT534W	5962-9314701QSA
IDT54FCT521LB	5962-88543012A	54FCT533LMQB	5962-88651012A	UT54ACS54PQAH	5962H9653201QCA
JM54AC521B2A	5962-9098501B2A	54HC533 (GEN)	5962-86813012A	UT54ACS54PQCH	5962H9653201QCC
JM54AC521BRA	5962-9098501BRA	CD54HC533F3A	5962-8681301RA	UT54ACS54PVAH	5962H9653201VCA
JM54AC521BSA	5962-9098501BSA	P54FCT533ACMB	5962-8865102RA	UT54ACS54PVCH	5962H9653201VCC
P54FCT521ATCMB03	5962-9223403MRA	P54FCT533AFSMB	5962-8865102SA	UT54ACS54UQAH	5962H9653201QXA
P54FCT521ATCMB04	5962-9223404MRA	P54FCT533ALMB	5962-88651022A	UT54ACS54UQCH	5962H9653201QXC
P54FCT521ATFSMB03	5962-9223403MSA	P54FCT533CMB	5962-8865101RA	UT54ACS54UVAH	5962H9653201VXA
P54FCT521ATFSMB04	5962-9223404MSA	P54FCT533FSMB	5962-8865101SA	UT54ACS54UVCH	5962H9653201VXC
P54FCT521ATLMB03	5962-9223403M2A	P54FCT533LMB	5962-88651012A	UT54ACTS54PQAH	5962H9653301QCA
P54FCT521ATLMB04	5962-9223404M2A	SNJ54ABT533FK	5962-9584301Q2A	UT54ACTS54PQCH	5962H9653301QCC
P54FCT521BTCMB05	5962-9223405MRA	SNJ54ABT533J	5962-9584301QRA	UT54ACTS54PVAH	5962H9653301VCA
P54FCT521BTCMB06	5962-9223406MRA	54ABT534 (GEN)	5962-9314701Q2A	UT54ACTS54PVCH	5962H9653301VCC
P54FCT521BTFSMB05	5962-9223405MSA	54ACT534/Q2A	5962-89658012A	UT54ACTS54UQAH	5962H9653301QXA
P54FCT521BTFSMB06	5962-9223406MSA	54ACT534/QRA	5962-8965801RA	UT54ACTS54UQCH	5962H9653301QXC
P54FCT521BTLMB05	5962-9223405M2A	54ACT534/QSA	5962-8965801SA	UT54ACTS54UVAH	5962H9653301VXA
P54FCT521BTLMB06	5962-9223406M2A	54ACT534DMQB	5962-8965801RA	UT54ACTS54UVCH	5962H9653301VXC
P54FCT521CTCMB07	5962-9223407MRA	54ACT534FMQB	5962-8965801SA	54AC540/Q2A	5962-87695012A
P54FCT521CTCMB08	5962-9223408MRA	54ACT534LMQB	5962-89658012A	54AC540/QRA	5962-8769501RA
P54FCT521CTFSMB07	5962-9223407MSA	54ALS534A (GEN)	5962-88668012A	54AC540/QSA	5962-8769501SA
P54FCT521CTFSMB08	5962-9223408MSA	54ALS534A (GEN)	5962-8866801RA	54AC540DMQB	5962-8769501RA
P54FCT521CTLMB07	5962-9223407M2A	54ALS534A (GEN)	5962-8866801SA	54AC540FMQB	5962-8769501SA
P54FCT521CTLMB08	5962-9223408M2A	54BCT534 (GEN)	5962-9074701M2A	54AC540LMQB	5962-87695012A
P54FCT521TCMB	5962-9223401MRA	54BCT534 (GEN)	5962-9074701MRA	54AHC540 (GEN)	5962-9685001QRA
P54FCT521TCMB02	5962-9223402MRA	54BCT534 (GEN)	5962-9074701MSA	54AHCT540 (GEN)	5962-9685101Q2A
P54FCT521TFMSB	5962-9223401MSA	54FCT534CT (GEN)	5962-9223603M2A	54AHCT540 (GEN)	5962-9685101QSA
P54FCT521TFMSB02	5962-9223402MSA	54FCT534CT (GEN)	5962-9223603MRA	54BCT540 (GEN)	5962-9074801M2A
P54FCT521TLMB	5962-9223401M2A	54FCT534CT (GEN)	5962-9223603MSA	54FCT540DMQB	5962-8976701RA
P54FCT521TLMB02	5962-9223402M2A	54FCT534CT (GEN)	5962-9223606M2A	54FCT540FMQB	5962-8976701SA
PF54FCT521ACMB	5962-8854302RA	54FCT534CT (GEN)	5962-9223606MRA	54FCT540LMQB	5962-89767012A
PF54FCT521AFSMB	5962-8854302SA	54HC534/B2A	5962-86814012A	54LVC540A (GEN)	5962-9759401Q2A
PF54FCT521ALMB	5962-88543022A	CD54HC534F3A	5962-8681401RA	54LVC540A (GEN)	5962-9759401QRA
PF54FCT521BCMB	5962-8854303RA	CD54HCT534F3A	5962-8984901RA	54LVC540A (GEN)	5962-9759401QSA
PF54FCT521BFSMB	5962-8854303SA	P54FCT534ACMB	5962-8865502RA	CY54FCT540CTDMB	5962-9222006MRA
PF54FCT521BLMB	5962-88543032A	P54FCT534AFSMB	5962-8865502SA	P54FCT540ATCMB	5962-9222003MRA
PF54FCT521CMB	5962-8854301RA	P54FCT534ALMB	5962-88655022A	P54FCT540ATCMB04	5962-9222004MRA
PF54FCT521FSMB	5962-8854301SA	P54FCT534ATCMB02	5962-9223602MRA	P54FCT540ATFSMB	5962-9222003MSA
PF54FCT521LMB	5962-88543012A	P54FCT534ATCMB05	5962-9223605MRA	P54FCT540ATFSMB04	5962-9222004MSA
QP54FCT521AFMQB	5962-8854302SA	P54FCT534ATFSMB02	5962-9223602MSA	P54FCT540ATLMB	5962-9222003M2A
QP54FCT521ALMQB	5962-88543022A	P54FCT534ATFSMB05	5962-9223605MSA	P54FCT540ATLMB04	5962-9222004M2A
QP54FCT521BDMQB	5962-8854303RA	P54FCT534ATLMB02	5962-9223602M2A	P54FCT540CTCMB	5962-9222005MRA
QP54FCT521BFMQB	5962-8854303SA	P54FCT534ATLMB05	5962-9223605M2A	P54FCT540CTCMB06	5962-9222006MRA
QP54FCT521BLMQB	5962-88543032A	P54FCT534CMB	5962-8865501RA	P54FCT540CTFSMB	5962-9222005MSA
QP54FCT521DMQB	5962-8854301RA	P54FCT534FSMB	5962-8865501SA	P54FCT540CTFSMB06	5962-9222006MSA
QP54FCT521FMQB	5962-8854301SA	P54FCT534LMB	5962-88655012A	P54FCT540CTLMB	5962-9222005M2A
QP54FCT521LMQB	5962-88543012A	P54FCT534TCMB01	5962-9223601MRA	P54FCT540CTLMB06	5962-9222006M2A

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
P54FCT540TCMB	5962-9222001MRA	54AC541WG-QML	5962-8870601ZA	P54FCT541CTCMB06	5962-9223706MRA
P54FCT540TCMB02	5962-9222002MRA	54ACT541 (GEN)	5962-8979501QXA	P54FCT541CTFSMB	5962-9223705MSA
P54FCT540TFSMB	5962-9222001MSA	54ACT541 (GEN)	5962-8979501VXA	P54FCT541CTFSMB06	5962-9223706MSA
P54FCT540TFSMB	5962-9222002MSA	54ACT541 (GEN)	5962-8979502QXA	P54FCT541CTLMB	5962-9223705M2A
P54FCT540TLMB	5962-9222001M2A	54ACT541 (GEN)	5962-8979502VXA	P54FCT541CTLMB06	5962-9223706M2A
P54FCT540TLMB02	5962-9222002M2A	54ACTQ541 (GEN)	5962-9682901V2A	P54FCT541FSMB	5962-8976601SA
PF54FCT540ACMB	5962-8976702RA	54ACTQ541 (GEN)	5962-9682901VRA	P54FCT541LMB	5962-89766012A
PF54FCT540AFSMB	5962-8976702SA	54ACTQ541 (GEN)	5962-9682901VSA	P54FCT541TCMB	5962-9223701MRA
PF54FCT540ALMB	5962-89767022A	54ACTQ541/Q2A	5962-9682901Q2A	P54FCT541TCMB02	5962-9223702MRA
PF54FCT540CMB	5962-8976701RA	54ACTQ541/QRA	5962-9682901QRA	P54FCT541TFSMB	5962-9223701MSA
PF54FCT540FSMB	5962-8976701SA	54ACTQ541/QSA	5962-9682901QSA	P54FCT541TFSMB02	5962-9223702MSA
PF54FCT540LMB	5962-89767012A	54ACTQ541DMQB	5962-9682901QRA	P54FCT541TLMB	5962-9223701M2A
RHF54AC540K01V	5962F8769502VXC	54ACTQ541FMQB	5962-9682901QSA	P54FCT541TLMB02	5962-9223702M2A
RHF54AC540K02V	5962F8769502VXA	54ACTQ541LMQB	5962-9682901Q2A	RHFAC541K01Q	5962F8870601XC
SL54LS540/B2A	84155012A	54ACTS541 (GEN)	5962H9659501QRA	RHFAC541K01V	5962F8870601VXC
SL54LS540/B2C	84155012C	54ACTS541 (GEN)	5962H9659501QXA	RHFAC541K02Q	5962F8870601XA
SL54LS540/BRA	8415501RA	54ACTS541 (GEN)	5962H9659501VRA	RHFAC541K02V	5962F8870601VXA
SL54LS540/BSA	8415501SA	54ACTS541 (GEN)	5962H9659501VXA	RHFAC541K03V	5962F8870601VYC
SNJ54AHC540FK	5962-9685001Q2A	54ALS541 (GEN)	5962-89602012A	RHFAC541K04V	5962F8870601VYA
SNJ54AHC540W	5962-9685001QSA	54BCT541 (GEN)	5962-9074901MSA	RHFACT541D03Q	5962F8979502QRC
SNJ54AHCT540J	5962-9685101QRA	54F541 (GEN)	5962-9175301MSA	RHFACT541D03V	5962F8979502VRC
SNJ54BCT540J	5962-9074801MRA	54FCT541DMQB	5962-8976601RA	RHFACT541D04Q	5962F8979502QRA
SNJ54BCT540W	5962-9074801MSA	54FCT541FMQB	5962-8976601SA	RHFACT541D04V	5962F8979502VRA
SNJ54LS540FK	84155012A	54FCT541LMQB	5962-89766012A	RHFACT541K01Q	5962F8979502QXC
SNJ54LS540J	8415501RA	ACT541DIE2V	5962F8979502V9A	RHFACT541K01V	5962F8979502VXC
SNJ54LS540W	8415501SA	CY54FCT541TDMB	5962-9223701MRA	RHFACT541K02Q	5962F8979502QXA
UT54ACS540PQAH	5962H9659201QCA	CY54FCT541TLMB	5962-9223701M2A	RHFACT541K02V	5962F8979502VXA
UT54ACS540PQCH	5962H9659201QCC	IDT54FCT541ADB	5962-8976602RA	SL54LS541/B2A	84156012A
UT54ACS540PVAH	5962H9659201VCA	IDT54FCT541AEB	5962-8976602SA	SL54LS541/B2C	84156012C
UT54ACS540PVCH	5962H9659201VCC	IDT54FCT541ALB	5962-89766022A	SL54LS541/BSA	8415601SA
UT54ACS540UQAH	5962H9659201QXA	IDT54FCT541ATDB	5962-9223703MRA	SNJ54ABT541FK	5962-9471801Q2A
UT54ACS540UQCH	5962H9659201QXC	IDT54FCT541ATEB	5962-9223703MSA	SNJ54ABT541J	5962-9471801QRA
UT54ACS540UVAH	5962H9659201VXA	IDT54FCT541ATLB	5962-9223703M2A	SNJ54ABT541W	5962-9471801QSA
UT54ACS540UVCH	5962H9659201VXC	IDT54FCT541CTDB	5962-9223705MRA	SNJ54AHC541FK	5962-9685701Q2A
UT54ACTS540PQAH	5962H9659301QRA	IDT54FCT541CTEB	5962-9223705MSA	SNJ54AHC541J	5962-9685701QRA
UT54ACTS540PQCH	5962H9659301QRC	IDT54FCT541CTLB	5962-9223705M2A	SNJ54AHC541W	5962-9685701QSA
UT54ACTS540PVAH	5962H9659301VRA	IDT54FCT541DB	5962-8976601RA	SNJ54AHCT541FK	5962-9685801Q2A
UT54ACTS540PVCH	5962H9659301VRC	IDT54FCT541EB	5962-8976601SA	SNJ54AHCT541J	5962-9685801QRA
UT54ACTS540UQAH	5962H9659301QXA	IDT54FCT541LB	5962-89766012A	SNJ54AHCT541W	5962-9685801QSA
UT54ACTS540UQCH	5962H9659301QXC	IDT54FCT541TDB	5962-9223701MRA	SNJ54ALS541J	5962-8960201RA
UT54ACTS540UVAH	5962H9659301VXA	IDT54FCT541TEB	5962-9223701MSA	SNJ54ALS541W	5962-8960201SA
UT54ACTS540UVCH	5962H9659301VXC	IDT54FCT541TLB	5962-9223701M2A	SNJ54BCT541FK	5962-9074901M2A
54AC541 (GEN)	5962-8870601VSA	P54FCT541ACMB	5962-8976602RA	SNJ54BCT541J	5962-9074901MRA
54AC541 (GEN)	5962-8870601VXA	P54FCT541AFSMB	5962-8976602SA	SNJ54F541FK	5962-9175301M2A
54AC541 (GEN)	5962-8870601XA	P54FCT541ALMB	5962-89766022A	SNJ54F541J	5962-9175301MRA
54AC541/Q2A	5962-88706012A	P54FCT541ATCMB	5962-9223703MRA	SNJ54LS541FK	84156012A
54AC541/QRA	5962-8870601RA	P54FCT541ATCMB04	5962-9223704MRA	SNJ54LS541W	8415601SA
54AC541/QSA	5962-8870601SA	P54FCT541ATFSMB	5962-9223703MSA	SNJ54LVC541AFK	5962-9759501Q2A
54AC541/QZA	5962-8870601ZA	P54FCT541ATFSMB04	5962-9223704MSA	SNJ54LVC541AJ	5962-9759501QRA
54AC541DMQB	5962-8870601RA	P54FCT541ATLMB	5962-9223703M2A	SNJ54LVC541AW	5962-9759501QSA
54AC541FMQB	5962-8870601SA	P54FCT541ATLMB04	5962-9223704M2A	UT54ACS541PQAH	5962H9659401QRA
54AC541LMQB	5962-88706012A	P54FCT541CMB	5962-8976601RA	UT54ACS541PQCH	5962H9659401QRC

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
UT54ACS541PVAH	5962H9659401VRA	PF54FCT543AFSMB	5962-8973002LA	54ACQ573DMQB	5962-9218001MRA
UT54ACS541PVCH	5962H9659401VRC	PF54FCT543ALMB	5962-89730023A	54ACQ573FMQB	5962-9218001MSA
UT54ACS541UQAH	5962H9659401QXA	PF54FCT543CMB	5962-8973001KA	54ACQ573LMQB	5962-9218001M2A
UT54ACS541UQCH	5962H9659401QXC	PF54FCT543FSMB	5962-8973001LA	54ACT573 (GEN)	5962R87664012A
UT54ACS541UVAH	5962H9659401VXA	PF54FCT543LMB	5962-89730013A	54ACT573 (GEN)	5962R8766401RA
UT54ACS541UVCH	5962H9659401VXC	SNJ54ABT543AFK	5962-9231402Q3A	54ACT573 (GEN)	5962R8766401SA
UT54ACTS541EUQAG	5962G9659503QXA	SNJ54ABT543AJT	5962-9231402QLA	54ACT573/Q2A	5962-87664012A
UT54ACTS541EUQAH	5962H9659502QXA	SNJ54ABT543AW	5962-9231402QKA	54ACT573/QRA	5962-8766401RA
UT54ACTS541EUQCG	5962G9659503QXC	SNJ54BCT543FK	5962-9087001M3A	54ACT573/QSA	5962-8766401SA
UT54ACTS541EUQCH	5962H9659502QXC	SNJ54BCT543JT	5962-9087001MLA	54ACT573DMQB	5962-8766401RA
UT54ACTS541EUVAG	5962G9659503VXA	SNJ54BCT543W	5962-9087001MKA	54ACT573FMQB	5962-8766401SA
UT54ACTS541EUVAH	5962H9659502VXA	54ABT543 (GEN)	5962-9231401M3A	54ACT573LMQB	5962-87664012A
UT54ACTS541EUVCG	5962G9659503VXC	54BCT544 (GEN)	5962-9155401M3A	54ACTQ573/Q2A	5962-9219401M2A
UT54ACTS541EUVCH	5962H9659502VXC	54BCT544 (GEN)	5962-9155401MKA	54ACTQ573/QRA	5962-9219401MRA
UT54ACTS541UQAG	5962G9659501QXA	54BCT544 (GEN)	5962-9155401MLA	54ACTQ573/QSA	5962-9219401MSA
UT54ACTS541UQCG	5962G9659501QXC	54F544 (GEN)	5962-89555013A	54ACTQ573DMQB	5962-9219401MRA
UT54ACTS541UVAG	5962G9659501VXA	54F544 (GEN)	5962-8955501KA	54ACTQ573FMQB	5962-9219401MSA
UT54ACTS541UVCG	5962G9659501VXC	54F544 (GEN)	5962-8955501LA	54ACTQ573LMQB	5962-9219401M2A
CY54FCT541CTDMB	5962-9223705MRA	54ALS561A (GEN)	83022032A	54AHCT573 (GEN)	5962-9685501Q2A
P54FCT541CTCMB	5962-9223705MRA	54ALS561A (GEN)	8302203RA	54BCT573 (GEN)	5962-9583501Q2A
54ABT543 (GEN)	5962-9231401MKA	54ALS561A (GEN)	8302203SA	54BCT573 (GEN)	5962-9583501QRA
54ABT543 (GEN)	5962-9231401MLA	54ACT563/Q2A	5962-89556012A	54BCT573 (GEN)	5962-9583501QSA
54ABT543E-QML	5962-9231401Q3A	54ACT563/QRA	5962-8955601RA	54F573/Q2A	5962-9173801M2A
54ABT543J-QML	5962-9231401QLA	54ACT563/QSA	5962-8955601SA	54F573/QRA	5962-9173801MRA
54ABT543W-QML	5962-9231401QKA	54ACT563DMQB	5962-8955601RA	54F573/QSA	5962-9173801MSA
54F543 (GEN)	5962-9063901M3A	54ACT563FMQB	5962-8955601SA	54HC573A (GEN)	5962-8512801VSA
54F543 (GEN)	5962-9063901MKA	54ACT563LMQB	5962-89556012A	CD54HCT573F3A	5962-8685601RA
54F543 (GEN)	5962-9063901MLA	54ALS563B (GEN)	5962-88700012A	CY54FCT573ATLMB	5962-9223802M2A
CY54FCT543TDMB	5962-9222101MLA	54ALS563B (GEN)	5962-8870001SA	CY54FCT573TDMB	5962-9223801MRA
CY54FCT543TLMB	5962-9222101M3A	54HC563/B2A	5962-86062012A	IDT54FCT573ATDB	5962-9223802MRA
IDT54FCT543ADB	5962-8973002LA	54HC563/BSA	5962-8606201SA	IDT54FCT573ATLB	5962-9223802M2A
IDT54FCT543AEB	5962-8973002KA	CD54HC563F3A	5962-8606201RA	IDT54FCT573CTDB	5962-9223803MRA
IDT54FCT543ALB	5962-89730023A	SNJ54ALS563BJ	5962-8870001RA	IDT54FCT573CTLB	5962-9223803M2A
IDT54FCT543DB	5962-8973001LA	54ACT564/Q2A	5962-89557012A	IDT54FCT573TDB	5962-9223801MRA
IDT54FCT543EB	5962-8973001KA	54ACT564/QRA	5962-8955701RA	IDT54FCT573TLB	5962-9223801M2A
IDT54FCT543LB	5962-89730013A	54ACT564/QSA	5962-8955701SA	P54FCT573ACMB	5962-8863902RA
P54FCT543ATCMB	5962-9222102MKA	54ACT564DMQB	5962-8955701RA	P54FCT573AFSMB	5962-8863902SA
P54FCT543ATFSMB	5962-9222102MLA	54ACT564FMQB	5962-8955701SA	P54FCT573ALMB	5962-88639022A
P54FCT543ATFSMB05	5962-9222105MLA	54ACT564LMQB	5962-89557012A	P54FCT573ATCMB	5962-9223802MRA
P54FCT543ATLMB	5962-9222102M3A	54ALS564B (GEN)	5962-88728012A	P54FCT573ATCMB05	5962-9223805MRA
P54FCT543ATLMB05	5962-9222105M3A	54ALS564B (GEN)	5962-8872801SA	P54FCT573ATFSMB	5962-9223802MSA
P54FCT543CTCMB	5962-9222103MKA	54HC564 (GEN)	5962-86815012A	P54FCT573ATLMB	5962-9223802M2A
P54FCT543CTFSMB	5962-9222103MLA	CD54HC564F3A	5962-8681501RA	P54FCT573ATLMB05	5962-9223805M2A
P54FCT543CTFSMB06	5962-9222106MLA	SNJ54ALS564BJ	5962-8872801RA	P54FCT573CMB	5962-8863901RA
P54FCT543CTLMB	5962-9222103M3A	54ALS569A (GEN)	8302502SA	P54FCT573CTCMB	5962-9223803MRA
P54FCT543CTLMB06	5962-9222106M3A	SNJ54ALS569AFK	83025022A	P54FCT573CTCMB06	5962-9223806MRA
P54FCT543TCMB	5962-9222101MKA	SNJ54ALS569AJ	8302502RA	P54FCT573CTFSMB	5962-9223803MSA
P54FCT543TFSMB	5962-9222101MLA	54ABT573E-QML	5962-9321901Q2A	P54FCT573CTLMB	5962-9223803M2A
P54FCT543TFSMB04	5962-9222104MLA	54ABT573J-QML	5962-9321901QRA	P54FCT573CTLMB06	5962-9223806M2A
P54FCT543TLMB	5962-9222101M3A	54ABT573W-QML	5962-9321901QSA	P54FCT573FSMB	5962-8863901SA
P54FCT543TLMB04	5962-9222104M3A	54AC573 (GEN)	5962-0152401QXA	P54FCT573LMB	5962-88639012A
PF54FCT543ACMB	5962-8973002KA	54AC573 (GEN)	5962-0152401VXA	P54FCT573TCMB	5962-9223801MRA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
P54FCT573TCMB04	5962-9223804MRA	54ACT574 (GEN)	5962R8960101SSA	P54FCT574ATFSMB	5962-9222203MSA
P54FCT573TFMSMB	5962-9223801MSA	54ACT574 (GEN)	5962R8960101SZA	P54FCT574ATLMB03	5962-9222203M2A
P54FCT573TLMB	5962-9223801M2A	54ACT574/B2A	5962-8960101B2A	P54FCT574ATLMB04	5962-9222204M2A
P54FCT573TLMB04	5962-9223804M2A	54ACT574/BRA	5962-8960101BRA	P54FCT574CMB	5962-8951301RA
QP54FCT573ADQMB	5962-8863902RA	54ACT574/BSA	5962-8960101BSA	P54FCT574CTCMB	5962-9222205MRA
QP54FCT573AFQMB	5962-8863902SA	54ACT574/M2A	5962-8960101M2A	P54FCT574CTCMB06	5962-9222206MRA
QP54FCT573ALMQB	5962-88639022A	54ACT574/MRA	5962-8960101MRA	P54FCT574CTFSMB	5962-9222205MSA
QP54FCT573DMQB	5962-8863901RA	54ACT574/MSA	5962-8960101MSA	P54FCT574CTLMB	5962-9222205M2A
QP54FCT573FMQB	5962-8863901SA	54ACT574/Q2A	5962-89601012A	P54FCT574CTLMB06	5962-9222206M2A
QP54FCT573LMQB	5962-88639012A	54ACT574/QRA	5962-8960101RA	P54FCT574FMB	5962-8951301SA
SNJ54ABT573FK	5962-9321901Q2A	54ACT574/QSA	5962-8960101SA	P54FCT574LMB	5962-89513012A
SNJ54ABT573J	5962-9321901QRA	54ACT574DMQB	5962-8960101MRA	P54FCT574TCMB	5962-9222201MRA
SNJ54ABT573W	5962-9321901QSA	54ACT574DMQB	5962-8960101RA	P54FCT574TCMB	5962-9222202MRA
SNJ54ACT573FK	5962-87664012A	54ACT574FMQB	5962-8960101MSA	P54FCT574TFMSMB	5962-9222201MSA
SNJ54ACT573J	5962-8766401RA	54ACT574FMQB	5962-8960101SA	P54FCT574TLMB	5962-9222201M2A
SNJ54ACT573W	5962-8766401SA	54ACT574LMQB	5962-89601012A	P54FCT574TLMB	5962-9222202M2A
SNJ54AHC573FK	5962-9685601Q2A	54ACT574LMQB	5962-8960101M2A	QP54ACT574B2A	5962-8960101B2A
SNJ54AHC573J	5962-9685601QRA	54BCT574 (GEN)	5962-9583601Q2A	QP54ACT574BRA	5962-8960101BRA
SNJ54AHC573W	5962-9685601QSA	54BCT574 (GEN)	5962-9583601QSA	QP54ACT574BSA	5962-8960101BSA
SNJ54AHCT573J	5962-9685501QRA	54F574DMQB	5962-8972401RA	QP54ACT574DMQB	5962-8960101MRA
SNJ54AHCT573W	5962-9685501QSA	54F574FMQB	5962-8972401SA	QP54ACT574DMQB	5962-8960101RA
SNJ54ALS573CFK	84012012A	54F574LMQB	5962-89724012A	QP54ACT574FMQB	5962-8960101MSA
SNJ54ALS573CJ	8401201RA	54FCT574DMQB	5962-8951301RA	QP54ACT574FMQB	5962-8960101SA
SNJ54ALS573CW	8401201SA	54FCT574FMQB	5962-8951301SA	QP54ACT574LMQB	5962-89601012A
SNJ54HC573AFK	85128012A	54FCT574LMQB	5962-89513012A	QP54ACT574LMQB	5962-8960101M2A
SNJ54HC573AJ	8512801RA	54LVC574A (GEN)	5962-9757601Q2A	QP54FCT574ADMQB	5962-8951302RA
SNJ54HC573AW	8512801SA	54LVTH574A (GEN)	5962-9583201QRA	QP54FCT574AFMQB	5962-8951302SA
SNJ54LVC573AFK	5962-9757501Q2A	54LVTH574A (GEN)	5962-9583201VRA	QP54FCT574ALMQB	5962-89513022A
SNJ54LVC573AJ	5962-9757501QRA	CD54HCT574F3A	5962-8974201RA	QP54FCT574DMQB	5962-8951301RA
SNJ54LVC573AW	5962-9757501QSA	CY54FCT574ATDMB	5962-9222203MRA	QP54FCT574FMQB	5962-8951301SA
SNJ54LVTH573FK	5962-9583101Q2A	CY54FCT574ATLMB	5962-9222203M2A	QP54FCT574LMQB	5962-89513012A
SNJ54LVTH573J	5962-9583101QRA	CY54FCT574CTDMB	5962-9222205MRA	RHFAC574D03Q	5962F9677302QRC
SNJ54LVTH573W	5962-9583101QSA	IDT54FCT574ADB	5962-8951302RA	RHFAC574D03V	5962F9677302VRC
SNV54HC573AJ	5962-8512801VRA	IDT54FCT574AEB	5962-8951302SA	RHFAC574D04Q	5962F9677302QRA
54ABT574DMQB	5962-9322001MRA	IDT54FCT574ALB	5962-89513022A	RHFAC574D04V	5962F9677302VRA
54ABT574E-QML	5962-9322001Q2A	IDT54FCT574ATDB	5962-9222203MRA	RHFAC574K01V	5962F9677302VXC
54ABT574FMQB	5962-9322001MSA	IDT54FCT574ATLB	5962-9222203M2A	RHFAC574K02Q	5962F9677302QXA
54ABT574J-QML	5962-9322001QRA	IDT54FCT574CTDB	5962-9222205MRA	RHFAC574K02Q	5962F9677302QXC
54ABT574LMQB	5962-9322001M2A	IDT54FCT574CTLB	5962-9222205M2A	RHFAC574K02V	5962F9677302VXA
54ABT574W-QML	5962-9322001QSA	IDT54FCT574DB	5962-8951301RA	RHFAC574K03V	5962F9677302VYC
54AC574 (GEN)	5962-9677301QZA	IDT54FCT574EB	5962-8951301SA	RHFAC574K04V	5962F9677302VYA
54AC574 (GEN)	5962-9677302QXA	IDT54FCT574LB	5962-89513012A	RHFAC574K01Q	5962F8960102QXC
54AC574 (GEN)	5962-9677302VXA	IDT54FCT574TDB	5962-9222201MRA	RHFAC574K01V	5962F8960102VXC
54ACT574 (GEN)	5962-8960101SRA	IDT54FCT574TLB	5962-9222201M2A	RHFAC574K02Q	5962F8960102QXA
54ACT574 (GEN)	5962-8960101SSA	JM54ACT574B2A	5962-8960101B2A	RHFAC574K02V	5962F8960102VXA
54ACT574 (GEN)	5962-8960102QXA	JM54ACT574BRA	5962-8960101BRA	SNJ54ABT574FK	5962-9322001Q2A
54ACT574 (GEN)	5962-8960102VXA	JM54ACT574BSA	5962-8960101BSA	SNJ54ABT574J	5962-9322001QRA
54ACT574 (GEN)	5962R8960101B2A	P54FCT574ACMB	5962-8951302RA	SNJ54ABT574W	5962-9322001QSA
54ACT574 (GEN)	5962R8960101BRA	P54FCT574AFMB	5962-8951302SA	SNJ54AC574FK	5962-9677301Q2A
54ACT574 (GEN)	5962R8960101BSA	P54FCT574ALMB	5962-89513022A	SNJ54AC574J	5962-9677301QRA
54ACT574 (GEN)	5962R8960101S2A	P54FCT574ATCMB03	5962-9222203MRA	SNJ54AC574W	5962-9677301QSA
54ACT574 (GEN)	5962R8960101SRA	P54FCT574ATCMB04	5962-9222204MRA	SNJ54AHC574FK	5962-9685401Q2A



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SNJ54AHC574J	5962-9685401QRA	54LS598 (GEN)	5962-8975601SA	54ALS640B (GEN)	5962-8872701SA
SNJ54AHC574W	5962-9685401QSA	HI1-546/883	5962-8513101XA	54AS640 (GEN)	5962-89553012A
SNJ54AHCT574FK	5962-9685301Q2A	HI4-546/883	5962-85131013A	54FCT640AT (GEN)	5962-9224303M2A
SNJ54AHCT574J	5962-9685301QRA	HS0-0546RH-Q	5962D9569301V9A	54FCT640AT (GEN)	5962-9224303MRA
SNJ54AHCT574W	5962-9685301QSA	HS-0546 (GEN)	5962D9569301VXA	54FCT640CT (GEN)	5962-9224305M2A
SNJ54ALS574BFB	84001012A	HS1B-0546RH-Q	5962D9569301VXC	54FCT640CT (GEN)	5962-9224305MRA
SNJ54ALS574BJ	8400101RA	54BCT620A (GEN)	5962-9075001MSA	54FCT640T (GEN)	5962-9224301M2A
SNJ54ALS574BW	8400101SA	54F620 (GEN)	5962-89466012A	54FCT640T (GEN)	5962-9224301MRA
SNJ54BCT574J	5962-9583601QRA	54F620 (GEN)	5962-8946601RA	54HC640 (GEN)	5962-87809012A
SNJ54LVC574AJ	5962-9757601QRA	54F620 (GEN)	5962-8946601SA	54LS640 (GEN)	5962-8416101VRA
SNJ54LVC574AW	5962-9757601QSA	SNJ54BCT620AFK	5962-9075001M2A	54LS640 (GEN)	5962-8416101VSA
SNJ54LVTH574AFK	5962-9583201Q2A	SNJ54BCT620AJ	5962-9075001MRA	CD54HCT640F3A	5962-8974001RA
SNJ54LVTH574AW	5962-9583201QSA	54F621 (GEN)	5962-90506022A	P54FCT640ACMB	5962-8865402RA
SNV54LVTH574AW	5962-9583201VSA	54F621 (GEN)	5962-9050602RA	P54FCT640AFSMB	5962-8865402SA
54ACT574 (GEN)	5962-8960101S2A	54F621 (GEN)	5962-9050602SA	P54FCT640ALMB	5962-88654022A
54AS575 (GEN)	5962-9754901Q3A	54FCT621AT (GEN)	5962-9224002M2A	P54FCT640ATCMB	5962-9224304MRA
54AS575 (GEN)	5962-9754901QKA	54FCT621AT (GEN)	5962-9224002MRA	P54FCT640ATFSMB	5962-9224304MSA
54AS575 (GEN)	5962-9754901QLA	54FCT621AT (GEN)	5962-9224002MSA	P54FCT640ATLMB	5962-9224304M2A
54ALS576B (GEN)	8400102SA	54FCT621T (GEN)	5962-9224001M2A	P54FCT640CMB	5962-8865401RA
SNJ54ALS576BFB	84001022A	54FCT621T (GEN)	5962-9224001MRA	P54FCT640CMB03	5962-8865403RA
SNJ54ALS576BJ	8400102RA	54FCT621T (GEN)	5962-9224001MSA	P54FCT640CMB03C	5962-8865403RC
54F579 (GEN)	5962-89545012A	54ABT623A (GEN)	5962-9461801QSA	P54FCT640CTCMB	5962-9224306MRA
54F579 (GEN)	5962-8954501RA	54BCT623 (GEN)	5962-9094001M2A	P54FCT640CTFSMB	5962-9224306MSA
54F579 (GEN)	5962-8954501SA	54BCT623 (GEN)	5962-9094001MSA	P54FCT640CTLMB	5962-9224306M2A
SNJ54ALS580BFB	84012022A	54F623 (GEN)	5962-90506012A	P54FCT640FSMB	5962-8865401SA
SNJ54ALS580BJ	8401202RA	54F623 (GEN)	5962-9050601RA	P54FCT640FSMB03	5962-8865403SA
SNJ54ALS580BW	8401202SA	54HC623 (GEN)	5962-89989012A	P54FCT640FSMB03C	5962-8865403SC
54CDC586 (GEN)	5962-9754001QXA	54HC623 (GEN)	5962-8998901RA	P54FCT640LMB	5962-88654012A
54LS590 (GEN)	5962-8751701FA	P54FCT623ATCMB	5962-9224202MRA	P54FCT640LMB03	5962-88654032A
SNJ54HC590AFK	5962-89603012A	P54FCT623ATFSMB	5962-9224202MSA	P54FCT640LMB03C	5962-88654032C
SNJ54HC590AJ	5962-8960301EA	P54FCT623ATLMB	5962-9224202M2A	P54FCT640TCMB	5962-9224302MRA
SNJ54HC590AW	5962-8960301FA	P54FCT623CTCMB	5962-9224203MRA	P54FCT640TFSMB	5962-9224302MSA
SNJ54LS590FK	5962-87517012A	P54FCT623CTFSMB	5962-9224203MSA	P54FCT640TLMB	5962-9224302M2A
SNJ54LS590J	5962-8751701EA	P54FCT623CTLMB	5962-9224203M2A	SL54LS640/B2A	84161012A
54LS592 (GEN)	5962-87621012A	P54FCT623TCMB	5962-9224201MRA	SL54LS640/B2C	84161012C
SNJ54LS592J	5962-8762101EA	P54FCT623TFSMB	5962-9224201MSA	SL54LS640/BRA	8416101RA
SNJ54LS592W	5962-8762101FA	P54FCT623TLMB	5962-9224201M2A	SL54LS640/BSA	8416101SA
54LS595 (GEN)	5962-86717012A	SNJ54ABT623AFK	5962-9461801Q2A	SNJ54ALS640BFB	5962-88727012A
SNJ54HC595FK	5962-86816012A	SNJ54ABT623AJ	5962-9461801QRA	SNJ54ALS640BJ	5962-8872701RA
SNJ54HC595J	5962-8681601EA	SNJ54BCT623J	5962-9094001MRA	SNJ54AS640J	5962-8955301RA
SNJ54LS595J	5962-8671701EA	SNJ54F623W	5962-9050601SA	SNJ54AS640W	5962-8955301SA
SNJ54LS595W	5962-8671701FA	SNJ54LS628FK	5962-9204601M2A	SNJ54BCT640FK	5962-9075201M2A
SNV54HC595J	5962-8681601VEA	SNJ54LS628J	5962-9204601MCA	SNJ54BCT640J	5962-9075201MRA
SNV54HC595W	5962-8681601VFA	SNJ54LS629FK	81021012A	SNJ54BCT640W	5962-9075201MSA
54HC597 (GEN)	5962-86817012A	SNJ54LS629J	8102101EA	SNJ54HC640J	5962-8780901RA
54HCT597 (GEN)	5962-8974101EA	SNJ54LS629W	8102101FA	SNJ54LS640FK	84161012A
CD54HC597F3A	5962-8681701EA	ADS5463MHFG-RHA	5962R0720802VXC	SNJ54LS640J	8416101RA
SNJ54LS597FK	5962-89444012A	ADS5463MHFG-V	5962-0720801VXC	SL54LS642/B2A	5962-89748012A
SNJ54LS597J	5962-8944401EA	UT54ACS630UCA	5962R0623901QXA	SL54LS642/B2C	5962-89748012C
SNJ54LS597W	5962-8944401FA	UT54ACS630UCA	5962R0623901VXA	SL54LS642/BRA	5962-8974801RA
54LS598 (GEN)	5962-89756012A	UT54ACS630UCC	5962R0623901QXC	SL54LS642/BSA	5962-8974801SA
54LS598 (GEN)	5962-8975601RA	UT54ACS630UCC	5962R0623901VXC	54ALS645A (GEN)	84033012A

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
P54FCT645ACMB	5962-8865302RA	54F646FMQB	5962-8975401KA	SNJ54BCT646FK	5962-9155501M3A
P54FCT645AFSMB	5962-8865302SA	54F646LMQB	5962-89754013A	SNJ54BCT646JT	5962-9155501MLA
P54FCT645ALMB	5962-88653022A	54F646SDMQB	5962-8975401LA	SNJ54LVC646AW	5962-9762601QKA
P54FCT645ATCMB05	5962-9224405MRA	54LVC646A (GEN)	5962-9762601Q3A	SNJ54LVT646FK	5962-9674801Q3A
P54FCT645ATCNB02	5962-9224402MRA	54LVC646A (GEN)	5962-9762601QLA	SNV54LVC646AW	5962-9762601VKA
P54FCT645ATFSMB02	5962-9224402MSA	54LVT646 (GEN)	5962-9674801QKA	54BCT648/B3A	5962-9172401M3A
P54FCT645ATFSMB05	5962-9224405MSA	54LVT646 (GEN)	5962-9674801QLA	54BCT648/BKA	5962-9172401MKA
P54FCT645ATLMB02	5962-9224402M2A	CD54HC646F3A	5962-8688501JA	54BCT648/BLA	5962-9172401MLA
P54FCT645ATLMB05	5962-9224405M2A	CY54FCT646ATDMB	5962-9222303MLA	54F648/B3A	5962-89754023A
P54FCT645CMB	5962-8865301RA	CY54FCT646ATLMB	5962-9222303M3A	54F648/BKA	5962-8975402KA
P54FCT645CTCMB03	5962-9224403MRA	CY54FCT646CTLMB	5962-9222305M3A	54F648/BLA	5962-8975402LA
P54FCT645CTCMB06	5962-9224406MRA	CY54FCT646TLMB	5962-9222301M3A	SNJ54ALS648FK	5962-90523013A
P54FCT645CTFSMB03	5962-9224403MSA	IDT54FCT646ATDB	5962-9222303MLA	SNJ54ALS648JT	5962-9052301LA
P54FCT645CTFSMB06	5962-9224406MSA	IDT54FCT646ATEB	5962-9222303MKA	SNJ54ALS648W	5962-9052301KA
P54FCT645CTLMB03	5962-9224403M2A	IDT54FCT646ATLB	5962-9222303M3A	54AS651/B3A	5962-88753013A
P54FCT645CTLMB06	5962-9224406M2A	IDT54FCT646CTDB	5962-9222305MLA	54AS651/BKA	5962-8875301KA
P54FCT645FSMB	5962-8865301SA	IDT54FCT646CTEB	5962-9222305MKA	54AS651/BLA	5962-8875301LA
P54FCT645LMB	5962-88653012A	IDT54FCT646CTLB	5962-9222305M3A	54ABT652 (GEN)	5962-9324201M3A
P54FCT645TCMB01	5962-9224401MRA	IDT54FCT646TDB	5962-9222301MLA	54ABT652 (GEN)	5962-9324201MKA
P54FCT645TCMB04	5962-9224404MRA	IDT54FCT646TEB	5962-9222301MKA	54ABT652 (GEN)	5962-9324201MLA
P54FCT645TFMSB01	5962-9224401MSA	IDT54FCT646TLB	5962-9222301M3A	54ABT652 (GEN)	5962-9324201Q3A
P54FCT645TFMSB04	5962-9224404MSA	MM54HC646E/883	5962-86885013A	54ABT652 (GEN)	5962-9324201QKA
P54FCT645TLMB01	5962-9224401M2A	MM54HC646J/883	5962-8688501LA	54ABT652 (GEN)	5962-9324201QLA
P54FCT645TLMB04	5962-9224404M2A	P54FCT646ACMB	5962-8877502LA	54AS652 (GEN)	5962-88687013A
SNJ54ALS645AJ	8403301RA	P54FCT646AFSMB	5962-8877502KA	54AS652 (GEN)	5962-8868701KA
SNJ54ALS645AW	8403301SA	P54FCT646ALMB	5962-88775023A	54BCT652 (GEN)	5962-9155301M3A
54ABT646A (GEN)	5962-9457702QKA	P54FCT646ATCMB	5962-9222303MLA	54BCT652 (GEN)	5962-9155301MLA
54ABT646DMQB	5962-9457701MLA	P54FCT646ATCMB04	5962-9222304MLA	54F652FMQB	5962-8955801KA
54ABT646E-QML	5962-9457701Q3A	P54FCT646ATFSMB	5962-9222303MKA	54F652LMQB	5962-89558013A
54ABT646FMQB	5962-9457701MKA	P54FCT646ATLMB	5962-9222303M3A	54F652SDMQB	5962-8955801LA
54ABT646J-QML	5962-9457701QLA	P54FCT646ATLMB04	5962-9222304M3A	54FCT652AT (GEN)	5962-9224602M3A
54ABT646LMQB	5962-9457701M3A	P54FCT646CMB	5962-8877501LA	54FCT652AT (GEN)	5962-9224602MKA
54ABT646W-QML	5962-9457701QKA	P54FCT646CTCBM06	5962-9222306MLA	54FCT652AT (GEN)	5962-9224602MLA
54AC646 (GEN)	5962R89682013A	P54FCT646CTCMB	5962-9222305MLA	54FCT652AT (GEN)	5962-9224605M3A
54AC646 (GEN)	5962R8968201KA	P54FCT646CTFSMB	5962-9222305MKA	54FCT652AT (GEN)	5962-9224605MLA
54AC646 (GEN)	5962R8968201LA	P54FCT646CTLMB	5962-9222305M3A	54FCT652CT (GEN)	5962-9224603M3A
54AC646/Q3A	5962-89682013A	P54FCT646CTLMB06	5962-9222306M3A	54FCT652CT (GEN)	5962-9224603MKA
54AC646/QKA	5962-8968201KA	P54FCT646FSMB	5962-8877501KA	54FCT652CT (GEN)	5962-9224603MLA
54AC646/QLA	5962-8968201LA	P54FCT646LMB	5962-88775013A	54FCT652CT (GEN)	5962-9224606M3A
54ACTQ646/Q3A	5962-9219601M3A	P54FCT646TCMB	5962-9222301MLA	54FCT652CT (GEN)	5962-9224606MLA
54ACTQ646/QKA	5962-9219601MKA	P54FCT646TCMB02	5962-9222302MLA	54FCT652T (GEN)	5962-9224601M3A
54ACTQ646/QLA	5962-9219601MLA	P54FCT646TFMSB	5962-9222301MKA	54FCT652T (GEN)	5962-9224601MKA
54ACTQ646FMQB	5962-9219601MKA	P54FCT646TLMB	5962-9222301M3A	54FCT652T (GEN)	5962-9224601MLA
54ACTQ646LMQB	5962-9219601M3A	P54FCT646TLMB02	5962-9222302M3A	54FCT652T (GEN)	5962-9224604M3A
54ACTQ646SDMQB	5962-9219601MLA	QP54AC646FMQB	5962-8968201KA	54FCT652T (GEN)	5962-9224604MLA
54ALS646 (GEN)	5962-89956013A	QP54AC646LMQB	5962-89682013A	54LVC652A (GEN)	5962-9762701Q3A
54AS646 (GEN)	5962-87595013A	QP54AC646SDMQB	5962-8968201LA	54LVC652A (GEN)	5962-9762701QKA
54AS646 (GEN)	5962-8759501KA	SNJ54ABT646AFK	5962-9457702Q3A	54LVC652A (GEN)	5962-9762701QLA
54BCT646 (GEN)	5962-9155501MKA	SNJ54ABT646AJT	5962-9457702QLA	SNJ54ABT652AFK	5962-9324202Q3A
54F646/Q3A	5962-89754013A	SNJ54ALS646JT	5962-8995601LA	SNJ54ABT652AJ	5962-9324202QLA
54F646/QKA	5962-8975401KA	SNJ54ALS646W	5962-8995601KA	SNJ54ABT652AW	5962-9324202QKA
54F646/QLA	5962-8975401LA	SNJ54AS646JT	5962-8759501LA	SNJ54ALS652FK	5962-88673013A

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SNJ54ALS652JT	5962-8867301LA	HS0-0547RH-Q	5962D9569302V9A	54ACT74 (GEN)	5962-8752503VXA
SNJ54ALS652W	5962-8867301KA	HS1B-0547RH-Q	5962D9569302VXC	54ACT74 (GEN)	5962R8752501B2A
SNJ54AS652JT	5962-8868701LA	54ACT715DMQB	5962-9309701MRA	54ACT74 (GEN)	5962R8752501BCA
SNJ54BCT652W	5962-9155301MKA	54ACT715LMQB	5962-9309701M2A	54ACT74 (GEN)	5962R8752501BDA
54ALS653 (GEN)	5962-8968701KA	54ACT715-RDMQB	5962-9309702MRA	54ACT74 (GEN)	5962R8752501SZA
SNJ54ALS653FK	5962-89687013A	54ACT715-RLMQB	5962-9309702M2A	54ACT74/B2A	5962-8752501B2A
SNJ54ALS653JT	5962-8968701LA	RT54SX72S (GEN)	5962-0151501QXC	54ACT74/BCA	5962-8752501BCA
54ACTQ657FMQB	5962-9219701MKA	RT54SX72S (GEN)	5962-0151501QYC	54ACT74/BDA	5962-8752501BDA
54ACTQ657LMQB	5962-9219701M3A	RT54SX72S (GEN)	5962-0151503QXC	54ACT74/Q2A	5962-8752501M2A
54ACTQ657SDMQB	5962-9219701MLA	RT54SX72S (GEN)	5962-0151503QYC	54ACT74/QCA	5962-8752501MCA
54F657 (GEN)	5962-89535013A	RT54SX72S-1 (GEN)	5962-0151502QXC	54ACT74/QDA	5962-8752501MDA
54F657 (GEN)	5962-8953501KA	RT54SX72S-1 (GEN)	5962-0151502QYC	54ACT74/S2A-R	5962R8752501S2A
54F657 (GEN)	5962-8953501LA	RT54SX72S-1 (GEN)	5962-0151504QXC	54ACT74/SCA-R	5962R8752501SCA
54LS668 (GEN)	5962-86876012A	RT54SX72S-1 (GEN)	5962-0151504QYC	54ACT74/SDA-R	5962R8752501SDA
54LS668 (GEN)	5962-8687601EA	A54SX72A-1CQ208B	5962-0054302QYC	54ACT74DMQB	5962-8752501MCA
54LS668 (GEN)	5962-8687601FA	A54SX72A-1CQ256B	5962-0054302QXC	54ACT74FMQB	5962-8752501MDA
54LS670 (GEN)	5962-7704201VEA	A54SX72A-CQ208B	5962-0054301QYC	54ACT74LMQB	5962-8752501M2A
54LS670 (GEN)	5962-7704201VFA	A54SX72A-CQ256B	5962-0054301QXC	54ACTS74 (GEN)	5962H9653501QCA
SL54LS670/BEA	7704201EA	54HC7266 (GEN)	84043022A	54ACTS74 (GEN)	5962H9653501QXA
SL54LS670/BFA	7704201FA	54HC7266 (GEN)	8404302AA	54ACTS74 (GEN)	5962H9653501VCA
SNJ54LS670J	7704201EA	CD54HC7266F3A	8404302CA	54ACTS74 (GEN)	5962H9653501VXC
SNJ54LS670W	7704201FA	54HC73 (GEN)	5962-85153012A	54ALS74A (GEN)	8401101AA
SNJ54LS673FK	5962-88602013A	54LS73A (GEN)	5962-9675101VCA	54ALS74A (GEN)	8401101BA
SNJ54LS673J	5962-8860201JA	54LS73A (GEN)	5962-9675101VDA	54AS74A (GEN)	5962-9862701Q2A
SNJ54LS673JT	5962-8860201LA	CD54HC73F3A	5962-8515301CA	54HC74 (GEN)	5962-8405601VXA
SNJ54LS673W	5962-8860201KA	SNJ54LS73AJ	5962-9675101QCA	54HC74 (GEN)	8405601AA
SNJ54LS674FK	5962-88607013A	SNJ54LS73AW	5962-9675101QDA	54HC74 (GEN)	8405601BA
SNJ54LS674J	5962-8860701JA	54AC74 (GEN)	5962-8852001VCA	54HC74 (GEN)	8405601XA
SNJ54LS674JT	5962-8860701LA	54AC74 (GEN)	5962-8852001VXA	54LVC74A (GEN)	5962-9761601V2A
SNJ54LS674W	5962-8860701KA	54AC74 (GEN)	5962-8852001XA	54LVC74A (GEN)	5962-9761601VCA
54F676/Q3A	5962-88546013A	54AC74 (GEN)	5962-8852003VXA	5EV4ACT74DMQB	5962-8752501MCA
54F676/QKA	5962-8854601KA	54AC74 (GEN)	5962-8852003XA	ACT74DIE2V	5962F8752503V9A
54F676/QLA	5962-8854601LA	54AC74 (GEN)	5962F88520039A	ADS5474-RHA	5962R1320801VXC
54LS682 (GEN)	84151012A	54AC74/Q2A	5962-88520012A	CD54HCT74F3A	5962-8685301CA
SNJ54LS682J	8415101RA	54AC74/QCA	5962-8852001CA	EV54ACT74B2A	5962-8752501B2A
SNJ54LS682W	8415101SA	54AC74/QDA	5962-8852001DA	EV54ACT74BCA	5962-8752501BCA
54LS684 (GEN)	8415201SA	54AC74DMQB	5962-8852001CA	EV54ACT74BDA	5962-8752501BDA
SNJ54LS684FK	84152012A	54AC74FMQB	5962-8852001DA	EV54ACT74FMQB	5962-8752501MDA
SNJ54LS684J	8415201RA	54AC74LMQB	5962-88520012A	EV54ACT74LMQB	5962-8752501M2A
54LS688 (GEN)	5962-8415301VRA	54ACS74 (GEN)	5962H9653401Q9A	JM54ACT74B2A	5962-8752501B2A
54LS688 (GEN)	5962-8415301VSA	54ACS74 (GEN)	5962H9653401QCA	JM54ACT74BCA	5962-8752501BCA
CD54HCT688F3A	5962-8685701RA	54ACS74 (GEN)	5962H9653401QXA	JM54ACT74BDA	5962-8752501BDA
SNJ54ALS688FK	5962-88578012A	54ACS74 (GEN)	5962H9653401V9A	RHFAC74D03Q	5962F8852003CC
SNJ54ALS688J	5962-8857801RA	54ACS74 (GEN)	5962H9653401VCA	RHFAC74D03V	5962F8852003VCC
SNJ54ALS688W	5962-8857801SA	54ACS74 (GEN)	5962H9653401VXA	RHFAC74D04Q	5962F8852003CA
SNJ54HC688FK	5962-86818012A	54ACT74 (GEN)	5962-87525012A	RHFAC74D04V	5962F8852003VCA
SNJ54HC688J	5962-8681801RA	54ACT74 (GEN)	5962-8752501CA	RHFAC74K01Q	5962F8852003XC
SNJ54LS688FK	84153012A	54ACT74 (GEN)	5962-8752501DA	RHFAC74K01V	5962F8852003VXC
SNJ54LS688J	8415301RA	54ACT74 (GEN)	5962-8752501S2A	RHFAC74K02Q	5962F8852003XA
SNJ54LS688W	8415301SA	54ACT74 (GEN)	5962-8752501SCA	RHFAC74K02V	5962F8852003VXA
HI1-547/883	5962-8513102XA	54ACT74 (GEN)	5962-8752501SDA	RHFAC74K03V	5962F8852003VYC
HI4-547/883	5962-85131023A	54ACT74 (GEN)	5962-8752503QXA	RHFAC74K04V	5962F8852003VYA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
RHFACT74D03Q	5962F8752503QCC	UT54ACTS74EUVAH	5962H9653502VXA	TLC548 (GEN)	5962-9084501MPA
RHFACT74D03V	5962F8752503VCC	UT54ACTS74EUVCG	5962G9653503VXC	54F803 (GEN)	5962-9171601M2A
RHFACT74D04Q	5962F8752503QCA	UT54ACTS74EUVCH	5962H9653502VXC	54F803 (GEN)	5962-9171601MCA
RHFACT74D04V	5962F8752503VCA	UT54ACTS74E-V-DIEG	5962G9653503V9A	54F803 (GEN)	5962-9171601MDA
RHFACT74K01Q	5962F8752503QXC	UT54ACTS74E-V-DIEH	5962H9653502V9A	SNJ54ALS804AFK	5962-88693012A
RHFACT74K01V	5962F8752503VXC	UT54ACTS74-Q-DIEG	5962G9653501Q9A	SNJ54ALS804AJ	5962-8869301RA
RHFACT74K02Q	5962F8752503QXA	UT54ACTS74UQAG	5962G9653501QXA	SNJ54ALS804AW	5962-8869301SA
RHFACT74K02V	5962F8752503VXA	UT54ACTS74UQCG	5962G9653501QXC	SNJ54AS804BFB	5962-87766012A
RHFACT74K03V	5962F8752503VYC	UT54ACTS74UVAG	5962G9653501VXA	SNJ54AS804BJ	5962-8776601RA
RHFACT74K04V	5962F8752503VYA	UT54ACTS74UVCG	5962G9653501VXC	SNJ54AS804BW	5962-8776601SA
SNJ54AC74FK	5962-88520012A	UT54ACTS74-V-DIEG	5962G9653501V9A	54ALS805A (GEN)	5962-88694012A
SNJ54AC74J	5962-8852001CA	54HC75/B2A	84070012A	54ALS805A (GEN)	5962-8869401RA
SNJ54AC74W	5962-8852001DA	54HC75/BFA	8407001FA	54ALS805A (GEN)	5962-8869401SA
SNJ54ACT74FK	5962-8752501M2A	54LS75 (GEN)	5962-7601201VEA	54AS805B (GEN)	5962-8779401RA
SNJ54ACT74J	5962-8752501MCA	54LS75 (GEN)	5962-7601201VFA	54AS805B (GEN)	5962-8779401SA
SNJ54ACT74W	5962-8752501MDA	CD54HC75F3A	8407001EA	SNJ54AS805BFB	5962-87794012A
SNJ54AHC74FK	5962-9686001Q2A	CD54HCT75F3A	5962-9075801MEA	54ALS808 (GEN)	5962-88695012A
SNJ54AHC74J	5962-9686001QCA	SL54LS75/BEA	7601201EA	54ALS808 (GEN)	5962-8869501RA
SNJ54AHC74W	5962-9686001QDA	SL54LS75/BFA	7601201FA	54ALS808 (GEN)	5962-8869501SA
SNJ54AHCT74FK	5962-9686101Q2A	SNJ54LS75J	7601201EA	SNJ54AS808BFB	5962-88522012A
SNJ54AHCT74J	5962-9686101QCA	SNJ54LS75W	7601201FA	SNJ54AS808BJ	5962-8852201RA
SNJ54AHCT74W	5962-9686101QDA	SNJ54AS756FK	5962-90563012A	SNJ54AS808BW	5962-8852201SA
SNJ54ALS74AFK	84011012A	SNJ54AS756J	5962-9056301RA	54ACT818FMQB	5962-9160901MKA
SNJ54ALS74AJ	8401101CA	SNJ54AS756W	5962-9056301SA	54ACT818LMQB	5962-9160901M3A
SNJ54ALS74AW	8401101DA	54HC76 (GEN)	5962-87732012A	54ACT818SDMQB	5962-9160901MLA
SNJ54AS74AJ	5962-9862701QCA	54HC76 (GEN)	5962-8773201EA	54ABT821 (GEN)	5962-9469101M3A
SNJ54F74FK	5962-9759201Q2A	SNJ5476J	5962-9557501QEA	54ABT821 (GEN)	5962-9469101MKA
SNJ54F74J	5962-9759201QCA	SNJ5476W	5962-9557501QFA	54ABT821 (GEN)	5962-9469101MLA
SNJ54F74W	5962-9759201QDA	SNJ54LS76AFK	76013012A	54ABT821 (GEN)	5962-9469101Q3A
SNJ54HC74FK	84056012A	SNJ54LS76AJ	7601301EA	54ABT821 (GEN)	5962-9469101QKA
SNJ54HC74J	8405601CA	SNJ54LS76AW	7601301FA	54AC821/Q3A	5962-9160601M3A
SNJ54HC74W	8405601DA	54AS760 (GEN)	5962-8776701SA	54AC821/QKA	5962-9160601MKA
SNJ54LVC74AFK	5962-9761601Q2A	SNJ54AS760FK	5962-87767012A	54AC821/QLA	5962-9160601MLA
SNJ54LVC74AJ	5962-9761601QCA	SNJ54AS760J	5962-8776701RA	54AC821FMQB	5962-9160601MKA
SNJ54LVC74AW	5962-9761601QDA	SNJ54BCT760FK	5962-9093801M2A	54AC821LMQB	5962-9160601M3A
SNV54AC74W	5962-8852001VDA	SNJ54BCT760J	5962-9093801MRA	54AC821SDMQB	5962-9160601MLA
SNV54HC74J	5962-8405601VCA	SNJ54BCT760W	5962-9093801MSA	54ACT821/Q3A	5962-88705013A
SNV54HC74W	5962-8405601VDA	54F776 (GEN)	5962-88707013A	54ACT821/QKA	5962-8870501KA
SNV54LVC74AW	5962-9761601VDA	54F776 (GEN)	5962-8870701XA	54ACT821/QLA	5962-8870501LA
UT54ACS74-QDIEG	5962G9653401Q9B	54F776 (GEN)	5962-8870701YA	54ACT821FMQB	5962-8870501KA
UT54ACS74UQAG	5962G9653401QXA	54F777 (GEN)	5962-9159701M2A	54ACT821LMQB	5962-88705013A
UT54ACS74UQCG	5962G9653401QXC	54F777 (GEN)	5962-9159701MRA	54ACT821SDMQB	5962-8870501LA
UT54ACS74UVAG	5962G9653401VXA	54F777 (GEN)	5962-9159701MSA	54AS821A (GEN)	5962-9078001M3A
UT54ACS74UVCG	5962G9653401VXC	SNJ54ABT7819GB	5962-9470401QXA	54AS821A (GEN)	5962-9078001MKA
UT54ACS74-VDIEG	5962G9653401V9B	54ABT7820 (GEN)	5962-9650901QXA	54F821/Q3A	5962-89438013A
UT54ACTS74E-Q-DIEG	5962G9653503Q9A	54ACT7881 (GEN)	5962-9562701QYA	54F821/QKA	5962-8943801KA
UT54ACTS74E-Q-DIEH	5962H9653502Q9A	HI1-201/883	7705302EA	54F821/QLA	5962-8943801LA
UT54ACTS74EUQAG	5962G9653503QXA	HI1-548/883	7705202EA	54F821FMQB	5962-8943801KA
UT54ACTS74EUQAH	5962H9653502QXA	HI4-548/883	77052022A	54F821LMQB	5962-89438013A
UT54ACTS74EUQCG	5962G9653503QXC	HS-0548 (GEN)	5962D9569401VEA	54F821SDMQB	5962-8943801LA
UT54ACTS74EUQCH	5962H9653502QXC	HS1B-0548RH-Q	5962D9569401VEC	54FCT821BT (GEN)	5962-9222504M3A
UT54ACTS74EUVAG	5962G9653503VXA	TLC548 (GEN)	5962-9084501M2A	54FCT821BT (GEN)	5962-9222504MLA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
54FCT821CT (GEN)	5962-9222506M3A	IDT54FCT823ALB	5962-88656013A	54FCT825B (GEN)	5962-8867402LA
54FCT821CT (GEN)	5962-9222506MLA	IDT54FCT823BDB	5962-8865602LA	54FCT825BT (GEN)	5962-9223003MKA
IDT54FCT821ATDB	5962-9222501MLA	IDT54FCT823BEB	5962-8865602KA	54FCT825BT (GEN)	5962-9223004M3A
IDT54FCT821ATEB	5962-9222501MKA	IDT54FCT823BLB	5962-88656023A	54FCT825BT (GEN)	5962-9223004MLA
IDT54FCT821ATLB	5962-9222501M3A	P54FCT823ACMB	5962-8865601LA	54FCT825CT (GEN)	5962-9223005MKA
IDT54FCT821BTDB	5962-9222503MLA	P54FCT823AFMB	5962-8865601KA	54FCT825CT (GEN)	5962-9223006M3A
IDT54FCT821BTEB	5962-9222503MKA	P54FCT823ALMB	5962-88656013A	54FCT825CT (GEN)	5962-9223006MLA
IDT54FCT821BTLB	5962-9222503M3A	P54FCT823ATCMB	5962-9222902MLA	SNJ54AS825AFK	5962-9078003M3A
IDT54FCT821CTDB	5962-9222505MLA	P54FCT823ATLMB	5962-9222902M3A	54FCT825AT (GEN)	5962-9223001M3A
IDT54FCT821CTEB	5962-9222505MKA	P54FCT823BCMB	5962-8865602LA	54FCT825AT (GEN)	5962-9223001MLA
IDT54FCT821CTLB	5962-9222505M3A	P54FCT823BFMB	5962-8865602KA	54FCT825BT (GEN)	5962-9223003M3A
P54FCT821ACMB	5962-8860801LA	P54FCT823BLMB	5962-88656023A	54FCT825BT (GEN)	5962-9223003MLA
P54FCT821AFSMB	5962-8860801KA	P54FCT823BTCMB	5962-9222904MLA	54FCT825CT (GEN)	5962-9223005M3A
P54FCT821ALMB	5962-88608013A	P54FCT823BTLMB	5962-9222904M3A	54FCT825CT (GEN)	5962-9223005MLA
P54FCT821ATCMB	5962-9222501MLA	P54FCT823CTCMB	5962-9222906MLA	54AS826/B3A	5962-9078004M3A
P54FCT821ATCMB01	5962-9222502MLA	P54FCT823CTLMB)	5962-9222906M3A	54AS826/BKA	5962-9078004MKA
P54FCT821ATFSMB	5962-9222501MKA	SNJ54ABT823FK	5962-9450801Q3A	54AS826/BLA	5962-9078004MLA
P54FCT821ATLMB	5962-9222501M3A	SNJ54ABT823J	5962-9450801QLA	54ABT827 (GEN)	5962-9450901Q3A
P54FCT821ATLMB01	5962-9222502M3A	SNJ54ABT823W	5962-9450801QKA	54ACTQ827/Q3A	5962-9219901M3A
P54FCT821BCMB	5962-8860802LA	SNJ54AS823AJT	5962-8952501LA	54ACTQ827/QKA	5962-9219901MKA
P54FCT821BFSMB	5962-8860802KA	54FCT824A (GEN)	5962-89665013A	54ACTQ827/QLA	5962-9219901MLA
P54FCT821BLMB	5962-88608023A	54FCT824A (GEN)	5962-8966501KA	54ACTQ827FMQB	5962-9219901MKA
P54FCT821BTCMB	5962-9222503MLA	54FCT824A (GEN)	5962-8966501LA	54ACTQ827LMQB	5962-9219901M3A
P54FCT821BTFSMB	5962-9222503MKA	54FCT824B (GEN)	5962-89665023A	54ACTQ827SDMQB	5962-9219901MLA
P54FCT821BTLMB	5962-9222503M3A	54FCT824B (GEN)	5962-8966502KA	54F827/B3A	5962-9209001M3A
P54FCT821CTCMB	5962-9222505MLA	54FCT824B (GEN)	5962-8966502LA	54F827/BKA	5962-9209001MKA
P54FCT821CTFSMB	5962-9222505MKA	SNJ54BCT8240AFK	5962-9174601Q3A	54F827/BLA	5962-9209001MLA
P54FCT821CTLMB	5962-9222505M3A	SNJ54BCT8240AJT	5962-9174601QLA	IDT54FCT827ADB	5962-8950601LA
SNJ54ABT821JT	5962-9469101QLA	SNJ54BCT8244AFK	5962-9172601M3A	IDT54FCT827AEB	5962-8950601KA
SNJ54AS821AJT	5962-9078001MLA	SNJ54BCT8244AJT	5962-9172601MLA	IDT54FCT827ALB	5962-89506013A
54AS822/B3A	5962-9078002M3A	54BCT8245A (GEN)	5962-9172801M3A	IDT54FCT827ATDB	5962-9224701MLA
54AS822/BKA	5962-9078002MKA	54BCT8245A (GEN)	5962-9172801MLA	IDT54FCT827ATEB	5962-9224701MKA
54AS822/BLA	5962-9078002MLA	SNJ54ABT8245FK	5962-9318601M3A	IDT54FCT827BDB	5962-8950602LA
54ACT823/Q3A	5962-9161001M3A	SNJ54ABT8245JT	5962-9318601MLA	IDT54FCT827BEB	5962-8950602KA
54ACT823/QKA	5962-9161001MKA	SNJ54BCT8245AFK	5962-9172801Q3A	IDT54FCT827BLB	5962-89506023A
54ACT823/QLA	5962-9161001MLA	SNJ54BCT8245AJT	5962-9172801QLA	IDT54FCT827BTDB	5962-9224703MLA
54ACT823FMQB	5962-9161001MKA	54ACT825/Q3A	5962-9161101M3A	IDT54FCT827BTEB	5962-9224703MKA
54ACT823LMQB	5962-9161001M3A	54ACT825/QKA	5962-9161101MKA	IDT54FCT827BTLB	5962-9224703M3A
54ACT823SDMQB	5962-9161001MLA	54ACT825/QLA	5962-9161101MLA	IDT54FCT827CTDB	5962-9224705MLA
54AS823A (GEN)	5962-89525013A	54ACT825DMQB	5962-9161101MLA	IDT54FCT827CTEB	5962-9224705MKA
54AS823A (GEN)	5962-8952501KA	54ACT825FMQB	5962-9161101MKA	IDT54FCT827CTLB	5962-9224705M3A
54FCT823AT (GEN)	5962-9222901M3A	54ACT825LMQB	5962-9161101M3A	P54FCT827ACMB	5962-8950601LA
54FCT823AT (GEN)	5962-9222901MKA	54AS825A (GEN)	5962-9078003MKA	P54FCT827AFMB	5962-8950601KA
54FCT823AT (GEN)	5962-9222901MLA	54AS825A (GEN)	5962-9078003MLA	P54FCT827ALMB	5962-89506013A
54FCT823BT (GEN)	5962-9222903M3A	54FCT825A (GEN)	5962-88674013A	P54FCT827ATCMB	5962-9224701MLA
54FCT823BT (GEN)	5962-9222903MKA	54FCT825A (GEN)	5962-8867401KA	P54FCT827ATCMB04	5962-9224704MLA
54FCT823BT (GEN)	5962-9222903MLA	54FCT825A (GEN)	5962-8867401LA	P54FCT827ATFSMB	5962-9224701MKA
54FCT823CT (GEN)	5962-9222905M3A	54FCT825AT (GEN)	5962-9223001MKA	P54FCT827ATLMB	5962-9224701M3A
54FCT823CT (GEN)	5962-9222905MKA	54FCT825AT (GEN)	5962-9223002M3A	P54FCT827ATLMB04	5962-9224704M3A
54FCT823CT (GEN)	5962-9222905MLA	54FCT825AT (GEN)	5962-9223002MLA	P54FCT827BCMB	5962-8950602LA
IDT54FCT823ADB	5962-8865601LA	54FCT825B (GEN)	5962-88674023A	P54FCT827BFMB	5962-8950602KA
IDT54FCT823AEB	5962-8865601KA	54FCT825B (GEN)	5962-8867402KA	P54FCT827BLMB	5962-89506023A



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
P54FCT827BTCMB	5962-9224703MLA	54ABT843 (GEN)	5962-9571201Q3A	54ABT853 (GEN)	5962-9674601QLA
P54FCT827BTFSMB	5962-9224703MKA	54ABT843 (GEN)	5962-9571201QKA	SNJ54ABT853FK	5962-9674601Q3A
P54FCT827BTLMB	5962-9224703M3A	54FCT843A (GEN)	5962-89758013A	54ABT8543 (GEN)	5962-9461501QXA
P54FCT827CTCMB	5962-9224705MLA	54FCT843A (GEN)	5962-8975801KA	SNJ54ABT8543FK	5962-9461501Q3A
P54FCT827CTCMB06	5962-9224706MLA	54FCT843A (GEN)	5962-8975801LA	54ALS857 (GEN)	5962-8753301KA
P54FCT827CTFSMB	5962-9224705MKA	54FCT843B (GEN)	5962-89758023A	SNJ54ALS857FK	5962-87533013A
P54FCT827CTLMB	5962-9224705M3A	54FCT843B (GEN)	5962-8975802KA	SNJ54ALS857J	5962-8753301LA
P54FCT827CTLMB06	5962-9224706M3A	54FCT843B (GEN)	5962-8975802LA	54AC86 (GEN)	5962-8955001VDA
P54FCT827TCMB	5962-9224702MLA	54FCT843C (GEN)	5962-89758033A	54AC86/QCA	5962-8955001CA
P54FCT827TLMB	5962-9224702M3A	54FCT843C (GEN)	5962-8975803KA	54AC86/QDA	5962-8955001DA
SNJ54ABT827JT	5962-9450901QLA	54FCT843C (GEN)	5962-8975803LA	54AC86DMQB	5962-8955001CA
SNJ54ABT827W	5962-9450901QKA	SNJ54ABT843JT	5962-9571201QLA	54AC86FMQB	5962-8955001DA
CY54FCT827ATLMB	5962-9224701M3A	54FCT845A (GEN)	5962-88675013A	54AC86K01Q	5962-8955001XC
IDT54FCT827ATLB	5962-9224701M3A	54FCT845A (GEN)	5962-8867501KA	54AC86K01V	5962-8955001VXC
SL54LS83A/BEA	7601401EA	54FCT845A (GEN)	5962-8867501LA	54AC86K02Q	5962-8955001XA
SL54LS83A/BFA	7601401FA	54FCT845B (GEN)	5962-88675023A	54AC86K02V	5962-8955001VXA
54ALS832A (GEN)	84145012A	54FCT845B (GEN)	5962-8867502KA	54AC86LMQB	5962-89550012A
54AS832B (GEN)	5962-8852301RA	54FCT845B (GEN)	5962-8867502LA	54ACS86 (GEN)	5962H9653801Q9A
54AS832B (GEN)	5962-8852301SA	54C85 (GEN)	7703701EA	54ACS86 (GEN)	5962H9653801QCA
SNJ54ALS832AJ	8414501RA	54C85 (GEN)	7703701FA	54ACS86 (GEN)	5962H9653801QXA
SNJ54ALS832AW	8414501SA	54F85 (GEN)	5962-86069012A	54ACS86 (GEN)	5962H9653801V9A
SNJ54AS832BFBK	5962-88523012A	54F85 (GEN)	5962-8606901EA	54ACS86 (GEN)	5962H9653801VCA
SNJ54BCT8373AFK	5962-9172501M3A	54F85 (GEN)	5962-8606901FA	54ACS86 (GEN)	5962H9653801VXA
SNJ54BCT8373AJT	5962-9172501MLA	54HC85 (GEN)	5962-8601301VFA	54ACT86 (GEN)	5962-9068702QXA
54BCT8374A (GEN)	5962-9172701M3A	54HC85 (GEN)	5962-8601301VXA	54ACT86 (GEN)	5962-9068702VXA
54BCT8374A (GEN)	5962-9172701MLA	54HC85 (GEN)	86013012A	54AHCT86 (GEN)	5962-9681701QDA
SNJ54BCT8374AFK	5962-9172701Q3A	54HC85 (GEN)	8601301FA	54ALS86 (GEN)	5962-88621012A
SNJ54BCT8374AJT	5962-9172701QLA	54HC85 (GEN)	8601301XA	54AS86A (GEN)	5962-9757201Q2A
54ABT841 (GEN)	5962-9676901Q3A	CD54HC85F3A	8601301EA	54AS86A (GEN)	5962-9757201QCA
54ABT841 (GEN)	5962-9676901QKA	CD54HCT85F3A	5962-8867201EA	54HC86 (GEN)	5962-8404601VCA
54ACTQ841/Q3A	5962-9220001M3A	SNJ54LS85FK	5962-9754701Q2A	54HC86 (GEN)	5962-8404601VDA
54ACTQ841/QKA	5962-9220001MKA	SNJ54LS85J	5962-9754701QEA	54HC86 (GEN)	5962-8404601VXA
54ACTQ841/QLA	5962-9220001MLA	SNJ54LS85W	5962-9754701QFA	54HC86 (GEN)	8404601AA
54ACTQ841FMQB	5962-9220001MKA	UT54ACS85PQAH	5962H9653601QEA	54HC86 (GEN)	8404601BA
54ACTQ841LMQB	5962-9220001M3A	UT54ACS85PQCH	5962H9653601QEC	54HC86 (GEN)	8404601XA
54ACTQ841SDMQB	5962-9220001MLA	UT54ACS85PVAH	5962H9653601VEA	54LVC86A (GEN)	5962-9761901QCA
54FCT841A (GEN)	5962-88575013A	UT54ACS85PVCH	5962H9653601VEC	CD54HC86F3A	8404601CA
54FCT841A (GEN)	5962-8857501KA	UT54ACS85-Q-DIE	5962H9653601Q9A	CD54HCT86F3A	5962-8984401CA
54FCT841A (GEN)	5962-8857501LA	UT54ACS85UQAH	5962H9653601QXA	SNJ54AC86FK	5962-89550012A
54FCT841AT (GEN)	5962-9222801M3A	UT54ACS85UQCH	5962H9653601QXC	SNJ54AC86J	5962-8955001CA
54FCT841AT (GEN)	5962-9222801MKA	UT54ACS85UVAH	5962H9653601VXA	SNJ54AC86W	5962-8955001DA
54FCT841AT (GEN)	5962-9222801MLA	UT54ACS85UVCH	5962H9653601VXC	SNJ54ACT86FK	5962-9068701Q2A
54FCT841B (GEN)	5962-88575023A	UT54ACS85-V-DIE	5962H9653601V9A	SNJ54ACT86J	5962-9068701QCA
54FCT841B (GEN)	5962-8857502KA	UT54ACTS85PQAH	5962H9653701QEA	SNJ54ACT86W	5962-9068701QDA
54FCT841B (GEN)	5962-8857502LA	UT54ACTS85PQCH	5962H9653701QEC	SNJ54AHC86FK	5962-9681601Q2A
54FCT841BT (GEN)	5962-9222802M3A	UT54ACTS85PVAH	5962H9653701VEA	SNJ54AHC86J	5962-9681601QCA
54FCT841BT (GEN)	5962-9222802MKA	UT54ACTS85PVCH	5962H9653701VEC	SNJ54AHC86W	5962-9681601QDA
54FCT841BT (GEN)	5962-9222802MLA	UT54ACTS85UQAH	5962H9653701QXA	SNJ54AHCT86FK	5962-9681701Q2A
54FCT841CT (GEN)	5962-9222803M3A	UT54ACTS85UQCH	5962H9653701QXC	SNJ54AHCT86J	5962-9681701QCA
54FCT841CT (GEN)	5962-9222803MKA	UT54ACTS85UVAH	5962H9653701VXA	SNJ54ALS86J	5962-8862101CA
54FCT841CT (GEN)	5962-9222803MLA	UT54ACTS85UVCH	5962H9653701VXC	SNJ54ALS86W	5962-8862101DA
SNJ54ABT841JT	5962-9676901QLA	54ABT853 (GEN)	5962-9674601QKA	SNJ54HC86FK	84046012A

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SNJ54HC86J	8404601CA	SNJ54AS869JT	5962-8952601LA	54C906 (GEN)	7705601DA
SNJ54HC86W	8404601DA	54ALS870 (GEN)	5962-89889013A	54C922 (GEN)	5962-8752101VA
SNJ54LVC86AFK	5962-9761901Q2A	54ALS870 (GEN)	5962-8988901KA	SL54LS93/BAA	7700101AA
SNJ54LVC86AW	5962-9761901QDA	54ALS870 (GEN)	5962-8988901LA	SL54LS93/BCA	7700101CA
UT54ACS86E-Q-DIEG	5962G9653803Q9B	SNJ54ALS873BFBK	84032013A	SL54LS93/BDA	7700101DA
UT54ACS86E-Q-DIEH	5962H9653802Q9B	SNJ54ALS873BJT	8403201LA	SNJ54LS93J	7700101CA
UT54ACS86EUQAG	5962G9653803QXA	SNJ54ALS873BW	8403201KA	SNJ54LS93W	7700101DA
UT54ACS86EUQAH	5962H9653802QXA	54ALS874B (GEN)	84010013A	54ALS996 (GEN)	5962-8994501KA
UT54ACS86EUQCG	5962G9653803QXC	54AS874 (GEN)	5962-9152901M3A	SNJ54ALS996FK	5962-89945013A
UT54ACS86EUQCH	5962H9653802QXC	54AS874 (GEN)	5962-9152901MJA	SNJ54ALS996JT	5962-8994501LA
UT54ACS86EUVAG	5962G9653803VXA	54AS874 (GEN)	5962-9152901MKA	54FCT2373 (GEN)	5962-9302501M2A
UT54ACS86EUVAH	5962H9653802VXA	54AS874 (GEN)	5962-9152901MLA	54FCT2373 (GEN)	5962-9302501MRA
UT54ACS86EUVCG	5962G9653803VXC	SNJ54ALS874BJT	8401001LA	54FCT2373 (GEN)	5962-9302501MSA
UT54ACS86EUVCH	5962H9653802VXC	SNJ54ALS874BW	8401001KA	54FCT2373A (GEN)	5962-9302502M2A
UT54ACS86E-V-DIEG	5962G9653803V9B	54ALS876 (GEN)	84010023A	54FCT2373A (GEN)	5962-9302502MRA
UT54ACS86E-V-DIEH	5962H9653802V9B	54ALS876 (GEN)	8401002KA	54FCT2373A (GEN)	5962-9302502MSA
UT54ACS86-Q-DIEG	5962G9653801Q9B	54ALS876 (GEN)	8401002LA	54FCT2373C (GEN)	5962-9302503M2A
UT54ACS86UQAG	5962G9653801QXA	54ALS880 (GEN)	84032023A	54FCT2373C (GEN)	5962-9302503MRA
UT54ACS86UQCG	5962G9653801QXC	54ALS880 (GEN)	8403202KA	54FCT2373C (GEN)	5962-9302503MSA
UT54ACS86UVAG	5962G9653801VXA	54ALS880 (GEN)	8403202LA	HCPL-550K	5962-9085401KPC
UT54ACS86UVCG	5962G9653801VXC	54AS885 (GEN)	5962-8975701KA	HCPL-550K#100	5962-9085401KYA
UT54ACS86-V-DIEG	5962G9653801V9B	SNJ54AS885FK	5962-89757013A	HCPL-550K#100	5962-9085401KYC
UT54ACTS86PQAH	5962H9653901QCA	SNJ54AS885JT	5962-8975701LA	HCPL-550K#200	5962-9085401KPA
UT54ACTS86PQCH	5962H9653901QCC	54ACT899DMQB	5962-9314101MXA	HCPL-550K#300	5962-9085401KXA
UT54ACTS86PVAH	5962H9653901VCA	54ACT899LMQB	5962-9314101M3A	UT550 (GEN)	5962R96B0223Q*C
UT54ACTS86PVCH	5962H9653901VCC	UT54ACTS899-UCA	5962R0624001QXA	UT550 (GEN)	5962R96B0223V*C
UT54ACTS86UQAH	5962H9653901QXA	UT54ACTS899-UCA	5962R0624001VXA	ADL5501AL/QMLL	5962L1123902VHA
UT54ACTS86UQCH	5962H9653901QXC	UT54ACTS899-UCC	5962R0624001QXC	ADL5501AL/QMLR	5962R1123901VHA
UT54ACTS86UVAH	5962H9653901VXA	UT54ACTS899-UCC	5962R0624001VXC	HCPL-5501	5962-9085401HPC
UT54ACTS86UVCH	5962H9653901VXC	SNJ54ACT8990GB	5962-9322801MYA	HCPL-5501#200	5962-9085401HPA
54FCT861A (GEN)	5962-89533013A	SNJ54ACT8990HV	5962-9322801MXA	HCPL-5501#100	5962-9085401HYA
54FCT861A (GEN)	5962-8953301KA	54ABT8996 (GEN)	5962-9681201Q3A	HCPL-5501#100	5962-9085401HYC
54FCT861A (GEN)	5962-8953301LA	54ABT8996 (GEN)	5962-9681201QKA	HCPL-5501#300	5962-9085401HXA
54FCT861B (GEN)	5962-89533023A	54ABT8996 (GEN)	5962-9681201QLA	55ALS056/B2A	5962-90628012A
54FCT861B (GEN)	5962-8953302KA	54ACT8997 (GEN)	5962-9323901M3A	55ALS056/BRA	5962-9062801RA
54FCT861B (GEN)	5962-8953302LA	54ACT8997 (GEN)	5962-9323901MXA	55ALS056/BSA	5962-9062801SA
54AC86/Q2A	5962-89550012A	SNJ54ACT8997FK	5962-9323901Q3A	55ALS057/B2A	5962-90629012A
54FCT863A (GEN)	5962-88661013A	SNJ54ACT8997JT	5962-9323901QXA	55ALS057/BRA	5962-9062901RA
54FCT863A (GEN)	5962-8866101KA	54ACT8999 (GEN)	5962-9674701Q3A	55ALS057/BSA	5962-9062901SA
54FCT863A (GEN)	5962-8866101LA	HI1-549/883	5962-8513103EA	SNJ55107AFK	5962-9690301Q2A
54FCT863B (GEN)	5962-88661023A	HI4-0549/883	5962-85131032A	SNJ55107AJ	5962-9690301QCA
54FCT863B (GEN)	5962-8866102KA	HS-0549 (GEN)	5962D9569402VEA	SNJ55107AW	5962-9690301QDA
54FCT863B (GEN)	5962-8866102LA	HS-0549 (GEN)	5962D9569402VEC	55108A (GEN)	5962-9690302Q2A
SNJ54ABT8646FK	5962-9458601Q3A	TLC549 (GEN)	5962-9084502M2A	55108A (GEN)	5962-9690302QCA
SNJ54ABT8646JT	5962-9458601QXA	TLC549 (GEN)	5962-9084502MPA	55108A (GEN)	5962-9690302QDA
54ABT8652 (GEN)	5962-9461601Q3A	54LS90 (GEN)	76032012A	55109 (GEN)	5962-87547022A
SNJ54ABT8652JT	5962-9461601QXA	54LS90 (GEN)	7603201AA	55109 (GEN)	5962-8754702CA
54AS867 (GEN)	5962-89668013A	54LS90 (GEN)	7603201BA	55109 (GEN)	5962-8754702DA
54AS867 (GEN)	5962-8966801KA	54LS90 (GEN)	7603201DA	SNJ55110AFK	5962-87547012A
SNJ54AS867JT	5962-8966801LA	SNJ54LS90J	7603201CA	SNJ55110AJ	5962-8754701CA
54AS869 (GEN)	5962-89526013A	54C906 (GEN)	7705601AA	SNJ55110AW	5962-8754701DA
54AS869 (GEN)	5962-8952601KA	54C906 (GEN)	7705601CA	SNJ55113FK	5962-88744012A

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SNJ55113J	5962-8874401EA	AS5C512K8SOJ-20L	5962-9560012Q7A	512K8-45 (GEN)	5962-9561311H7A
SNJ55113W	5962-8874401FA	512K8-25 (GEN)	5962-9561308H7A	512K8-45 (GEN)	5962-9561311HNA
SNJ55114FK	5962-88744022A	512K8-25 (GEN)	5962-9561308HNA	512K8-45 (GEN)	5962-9561311HUA
SNJ55114J	5962-8874402EA	512K8-25 (GEN)	5962-9561313H7A	512K8-45 (GEN)	5962-9561311HZA
SNJ55114W	5962-8874402FA	512K8-25 (GEN)	5962-9561313HNA	512K8-45 (GEN)	5962-9561320H7A
SNJ55115FK	5962-88745012A	512K8-25 (GEN)	5962-9561313HUA	512K8-45 (GEN)	5962-9561320HNA
SNJ55115W	5962-8874501FA	512K8-25 (GEN)	5962-9561313HZA	512K8-45 (GEN)	5962-9561325H7A
SNJ55116FK	5962-88511012A	512K8-25 (GEN)	5962-9561322H7A	512K8-45 (GEN)	5962-9561325HNA
SNJ55116J	5962-8851101EA	512K8-25 (GEN)	5962-9561322HNA	512K8-45 (GEN)	5962-9561325HUA
55117 (GEN)	5962-88511022A	512K8-25 (GEN)	5962-9561327H7A	512K8-45 (GEN)	5962-9561325HZA
55117 (GEN)	5962-8851102PA	512K8-25 (GEN)	5962-9561327HNA	AS5C512K8E-45L	5962-9560005MNA
55119 (GEN)	5962-88511042A	512K8-25 (GEN)	5962-9561327HUA	AS5C512K8EC-45	5962-9560001MNA
55119 (GEN)	5962-8851104PA	512K8-25 (GEN)	5962-9561327HZA	AS5C512K8EC-45L	5962-9560009QNA
512K8-12 (GEN)	5962-9561328H7A	AS5C512K8EC-25	5962-9560003MNA	AS5C512K8ECJ-45	5962-9560001MMA
512K8-12 (GEN)	5962-9561328HNA	AS5C512K8EC-25L	5962-9560007MNA	AS5C512K8ECJ-45L	5962-9560005MMA
512K8-12 (GEN)	5962-9561329H7A	AS5C512K8EC-25L	5962-9560011QNA	AS5C512K8ECJ-45L	5962-9560009QMA
512K8-12 (GEN)	5962-9561329HNA	AS5C512K8ECJ-25	5962-9560003MMA	AS5C512K8F-45	5962-9560001MTA
AS5C512K8EC-12	5962-9560016QNA	AS5C512K8ECJ-25L	5962-9560007MMA	AS5C512K8F-45L	5962-9560005MTA
AS5C512K8EC-12L	5962-9560015QNA	AS5C512K8ECJ-25L	5962-9560011QMA	AS5C512K8F-45L	5962-9560009QTA
AS5C512K8ECJ-12	5962-9560016QMA	AS5C512K8F-25	5962-9560003MTA	AS5C512K8SOJ-45	5962-9560001M7A
AS5C512K8ECJ-12L	5962-9560015QMA	AS5C512K8F-25L	5962-9560007MTA	AS5C512K8SOJ-45L	5962-9560005M7A
AS5C512K8F-12	5962-9560016QTA	AS5C512K8F-25L	5962-9560011QTA	AS5C512K8SOJ-45L	5962-9560009Q7A
AS5C512K8F-12L	5962-9560015QTA	AS5C512K8SOJ-25	5962-9560003M7A	512K8-55 (GEN)	5962-9561305H7A
AS5C512K8SOJ-12	5962-9560016Q7A	AS5C512K8SOJ-25L	5962-9560007M7A	512K8-55 (GEN)	5962-9561305HNA
AS5C512K8SOJ-12L	5962-9560015Q7A	AS5C512K8SOJ-25L	5962-9560011Q7A	512K8-55 (GEN)	5962-9561319H7A
AS5C512K8EC-15	5962-9560014QNA	WMS512K8L-25FT	5962-9561322HUC	512K8-55 (GEN)	5962-9561319HNA
AS5C512K8EC-15L	5962-9560013QNA	512K8-35 (GEN)	5962-9561307H7A	ADL5513AF/QMLR	5962R1120301VXA
AS5C512K8ECJ-15	5962-9560014QMA	512K8-35 (GEN)	5962-9561307HNA	55138/BEA	5962-8851201QEA
AS5C512K8ECJ-15L	5962-9560013QMA	512K8-35 (GEN)	5962-9561312H7A	SNJ55ALS160FK	5962-89680012A
AS5C512K8F-15	5962-9560014QTA	512K8-35 (GEN)	5962-9561312HNA	SNJ55ALS160J	5962-8968001RA
AS5C512K8F-15L	5962-9560013QTA	512K8-35 (GEN)	5962-9561312HUA	SNJ55ALS160W	5962-8968001SA
AS5C512K8SOJ-15	5962-9560014Q7A	512K8-35 (GEN)	5962-9561312HZA	55ALS161 (GEN)	5962-8968101SA
AS5C512K8SOJ-15L	5962-9560013Q7A	512K8-35 (GEN)	5962-9561321H7A	SNJ55ALS161FK	5962-89681012A
512K8-17 (GEN)	5962-9561310H7A	512K8-35 (GEN)	5962-9561321HNA	SNJ55ALS161J	5962-8968101RA
512K8-17 (GEN)	5962-9561310HNA	512K8-35 (GEN)	5962-9561326H7A	55161-70 (GEN)	5962-9454902MXA
512K8-17 (GEN)	5962-9561324H7A	512K8-35 (GEN)	5962-9561326HNA	55161-70 (GEN)	5962-9454902MYA
512K8-17 (GEN)	5962-9561324HNA	512K8-35 (GEN)	5962-9561326HUA	55161-75 (GEN)	5962-9454903QXA
512K8-20 (GEN)	5962-9561309H7A	512K8-35 (GEN)	5962-9561326HZA	55161-75 (GEN)	5962-9454903QYC
512K8-20 (GEN)	5962-9561309HNA	AS5C512K8EC-35	5962-9560002MNA	55161-80 (GEN)	5962-9454901MXA
512K8-20 (GEN)	5962-9561323H7A	AS5C512K8EC-35L	5962-9560006MNA	55161-80 (GEN)	5962-9454901MYC
512K8-20 (GEN)	5962-9561323HNA	AS5C512K8EC-35L	5962-9560010QNA	55166-70 (GEN)	5962-9564302QXA
AS5C512K8EC-20	5962-9560004MNA	AS5C512K8ECJ-35	5962-9560002MMA	55166-70 (GEN)	5962-9564302QYC
AS5C512K8EC-20L	5962-9560008MNA	AS5C512K8ECJ-35L	5962-9560006MMA	55166-75 (GEN)	5962-9564303QXA
AS5C512K8EC-20L	5962-9560012QNA	AS5C512K8ECJ-35L	5962-9560010QMA	55166-75 (GEN)	5962-9564303QYC
AS5C512K8ECJ-20	5962-9560004MMA	AS5C512K8F-35	5962-9560002MTA	55166-80 (GEN)	5962-9564301QXA
AS5C512K8ECJ-20L	5962-9560008MMA	AS5C512K8F-35L	5962-9560006MTA	55166-80 (GEN)	5962-9564301QYC
AS5C512K8ECJ-20L	5962-9560012QMA	AS5C512K8F-35L	5962-9560010QTA	SNJ55LBC172FK	5962-9076503Q2A
AS5C512K8F-20	5962-9560004MTA	AS5C512K8SOJ-35	5962-9560002M7A	SNJ55LBC172J	5962-9076503QEA
AS5C512K8F-20L	5962-9560008MTA	AS5C512K8SOJ-35L	5962-9560006M7A	SNJ55LBC172W	5962-9076503QFA
AS5C512K8F-20L	5962-9560012QTA	AS5C512K8SOJ-35L	5962-9560010Q7A	SNJ55LBC173FK	5962-9076604Q2A
AS5C512K8SOJ-20	5962-9560004M7A	512K8-45 (GEN)	5962-9561306H7A	SNJ55LBC173J	5962-9076604QEA
AS5C512K8SOJ-20L	5962-9560008M7A	512K8-45 (GEN)	5962-9561306HNA	SNJ55LBC173W	5962-9076604QFA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SNJ55LBC174FK	5962-9076504Q2A	5539 (GEN)	5962-8606401CA	55976A2 (GEN)	5962-9689302NYD
SNJ55LBC174J	5962-9076504QEA	HCPL-553K	5962-8767906KPC	55976A2 (GEN)	5962-9689302QXA
SNJ55LBC174W	5962-9076504QFA	HCPL-553K#100	5962-8767906KYA	ACPL-560KL	5962-0824201KPC
SNJ55LBC175FK	5962-9076603Q2A	HCPL-553K#100	5962-8767906KYC	ACPL-560KL-100	5962-0824201KYA
SNJ55LBC175J	5962-9076603QEA	HCPL-553K#200	5962-8767906KPA	ACPL-560KL-100	5962-0824201KYC
SNJ55LBC175W	5962-9076603QFA	HCPL-553K#300	5962-8767906KXA	ACPL-560KL-200	5962-0824201KPA
SNJ55LBC176FK	5962-9318301Q2A	SNJ55451BFB	77049022A	ACPL-560KL-300	5962-0824201KXA
SNJ55LBC176JG	5962-9318301QPA	SNJ55451BJG	7704902PA	HCPL-560K	5962-9085501KPC
SNJ55182FK/883	79008012A	SNJ55452BFB	77049012A	HCPL-560K#100	5962-9085501KYA
SNJ55182J/883	7900801CA	SNJ55452BJG	7704901PA	HCPL-560K#100	5962-9085501KYC
SNJ55182W/883	7900801DA	SNJ55453BFB	5962-9563301Q2A	HCPL-560K#200	5962-9085501KPA
SNV55182J	5962-7900801VCA	SNJ55453BJG	5962-9563301QPA	HCPL-560K#300	5962-9085501KXA
SNV55182W	5962-7900801VDA	SG55454 (GEN)	5962-88715012A	SL560AC (GEN)	5962-9052001XA
55183 (GEN)	7900901AA	SG55464 (GEN)	5962-88715022A	56001-20 (GEN)	5962-8951201XA
S55183 (GEN)	7900901DA	SG55464 (GEN)	5962-8871502PA	56001-20 (GEN)	5962-8951201YC
SNJ55183FK	79009012A	SG55474 (GEN)	5962-88715032A	56001A-20 (GEN)	5962-8951202XA
SNJ55183J	7900901CA	SG55474 (GEN)	5962-8871503PA	56001A-20 (GEN)	5962-8951202YC
SNV55183J	5962-7900901VCA	LMC555 (GEN)	5962-8950305CA	56002-40 (GEN)	5962-9456401QXA
SNJ55188FK	5962-86889012A	LMC555 (GEN)	5962-8950305GA	ACPL-5601L	5962-0824201HPC
SNJ55188J	5962-8688901CA	LMC555 (GEN)	5962-8950305PA	ACPL-5601L-100	5962-0824201HYA
SNJ55188W	5962-8688901DA	SE555JG	5962-9855501VPA	ACPL-5601L-100	5962-0824201HYC
55189 (GEN)	5962-86888012A	TLC555MFKB	5962-89503012A	ACPL-5601L-200	5962-0824201HPA
55189 (GEN)	5962-8688801CA	TLC555MJGB	5962-8950301PA	ACPL-5601L-300	5962-0824201HXA
SNJ55189AFK	5962-86888022A	55500EFD/BZA	8601801ZA	HCPL-5601	5962-9085501HPC
SNJ55189AJ	5962-8688802CA	55500EFJ/BXA	8601801XA	HCPL-5601#100	5962-9085501HYA
SNJ55189AW	5962-8688802DA	55500EJ/BQA	8601801QA	HCPL-5601#100	5962-9085501HYC
55ALS194/B2A	5962-88648012A	55501EFD/BZA	8601802ZA	HCPL-5601#200	5962-9085501HPA
55ALS194/BEA	5962-8864801EA	55501EFJ/BXA	8601802XA	HCPL-5601#300	5962-9085501HXA
55ALS194/BFA	5962-8864801FA	55501EJ/BQA	8601802QA	TLC5602 (GEN)	5962-9469301Q2A
55ALS195 (GEN)	5962-88649012A	55551/BXA	5962-8605401XA	TLC5602 (GEN)	5962-9469301QRA
55ALS195 (GEN)	5962-8864901EA	55551/BYA	5962-8605401YA	TLC5618AMFKB	5962-9955702Q2A
55ALS195 (GEN)	5962-8864901FA	55552/BXA	5962-8605402XA	TLC5618AMJGB	5962-9955702QPA
5521 (GEN)	5962-9087901MVA	55552/BYA	5962-8605402YA	TLV5618AMFKB	5962-9955701Q2A
SN55LVCP22W-SP	5962-1124201VFA	55553/BXA	5962-8605501XA	TLV5618AMJGB	5962-9955701QPA
SN55HVD233-RHA	5962L1420901VXC	55553/BYA	5962-8605501YA	562 (GEN)	8100801JA
HCPL-5531	5962-8767902PC	55554/BXA	5962-8605502XA	563 (GEN)	8100802JA
HCPL-5531#100	5962-8767902YA	55554/BYA	5962-8605502YA	ACPL-563KL	5962-0824202KPC
HCPL-5531#100	5962-8767902YC	55563A (GEN)	5962-9081301MXA	ACPL-563KL-100	5962-0824202KYA
HCPL-5531#200	5962-8767902PA	55564A (GEN)	5962-9081302MXA	ACPL-563KL-100	5962-0824202KYC
HCPL-5531#300	5962-8767902XA	TLC556MFKB	5962-89503022A	ACPL-563KL-200	5962-0824202KPA
SNJ55LVDS31FK	5962-9762101Q2A	TLC556MJB	5962-8950302CA	ACPL-563KL-300	5962-0824202KXA
SNJ55LVDS31J	5962-9762101QEA	5560 (GEN)	5962-8672201EA	HCPL-563K	5962-9800102KPC
SNJ55LVDS31W	5962-9762101QFA	5565250 (GEN)	5962-8751427XA	ACPL-5631L	5962-0824202HPC
SNV55LVDS31W	5962-9762101VFA	5565250 (GEN)	5962-8751427YA	ACPL-5631L-100	5962-0824202HYA
55LVDS32 (GEN)	5962-9762202Q2A	5565250 (GEN)	5962-8751427ZA	ACPL-5631L-100	5962-0824202HYC
SNJ55LVDS32FK	5962-9762201Q2A	AD558SD/883B	5962-8778901EA	ACPL-5631L-200	5962-0824202HPA
SNJ55LVDS32J	5962-9762201QEA	AD558SE/883B	5962-87789012A	ACPL-5631L-300	5962-0824202HXA
SNJ55LVDS32W	5962-9762201QFA	AD558TD/883B	5962-8778902EA	HCPL-5631	8102802PC
SNV55LVDS32J	5962-9762201VEA	AD558TE/883B	5962-87789022A	HCPL-5631#100	8102802YA
SNV55LVDS32W	5962-9762201VFA	55LBC976 (GEN)	5962-9672901QXA	HCPL-5631#100	8102802YC
SN55LVDS33-SP	5962-0724801VFA	55976A1 (GEN)	5962-9689301NYD	HCPL-5631#200	8102802PA
5537 (GEN)	5962-8760802PA	SNJ55976A1WD	5962-9689301QXA	HCPL-5631#300	8102802ZA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
HCPL-563K#100	5962-9800102KYA	ACPL-570KL-100	5962-0822701KYA	57C256F-45	5962-8606310UA
HCPL-563K#100	5962-9800102KYC	ACPL-570KL-100	5962-0822701KYC	57C256F-45	5962-8606310XA
HCPL-563K#200	5962-9800102KPA	HCPL-570K#100	5962-8981002KYA	57C256F-45	5962-8606310YA
HCPL-563K#300	5962-9800102KZA	HCPL-570K#100	5962-8981002KYC	57C256F-45	5962-8606310YC
TLV5638MFKB	5962-9957601Q2A	WS57C010F-35CMB	5962-8961416MYA	AT27C256R-45/UA	5962-8606310UA
TLV5638MJGB	5962-9957601QPA	WS57C010F-35CMB	5962-8961416MYC	57C256F-55	5962-8606309UA
5C6408-70 (GEN)	5962-3829406MUA	WS57C010F-35DMB	5962-8961416MXA	57C256F-55	5962-8606309XA
5C6408-15 (GEN)	5962-8969106NA	WS57C010F-45CMB	5962-8961415MYA	57C256F-55	5962-8606309YA
5C6408-15 (GEN)	5962-8969106YA	WS57C010F-45CMB	5962-8961415MYC	57C256F-55	5962-8606309YC
5C6408-20 (GEN)	5962-8969104NA	WS57C010F-45DMB	5962-8961415MXA	AT27C256R-55/XA	5962-8606309XA
5C6408-20 (GEN)	5962-8969104YA	WS57C010F-55CMB	5962-8961409MYA	AT27C256R-55/YA	5962-8606309YA
5C6408-25 (GEN)	5962-3829428MMA	WS57C010F-55CMB	5962-8961409MYC	AT27C256R-55/YC	5962-8606309YC
5C6408-25 (GEN)	5962-8969102NA	WS57C010F-55CMB	5962-8961414MYA	57C256F-70	5962-8606308XA
5C6408-25 (GEN)	5962-8969102YA	WS57C010F-55CMB	5962-8961414MYC	57C256F-70	5962-8606308YA
5C6408-45 (GEN)	5962-8552506TA	WS57C010F-55DMB	5962-8961409MXA	57C256F-70	5962-8606308YC
5C6408-45 (GEN)	5962-8552506YA	WS57C010F-55DMB	5962-8961414MXA	WS57C291C-25CMB	5962-87650053A
5C6408-55 (GEN)	5962-3829409MUA	WS57C010F-70CMB	5962-8961408MYA	WS57C291C-25CMB	5962-87650053C
5C6408-70 (GEN)	5962-3829406MMA	WS57C010F-70CMB	5962-8961408MYC	WS57C291C-25FMB	5962-8765005KA
565AS (GEN)	5962-9689201VKA	WS57C010F-70CMB	5962-8961413MYA	WS57C291C-25KMB	5962-8873404LA
565AS (GEN)	5962-9689201VLA	WS57C010F-70CMB	5962-8961413MYC	WS57C291C-25TMB	5962-8765005LA
565AT (GEN)	5962-9689202VLA	WS57C010F-70DMB	5962-8961408MXA	WS57C291C-25ZMB	5962-88734043A
AD565ASD/QMLV	5962-9689201VJA	WS57C010F-70DMB	5962-8961413MXA	WS57C291C-25ZMB	5962-88734043C
AD565ATD/QMLV	5962-9689202VJA	WS57C010F-90CMB	5962-8961407MYA	WS57C291C-35CMB	5962-87650033A
HS0-565BEH-Q	5962R9675503V9A	WS57C010F-90CMB	5962-8961407MYC	WS57C291C-35CMB	5962-87650033C
HS0-565BRH-Q	5962R9675502V9A	WS57C010F-90DMB	5962-8961407MXA	WS57C291C-35FMB	5962-8765003KA
HS1-565BEH-Q	5962R9675503VJC	ACPL-5701L-100	5962-0822701HYA	WS57C291C-35KMB	5962-8873403LA
HS1-565BRH-Q	5962R9675502VJC	ACPL-5701L-100	5962-0822701HYC	WS57C291C-35TMB	5962-8765003LA
HS-565A (GEN)	5962R9675501TJC	HCPL-5701#100	5962-8981001YA	WS57C291C-35ZMB	5962-88734033A
HS-565A (GEN)	5962R9675501TXC	HCPL-5701#100	5962-8981001YC	WS57C291C-35ZMB	5962-88734033C
HS-565A (GEN)	5962R9675501V9A	ACPL-5701L-200	5962-0822701HPA	WS57C291C-45CMB	5962-87650043A
HS-565A (GEN)	5962R9675501VJC	HCPL-5701#200	5962-8981001PA	WS57C291C-45CMB	5962-87650043C
HS-565A (GEN)	5962R9675501VXC	ACPL-5701L-300	5962-0822701HXA	WS57C291C-45FMB	5962-8765004KA
HS9-565BEH-Q	5962R9675503VXC	HCPL-5701#300	5962-8981001XA	WS57C291C-45KMB	5962-8873402LA
HS9-565BRH-Q	5962R9675502VXC	ACPL-570KL-200	5962-0822701KPA	WS57C291C-45TMB	5962-8765004LA
HCPL-5651	8102805PC	HCPL-570K#200	5962-8981002KPA	WS57C291C-45ZMB	5962-88734023A
HCPL-5651#200	8102805PA	ACPL-570KL-300	5962-0822701KXA	WS57C291C-45ZMB	5962-88734023C
567 (GEN)	5962-8700301CA	HCPL-570K#300	5962-8981002KXA	WS57C291C-50CMB	5962-87650013A
567 (GEN)	5962-8700301PA	AD571SD/883B	5962-8680202VA	WS57C291C-50CMB	5962-87650013C
AD567SD/883B	5962-8780101XA	AD571SD/QMLV	5962-8680203VVA	WS57C291C-50FMB	5962-8765001KA
DAC5670MGEM-V	5962-0724701VXA	WS57C128FB-70CMB	5962-8766108YA	WS57C291C-50TMB	5962-8765001LA
DAC5675AMHFG-V	5962-0720401VXC	WS57C128FB-70DMB	5962-8766108XA	WS57C291C-55CMB	5962-87650023A
DAC5675AWHFG-V	5962-0720402VXC	WS57C191C-25HMB	5962-8873404KA	WS57C291C-55CMB	5962-87650023C
568A (GEN)	5962-9458201MRA	WS57C191C-35HMB	5962-8873403KA	WS57C291C-55FMB	5962-8765002KA
AD568SE (GEN)	5962-89808023A	WS57C191C-35YMB	5962-8873403JA	WS57C291C-55KMB	5962-8873401LA
AD568SQ (GEN)	5962-8980801JA	WS57C191C-45DMB	5962-8765004JA	WS57C291C-55TMB	5962-8765002LA
AD568SQ/883B	5962-8980801LA	WS57C191C-45HMB	5962-8873402KA	WS57C291C-55ZMB	5962-88734013A
ACPL-570KL	5962-0822701KPC	WS57C191C-45YMB	5962-8873402JA	WS57C291C-55ZMB	5962-88734013C
AD570SD/883B	5962-8680201VA	WS57C191C-50DMB	5962-8765001JA	ACPL-573KL	5962-0822702KPC
HCPL-570K	5962-8981002KPC	WS57C191C-55DMB	5962-8765002JA	ACS573 (GEN)	5962F9672401VRC
HI-5700S (GEN)	5962-9467801MXA	WS57C191C-55HMB	5962-8873401KA	ACS573KMSR	5962F9672401VXC
ACPL-5701L	5962-0822701HPC	WS57C191C-55YMB	5962-8873401JA	ACTS573 (GEN)	5962F9672501VRC
HCPL-5701	5962-8981001PC	WS57C191C-25YMB	5962-8873404JA	ACTS573 (GEN)	5962F9672501VXC



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
AD573SD/883	5962-8850501RA	HCTS574 (GEN)	5962R9575801VXC	WS57C45-25KMB	5962-8981502LA
HCPL-573K	5962-8978503KPC	H11-574ATD/883	5962-8512704XA	WS57C45-25ZMB	5962-88735043A
HCPL-573K#100	5962-8978503KYA	HS574AT (GEN)	5962-85127083C	WS57C45-25ZMB	5962-88735043C
HCPL-573K#100	5962-8978503KYC	HS574AT (GEN)	5962-8512708XC	WS57C45-25ZMB	5962-89815023A
HCPL-573K#200	5962-8978503KPA	HS574AU (GEN)	5962-85127073C	WS57C45-25ZMB	5962-89815023C
HCPL-573K#300	5962-8978503KZA	HS574AU (GEN)	5962-8512707XC	WS57C45-35CMB	5962-87529023A
HCS573 (GEN)	5962R9579401V9A	57L401D (GEN)	5962-8779109EA	WS57C45-35CMB	5962-87529023C
HCS573 (GEN)	5962R9579401VRC	57L4013D (GEN)	5962-8779111EA	WS57C45-35FMB	5962-8752902KA
HCS573KMSR	5962R9579401VXC	57402 (GEN)	5962-87791022A	WS57C45-35HMB	5962-8873502KA
ACS573 (GEN)	5962F9672402V9A	57402 (GEN)	5962-8779102VA	WS57C45-35HMB	5962-8873503KA
ACS573 (GEN)	5962F9672402VRC	57402A (GEN)	5962-87791042A	WS57C45-35HMB	5962-8981501KA
ACS573 (GEN)	5962F9672402VXC	57402A (GEN)	5962-8779104VA	WS57C45-35KMB	5962-8873502LA
ACTS573-02 (GEN)	5962F9672502V9A	57L402D (GEN)	5962-8779110VA	WS57C45-35KMB	5962-8873503LA
ACTS573-02 (GEN)	5962F9672502VRC	C57402 (GEN)	5962-87791062A	WS57C45-35KMB	5962-8981501LA
ACTS573-02 (GEN)	5962F9672502VXC	C57402 (GEN)	5962-8779106VA	WS57C45-35TMB	5962-8752902LA
ACTS573-02 (GEN)	5962R9672502TRC	C57402A (GEN)	5962-87791082A	WS57C45-35ZMB	5962-88735023A
ACTS573-02 (GEN)	5962R9672502TXC	C57402A (GEN)	5962-8779108VA	WS57C45-35ZMB	5962-88735023C
ACPL-5731L	5962-0822702HPC	WS57C43C-35-CMB	5962-90658043A	WS57C45-35ZMB	5962-88735033A
HCPL-5731	5962-8978501PC	WS57C43C-35-CMB	5962-90658043C	WS57C45-35ZMB	5962-88735033C
HCPL-5731#100	5962-8978501YA	WS57C43C-35-DMB	5962-9065804JA	WS57C45-35ZMB	5962-89815013A
HCPL-5731#100	5962-8978501YC	WS57C43C-35-DMB	5962-9065804JC	WS57C45-35ZMB	5962-89815013C
HCPL-5731#200	5962-8978501PA	WS57C43C-35-FMB	5962-9065804KA	WS57C45-45CMB	5962-87529013A
HCPL-5731#300	5962-8978501ZA	WS57C43C-35-FMB	5962-9065804KC	WS57C45-45CMB	5962-87529013C
ACPL-573KL-100	5962-0822702KYA	WS57C43C-35-TMB	5962-9065804LA	WS57C45-45FMB	5962-8752901KA
ACPL-573KL-100	5962-0822702KYC	WS57C43C-35-TMB	5962-9065804LC	WS57C45-45HMB	5962-8873501KA
ACPL-5731L-100	5962-0822702HYA	WS57C43C-45-CMB	5962-90658033A	WS57C45-45KMB	5962-8873501LA
ACPL-5731L-100	5962-0822702HYC	WS57C43C-45-CMB	5962-90658033C	WS57C45-45TMB	5962-8752901LA
ACPL-5731L-200	5962-0822702HPA	WS57C43C-45-DMB	5962-9065803JA	WS57C45-45ZMB	5962-88735013A
ACPL-5731L-300	5962-0822702HXA	WS57C43C-45-DMB	5962-9065803JC	WS57C45-45ZMB	5962-88735013C
ACPL-573KL-200	5962-0822702KPA	WS57C43C-45-FMB	5962-9065803KA	WS57C49C-35CMB	5962-87515073A
ACPL-573KL-300	5962-0822702KXA	WS57C43C-45-FMB	5962-9065803KC	WS57C49C-35CMB	5962-87515073C
574AT (GEN)	5962-8512704YA	WS57C43C-45-TMB	5962-9065803LA	WS57C49C-35CMB	5962-87515083A
574AU (GEN)	5962-8512703XA	WS57C43C-45-TMB	5962-9065803LC	WS57C49C-35CMB	5962-87515083C
574AU (GEN)	5962-8512703YA	WS57C43C-55-CMB	5962-90658023A	WS57C49C-35DMB	5962-8751507JA
574ZA (GEN)	5962-85127053A	WS57C43C-55-CMB	5962-90658023C	WS57C49C-35DMB	5962-8751508JA
574ZA (GEN)	5962-8512705XC	WS57C43C-55-DMB	5962-9065802JA	WS57C49C-35FMB	5962-8751507KA
574ZB (GEN)	5962-85127063A	WS57C43C-55-DMB	5962-9065802JC	WS57C49C-35FMB	5962-8751508KA
574ZB (GEN)	5962-8512706XC	WS57C43C-55-FMB	5962-9065802KA	WS57C49C-35HMB	5962-9080303MKA
AD574AT (GEN)	5962-8512702VXA	WS57C43C-55-FMB	5962-9065802KC	WS57C49C-35HMB	5962-9080307MKA
AD574AT (GEN)	5962-8512702VZA	WS57C43C-55-TMB	5962-9065802LA	WS57C49C-35KMB	5962-9080303MLA
AD574ATD/883B	5962-8512702XA	WS57C43C-55-TMB	5962-9065802LC	WS57C49C-35KMB	5962-9080307MLA
AD574ATD/QMLR	5962R8512702VXA	WS57C43C-70-CMB	5962-90658013A	WS57C49C-35TMB	5962-8751507LA
AD574ATE/883B	5962-85127023A	WS57C43C-70-CMB	5962-90658013C	WS57C49C-35TMB	5962-8751508LA
AD574ATF/QMLR	5962R8512702VZA	WS57C43C-70-DMB	5962-9065801JA	WS57C49C-35YMB	5962-9080307MJA
AD574AU (GEN)	5962-8512701VXA	WS57C43C-70-DMB	5962-9065801JC	WS57C49C-35ZMB	5962-9080303M3A
AD574AU (GEN)	5962-8512701VZA	WS57C43C-70-FMB	5962-9065801KA	WS57C49C-35ZMB	5962-9080303M3C
AD574AUD/883B	5962-8512701XA	WS57C43C-70-FMB	5962-9065801KC	WS57C49C-35ZMB	5962-9080307M3A
AD574AUD/QMLR	5962R8512701VXA	WS57C43C-70-TMB	5962-9065801LA	WS57C49C-35ZMB	5962-9080307M3C
AD574AUE/883B	5962-85127013A	WS57C43C-70-TMB	5962-9065801LC	WS57C49C-45CMB	5962-87515013A
AD574AUF/QMLR	5962R8512701VZA	WS57C45-25HMB	5962-8873504KA	WS57C49C-45CMB	5962-87515013C
HCTS574 (GEN)	5962R9575801V9A	WS57C45-25HMB	5962-8981502KA	WS57C49C-45CMB	5962-87515053A
HCTS574 (GEN)	5962R9575801VRC	WS57C45-25KMB	5962-8873504LA	WS57C49C-45CMB	5962-87515053C

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
WS57C49C-45CMB	5962-87515093A	WS57C49C-90FMB	5962-8751504KA	MSK 5820-1.5KRHU	5962F0921604KYC
WS57C49C-45CMB	5962-87515093C	WS57C49C-90TMB	5962-8751504LA	MSK 5820-1.8HRHD	5962F0921610HZC
WS57C49C-45DMB	5962-8751501JA	MPT57571 (GEN)	5962-9958901QXC	MSK 5820-1.8HRHGW	5962F0921610HMC
WS57C49C-45DMB	5962-8751505JA	MPT57604 (GEN)	5962-9959001QXC	MSK 5820-1.8HRHS	5962F0921610HXC
WS57C49C-45DMB	5962-8751509JA	MPT57605	5962-0151301QXC	MSK 5820-1.8HRHU	5962F0921610HYC
WS57C49C-45FMB	5962-8751501KA	HCPL-5761	5962-8947701PC	MSK 5820-1.8KRHD	5962F0921610KZC
WS57C49C-45FMB	5962-8751505KA	HCPL-5761#100	5962-8947701YA	MSK 5820-1.8KRHGW	5962F0921610KMC
WS57C49C-45FMB	5962-8751509KA	HCPL-5761#100	5962-8947701YC	MSK 5820-1.8KRHS	5962F0921610KXC
WS57C49C-45HMB	5962-9080302MKA	HCPL-5761#200	5962-8947701PA	MSK 5820-1.8KRHU	5962F0921610KYC
WS57C49C-45HMB	5962-9080306MKA	HCPL-5761#300	5962-8947701XA	MSK 5820-1.9HRHD	5962F0921605HZC
WS57C49C-45KMB	5962-9080302MLA	QP57C64-70/YA	8510207YA	MSK 5820-1.9HRHGW	5962F0921605HMC
WS57C49C-45KMB	5962-9080306MLA	QP57C64-70/ZA	8510207ZA	MSK 5820-1.9HRHS	5962F0921605HXC
WS57C49C-45TMB	5962-8751501LA	HCPL-576K	5962-8947702KPC	MSK 5820-1.9HRHU	5962F0921605HYC
WS57C49C-45TMB	5962-8751505LA	HCPL-576K#100	5962-8947702KYA	MSK 5820-1.9KRHD	5962F0921605KZC
WS57C49C-45TMB	5962-8751509LA	HCPL-576K#100	5962-8947702KYC	MSK 5820-1.9KRHGW	5962F0921605KMC
WS57C49C-45YMB	5962-9080306MJA	HCPL-576K#200	5962-8947702KPA	MSK 5820-1.9KRHS	5962F0921605KXC
WS57C49C-45ZMB	5962-9080302M3A	HCPL-576K#300	5962-8947702KXA	MSK 5820-1.9KRHU	5962F0921605KYC
WS57C49C-45ZMB	5962-9080302M3C	AD578S (GEN)	5962-8865801XA	MSK 5820-2.5HRHD	5962F0921606HZC
WS57C49C-45ZMB	5962-9080306M3A	AD578T (GEN)	5962-8865802XA	MSK 5820-2.5HRHGW	5962F0921606HMC
WS57C49C-45ZMB	5962-9080306M3C	AD578ZS (GEN)	5962-8865803XA	MSK 5820-2.5HRHS	5962F0921606HXC
WS57C49C-55CMB	5962-87515023A	AD578ZT (GEN)	5962-8865804XA	MSK 5820-2.5HRHU	5962F0921606HYC
WS57C49C-55CMB	5962-87515023C	580T (GEN)	5962-8686102PA	MSK 5820-2.5KRHD	5962F0921606KZC
WS57C49C-55CMB	5962-87515063A	580U (GEN)	5962-8686103PA	MSK 5820-2.5KRHGW	5962F0921606KMC
WS57C49C-55CMB	5962-87515063C	AD580SH/883B	5962-8686101XA	MSK 5820-2.5KRHS	5962F0921606KXC
WS57C49C-55CMB	5962-87515103A	AD580TH/883B	5962-8686102XA	MSK 5820-2.5KRHU	5962F0921606KYC
WS57C49C-55CMB	5962-87515103C	AD580UH/883B	5962-8686103XA	MSK 5820-2.8HRHD	5962F0921607HZC
WS57C49C-55DMB	5962-8751502JA	MIC5800 (GEN)	5962-8764002CA	MSK 5820-2.8HRHGW	5962F0921607HMC
WS57C49C-55DMB	5962-8751506JA	MSK 5800HRH	5962F0921601HNC	MSK 5820-2.8HRHS	5962F0921607HXC
WS57C49C-55DMB	5962-8751510JA	MSK 5800KRH	5962F0921601KNC	MSK 5820-2.8HRHU	5962F0921607HYC
WS57C49C-55FMB	5962-8751502KA	MYX6M5801C22	5962-8764001WA	MSK 5820-2.8KRHD	5962F0921607KZC
WS57C49C-55FMB	5962-8751506KA	58035396-012	5962F07A0602QXC	MSK 5820-2.8KRHGW	5962F0921607KMC
WS57C49C-55FMB	5962-8751510KA	AD581UH/883B	5962-8688203XA	MSK 5820-2.8KRHS	5962F0921607KXC
WS57C49C-55HMB	5962-9080301MKA	MSK 5810HRH	5962F0921602HTC	MSK 5820-2.8KRHU	5962F0921607KYC
WS57C49C-55HMB	5962-9080305MKA	MSK 5810HRHG	5962F0921602HUC	MSK 5820-3.3HRHD	5962F0921608HZC
WS57C49C-55KMB	5962-9080301MLA	MSK 5810KRH	5962F0921602KTC	MSK 5820-3.3HRHGW	5962F0921608HMC
WS57C49C-55KMB	5962-9080305MLA	MSK 5810KRHG	5962F0921602KUC	MSK 5820-3.3HRHS	5962F0921608HXC
WS57C49C-55TMB	5962-8751502LA	AS58C1001ECA-15/883	5962-3826718QUA	MSK 5820-3.3HRHU	5962F0921608HYC
WS57C49C-55TMB	5962-8751506LA	AS58C1001ECA-20/883	5962-3826717QUA	MSK 5820-3.3KRHD	5962F0921608KZC
WS57C49C-55TMB	5962-8751510LA	AS58C1001ECA-25/883	5962-3826716QUA	MSK 5820-3.3KRHGW	5962F0921608KMC
WS57C49C-55YMB	5962-9080305MJA	AS58C1001F-15/883C	5962-3826718QMA	MSK 5820-3.3KRHS	5962F0921608KXC
WS57C49C-55ZMB	5962-9080301M3A	AS58C1001F-20/883C	5962-3826717QMA	MSK 5820-3.3KRHU	5962F0921608KYC
WS57C49C-55ZMB	5962-9080301M3C	AS58C1001F-25/883C	5962-3826716QMA	MSK 5820-5.0HRHD	5962F0921609HZC
WS57C49C-55ZMB	5962-9080305M3A	AS58C1001SF-15/883C	5962-3826718QNA	MSK 5820-5.0HRHGW	5962F0921609HMC
WS57C49C-55ZMB	5962-9080305M3C	AS58C1001SF-20/883C	5962-3826717QNA	MSK 5820-5.0HRHS	5962F0921609HXC
WS57C49C-70CMB	5962-87515033A	AS58C1001SF-25/883C	5962-3826716QNA	MSK 5820-5.0HRHU	5962F0921609HYC
WS57C49C-70CMB	5962-87515033C	MSK 5820-1.5HRHD	5962F0921604HZC	MSK 5820-5.0KRHD	5962F0921609KZC
WS57C49C-70DMB	5962-8751503JA	MSK 5820-1.5HRHGW	5962F0921604HMC	MSK 5820-5.0KRHGW	5962F0921609KMC
WS57C49C-70FMB	5962-8751503KA	MSK 5820-1.5HRHS	5962F0921604HXC	MSK 5820-5.0KRHS	5962F0921609KXC
WS57C49C-70TMB	5962-8751503LA	MSK 5820-1.5HRHU	5962F0921604HYC	MSK 5820-5.0KRHU	5962F0921609KYC
WS57C49C-90CMB	5962-87515043A	MSK 5820-1.5KRHD	5962F0921604KZC	MSK 5821HRHD	5962F0921603HZC
WS57C49C-90CMB	5962-87515043C	MSK 5820-1.5KRHGW	5962F0921604KMC	MSK 5821HRHGW	5962F0921603HMC
WS57C49C-90DMB	5962-8751504JA	MSK 5820-1.5KRHS	5962F0921604KXC	MSK 5821HRHS	5962F0921603HXC

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MSK 5821HRHU	5962F0921603HYC	MSK 5824KRH	5962F0920801KYC	AD590M (GEN)	5962-8757104VYA
MSK 5821KRHD	5962F0921603KZC	MSK 5824KRHG	5962F0920801KXC	AD590MF/883B	5962-8757104XA
MSK 5821KRHW	5962F0921603KMC	MSK 5825-2.5HRH	5962F0920901HYC	AD590MF/QMLR	5962R8757104VXA
MSK 5821KRHS	5962F0921603KXC	MSK 5825-2.5HRHG	5962F0920901HXC	AD590MF/QMLR	5962R8757104VXC
MSK 5821KRHU	5962F0921603KYC	MSK 5825-2.5KRH	5962F0920901KYC	AD590MH/883B	5962-8757104YA
MIC5822 (GEN)	5962-8764101EA	MSK 5825-2.5KRHG	5962F0920901KXC	AD590MH/QMLL	5962L8757105VYA
MSK 5822-1.5HRHD	5962F0923601HZC	MSK 5825-3.3HRH	5962F0920902HYC	AD590MH/QMLR	5962R8757104VYA
MSK 5822-1.5HRHS	5962F0923601HXC	MSK 5825-3.3HRHG	5962F0920902HXC	MSK5900HRH	5962R0522001HSC
MSK 5822-1.5HRHU	5962F0923601HYC	MSK 5825-3.3KRH	5962F0920902KYC	MSK5900KRH	5962R0522001KSC
MSK 5822-1.5KRHD	5962F0923601KZC	MSK 5825-3.3KRHG	5962F0920902KXC	RHD5900-201-1S	5962-1024101KXC
MSK 5822-1.5KRHS	5962F0923601KXC	MSK 5826HRH	5962F0921001HYC	RHD5900-201-2S	5962-1024101KXA
MSK 5822-1.5KRHU	5962F0923601KYC	MSK 5826HRHG	5962F0921001HXC	RHD5900-901-1S	5962H1024101KXC
MSK 5822-1.9HRHD	5962F0923602HZC	MSK 5826KRH	5962F0921001KYC	RHD5900-901-2S	5962H1024101KXA
MSK 5822-1.9HRHS	5962F0923602HXC	MSK 5826KRHG	5962F0921001KXC	RHD5901-201-1S	5962-1024102KXC
MSK 5822-1.9HRHU	5962F0923602HYC	AD584S (GEN)	5962-3812801M2A	RHD5901-201-2S	5962-1024102KXA
MSK 5822-1.9KRHD	5962F0923602KZC	AD584SH/QMLR	5962R3812801VGA	RHD5901-901-1S	5962H1024102KXC
MSK 5822-1.9KRHS	5962F0923602KXC	AD584SH/QMLV	5962-3812801VGA	RHD5901-901-2S	5962H1024102KXA
MSK 5822-1.9KRHU	5962F0923602KYC	AD584T (GEN)	5962-3812802M2A	RHD5902-201-1S	5962-1024103KXC
MSK 5822-2.5HRHD	5962F0923603HZC	AD584TH/QMLL	5962L3812805VGA	RHD5902-201-2S	5962-1024103KXA
MSK 5822-2.5HRHS	5962F0923603HXC	AD584TH/QMLR	5962R3812802VGA	RHD5902-901-1S	5962H1024103KXC
MSK 5822-2.5HRHU	5962F0923603HYC	AD584TH/QMLV	5962-3812802VGA	RHD5902-901-2S	5962H1024103KXA
MSK 5822-2.5KRHD	5962F0923603KZC	MX584S (GEN)	5962-3812803M2C	HI5905 (GEN)	5962-9859101NXB
MSK 5822-2.5KRHS	5962F0923603KXC	MX584S (GEN)	5962-3812803MGC	MN5906 (GEN)	5962-9326201MVA
MSK 5822-2.5KRHU	5962F0923603KYC	MX584S (GEN)	5962-3812803MPA	MSK5910HRH	5962R0522002HTC
MSK 5822-2.8HRHD	5962F0923604HZC	MX584T (GEN)	5962-3812804M2C	MSK5910HRHG	5962R0522002HUC
MSK 5822-2.8HRHS	5962F0923604HXC	MX584T (GEN)	5962-3812804MGC	MSK5910KRH	5962R0522002KTC
MSK 5822-2.8HRHU	5962F0923604HYC	MX584T (GEN)	5962-3812804MPA	MSK5910KRHG	5962R0522002KUC
MSK 5822-2.8KRHD	5962F0923604KZC	AD585SE/883B	5962-87540012A	RHD5910-201-1S	5962-1024201KXC
MSK 5822-2.8KRHS	5962F0923604KXC	AD585SQ/883B	5962-8754001CA	RHD5910-201-2S	5962-1024201KXA
MSK 5822-2.8KRHU	5962F0923604KYC	AD586SQ/883B	5962-8982401PA	RHD5910-901-1S	5962H1024201KXC
MSK 5822-3.3HRHD	5962F0923605HZC	AD586TQ/883B	5962-8982402PA	RHD5910-901-2S	5962H1024201KXA
MSK 5822-3.3HRHS	5962F0923605HXC	AD587S (GEN)	5962-8982501PA	RHD5911 (GEN)	5962-1024202KXA
MSK 5822-3.3HRHU	5962F0923605HYC	AD587TQ/883B	5962-8982502PA	RHD5911 (GEN)	5962H1024202KXA
MSK 5822-3.3KRHD	5962F0923605KZC	AD587UQ/883B	5962-8982503PA	RHD5912-201-1S	5962-1024203KXC
MSK 5822-3.3KRHS	5962F0923605KXC	AD588S (GEN)	5962-89728012A	RHD5912-201-2S	5962-1024203KXA
MSK 5822-3.3KRHU	5962F0923605KYC	AD588S (GEN)	5962-8972801EA	RHD5912-901-1S	5962H1024203KXC
MSK 5822-5.0HRHD	5962F0923606HZC	AD588T (GEN)	5962-8972802EA	RHD5912-901-2S	5962H1024203KXA
MSK 5822-5.0HRHS	5962F0923606HXC	AD588TE/883B	5962-89728022A	592 (GEN)	84185022A
MSK 5822-5.0HRHU	5962F0923606HYC	AD589TH/QMLV	5962-8992901VXA	592 (GEN)	8418502CA
MSK 5822-5.0KRHD	5962F0923606KZC	AD590JF/883B	5962-8757101XA	592 (GEN)	8418502HA
MSK 5822-5.0KRHS	5962F0923606KXC	AD590JH/883B	5962-8757101YA	592 (GEN)	8418502IA
MSK 5822-5.0KRHU	5962F0923606KYC	AD590K (GEN)	5962-8757102VXA	MSK5920-1.5HRHD	5962R0522004HZC
MSK 5823-1.8HRH	5962F0824601HYC	AD590K (GEN)	5962-8757102VYA	MSK5920-1.5HRHS	5962R0522004HXC
MSK 5823-1.8HRHG	5962F0824601HXC	AD590KF/883B	5962-8757102XA	MSK5920-1.5HRHU	5962R0522004HYC
MSK 5823-1.8KRH	5962F0824601KYC	AD590KH/883B	5962-8757102YA	MSK5920-1.5KRHD	5962R0522004KZC
MSK 5823-1.8KRHG	5962F0824601KXC	AD590L (GEN)	5962-8757103VXA	MSK5920-1.5KRHS	5962R0522004KXC
MSK 5823-2.5HRH	5962F0824602HYC	AD590L (GEN)	5962-8757103VYA	MSK5920-1.5KRHU	5962R0522004KYC
MSK 5823-2.5HRHG	5962F0824602HXC	AD590LF/883B	5962-8757103XA	MSK5920-1.9HRHD	5962R0522005HZC
MSK 5823-2.5KRH	5962F0824602KYC	AD590LF/QMLR	5962R8757103VXA	MSK5920-1.9HRHS	5962R0522005HXC
MSK 5823-2.5KRHG	5962F0824602KXC	AD590LH/883B	5962-8757103YA	MSK5920-1.9HRHU	5962R0522005HYC
MSK 5824HRH	5962F0920801HYC	AD590LH/QMLR	5962R8757103VYA	MSK5920-1.9KRHD	5962R0522005KZC
MSK 5824HRHG	5962F0920801HXC	AD590M (GEN)	5962-8757104VXA	MSK5920-1.9KRHS	5962R0522005KXC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MSK5920-1.9KRHU	5962R0522005KYC	MSK 5930KRHD	5962R1122901KZC	MSK 5936KRHD	5962R1122907KZC
RHD5920-201-1S	5962-1024301KXC	MSK 5930KRHS	5962R1122901KXC	MSK 5936KRHS	5962R1122907KXC
RHD5920-201-2S	5962-1024301KXA	MSK 5930KRHU	5962R1122901KYC	MSK 5936KRHU	5962R1122907KYC
MSK5920-2.5HRHD	5962R0522006HZC	RHD5930-201-1S	5962-1120801KXC	MSK 5937HRHD	5962R1122908HZC
MSK5920-2.5HRHS	5962R0522006HXC	RHD5930-201-2S	5962-1120801KXA	MSK 5937HRHS	5962R1122908HXC
MSK5920-2.5HRHU	5962R0522006HYC	RHD5930-901-1S	5962H1120801KXC	MSK 5937HRHU	5962R1122908HYC
MSK5920-2.5KRHD	5962R0522006KZC	RHD5930FP-901-1S	5962H1120801KYC	MSK 5937KRHD	5962R1122908KZC
MSK5920-2.5KRHS	5962R0522006KXC	RHD5930-901-2S	5962H1120801KXA	MSK 5937KRHS	5962R1122908KXC
MSK5920-2.5KRHU	5962R0522006KYC	RHD5930FP-901-2S	5962H1120801KYA	MSK 5937KRHU	5962R1122908KYC
MSK5920-2.8HRHD	5962R0522007HZC	MSK 5931HRHD	5962R1122902HZC	MSK 5938HRHD	5962R1122909HZC
MSK5920-2.8HRHS	5962R0522007HXC	MSK 5931HRHS	5962R1122902HXC	MSK 5938HRHS	5962R1122909HXC
MSK5920-2.8HRHU	5962R0522007HYC	MSK 5931HRHU	5962R1122902YXC	MSK 5938HRHU	5962R1122909HYC
MSK5920-2.8KRHD	5962R0522007KZC	MSK 5931KRHD	5962R1122902KZC	MSK 5938KRHD	5962R1122909KZC
MSK5920-2.8KRHS	5962R0522007KXC	MSK 5931KRHS	5962R1122902KXC	MSK 5938KRHS	5962R1122909KXC
MSK5920-2.8KRHU	5962R0522007KYC	MSK 5931KRHU	5962R1122902KYC	MSK 5938KRHU	5962R1122909KYC
MSK5920-3.3HRHD	5962R0522008HXC	RHD5931-201-1S	5962-1120802KXC	MSK 5939HRHD	5962R1122910HZC
MSK5920-3.3HRHD	5962R0522008HZC	RHD5931-201-2S	5962-1120802KXA	MSK 5939HRHS	5962R1122910HXC
MSK5920-3.3HRHU	5962R0522008HYC	RHD5931-901-1S	5962H1120802KXC	MSK 5939HRHU	5962R1122910HYC
MSK5920-3.3KRHD	5962R0522008KXC	RHD5931FP-901-1S	5962H1120802KYC	MSK 5939KRHD	5962R1122910KZC
MSK5920-3.3KRHD	5962R0522008KZC	RHD5931-901-2S	5962H1120802KXA	MSK 5939KRHS	5962R1122910KXC
MSK5920-3.3KRHU	5962R0522008KYC	RHD5931FP-901-2S	5962H1120802KYA	MSK 5939KRHU	5962R1122910KYC
MSK5920-5.0HRHD	5962R0522009HZC	MSK 5932HRHD	5962R1122903HZC	RHD5950-201-1S	5962-1220301KXC
MSK5920-5.0HRHS	5962R0522009HXC	MSK 5932HRHS	5962R1122903HXC	RHD5950-901-1S	5962R1220301KXC
MSK5920-5.0HRHU	5962R0522009HYC	MSK 5932HRHU	5962R1122903HYC	RHD5958-201-1S	5962-1221101KXC
MSK5920-5.0KRHD	5962R0522009KZC	MSK 5932KRHD	5962R1122903KZC	RHD5958-901-1S	5962R1221101KXC
MSK5920-5.0KRHS	5962R0522009KXC	MSK 5932KRHS	5962R1122903KXC	RHD5961-201-1S	5962-1422101KXC
MSK5920-5.0KRHU	5962R0522009KYC	MSK 5932KRHU	5962R1122903KYC	RHD5961-201-2S	5962-1422101KXA
RHD5920-901-1S	5962H1024301KXC	RHD5932-201-1S	5962-1320101KXC	RHD5961-901-1S	5962H1422101KXC
RHD5920-901-2S	5962H1024301KXA	RHD5932-201-2S	5962-1320101KXA	RHD5961-901-2S	5962H1422101KXA
MSK5921HRHD	5962R0522003HZC	RHD5932-901-1S	5962H1320101KXC	RHD5962-201-1S	5962-1422102KXC
MSK5921HRHS	5962R0522003HXC	RHD5932-901-2S	5962H1320101KXA	RHD5962-201-2S	5962-1422102KXA
MSK5921HRHU	5962R0522003HYC	MSK 5933HRHD	5962R1122904HZC	RHD5962-901-1S	5962H1422102KXC
MSK5921KRHD	5962R0522003KZC	MSK 5933HRHS	5962R1122904HXC	RHD5962-901-2S	5962H1422102KXA
MSK5921KRHS	5962R0522003KXC	MSK 5933HRHU	5962R1122904HYC	RHD5963-201-1S	5962-1422103KYC
MSK5921KRHU	5962R0522003KYC	MSK 5933KRHD	5962R1122904KZC	RHD5963-201-2S	5962-1422103KYA
RHD5921-201-1S	5962-1024302KXC	MSK 5933KRHS	5962R1122904KXC	RHD5963-901-1S	5962H1422103KYC
RHD5921-201-2S	5962-1024302KXA	MSK 5933KRHU	5962R1122904KYC	RHD5963-901-2S	5962H1422103KYA
RHD5921-901-1S	5962H1024302KXC	MSK 5934HRHD	5962R1122905HZC	MSK 5970HRHD	5962R0921101HZC
RHD5921-901-2S	5962H1024302KXA	MSK 5934HRHS	5962R1122905HXC	MSK 5970HRHL	5962R0921101HUC
RHD5922 (GEN)	5962-1024303KXA	MSK 5934HRHU	5962R1122905HYC	MSK 5970HRHS	5962R0921101HXC
RHD5922 (GEN)	5962H1024303KXA	MSK 5934KRHD	5962R1122905KZC	MSK 5970HRHU	5962R0921101HYC
RHD5927 (GEN)	5962-1220803KXA	MSK 5934KRHS	5962R1122905KXC	MSK 5970KRHD	5962R0921101KZC
RHD5927 (GEN)	5962H1220803KXA	MSK 5934KRHU	5962R1122905KYC	MSK 5970KRHL	5962R0921101KUC
RHD5928-201-1S	5962-1220801KXC	MSK 5935HRHD	5962R1122906HZC	MSK 5970KRHS	5962R0921101KXC
RHD5928-201-2S	5962-1220801KXA	MSK 5935HRHS	5962R1122906HXC	MSK 5970KRHU	5962R0921101KYC
RHD5928-901-1S	5962H1220801KXC	MSK 5935HRHU	5962R1122906HYC	MSK 5971 (GEN)	5962R0921201HXC
RHD5928-901-2S	5962H1220801KXA	MSK 5935KRHD	5962R1122906KZC	MSK 5971 (GEN)	5962R0921201HYC
RHD5929 (GEN)	5962-1220802KXA	MSK 5935KRHS	5962R1122906KXC	MSK 5971 (GEN)	5962R0921201HZC
RHD5929 (GEN)	5962H1220802KXA	MSK 5935KRHU	5962R1122906KYC	MSK 5971 (GEN)	5962R0921201KXC
MSK 5930HRHD	5962R1122901HZC	MSK 5936HRHD	5962R1122907HZC	MSK 5971 (GEN)	5962R0921201KYC
MSK 5930HRHS	5962R1122901HXC	MSK 5936HRHS	5962R1122907HXC	MSK 5971 (GEN)	5962R0921201KZC
MSK 5930HRHU	5962R1122901HYC	MSK 5936HRHU	5962R1122907HYC	MSK 5971HRHD	5962R0921201HNC



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MSK 5971HRHL	5962R0921201HUC	XQV600-4CB228	5962-9957301QYC	LMC6061 (GEN)	5962-9460401MPA
MSK 5971HRHS	5962R0921201HTC	XQV600-4CB228	5962-9957301QZC	LMC6062 (GEN)	5962-9209403MPA
MSK 5971HRHU	5962R0921201HMC	XQVR600-4CB228	5962R9957301QYC	LMC6064 (GEN)	5962-9209303MCA
MSK 5971KRHD	5962R0921201KNC	XQVR600-4CB228	5962R9957301QZC	RHR6101V	5962R1620401VXC
MSK 5971KRHL	5962R0921201KUC	XQV600-4 (GEN)	5962-9957301NTB	RHR6102V	5962R1620401VXA
MSK 5971KRHS	5962R0921201KTC	XQVR600-4HQ240	5962R9957301NTB	RHR61DIE2V	5962R1620401V9A
MSK 5971KRHU	5962R0921201KMC	XQV600-4 (GEN)	5962-9957301NUA	610 (GEN)	5962-8947601LA
MSK 5972 (GEN)	5962R0921301HXC	XQVR600-4BG432	5962R9957301NUA	EP610-15 (GEN)	5962-8947603LA
MSK 5972 (GEN)	5962R0921301HYC	DG601A (GEN)	5962-9089101M2A	PALCE610H-20 (GEN)	5962-9169501M3A
MSK 5972 (GEN)	5962R0921301HZC	DG601A (GEN)	5962-9089101MEA	PALCE610H-20 (GEN)	5962-9169501MLA
MSK 5972 (GEN)	5962R0921301KXC	LMF60-100 (GEN)	5962-9096701MCA	EP610-25 (GEN)	5962-8947602LA
MSK 5972 (GEN)	5962R0921301KYC	AT60142F-DC15MMQ	5962-0520802QXC	DG611 (GEN)	5962-9325501M2A
MSK 5972 (GEN)	5962R0921301KZC	AT60142F-DC15MSR	5962R0520802VXC	DG611 (GEN)	5962-9325501MEA
MSK 5972HRHD	5962R0921301HNC	AT60142F-DC15MSV	5962-0520802VXC	6116-82 (GEN)	8403604JA
MSK 5972HRHL	5962R0921301HUC	AT60142F-DS15MMQ	5962-0520802QYC	6116-83 (GEN)	8403605JA
MSK 5972HRHS	5962R0921301HTC	AT60142F-DS15MSR	5962R0520802VYC	6116-120/3A	84036153A
MSK 5972HRHU	5962R0921301HMC	AT60142F-DS15MSV	5962-0520802VYC	6116-120/KA	8403615KA
MSK 5972KRHD	5962R0921301KNC	AT60142H-DS15MMQ	5962-0520804QYC	6116-120/XA	8403615XA
MSK 5972KRHL	5962R0921301KUC	AT60142H-DS15MSR	5962R0520804VYC	6116-120/YA	8403615YA
MSK 5972KRHS	5962R0921301KTC	AT60142H-DS15MSV	5962-0520804VYC	IDT6116LA120DB	8403615JA
MSK 5972KRHU	5962R0921301KMC	AT60142FT-DC17MMQ	5962-0520801QXC	IDT6116LA120TDB	8403615LA
MSK 5973 (GEN)	5962R0921401HXC	AT60142FT-DC17MSR	5962R0520801VXC	P4C116L-120CMB	8403615LA
MSK 5973 (GEN)	5962R0921401HYC	AT60142FT-DC17MSV	5962-0520801VXC	P4C116L-120CWMB	8403615JA
MSK 5973 (GEN)	5962R0921401HZC	AT60142FT-DS17MMQ	5962-0520801QYC	P4C116L-120FSMB	8403615KA
MSK 5973 (GEN)	5962R0921401KXC	AT60142FT-DS17MSR	5962R0520801VYC	P4C116L-120L28MB	84036153A
MSK 5973 (GEN)	5962R0921401KYC	AT60142FT-DS17MSV	5962-0520801VYC	P4C116L-120L32MB	8403615XA
MSK 5973 (GEN)	5962R0921401KZC	AT60142HT-DS17MMQ	5962-0520803QYC	P4C116L-120LMB	8403615YA
MSK 5973HRHD	5962R0921401HNC	AT60142HT-DS17MSR	5962R0520803VYC	6116A-20 (GEN)	5962-8969002JA
MSK 5973HRHL	5962R0921401HUC	AT60142HT-DS17MSV	5962-0520803VYC	6116SA20 (GEN)	5962-8969002XA
MSK 5973HRHS	5962R0921401HTC	602A (GEN)	5962-9073201MPA	IDT6116SA20TDB	5962-8969002LA
MSK 5973HRHU	5962R0921401HMC	AD602 (GEN)	5962-9457202MEA	6116A-25 (GEN)	5962-8969001JA
MSK 5973KRHD	5962R0921401KNC	AD603SQ/883B	5962-9457203MPA	6116LA25 (GEN)	5962-8874002JA
MSK 5973KRHL	5962R0921401KUC	PC603E-166 (GEN)	5962-9760805QYA	6116LA25 (GEN)	5962-8874002XA
MSK 5973KRHS	5962R0921401KTC	PC603E-200 (GEN)	5962-9760806QYA	6116LA25TDB	5962-8874002LA
MSK 5973KRHU	5962R0921401KMC	PC603E-233 (GEN)	5962-9760807QYA	6116SA25 (GEN)	5962-8969001XA
AD598SD/883B	5962-9067101MRA	PC603E-266 (GEN)	5962-9760808QYA	IDT6116SA25TDB	5962-8969001LA
TL598 (GEN)	5962-9166801Q2A	PC603E-300 (GEN)	5962-9760809QYA	6116LA35 (GEN)	5962-8874001JA
TL598 (GEN)	5962-9166801QEA	PC603E-80 (GEN)	5962-9760801QXA	6116LA35 (GEN)	5962-8874001XA
RHD5980-201-1S	5962-1222601KXC	TSPC603EMAB/C3L	5962-9760802QXA	6116LA35TDB	5962-8874001LA
RHD5980-201-2S	5962-1222601KXA	TSPC603EMAB/C4L	5962-9760803QXA	QP6116A-35LMB	84036143A
RHD5980-901-1S	5962H1222601KXC	TSPC603EMAB/C5L	5962-9760804QXA	IDT6116LA45DB	8403608JA
RHD5980-901-2S	5962H1222601KXA	TSPC603RMABQ8LC	5962-9760806QXA	IDT6116LA45TDB	8403608LA
600 (GEN)	5962-8686401LA	604A (GEN)	5962-8956401EA	IDT6116SA45DB	8403609JA
600 (GEN)	5962-8686401XA	604A (GEN)	5962-9650801NXA	IDT6116SA45TDB	8403609LA
AD600SQ/883B	5962-9457201MEA	604A (GEN)	5962-9650801QEA	P4C116L-45CMB	8403608LA
UT600 (GEN)	5962R96B0224Q*C	604A (GEN)	5962-9650802NXA	P4C116L-45CWMB	8403608JA
UT600 (GEN)	5962R96B0224V*C	LM604 (GEN)	5962-8963901VA	P4C116L-45FSMB	8403608KA
RHFL6000AD2V	5962F1521601V9A	605 (GEN)	5962-9064401MRA	P4C116L-45L28MB	84036083A
RHFL6000AKP01Q	5962F1521601QXC	605 (GEN)	5962-9064401MXA	P4C116L-45L32MB	8403608XA
RHFL6000AKP01V	5962F1521601VXC	LMF60-50 (GEN)	5962-9096702MCA	P4C116L-45LMB	8403608YA
RHFL6000AKP02Q	5962F1521601QXA	605 (GEN)	5962-9064401NYA	QP6116A-45DMB	8403609JA
RHFL6000AKP02V	5962F1521601VXA	605 (GEN)	5962-9064402NYA	QP6116A-45LMB	84036093A



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
6116-55/3A	84036103A	6N134/883B#200	8102801EA	BU-61580V2-110	5962-9306504HYC
6116-55/KA	8403610KA	6N134/883B#300	8102801TA	BU-61580V2-130	5962-9306504HYC
6116-55/XA	8403610XA	LM614AMJ/883	5962-9300401MEA	BU-61580V2-140	5962-9306504HYA
6116-55/YA	8403610YA	6N140A/883B	8302401EC	BU-61580V2-150	5962-9306504HYA
IDT6116LA55DB	8403610JA	6N140A/883B#100	8302401YA	BU-61580 (GEN)	5962-9306511HXA
IDT6116LA55TDB	8403610LA	6N140A/883B#100	8302401YC	BU-61580 (GEN)	5962-9306511HYA
IDT6116SA55DB	8403611JA	6N140A/883B#200	8302401EA	BU-61580DG3-110	5962-9306532HNC
IDT6116SA55TDB	8403611LA	6N140A/883B#300	8302401XA	BU-61580DG3-130	5962-9306532HNC
QP6116A-55DMB	8403611JA	6N140A/883B#600	8302401ZA	BU-61580DG3-140	5962-9306532HNA
QP6116A-55LMB	84036113A	6N140A/883B#600	8302401ZC	BU-61580DG3-150	5962-9306532HNA
IDT6116LA70DB	8403612JA	LM6142 (GEN)	5962-9550301QPA	BU-61580DS3-110	5962-9306532HXC
IDT6116LA70TDB	8403612LA	BUS61553 (GEN)	5962-8869201XA	BU-61580DS3-130	5962-9306532HXC
IDT6116SA70DB	8403613JA	BUS61554 (GEN)	5962-8869202XA	BU-61580DS3-140	5962-9306532HXA
IDT6116SA70TDB	8403613LA	BUS61554 (GEN)	5962-8869202XC	BU-61580DS3-150	5962-9306532HXA
P4C116-70CWMB	8403613JA	BUS61555 (GEN)	5962-8869203XA	BU-61580DV3-110	5962-9306532HYC
P4C116-70DMB	8403613LA	BUS61556 (GEN)	5962-8869204XA	BU-61580DV3-130	5962-9306532HYC
P4C116-70FSMB	8403613KA	BUS61559 (GEN)	5962-9173401HXA	BU-61580DV3-140	5962-9306532HYA
P4C116-70L28MB	84036133A	BUS61559 (GEN)	5962-9173404HXA	BU-61580DV3-150	5962-9306532HYA
P4C116-70L32MB	8403613XA	BUS61560 (GEN)	5962-9173402HXA	BU-61581DS3-110	5962-9306536HXC
P4C116-70LMB	8403613YA	BUS61561 (GEN)	5962-9173403HXA	BU-61581DS3-130	5962-9306536HXC
P4C116L-70CMB	8403612LA	BUS61563 (GEN)	5962-8869201TA	BU-61581DS3-140	5962-9306536HXA
P4C116L-70CWMB	8403612JA	BUS61563 (GEN)	5962-8869201YA	BU-61581DS3-150	5962-9306536HXA
P4C116L-70FSMB	8403612KA	BUS61563 (GEN)	5962-8869201ZA	BU-61580 (GEN)	5962-9306512HXA
P4C116L-70L28MB	84036123A	BUS61564 (GEN)	5962-8869202TA	BU-61580 (GEN)	5962-9306512HYA
P4C116L-70L32MB	8403612XA	BUS61564 (GEN)	5962-8869202YA	BU-61580DG6-110	5962-9306533HNC
P4C116L-70LMB	8403612YA	BUS61564 (GEN)	5962-8869202ZA	BU-61580DG6-130	5962-9306533HNC
IDT6116LA90DB	8403616JA	BUS61565 (GEN)	5962-8869203YA	BU-61580DG6-140	5962-9306533HNA
IDT6116LA90TDB	8403616LA	BUS61565 (GEN)	5962-8869203ZA	BU-61580DG6-150	5962-9306533HNA
P4C116L-90CMB	8403616LA	BUS61569 (GEN)	5962-9173401HYA	BU-61580DS6-110	5962-9306533HXC
P4C116L-90CWMB	8403616JA	BUS61569 (GEN)	5962-9173401HZA	BU-61580DS6-130	5962-9306533HXC
P4C116L-90FSMB	8403616KA	BUS61569 (GEN)	5962-9173404HYA	BU-61580DS6-140	5962-9306533HXA
P4C116L-90L28MB	84036163A	BUS61569 (GEN)	5962-9173404HZA	BU-61580DS6-150	5962-9306533HXA
P4C116L-90L32MB	8403616XA	BUS61570 (GEN)	5962-9173402HYA	BU-61580DV6-110	5962-9306533HYC
P4C116L-90LMB	8403616YA	BUS61570 (GEN)	5962-9173402HZA	BU-61580DV6-130	5962-9306533HYC
QP6117A-35LMB	8403614XA	BUS61571 (GEN)	5962-9173403HYA	BU-61580DV6-140	5962-9306533HYA
QP6117A-45LMB	8403609XA	BUS61571 (GEN)	5962-9173403HZA	BU-61580DV6-150	5962-9306533HYA
QP6117A-55LMB	8403611XA	BU-61580J1-110	5962-9306503HZC	BU-61581DS6-110	5962-9306537HXC
LM6118 (GEN)	5962-9156501M2A	BU-61580J1-130	5962-9306503HZC	BU-61581DS6-130	5962-9306537HXC
LM6118 (GEN)	5962-9156501MPA	BU-61580S1-110	5962-9306503HXC	BU-61581DS6-140	5962-9306537HXA
DG612 (GEN)	5962-9325502M2A	BU-61580S1-130	5962-9306503HXC	BU-61581DS6-150	5962-9306537HXA
DG612 (GEN)	5962-9325502MEA	BU-61580S1-140	5962-9306503HXA	BU-61581J1-110	5962-9306507HZC
LM612A (GEN)	5962-9300201MPA	BU-61580S1-150	5962-9306503HXA	BU-61581J1-130	5962-9306507HZC
LM6121 (GEN)	5962-9081201MGA	BU-61580V1-110	5962-9306503HYC	BU-61581S1-110	5962-9306507HXC
LM6121 (GEN)	5962-9081201MPA	BU-61580V1-130	5962-9306503HYC	BU-61581S1-130	5962-9306507HXC
LM6125 (GEN)	5962-9081501MGA	BU-61580V1-140	5962-9306503HYA	BU-61581S1-140	5962-9306507HXA
DG613 (GEN)	5962-9325503M2A	BU-61580V1-150	5962-9306503HYA	BU-61581S1-150	5962-9306507HXA
DG613 (GEN)	5962-9325503MEA	BU-61580J2-110	5962-9306504HZC	BU-61581V1-110	5962-9306507HYC
LM613 (GEN)	5962-9300301M2A	BU-61580J2-130	5962-9306504HZC	BU-61581V1-130	5962-9306507HYC
LM613 (GEN)	5962-9300301MEA	BU-61580S2-110	5962-9306504HXC	BU-61581V1-140	5962-9306507HYA
6N134/883B	8102801EC	BU-61580S2-130	5962-9306504HXC	BU-61581V1-150	5962-9306507HYA
6N134/883B#100	8102801UA	BU-61580S2-140	5962-9306504HXA	BU-61581J2-110	5962-9306508HZC
6N134/883B#100	8102801UC	BU-61580S2-150	5962-9306504HXA	BU-61581J2-130	5962-9306508HZC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
BU-61581S2-110	5962-9306508HXC	BU-61585S1-140	5962-9306517HXA	BU-61586V1-110	5962-9306519HYC
BU-61581S2-130	5962-9306508HXC	BU-61585S1-150	5962-9306517HXA	BU-61586V1-130	5962-9306519HYC
BU-61581S2-140	5962-9306508HXA	BU-61585V1-110	5962-9306517HYC	BU-61586V1-140	5962-9306519HYA
BU-61581S2-150	5962-9306508HXA	BU-61585V1-130	5962-9306517HYC	BU-61586V1-150	5962-9306519HYA
BU-61581V2-110	5962-9306508HYC	BU-61585V1-140	5962-9306517HYA	BU-61585 (GEN)	5962-9306520HZC
BU-61581V2-130	5962-9306508HYC	BU-61585V1-150	5962-9306517HYA	BU-61586G2-110	5962-9306520HNC
BU-61581V2-140	5962-9306508HYA	BU-61585 (GEN)	5962-9306518HZC	BU-61586G2-130	5962-9306520HNC
BU-61581V2-150	5962-9306508HYA	BU-61585S2-110	5962-9306518HXC	BU-61586G2-140	5962-9306520HNA
BU-61581 (GEN)	5962-9306515HXA	BU-61585S2-130	5962-9306518HXC	BU-61586G2-150	5962-9306520HNA
BU-61581 (GEN)	5962-9306515HYA	BU-61585S2-140	5962-9306518HXA	BU-61586S2-110	5962-9306520HXC
BU-61581DG3-110	5962-9306536HNC	BU-61585S2-150	5962-9306518HXA	BU-61586S2-130	5962-9306520HXC
BU-61581DG3-130	5962-9306536HNC	BU-61585V2-110	5962-9306518HYC	BU-61586S2-140	5962-9306520HXA
BU-61581DG3-140	5962-9306536HNA	BU-61585V2-130	5962-9306518HYC	BU-61586S2-150	5962-9306520HXA
BU-61581DG3-150	5962-9306536HNA	BU-61585V2-140	5962-9306518HYA	BU-61586V2-110	5962-9306520HYC
BU-61581DV3-110	5962-9306536HYC	BU-61585V2-150	5962-9306518HYA	BU-61586V2-130	5962-9306520HYC
BU-61581DV3-130	5962-9306536HYC	BU-61585 (GEN)	5962-9306521HXA	BU-61586V2-140	5962-9306520HYA
BU-61581DV3-140	5962-9306536HYA	BU-61585 (GEN)	5962-9306521HYA	BU-61586V2-150	5962-9306520HYA
BU-61581DV3-150	5962-9306536HYA	BU-61585DG3-110	5962-9306538HNC	BU-61586 (GEN)	5962-9306523HXA
BU-61581 (GEN)	5962-9306516HXA	BU-61585DG3-130	5962-9306538HNC	BU-61586 (GEN)	5962-9306523HYA
BU-61581 (GEN)	5962-9306516HYA	BU-61585DG3-140	5962-9306538HNA	BU-61586DG3-110	5962-9306540HNC
BU-61581DG6-110	5962-9306537HNC	BU-61585DG3-150	5962-9306538HNA	BU-61586DG3-130	5962-9306540HNC
BU-61581DG6-130	5962-9306537HNC	BU-61585DS3-110	5962-9306538HXC	BU-61586DG3-140	5962-9306540HNA
BU-61581DG6-140	5962-9306537HNA	BU-61585DS3-130	5962-9306538HXC	BU-61586DG3-150	5962-9306540HNA
BU-61581DG6-150	5962-9306537HNA	BU-61585DS3-140	5962-9306538HXA	BU-61586DS3-110	5962-9306540HXC
BU-61581DV6-110	5962-9306537HYC	BU-61585DS3-150	5962-9306538HXA	BU-61586DS3-130	5962-9306540HXC
BU-61581DV6-130	5962-9306537HYC	BU-61585DV3-110	5962-9306538HYC	BU-61586DS3-140	5962-9306540HXA
BU-61581DV6-140	5962-9306537HYA	BU-61585DV3-130	5962-9306538HYC	BU-61586DS3-150	5962-9306540HXA
BU-61581DV6-150	5962-9306537HYA	BU-61585DV3-140	5962-9306538HYA	BU-61586DV3-110	5962-9306540HYC
BU61582 (GEN)	5962-9688705HXA	BU-61585DV3-150	5962-9306538HYA	BU-61586DV3-130	5962-9306540HYC
BU61582 (GEN)	5962-9688705HYA	BU-61585DG6-110	5962-9306539HNC	BU-61586DV3-140	5962-9306540HYA
BU61582 (GEN)	5962-9688705HZA	BU-61585DG6-130	5962-9306539HNC	BU-61586DV3-150	5962-9306540HYA
BU61582 (GEN)	5962-9688701HXA	BU-61585DG6-140	5962-9306539HNA	BU-61586DG6-110	5962-9306541HNC
BU61582 (GEN)	5962-9688701HYA	BU-61585DG6-150	5962-9306539HNA	BU-61586DG6-130	5962-9306541HNC
BU61582 (GEN)	5962-9688701HZA	BU-61585DS6-110	5962-9306539HXC	BU-61586DG6-140	5962-9306541HNA
BU61582 (GEN)	5962-9688702HXA	BU-61585DS6-130	5962-9306539HXC	BU-61586DG6-150	5962-9306541HNA
BU61582 (GEN)	5962-9688702HYA	BU-61585DS6-140	5962-9306539HXA	BU-61586DS6-110	5962-9306541HXC
BU61582 (GEN)	5962-9688702HZA	BU-61585DS6-150	5962-9306539HXA	BU-61586DS6-130	5962-9306541HXC
BU61582D3 (GEN)	5962-9688707HXA	BU-61585DV6-110	5962-9306539HYC	BU-61586DS6-140	5962-9306541HXA
BU61582F3 (GEN)	5962-9688707HYA	BU-61585DV6-130	5962-9306539HYC	BU-61586DS6-150	5962-9306541HXA
BU61582G3 (GEN)	5962-9688707HZA	BU-61585DV6-140	5962-9306539HYA	BU-61586DV6-110	5962-9306541HYC
BU61583 (GEN)	5962-9688706HXA	BU-61585DV6-150	5962-9306539HYA	BU-61586DV6-130	5962-9306541HYC
BU61583 (GEN)	5962-9688706HYA	BU-61586 (GEN)	5962-9306522HXA	BU-61586DV6-140	5962-9306541HYA
BU61583 (GEN)	5962-9688706HZA	BU-61586 (GEN)	5962-9306522HYA	BU-61586DV6-150	5962-9306541HYA
BU61583 (GEN)	5962-9688703HXA	BU-61586 (GEN)	5962-9306519HZC	BU-61588 (GEN)	5962-9306524HXA
BU61583 (GEN)	5962-9688703HYA	BU-61586G1-110	5962-9306519HNC	BU-61588 (GEN)	5962-9306524HYA
BU61583 (GEN)	5962-9688703HZA	BU-61586G1-130	5962-9306519HNC	BU-61588 (GEN)	5962-9306525HTA
BU61583 (GEN)	5962-9688704HXA	BU-61586G1-140	5962-9306519HNA	BU-61588 (GEN)	5962-9306525HUA
BU61583 (GEN)	5962-9688704HYA	BU-61586G1-150	5962-9306519HNA	BU-61588 (GEN)	5962-9306525HUC
BU61583 (GEN)	5962-9688704HZA	BU-61586S1-110	5962-9306519HXC	BU-61588CF3-110	5962-9306542HTC
BU-61585 (GEN)	5962-9306517HZC	BU-61586S1-130	5962-9306519HXC	BU-61588CF3-130	5962-9306542HTC
BU-61585S1-110	5962-9306517HXC	BU-61586S1-140	5962-9306519HXA	BU-61588CF3-140	5962-9306542HTA
BU-61585S1-130	5962-9306517HXC	BU-61586S1-150	5962-9306519HXA	BU-61588CF3-150	5962-9306542HTA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
BU-61588CG3-110	5962-9306542HMC	BU-61689CF3-110	5962-9306546HTC	LM6172AMGWRLQV	5962R9560403VXA
BU-61588CG3-130	5962-9306542HMC	BU-61689CF3-130	5962-9306546HTC	LM6172AMJFQML	5962F9560401QPA
BU-61588CG3-140	5962-9306542HMA	BU-61689CF3-140	5962-9306546HTA	LM6172AMJFQMLV	5962F9560401VPA
BU-61588CG3-150	5962-9306542HMA	BU-61689CF3-150	5962-9306546HTA	LM6172AMJ-QML	5962-9560401QPA
BU-61588CP3-110	5962-9306542HUC	BU-61689CG3-110	5962-9306546HMC	LM6172-MDE	5962R9560403V9A
BU-61588CP3-130	5962-9306542HUC	BU-61689CG3-130	5962-9306546HMC	BU-61743F3-110	5962-0151407HTC
BU-61588CP3-140	5962-9306542HUA	BU-61689CG3-140	5962-9306546HMA	BU-61743G3-110	5962-0151407HMC
BU-61588CP3-150	5962-9306542HUA	BU-61689CG3-150	5962-9306546HMA	BU-61743F3-130	5962-0151407HTC
LM6161 (GEN)	5962-89621012A	BU-61689CP3-110	5962-9306546HUC	BU-61743G3-130	5962-0151407HMC
LM6161 (GEN)	5962-8962101HA	BU-61689CP3-130	5962-9306546HUC	BU-61743F3-140	5962-0151407HTA
LM6161 (GEN)	5962-8962101PA	BU-61689CP3-140	5962-9306546HUA	BU-61743G3-140	5962-0151407HMA
LM6161 (GEN)	5962-8962101VPA	BU-61689CP3-150	5962-9306546HUA	BU-61743F3-150	5962-0151407HTA
LM6161 (GEN)	5962-8962101VXA	BU-61703F3-110	5962-0151411HTC	BU-61743G3-150	5962-0151407HMA
LM6161 (GEN)	5962-8962101XA	BU-61703G3-110	5962-0151411HMC	BU-61743F4-110	5962-0151408HTC
LM6162 (GEN)	5962-9216501M2A	BU-61703F3-130	5962-0151411HTC	BU-61743G4-110	5962-0151408HMC
LM6162 (GEN)	5962-9216501MHA	BU-61703G3-130	5962-0151411HMC	BU-61743F4-130	5962-0151408HTC
LM6162 (GEN)	5962-9216501MPA	BU-61703F3-140	5962-0151411HTA	BU-61743G4-130	5962-0151408HMC
LM6162 (GEN)	5962-9216501MXA	BU-61703G3-140	5962-0151411HMA	BU-61743F4-140	5962-0151408HTA
LM6162 (GEN)	5962-9216501VPA	BU-61703F3-150	5962-0151411HTA	BU-61743G4-140	5962-0151408HMA
LM6162 (GEN)	5962-9216501VXA	BU-61703G3-150	5962-0151411HMA	BU-61743F4-150	5962-0151408HTA
LM6164 (GEN)	5962-89624012A	BU-61703F4-110	5962-0151412HTC	BU-61743G4-150	5962-0151408HMA
LM6164 (GEN)	5962-8962401HA	BU-61703G4-110	5962-0151412HMC	BU-61745F3-110	5962-0151405HTC
LM6164 (GEN)	5962-8962401PA	BU-61703F4-130	5962-0151412HTC	BU-61745G3-110	5962-0151405HMC
LM6164 (GEN)	5962-8962401VPA	BU-61703G4-130	5962-0151412HMC	BU-61745F3-130	5962-0151405HTC
LM6164 (GEN)	5962-8962401VXA	BU-61703F4-140	5962-0151412HTA	BU-61745G3-130	5962-0151405HMC
LM6164 (GEN)	5962-8962401XA	BU-61703G4-140	5962-0151412HMA	BU-61745F3-140	5962-0151405HTA
LM6165 (GEN)	5962-89625012A	BU-61703F4-150	5962-0151412HTA	BU-61745G3-140	5962-0151405HMA
LM6165 (GEN)	5962-8962501HA	BU-61703G4-150	5962-0151412HMA	BU-61745F3-150	5962-0151405HTA
LM6165 (GEN)	5962-8962501PA	BU-61705F3-110	5962-0151409HTC	BU-61745G3-150	5962-0151405HMA
LM6165 (GEN)	5962-8962501VPA	BU-61705G3-110	5962-0151409HMC	BU-61745F4-110	5962-0151406HTC
LM6165 (GEN)	5962-8962501VXA	BU-61705F3-130	5962-0151409HTC	BU-61745G4-110	5962-0151406HMC
LM6165 (GEN)	5962-8962501XA	BU-61705G3-130	5962-0151409HMC	BU-61745F4-130	5962-0151406HTC
P4C168-35LMB	5962-8670512UA	BU-61705F3-140	5962-0151409HTA	BU-61745G4-130	5962-0151406HMC
P4C168-70LMB	5962-8670509UA	BU-61705G3-140	5962-0151409HMA	BU-61745F4-140	5962-0151406HTA
BU-61688 (GEN)	5962-9306528HMA	BU-61705F3-150	5962-0151409HTA	BU-61745G4-140	5962-0151406HMA
BU-61688 (GEN)	5962-9306528HTA	BU-61705G3-150	5962-0151409HMA	BU-61745F4-150	5962-0151406HTA
BU-61688 (GEN)	5962-9306528HUA	BU-61705F4-110	5962-0151410HTC	BU-61745G4-150	5962-0151406HMA
BU-61688CF3-110	5962-9306545HTC	BU-61705G4-110	5962-0151410HMC	LM6181 (GEN)	5962-9081802MPA
BU-61688CF3-130	5962-9306545HTC	BU-61705F4-130	5962-0151410HTC	LM6182A (GEN)	5962-9460301MCA
BU-61688CF3-140	5962-9306545HTA	BU-61705G4-130	5962-0151410HMC	BU-61843F3-110	5962-0151415HTC
BU-61688CF3-150	5962-9306545HTA	BU-61705F4-140	5962-0151410HTA	BU-61843G3-110	5962-0151415HMC
BU-61688CG3-110	5962-9306545HMC	BU-61705G4-140	5962-0151410HMA	BU-61843F3-130	5962-0151415HTC
BU-61688CG3-130	5962-9306545HMC	BU-61705F4-150	5962-0151410HTA	BU-61843G3-130	5962-0151415HMC
BU-61688CG3-140	5962-9306545HMA	BU-61705G4-150	5962-0151410HMA	BU-61843F3-140	5962-0151415HTA
BU-61688CG3-150	5962-9306545HMA	6172 (GEN)	5962-9560401QXA	BU-61843G3-140	5962-0151415HMA
BU-61688CP3-110	5962-9306545HUC	LM6172 (GEN)	5962-9560401VPA	BU-61843F3-150	5962-0151415HTA
BU-61688CP3-130	5962-9306545HUC	LM6172 (GEN)	5962-9560401VXA	BU-61843G3-150	5962-0151415HMA
BU-61688CP3-140	5962-9306545HUA	LM6172 (GEN)	5962F9560401QXA	BU-61843F4-110	5962-0151416HTC
BU-61688CP3-150	5962-9306545HUA	LM6172 (GEN)	5962F9560401VXA	BU-61843G4-110	5962-0151416HMC
BU-61689 (GEN)	5962-9306529HMA	LM6172 MDR	5962F9560401V9A	BU-61843F4-130	5962-0151416HTC
BU-61689 (GEN)	5962-9306529HTA	LM6172AMGWQMLV	5962F9560402VXA	BU-61843G4-130	5962-0151416HMC
BU-61689 (GEN)	5962-9306529HUA	LM6172AMGW-QML	5962-9560402QXA	BU-61843F4-140	5962-0151416HTA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
BU-61843G4-140	5962-0151416HMA	HX6228/AQHT	5962H9853702QYC	6256 (GEN)	5962R9584506VYC
BU-61843F4-150	5962-0151416HTA	HX6228/AVHC	5962H9853701VYC	6256 (GEN)	5962R9584506VZC
BU-61843G4-150	5962-0151416HMA	HX6228/AVHT	5962H9853702VYC	6356 (GEN)	5962F9584504QZC
BU-61845F3-110	5962-0151413HTC	HX6228/TQHC	5962H9853701QXC	6356 (GEN)	5962F9584504VZC
BU-61845G3-110	5962-0151413HMC	HX6228/TQHT	5962H9853702QXC	6356 (GEN)	5962H9584504QZC
BU-61845F3-130	5962-0151413HTC	HX6228/TQRC	5962R9853701QXC	6356 (GEN)	5962H9584504VZC
BU-61845G3-130	5962-0151413HMC	HX6228/TVHC	5962H9853701VXC	6356 (GEN)	5962R9584504QZC
BU-61845F3-140	5962-0151413HTA	HX6228/TVHT	5962H9853702VXC	6356 (GEN)	5962R9584504VZC
BU-61845G3-140	5962-0151413HMA	HX6228Die	5962H9853701Q9A	HX6256/NQFC	5962F9584501QYC
BU-61845F3-150	5962-0151413HTA	HX6228Die	5962H9853702Q9A	HX6256/NQFT	5962F9584502QYC
BU-61845G3-150	5962-0151413HMA	HCPL-623K	5962-8876905K2A	HX6256/NQHC	5962H9584501QYC
BU-61845F4-110	5962-0151414HTC	HCPL-6231	5962-88769022A	HX6256/NQHT	5962H9584502QYC
BU-61845G4-110	5962-0151414HMC	AD625 (GEN)	5962-87719012A	HX6256/NQRC	5962R9584501QYC
BU-61845F4-130	5962-0151414HTC	AD625SD/883B	5962-8771901EA	HX6256/NQRT	5962R9584502QYC
BU-61845G4-130	5962-0151414HMC	HCPL-625K	5962-8876906KFC	HX6256/NVFC	5962F9584501VYC
BU-61845F4-140	5962-0151414HTA	HCPL-6251	5962-8876903FC	HX6256/NVFT	5962F9584502VYC
BU-61845G4-140	5962-0151414HMA	6256 (GEN)	5962F9584505QXC	HX6256/NVHC	5962H9584501VYC
BU-61845F4-150	5962-0151414HTA	6256 (GEN)	5962F9584505QYC	HX6256/NVHT	5962H9584502VYC
BU-61845G4-150	5962-0151414HMA	6256 (GEN)	5962F9584505QZC	HX6256/NVRC	5962R9584501VYC
BU-61864F3-110	5962-0151403HTC	6256 (GEN)	5962F9584505VXC	HX6256/NVRT	5962R9584502VYC
BU-61864G3-110	5962-0151403HMC	6256 (GEN)	5962F9584505VYC	HX6256/PQFT	5962F9584502QUC
BU-61864F3-130	5962-0151403HTC	6256 (GEN)	5962F9584505VZC	HX6256/PQHT	5962H9584502QUC
BU-61864G3-130	5962-0151403HMC	6256 (GEN)	5962F9584506QXC	HX6256/PQRT	5962R9584502QUC
BU-61864F3-140	5962-0151403HTA	6256 (GEN)	5962F9584506QYC	HX6256/PVFT	5962F9584502VUC
BU-61864G3-140	5962-0151403HMA	6256 (GEN)	5962F9584506QZC	HX6256/PVHT	5962H9584502VUC
BU-61864F3-150	5962-0151403HTA	6256 (GEN)	5962F9584506VXC	HX6256/PVRT	5962R9584502VUC
BU-61864G3-150	5962-0151403HMA	6256 (GEN)	5962F9584506VYC	HX6256/RQFC	5962F9584501QXC
BU-61864F4-110	5962-0151404HTC	6256 (GEN)	5962F9584506VZC	HX6256/RQFT	5962F9584502QXC
BU-61864G4-110	5962-0151404HMC	6256 (GEN)	5962H9584505Q9A	HX6256/RQHC	5962H9584501QXC
BU-61864F4-130	5962-0151404HTC	6256 (GEN)	5962H9584505QXC	HX6256/RQHT	5962H9584502QXC
BU-61864G4-130	5962-0151404HMC	6256 (GEN)	5962H9584505QYC	HX6256/RQRC	5962R9584501QXC
BU-61864F4-140	5962-0151404HTA	6256 (GEN)	5962H9584505QZC	HX6256/RQRT	5962R9584502QXC
BU-61864G4-140	5962-0151404HMA	6256 (GEN)	5962H9584505VXC	HX6256/RVFC	5962F9584501VXC
BU-61864F4-150	5962-0151404HTA	6256 (GEN)	5962H9584505VYC	HX6256/RVFT	5962F9584502VXC
BU-61864G4-150	5962-0151404HMA	6256 (GEN)	5962H9584505VZC	HX6256/RVHC	5962H9584501VXC
BU-61865F3-110	5962-0151401HTC	6256 (GEN)	5962H9584506Q9A	HX6256/RVHT	5962H9584502VXC
BU-61865G3-110	5962-0151401HMC	6256 (GEN)	5962H9584506QXC	HX6256/RVRC	5962R9584501VXC
BU-61865F3-130	5962-0151401HTC	6256 (GEN)	5962H9584506QYC	HX6256/RVRT	5962R9584502VXC
BU-61865G3-130	5962-0151401HMC	6256 (GEN)	5962H9584506QZC	HX6256/XQFC	5962F9584501QZC
BU-61865F3-140	5962-0151401HTA	6256 (GEN)	5962H9584506VXC	HX6256/XQFT	5962F9584502QZC
BU-61865G3-140	5962-0151401HMA	6256 (GEN)	5962H9584506VYC	HX6256/XQHC	5962H9584501QZC
BU-61865F3-150	5962-0151401HTA	6256 (GEN)	5962H9584506VZC	HX6256/XQHT	5962H9584502QZC
BU-61865G3-150	5962-0151401HMA	6256 (GEN)	5962R9584505QXC	HX6256/XQRC	5962R9584501QZC
BU-61865F4-110	5962-0151402HTC	6256 (GEN)	5962R9584505QYC	HX6256/XQRT	5962R9584502QZC
BU-61865G4-110	5962-0151402HMC	6256 (GEN)	5962R9584505QZC	HX6256/XVFC	5962F9584501VZC
BU-61865F4-130	5962-0151402HTC	6256 (GEN)	5962R9584505VXC	HX6256/XVFT	5962F9584502VZC
BU-61865G4-130	5962-0151402HMC	6256 (GEN)	5962R9584505VYC	HX6256/XVHC	5962H9584501VZC
BU-61865F4-140	5962-0151402HTA	6256 (GEN)	5962R9584505VZC	HX6256/XVHT	5962H9584502VZC
BU-61865G4-140	5962-0151402HMA	6256 (GEN)	5962R9584506QXC	HX6256/XVRC	5962R9584501VZC
BU-61865F4-150	5962-0151402HTA	6256 (GEN)	5962R9584506QYC	HX6256/XVRT	5962R9584502VZC
BU-61865G4-150	5962-0151402HMA	6256 (GEN)	5962R9584506QZC	HX6256/DIE	5962H9584501Q9A
HX6228/AQHC	5962H9853701QYC	6256 (GEN)	5962R9584506VXC	HX6256/DIE	5962H9584502Q9A



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
HX6356/XQFC	5962F9584503QZC	BUS-63125 (GEN)	5962-8757901XA	UT63M143-CQC	5962H0724202QYC
HX6356/XQHC	5962H9584503QZC	BUS-63125 (GEN)	5962-8757901YA	UT63M143-CVA	5962-0724201VYA
HX6356/XQRC	5962R9584503QZC	BUS-63125II	5962-8757902XA	UT63M143-CVA	5962-0724202VYA
HX6356/XVFC	5962F9584503VZC	BUS-63125II	5962-8757902XC	UT63M143-CVA	5962H0724201VYA
HX6356/XVHC	5962H9584503VZC	MR63125M (GEN)	5962-8757908XA	UT63M143-CVA	5962H0724202VYA
HX6356/XVRC	5962R9584503VZC	MR63125M (GEN)	5962-8757908YA	UT63M143-CVC	5962-0724201VYC
SMJ626162-12 (GEN)	5962-9754503NYB	UT63M125 (GEN)	5962-8864405XA	UT63M143-CVC	5962-0724202VYC
SMJ626162-12HKDM	5962-9754503QXA	UT63M125 (GEN)	5962-8864405YA	UT63M143-CVC	5962H0724201VYC
SMJ626162-15 (GEN)	5962-9754501NYB	UT63M125 (GEN)	5962-8864405ZA	UT63M143-CVC	5962H0724202VYC
SMJ626162-15HKDM	5962-9754501QXA	UT63M125 (GEN)	5962R8864405VXA	UT63M143-QDIE	5962-0724201Q9A
SMJ626162-20 (GEN)	5962-9754502NYB	UT63M125 (GEN)	5962R8864405VYA	UT63M143-QDIE	5962-0724202Q9A
SMJ626162-20HKDM	5962-9754502QXA	UT63M125 (GEN)	5962R8864405VZA	UT63M143-QDIE	5962H0724201Q9A
AR629AU9/883	5962-9958101QXC	BUS-63126II	5962-8757902YA	UT63M143-QDIE	5962H0724202Q9A
ACS630 (GEN)	5962F9671101V9A	BUS-63126II	5962-8757902YC	UT63M143-VDIE	5962-0724201V9A
ACS630 (GEN)	5962F9671101VXC	BUS-63127II	5962-8982601XA	UT63M143-VDIE	5962-0724202V9A
ACS630 (GEN)	5962F9671101VYC	BUS-63127II	5962-8982601XC	UT63M143-VDIE	5962H0724201V9A
ACTS630 (GEN)	5962F9672101V9A	UT63M127 (GEN)	5962-8864406XA	UT63M143-VDIE	5962H0724202V9A
ACTS630 (GEN)	5962F9672101VXC	UT63M127 (GEN)	5962-8864406YA	UT63M145 (GEN)	5962-9322604QXA
ACTS630 (GEN)	5962F9672101VYC	UT63M127 (GEN)	5962-8864406ZA	UT63M145 (GEN)	5962-9322604QZA
AD630SD/883	5962-8980701RA	BUS-63128II	5962-8982601YA	UT63M145 (GEN)	5962H9322604VXA
AD630SE/883	5962-89807012A	BUS-63128II	5962-8982601YC	UT63M145 (GEN)	5962H9322604VZA
MAX630 (GEN)	5962-9454001MHA	BUS63135II	5962-8944704HXC	MR63147M (GEN)	5962-9206101HXA
MAX630 (GEN)	5962-9454001MXC	UT63M135 (GEN)	5962-8864407XA	MR63147M (GEN)	5962-9206101HYA
MAX630MJA/883B	5962-9454001MPA	UT63M135 (GEN)	5962-8864407YA	MR63147M (GEN)	5962-9206101HZA
ACTS630-02 (GEN)	5962F9672102V9A	UT63M135 (GEN)	5962-8864407ZA	UT63M147 (GEN)	5962-9322601MXA
ACTS630-02 (GEN)	5962F9672102VXC	BUS63136II	5962-8944704HYC	UT63M147 (GEN)	5962-9322601MZA
ACTS630-02 (GEN)	5962F9672102VYC	UT63M137 (GEN)	5962-8864408XA	UT63M147E (GEN)	5962-9322603Q9A
ACS630-02 (GEN)	5962F9671102V9A	UT63M137 (GEN)	5962-8864408YA	UT63M147E (GEN)	5962-9322603V9A
ACS630-02 (GEN)	5962F9671102VXC	UT63M137 (GEN)	5962-8864408ZA	UT63M147E-BQA	5962-9322603QXA
ACS630-02 (GEN)	5962F9671102VYC	UT63M143-BQA	5962-0724201QXA	UT63M147E-BQA	5962H9322603QXA
MAX631A (GEN)	5962-9214101MPA	UT63M143-BQA	5962-0724202QXA	UT63M147E-BQC	5962-9322603QXC
MAX631B (GEN)	5962-9214102MPA	UT63M143-BQA	5962H0724201QXA	UT63M147E-BQC	5962H9322603QXC
BUS-63100 (GEN)	5962-8604905XC	UT63M143-BQA	5962H0724202QXA	UT63M147E-BVA	5962-9322603VXA
BUS-63100 (GEN)	5962-8604905XA	UT63M143-BQC	5962-0724201QXC	UT63M147E-BVA	5962H9322603VXA
BUS63102II (GEN)	5962-9174903HYA	UT63M143-BQC	5962-0724202QXC	UT63M147E-BVC	5962-9322603VXC
BUS63104II (GEN)	5962-9174904HXA	UT63M143-BQC	5962H0724201QXC	UT63M147E-BVC	5962H9322603VXC
BUS63104II (GEN)	5962-9174904HYA	UT63M143-BQC	5962H0724202QXC	UT63M147E-CQA	5962-9322603QZA
BUS-63105 (GEN)	5962-8604901XA	UT63M143-BVA	5962-0724201VXA	UT63M147E-CQA	5962H9322603QZA
BUS-63105II-110	5962-8604902ZC	UT63M143-BVA	5962-0724202VXA	UT63M147E-CQC	5962-9322603QZC
BUS-63105II-130	5962-8604902ZC	UT63M143-BVA	5962H0724201VXA	UT63M147E-CQC	5962H9322603QZC
BUS-63105II-140	5962-8604902ZA	UT63M143-BVA	5962H0724202VXA	UT63M147E-CVA	5962-9322603VZA
BUS-63105II-150	5962-8604902ZA	UT63M143-BVC	5962-0724201VXC	UT63M147E-CVA	5962H9322603VZA
BUS-63105II-633	5962-8604902ZC	UT63M143-BVC	5962-0724202VXC	UT63M147E-CVC	5962-9322603VZC
BUS-63105II-634	5962-8604902ZA	UT63M143-BVC	5962H0724201VXC	UT63M147E-CVC	5962H9322603VZC
UT63M105 (GEN)	5962-8864401UA	UT63M143-BVC	5962H0724202VXC	UT63M147E-Q DIE	5962H9322603Q9A
UT63M105 (GEN)	5962R8864401VUA	UT63M143-CQA	5962-0724201QYA	UT63M147E-V DIE	5962H9322603V9A
BUS-63106II (GEN)	5962-8604902TC	UT63M143-CQA	5962-0724202QYA	MR63147M-2 (GEN)	5962-9206102HXA
UT63M107 (GEN)	5962-8864402UA	UT63M143-CQA	5962H0724201QYA	MR63147M-2 (GEN)	5962-9206102HYA
UT63M115 (GEN)	5962-8864403UA	UT63M143-CQA	5962H0724202QYA	MR63147M-2 (GEN)	5962-9206102HZA
UT63M117 (GEN)	5962-8864404UA	UT63M143-CQC	5962-0724201QYC	UT63M149 (GEN)	5962-9322602MXA
BUS-63123-110	5962-8757902TC	UT63M143-CQC	5962-0724202QYC	UT63M149 (GEN)	5962-9322602MZA
BUS-63123-140	5962-8757902TA	UT63M143-CQC	5962H0724201QYC	MAX632A (GEN)	5962-9214103MPA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MAX632B (GEN)	5962-9214104MPA	BU-63705D3-150	5962-8979810TA	BU63925F0-140	5962-9688713HUA
UT6325 (GEN)	5962F0422902VXA	BU-63705F1-110	5962-8979808ZC	BU63925G0-140	5962-9688713HZA
UT6325 (GEN)	5962F0422902VYA	BU-63705F1-130	5962-8979808ZC	BU63925D1-110	5962-9688710HXC
UT6325 (GEN)	5962F0422902VZA	BU-63705F1-140	5962-8979808ZA	BU63925F1-110	5962-9688710HUC
UT6325UCC	5962F0422901QUF	BU-63705F1-150	5962-8979808ZA	BU63925G1-110	5962-9688710HXC
UT6325UCC	5962F0422901VUF	BU-63705F2-110	5962-8979809ZC	BU63925D1-140	5962-9688710HXA
UT6325UWC	5962F0422902QUF	BU-63705F2-130	5962-8979809ZC	BU63925F1-140	5962-9688710HUA
UT6325UWC	5962F0422903QZC	BU-63705F2-140	5962-8979809ZA	BU63925G1-140	5962-9688710HZA
UT6325XCC	5962F0422901QXC	BU-63705F2-150	5962-8979809ZA	BU63925D2-110	5962-9688711HXC
UT6325XCC	5962F0422901VXC	BU-63705F3-110	5962-8979810ZC	BU63925F2-110	5962-9688711HUC
UT6325XCC	5962F0422903QXC	BU-63705F3-130	5962-8979810ZC	BU63925G2-110	5962-9688711HXC
UT6325XWC	5962F0422902QXC	BU-63705F3-140	5962-8979810ZA	BU63925D2-140	5962-9688711HXA
UT6325YCC	5962F0422901QYC	BU-63705F3-150	5962-8979810ZA	BU63925F2-140	5962-9688711HUA
UT6325YCC	5962F0422901VYC	MAX638AMJA/883B	5962-9212701MPA	BU63925G2-140	5962-9688711HZA
UT6325YCC	5962F0422903QYC	MAX638B (GEN)	5962-9212702MPA	BU63925D3-110	5962-9688716HXC
UT6325YWC	5962F0422902QYC	BU63825D0-110	5962-9688712HXC	BU63925F3-110	5962-9688716HUC
UT6325ZCC	5962F0422901QZC	BU63825F0-110	5962-9688712HUC	BU63925G3-110	5962-9688716HXC
UT6325ZCC	5962F0422901VZC	BU63825G0-110	5962-9688712HXC	BU63925D3-140	5962-9688716HXA
UT6325ZCC	5962F0422903QZC	BU63825D0-140	5962-9688712HXA	BU63925F3-140	5962-9688716HUA
UT6325ZWC	5962F0422902QZC	BU63825F0-140	5962-9688712HUA	BU63925G3-140	5962-9688716HZA
MAX633AMJA/883B	5962-9214105MPA	BU63825G0-140	5962-9688712HZA	BU63925D6-110	5962-9688717HXC
MAX633BMJA/883B	5962-9214106MPA	BU63825D1-110	5962-9688708HXC	BU63925F6-110	5962-9688717HUC
MAX634MJA/883B	5962-9212401MPA	BU63825F1-110	5962-9688708HUC	BU63925G6-110	5962-9688717HXC
HX6356/PQFT	5962F9584504QUC	BU63825G1-110	5962-9688708HXC	BU63925D6-140	5962-9688717HXA
HX6356/PQHT	5962H9584504QUC	BU63825D1-140	5962-9688708HXA	BU63925F6-140	5962-9688717HUA
HX6356/PQRT	5962R9584504QUC	BU63825F1-140	5962-9688708HUA	BU63925G6-140	5962-9688717HZA
HX6356/PVFT	5962F9584504VUC	BU63825G1-140	5962-9688708HZA	OP64A (GEN)	5962-90535012A
HX6356/PVHT	5962H9584504VUC	BU63825F1-451L	5962-9688708KUA	OP64A (GEN)	5962-9053501GA
HX6356/PVRT	5962R9584504VUC	BU63825F1-431L	5962-9688708KUC	OP64A (GEN)	5962-9053501PA
HX6356/XQHC	5962H99A1501QZC	BU63825G1-608	5962-9688708KZC	RHR64DIE2V	5962R1620501V9A
HC6364/1 (GEN)	5962H3829438Q9C	BU63825D2-110	5962-9688709HXC	RHR64K01V	5962R1620501VXC
HC6364/1 (GEN)	5962H3829438V9C	BU63825F2-110	5962-9688709HUC	RHR64K02V	5962R1620501VXA
HC6364/1 (GEN)	5962H3829440Q9C	BU63825G2-110	5962-9688709HXC	AD640 (GEN)	5962-9095501M2A
HC6364/1 (GEN)	5962H3829440V9C	BU63825D2-140	5962-9688709HXA	AD640 (GEN)	5962-9095501MRA
HC6364/1 (GEN)	5962H3829442Q9C	BU63825F2-140	5962-9688709HUA	AD640TD/883B	5962-9095502MRA
HC6364/1 (GEN)	5962H3829442V9C	BU63825G2-140	5962-9688709HZA	AD640TE/883B	5962-9095502M2A
HC6364/1 (GEN)	5962H3829443Q9C	BU63825D3-110	5962-9688714HXC	MSK640B (GEN)	5962-9472701HXA
HC6364/1 (GEN)	5962H3829443V9C	BU63825F3-110	5962-9688714HUC	MN6400SMXA	5962-9177002HXA
HC6364/2 (GEN)	5962H3829445Q9C	BU63825G3-110	5962-9688714HXC	MN6400SMXC	5962-9177002HXC
HC6364/2 (GEN)	5962H3829445V9C	BU63825D3-140	5962-9688714HXA	MN6400T (GEN)	5962-9177001HXA
AD637SQ/883B	5962-8963701CA	BU63825F3-140	5962-9688714HUA	IBM6401C-55 (GEN)	5962H9215401QXC
BU-63705D1-110	5962-8979808TC	BU63825G3-140	5962-9688714HZA	IBM6401C-55 (GEN)	5962H9215401QYC
BU-63705D1-130	5962-8979808TC	BU63825D6-110	5962-9688715HXC	IBM6401C-55 (GEN)	5962H9215401VXC
BU-63705D1-140	5962-8979808TA	BU63825F6-110	5962-9688715HUC	IBM6401C-55 (GEN)	5962H9215401VYC
BU-63705D1-150	5962-8979808TA	BU63825G6-110	5962-9688715HXC	IBM6401T-55 (GEN)	5962H9215402QXC
BU-63705D2-110	5962-8979809TC	BU63825D6-140	5962-9688715HXA	IBM6401T-55 (GEN)	5962H9215402QYC
BU-63705D2-130	5962-8979809TC	BU63825F6-140	5962-9688715HUA	IBM6401T-55 (GEN)	5962H9215402VXC
BU-63705D2-140	5962-8979809TA	BU63825G6-140	5962-9688715HZA	IBM6401T-55 (GEN)	5962H9215402VYC
BU-63705D2-150	5962-8979809TA	BU63925D0-110	5962-9688713HXC	HD1-6402B	5962-9052502MQA
BU-63705D3-110	5962-8979810TC	BU63925F0-110	5962-9688713HUC	HD1-6402R	5962-9052501MQA
BU-63705D3-130	5962-8979810TC	BU63925G0-110	5962-9688713HXC	HRT6408AVF	5962F0821502VXC
BU-63705D3-140	5962-8979810TA	BU63925D0-140	5962-9688713HXA	HRT6408AWF	5962F0821502QXC

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
HXS6408AQH	5962H0821501QXC	AD648TH/QMLV	5962-9753502VGA	BU-65170S2-110	5962-9306502HXC
HXS6408AVH	5962H0821501VXC	AD648TQ/QMLV	5962-9753502VPA	BU-65170S2-130	5962-9306502HXC
HX6408-20	5962F0620304QXC	LMC6482AMJ/883	5962-9453401MPA	BU-65170S2-140	5962-9306502HXA
HX6408-20	5962F0620304VXC	LMC6484 (GEN)	5962-9453402VXA	BU-65170S2-150	5962-9306502HXA
HX6408KQFN20	5962F0620302Q9A	LMC6484AMJ/883	5962-9453402MCA	BU-65170V2-110	5962-9306502HYC
HX6408KVFN20	5962F0620302V9A	LMC6484AMWG/883	5962-9453402QXA	BU-65170V2-130	5962-9306502HYC
HX6408XQFN20	5962F0620302QXC	MN6500SMXA	5962-0625701HXA	BU-65170V2-140	5962-9306502HYA
HX6408XVFN20	5962F0620302VXC	MN6500SMXC	5962-0625701HXC	BU-65170V2-150	5962-9306502HYA
HX6408KQFN25	5962F0620301Q9A	HM-6504B (GEN)	8102403VA	BU-65170 (GEN)	5962-9306509HXA
HX6408KVFN25	5962F0620301V9A	BUS-65111 (GEN)	5962-8763201XA	BU-65170 (GEN)	5962-9306509HYA
HX6408XQFM25	5962F0620303QXC	BUS-65112 (GEN)	5962-8753501XA	BU-65170DG3-110	5962-9306530HNC
HX6408XQFN25	5962F0620301QXC	BUS-65117 (GEN)	5962-8753501YA	BU-65170DG3-130	5962-9306530HNC
HX6408XQHN25	5962H0620305QXC	HM1-6514 (GEN)	8102406VA	BU-65170DG3-140	5962-9306530HNA
HX6408XVFM25	5962F0620303VXC	HM-6514S (GEN)	8102402VA	BU-65170DG3-150	5962-9306530HNA
HX6408XVFN25	5962F0620301VXC	BU-65142 (GEN)	5962-8979805TA	BU-65170DS3-110	5962-9306530HXC
HX6408XVHN25	5962H0620305VXC	BU-65142 (GEN)	5962-8979805ZA	BU-65170DS3-130	5962-9306530HXC
LOR6408C-55 (GEN)	5962H3829444Q9C	BU-65142 (GEN)	5962-8979806TA	BU-65170DS3-140	5962-9306530HXA
LOR6408C-55 (GEN)	5962H3829444V9C	BU-65142 (GEN)	5962-8979806ZA	BU-65170DS3-150	5962-9306530HXA
HD1-6409/883	5962-9088801MRA	BU-65142 (GEN)	5962-8979807TA	BU-65170DS6-140	5962-9306531HXA
HD-6409 (GEN)	5962-9088801M2A	BU-65142 (GEN)	5962-8979807ZA	BU-65170DV3-110	5962-9306530HYC
AD641 (GEN)	5962-9559801MRA	BUS-65142 (GEN)	5962-8979801XC	BU-65170DV3-130	5962-9306530HYC
AD641SQ	5962-9559802MRA	BUS-65143 (GEN)	5962-8979802XA	BU-65170DV3-140	5962-9306530HYA
MAX641AMJA/883B	5962-9325401MPA	BUS-65144 (GEN)	5962-8979801YA	BU-65170DV3-150	5962-9306530HYA
MSK641B (GEN)	5962-9472702HXA	BUS-65145 (GEN)	5962-8979802YA	BU-65170 (GEN)	5962-9306510HXA
UT64BS1X433QXC	5962F1524201QXC	BUS-65153II-110	5962-9216201HXC	BU-65170 (GEN)	5962-9306510HYA
UT64BS1X433VXC	5962F1524201VXC	BUS-65153II-140	5962-9216201HXA	BU-65170DG6-110	5962-9306531HNC
L64230-12 (GEN)	5962-9050401MXC	BUS-65154II-110	5962-9216202HXC	BU-65170DG6-130	5962-9306531HNC
L64230-16 (GEN)	5962-9050402MXC	BUS-65154II-140	5962-9216202HXA	BU-65170DG6-140	5962-9306531HNA
L64230-60 (GEN)	5962-9050402MYA	6516B (GEN)	8403607JA	BU-65170DG6-150	5962-9306531HNA
L64230-75 (GEN)	5962-9050401MYA	HM-6516 (GEN)	8403601JA	BU-65170DS6-110	5962-9306531HXC
HCPL-6431	5962-89571022A	HM-6516 (GEN)	8403601ZA	BU-65170DS6-130	5962-9306531HXC
UT64CAN3330XQC	5962R1523201QXC	65162C (GEN)	8403603ZA	BU-65170DS6-150	5962-9306531HXA
UT64CAN3330XVC	5962R1523201VXC	HM1-65162/883	8403602JA	BU-65170DV6-110	5962-9306531HYC
UT64CAN3331XQC	5962R1523202QXC	HM1-65162B/883	8403606JA	BU-65170DV6-130	5962-9306531HYC
UT64CAN3331XVC	5962R1523202VXC	HM1-65162C/883	8403603JA	BU-65170DV6-140	5962-9306531HYA
UT64CAN3332XQC	5962R1523203QXC	HM-65162 (GEN)	8403602ZA	BU-65170DV6-150	5962-9306531HYA
UT64CAN3332XVC	5962R1523203VXC	BUS-65163II-110	5962-9216201HYC	BU-65171J1-110	5962-9306505HZC
HCPL-643K	5962-8957104K2A	BUS-65163II-140	5962-9216201HYA	BU-65171J1-130	5962-9306505HZC
MN6450SMXA	5962-9225302HXA	BUS-65164II-110	5962-9216202HYC	BU-65171S1-110	5962-9306505HXC
MN6450SMXC	5962-9225302HXC	BUS-65164II-140	5962-9216202HYA	BU-65171S1-130	5962-9306505HXC
MN6450T (GEN)	5962-9225301HXA	BU-65170J1-110	5962-9306501HZC	BU-65171S1-140	5962-9306505HXA
MN6450T (GEN)	5962-9225301HXC	BU-65170J1-130	5962-9306501HZC	BU-65171S1-150	5962-9306505HXA
HCTS646 (GEN)	5962R9575901V9A	BU-65170S1-110	5962-9306501HXC	BU-65171V1-110	5962-9306505HYC
HCTS646 (GEN)	5962R9575901VJC	BU-65170S1-130	5962-9306501HXC	BU-65171V1-130	5962-9306505HYC
HCTS646 (GEN)	5962R9575901VXC	BU-65170S1-140	5962-9306501HXA	BU-65171V1-140	5962-9306505HYA
LMC6462A (GEN)	5962-9560301QPA	BU-65170S1-150	5962-9306501HXA	BU-65171V1-150	5962-9306505HYA
LMC6464A (GEN)	5962-9560302QXA	BU-65170V1-110	5962-9306501HYC	BU-65171J2-110	5962-9306506HZC
LMC6464AMJ-QML	5962-9560302QCA	BU-65170V1-130	5962-9306501HYC	BU-65171J2-130	5962-9306506HZC
L64710-25 (GEN)	5962-9217102MXC	BU-65170V1-140	5962-9306501HYA	BU-65171S2-110	5962-9306506HXC
L64710-33 (GEN)	5962-9217101MXC	BU-65170V1-150	5962-9306501HYA	BU-65171S2-130	5962-9306506HXC
AD648SH/QMLV	5962-9753501VGA	BU-65170J2-110	5962-9306502HZC	BU-65171S2-140	5962-9306506HXA
AD648SQ/QMLV	5962-9753501VPA	BU-65170J2-130	5962-9306502HZC	BU-65171S2-150	5962-9306506HXA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
BU-65171V2-110	5962-9306506HYC	BU-65179CF3-150	5962-9306544HTA	HS-65647 (GEN)	5962F9582301VYC
BU-65171V2-130	5962-9306506HYC	BU-65179CG3-110	5962-9306544HMC	6565-041 (GEN)	5962-98A0801QXC
BU-65171V2-140	5962-9306506HYA	BU-65179CG3-130	5962-9306544HMC	6568-009 (GEN)	5962-96A0601QXC
BU-65171V2-150	5962-9306506HYA	BU-65179CG3-140	5962-9306544HMA	6571-026 (GEN)	5962-99A2301QXC
BU-61581 (GEN)	5962-9306513HYA	BU-65179CG3-150	5962-9306544HMA	6571-028 (GEN)	5962-00A0801QXC
BU-65171 (GEN)	5962-9306513HXA	BU-65179CP3-110	5962-9306544HUC	6571-029 (GEN)	5962-99A2401QXC
BU-65171DG3-110	5962-9306534HNC	BU-65179CP3-130	5962-9306544HUC	6571-030 (GEN)	5962-00A0701QXC
BU-65171DG3-130	5962-9306534HNC	BU-65179CP3-140	5962-9306544HUA	6571-031 (GEN)	5962-99A2402QXC
BU-65171DG3-140	5962-9306534HNA	BU-65179CP3-150	5962-9306544HUA	6574-027 (GEN)	5962-97A1401QXC
BU-65171DG3-150	5962-9306534HNA	AD652SQ/883B	5962-9322201MEA	6577-024 (GEN)	5962-99A2001QXC
BU-65171DS3-110	5962-9306534HXC	AD652SQ/QMLV	5962-9322201VEA	6577-524 (GEN)	5962-99A0602QYC
BU-65171DS3-130	5962-9306534HXC	HM-65262 (GEN)	8413203YA	6577-525 (GEN)	5962-99A0601NXB
BU-65171DS3-140	5962-9306534HXA	HCPL-6531	5962-87679032A	6580-016 (GEN)	5962-96A1701QXA
BU-65171DS3-150	5962-9306534HXA	HCPL-653K	5962-8767907K2A	6580-020 (GEN)	5962-97A1201QXC
BU-65171DV3-110	5962-9306534HYC	HCPL-6551	5962-8767904FC	6580-020 (GEN)	5962-97A1201QZC
BU-65171DV3-130	5962-9306534HYC	6553-018 (GEN)	5962-95A0301M3A	6580-024 (GEN)	5962-97A1202QYC
BU-65171DV3-140	5962-9306534HYA	6553-018 (GEN)	5962-95A0301Q3A	6580-025 (GEN)	5962-97A1301QXC
BU-65171DV3-150	5962-9306534HYA	6556-033 (GEN)	5962-99A0101QXC	6580-028 (GEN)	5962-98A0601QXC
BU-65171DV6-110	5962-9306535HYC	6559-008 (GEN)	5962-95A0101QXA	6580-029 (GEN)	5962-98A0901NXB
BU-65171DV6-130	5962-9306535HYC	6559-049 (GEN) (GEN)	5962-99A2201QXC	6580-031 (GEN)	5962-98A1301QXC
BU-65171DV6-140	5962-9306535HYA	6559-055 (GEN)	5962-99A1701QXC	6580-032 (GEN)	5962-98A1401QXC
BU-65171DV6-150	5962-9306535HYA	6559-008 (GEN)	5962-95A0101MXA	6580-033 (GEN)	5962-98A1501NXB
BU-61581 (GEN)	5962-9306514HXA	HCPL-655K	5962-8767908KFC	6580-045 (GEN)	5962-98A0401QXC
BU-61581 (GEN)	5962-9306514HYA	65608-30 (GEN)	5962-8959847Q6A	6580-046 (GEN)	5962-98A0201QXC
BU-65171DG6-110	5962-9306535HNC	MMC9-65608EV-30MQ	5962-8959847QZC	6580-050 (GEN)	5962-98A1901QXC
BU-65171DG6-130	5962-9306535HNC	MMDJ-65608EV-30MQ	5962-8959847QTC	6580-051 (GEN)	5962-98A1901QYC
BU-65171DG6-140	5962-9306535HNA	SM0-65608EV-30SV	5962-8959847V6A	6580-057 (GEN)	5962-98A1201QXC
BU-65171DG6-150	5962-9306535HNA	SMC9-65608EV-30SV	5962-8959847VZC	6580-062 (GEN)	5962-99A1102QYC
BU-65171DS6-110	5962-9306535HXC	SMDJ-65608EV-30SV	5962-8959847VTC	6580-063 (GEN)	5962-98A0701QXC
BU-65171DS6-130	5962-9306535HXC	65608-35 (GEN)	5962-8959819VTC	6580-064 (GEN)	5962-99A1101NXB
BU-65171DS6-140	5962-9306535HXA	65608-35 (GEN)	5962-8959819VZC	6580-064 (GEN)	5962-99A1101NZB
BU-65171DS6-150	5962-9306535HXA	65608-35 (GEN)	5962-8959836VTC	6580-065 (GEN)	5962-00A0201QXC
BU-65178 (GEN)	5962-9306526HTA	65608-35 (GEN)	5962-8959836VZC	6580-502 (GEN)	5962-94B0201MYA
BU-65178 (GEN)	5962-9306526HUA	65608-45 (GEN)	5962-8959835VTC	6580-502 (GEN)	5962-94B0201QYA
BU-65178CF3-110	5962-9306543HTC	65608-45 (GEN)	5962-8959835VZC	6580-526 (GEN)	5962-98A2001QXC
BU-65178CF3-130	5962-9306543HTC	MMC9-65608EV-45MQ	5962-8959818MZC	6580-527 (GEN)	5962-98A3301QXC
BU-65178CF3-140	5962-9306543HTA	MMDJ-65608EV-45MQ	5962-8959818MTC	6580-530 (GEN)	5962-98A1001QXC
BU-65178CF3-150	5962-9306543HTA	SMC9-65608EV-45SV	5962-8959818VZC	6580-533 (GEN)	5962-99A1801NXB
BU-65178CG3-110	5962-9306543HMC	SMDJ-65608EV-45SV	5962-8959818VTC	6580-535 (GEN)	5962-99A2501QXC
BU-65178CG3-130	5962-9306543HMC	AT65609EHV-C940MQ	5962-8959849QZC	6583-508 (GEN)	5962-98A2101QXC
BU-65178CG3-140	5962-9306543HMA	AT65609EHV-C940SR	5962R8959849VZC	6583-512 (GEN)	5962-98A2102QXC
BU-65178CG3-150	5962-9306543HMA	AT65609EHV-C940SV	5962-8959849VZC	6589-007 (GEN)	5962-00A0501QXC
BU-65178CP3-110	5962-9306543HUC	AT65609EHV-DJ40MQ	5962-8959849QTC	AD660SQ/883B	5962-9463301MLA
BU-65178CP3-130	5962-9306543HUC	AT65609EHV-DJ40SR	5962R8959849VTC	LMC660 (GEN)	5962-9209301MCA
BU-65178CP3-140	5962-9306543HUA	AT65609EHV-DJ40SV	5962-8959849VTC	LPC660AMJ/883	5962-9209302MCA
BU-65178CP3-150	5962-9306543HUA	MMDJ-65609EV-40MQ	5962-0250101QXC	MAX660 (GEN)	5962-9463201MPA
BU-65179 (GEN)	5962-9306527HMA	SMDJ-65609EV-40SR	5962R0250101VXC	MAX660MLP/883B	5962-9463201M2C
BU-65179 (GEN)	5962-9306527HTA	SMDJ-65609EV-40SV	5962-0250101VXC	66024 (GEN)	5962-87679012A
BU-65179 (GEN)	5962-9306527HUA	HS-65643A (GEN)	5962F9582201VXC	66071 (GEN)	5962-8978501XA
BU-65179CF3-110	5962-9306544HTC	HS-65647 (GEN)	5962F9582301QXC	66071 (GEN)	5962-8978505KXA
BU-65179CF3-130	5962-9306544HTC	HS-65647 (GEN)	5962F9582301QYC	66072 (GEN)	8102801XA
BU-65179CF3-140	5962-9306544HTA	HS-65647 (GEN)	5962F9582301VXC	66072 (GEN)	5962-9800101KXA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
66079 (GEN)	5962-9167601HXA	ACPL-6651L	5962-0824204HZC	LMH6702J-QMLV	5962-0254601VPA
66079 (GEN)	5962-9167601HYA	ACPL-665KL	5962-0824204KZC	LMH6702WGFQMLV	5962F0254602VZA
66079 (GEN)	5962-9167601KXA	HCPL-665K	5962-9800104KFA	LMH6702WGFQMLV	5962F0254601VZA
66079 (GEN)	5962-9167601KYA	HCPL-665K	5962-9800104KFC	LMH6702WG-QMLV	5962-0254601VZA
66111 (GEN)	5962-94A1401MXA	HCPL-6651	8102804FC	LMH6714 (GEN)	5962-0420201QPA
66124 (GEN)	5962-89785062C	6656 (GEN)	5962H9751701QXC	LMH6714 (GEN)	5962-0420201QZA
HM1-6617 (GEN)	5962-8954001JA	6656 (GEN)	5962H9751701QYC	LMH6715 (GEN)	5962-0254701VPA
HM1-6617B (GEN)	5962-8954002JA	6656 (GEN)	5962H9751701QZC	LMH6715 (GEN)	5962F0254701QPA
HM4-6617 (GEN)	5962-8954001XA	6656 (GEN)	5962H9751701VXC	LMH6715JFQMLV	5962F0254701VPA
HM4-6617B (GEN)	5962-8954002XA	6656 (GEN)	5962H9751701VYC	LMH6715J-QML	5962-0254701QPA
HM6-6617 (GEN)	5962-8954001LA	6656 (GEN)	5962H9751701VZC	AD671S-500 (GEN)	5962-9551901MLA
HM6-6617B (GEN)	5962-8954002LA	6656 (GEN)	5962H9751702QXC	UT6716455 (GEN)	5962H3829437BNA
HS-6617 (GEN)	5962R9570801TJC	6656 (GEN)	5962H9751702QYC	UT6716455 (GEN)	5962H3829437BXA
HS-6617 (GEN)	5962R9570801TXC	6656 (GEN)	5962H9751702QZC	UT6716455 (GEN)	5962H3829437SNA
HS-6617 (GEN)	5962R9570801VJC	6656 (GEN)	5962H9751702VXC	UT6716455 (GEN)	5962H3829437SXA
HS-6617 (GEN)	5962R9570801VXC	6656 (GEN)	5962H9751702VYC	UT6716470 (GEN)	5962H3829436BNA
HS-6617 (GEN)	5962R9570801QJC	6656 (GEN)	5962H9751702VZC	UT6716470 (GEN)	5962H3829436BXA
HS-6617 (GEN)	5962R9570801QXC	HX6656/NQHC	5962H9864401QYC	UT6716470 (GEN)	5962H3829436SNA
LMC662 (GEN)	5962-9209401MPA	HX6656/NQHT	5962H9864402QYC	UT6716470 (GEN)	5962H3829436SXA
LPC662 (GEN)	5962-9209402MPA	HX6656/NVHC	5962H9864401VYC	UT6716485 (GEN)	5962H3829435BNA
66212 (GEN)	5962-94A1501MXA	HX6656/NVHT	5962H9864402VYC	UT6716485 (GEN)	5962H3829435BXA
LMH6624 (GEN)	5962-0254401QPA	HX6656/XQHC	5962H9864401QZC	UT6716485 (GEN)	5962H3829435SNA
LMH6624 (GEN)	5962-0254401QZA	HX6656/XQHT	5962H9864402QZC	UT6716485 (GEN)	5962H3829435SXA
LMH6624 (GEN)	5962-0254401VPA	HX6656/XVHC	5962H9864401VZC	AD671S-750 (GEN)	5962-9551902MLA
LMH6624 (GEN)	5962-0254401VZA	HX6656/XVHT	5962H9864402VZC	LMH6720 (GEN)	5962-0420301QPA
LMH6628 (GEN)	5962-0254501MPA	MAX666MJA/883B	5962-9212603MPA	LMH6720 (GEN)	5962-0420301QZA
LMH6628 (GEN)	5962-0254501VZA	6664 (GEN)	5962H9754401QZC	7204-15 (GEN)	5962-8956808QUC
LMH6628 (GEN)	5962F0254501MPA	6664 (GEN)	5962H9754401VZC	7204-15 (GEN)	5962-8956808QYC
LMH6628 (GEN)	5962F0254501MZA	6664 (GEN)	5962H9754402QZC	7204-15 (GEN)	5962-8956808VUC
LMH6628 (GEN)	5962F0254501VPA	6664 (GEN)	5962H9754402VZC	7204-15 (GEN)	5962-8956808VYC
LMH6628J-QMLV	5962-0254501VPA	HX6664/XQHC-1	5962H99A0401QZC	MMCP-67204FV-15MQ	5962-8956808QTC
LMH6628WGFQMLV	5962F0254501VZA	HX6664/XQHC-2	5962H99A0402QZC	MMDP-67204FV-15MQ	5962-8956808QNC
LMH6628WG-QML	5962-0254501MZA	HX6664/XQHC-3	5962H99A0403QZC	SMCP-67204FV-15SR	5962D8956808VTC
HCPL-663K	5962-9800103K2A	HX6664/XQHC-4	5962H99A0404QZC	SMCP-67204FV-15SV	5962-8956808VTC
MAX663 (GEN)	5962-9212601MPA	HS1-6664RH-8	5962F9562601QXC	SMDP-67204FV-15SR	5962D8956808VNC
BUS-66300II (GEN)	5962-8858601XA	HS1-6664RH-Q	5962F9562601VXC	SMDP-67204FV-15SV	5962-8956808VNC
BUS-66301II (GEN)	5962-8858601YA	HS1-6664RH-T	5962R9562601TXC	MMCP-67204HV-25MQ	5962-8956810QTC
HCPL-6631	81028032A	HS9-6664RH-8	5962F9562601QYC	MMDP-67204HV-25MQ	5962-8956810QNC
66311 (GEN)	5962-94A1601MXA	HS9-6664RH-Q	5962F9562601VYC	SMCP-67204HV-25SR	5962D8956810VTC
AD664TDBIP/883B	5962-8871902MXA	HS9-6664RH-T	5962R9562601TYC	SMCP-67204HV-25SV	5962-8956810VTC
AD664TDUNI/883B	5962-8871901MXA	AD667SD/883B	5962-8865901XA	SMDP-67204HV-25SR	5962D8956810VNC
AD664TE/883B	5962-8871903MYA	AD667SE/883B	5962-88659013A	SMDP-67204HV-25SV	5962-8956810VNC
MAX664 (GEN)	5962-9212602MPA	MAX667MJA/883B	5962-9212604MPA	7204-30 (GEN)	5962-8956806QUC
HM1-6642 (GEN)	5962-8869001JA	AD668 (GEN)	5962-9557901MLA	7204-30 (GEN)	5962-8956806QYC
HM1-6642B (GEN)	5962-8869002JA	6685 (GEN)	8600803EA	7204-30 (GEN)	5962-8956806VUC
HM4-6642 (GEN)	5962-88690013A	6685 (GEN)	8600803IA	7204-30 (GEN)	5962-8956806VYC
HM4-6642B (GEN)	5962-88690023A	AM6687 (GEN)	7801902EA	MMCP-67204FV-30MQ	5962-8956806QTC
HM6-6642 (GEN)	5962-8869001LA	AD670SD/883B	5962-8763501RA	MMCP-67204HV-30MQ	5962-8956809QTC
HM6-6642B (GEN)	5962-8869002LA	LMH6702 (GEN)	5962-0254601QPA	MMDP-67204FV-30MQ	5962-8956806QNC
AD6645ASQ/QMLL	5962L0423003VXC	LMH6702 (GEN)	5962-0254601QZA	MMDP-67204HV-30MQ	5962-8956809QNC
AD6645ASQ/QMLQ	5962-0423001QXC	LMH6702JFLQMLV	5962F0254602VPA	SMCP-67204FV-30SR	5962D8956806VTC
AD6645ASQ/QMLR	5962R0423002VXC	LMH6702JFQMLV	5962F0254601VPA	SMCP-67204FV-30SV	5962-8956806VTC



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SMCP-67204HV-30SR	5962D8956809VTC	BU-67402G30HL-140	5962-1322501HYA	68000-8 (GEN)	8202102YC
SMCP-67204HV-30SV	5962-8956809VTC	BU-67402F30KL-431L	5962-1322501KXC	68000-8 (GEN)	8202102ZC
SMDP-67204FV-30SR	5962D8956806VNC	BU-67402G30KL-431L	5962-1322501KYC	TS68C000MC1B/C8A	5962-8946201MYA
SMDP-67204FV-30SV	5962-8956806VNC	BU-67402G30KL-451L	5962-1322501KYA	TS68C000MCB/C8A	5962-8946201MYC
SMDP-67204HV-30SR	5962D8956809VNC	BU-67402F80HL-110	5962-1322502HXC	TS68C000ME1B/C8A	5962-8946201MXA
SMDP-67204HV-30SV	5962-8956809VNC	BU-67402G80HL-110	5962-1322502HYC	TS68C000MF1B/C8A	5962-8946201MZA
7204-40 (GEN)	5962-8956805QNC	BU-67402G80HL-140	5962-1322502HYA	TS68C000MFB/C8A	5962-8946201MZC
7204-40 (GEN)	5962-8956805QTC	BU-67402F80KL-431	5962-1322502KXC	TS68C000MR1B/C8A	5962-8946201MUA
7204-40 (GEN)	5962-8956805QUC	BU-67402G80KL-431	5962-1322502KYC	TS68C000MRB/C8A	5962-8946201MUC
7204-40 (GEN)	5962-8956805QYC	BU-67402G80KL-451	5962-1322502KYA	68HC001-10 (GEN)	5962-8946205MUA
7204-40 (GEN)	5962-8956805VNC	ACPL-6751L	5962-0822704HZC	68HC001-12 (GEN)	5962-8946206MUA
7204-40 (GEN)	5962-8956805VTC	ACPL-675KL	5962-0822704KZC	68HC001-8 (GEN)	5962-8946204MUA
7204-40 (GEN)	5962-8956805VUC	HCPL-675K	5962-9800201KFC	CF68006 (GEN)	5962-93A2401MYA
7204-40 (GEN)	5962-8956805VYC	BU-67502F80HL-110L	5962-1722901HXC	CF68010 (GEN)	5962-93A2501MYA
7204-50 (GEN)	5962-8956804QNC	BU-67502G80HL-140L	5962-1722901HYA	CF68014 (GEN)	5962-93A2601MYA
7204-50 (GEN)	5962-8956804QTC	HCPL-6751	8302401FC	CF68016 (GEN)	5962-93A2301MXA
7204-50 (GEN)	5962-8956804QUC	BU-67521F80HL-110	5962-1720901HXC	CF68017 (GEN)	5962-93A2401MXA
7204-50 (GEN)	5962-8956804QYC	BU-67521F80HL-140	5962-1720901HXA	68020-12 (GEN)	5962-8603201XA
7204-50 (GEN)	5962-8956804VNC	BU-67521G80HL-110	5962-1720901HYC	TS68020MF1B/C16	5962-8603202YA
7204-50 (GEN)	5962-8956804VTC	BU-67521G80HL-140	5962-1720901HYA	TS68020MFB/C16	5962-8603202YC
7204-50 (GEN)	5962-8956804VUC	AD676TD/883B	5962-9474301MXA	TS68020MR1B/C16	5962-8603202XA
7204-50 (GEN)	5962-8956804VYC	AD677TD/883B	5962-9559201MEA	TS68020MRB/C16	5962-8603202XC
6721-052 (GEN)	5962-98A0301QXC	MAX680 (GEN)	5962-9312001MPA	TS68020MF1B/C20	5962-8603203YA
LMH6722 (GEN)	5962-0324901QCA	68000-10 (GEN)	8202103TA	TS68020MFB/C20	5962-8603203YC
LMH6722 (GEN)	5962-0324901QZA	68000-10 (GEN)	8202103UC	TS68020MR1B/C20	5962-8603203XA
AD673SD/883	5962-8850502RA	68000-10 (GEN)	8202103XA	TS68020MRB/C20	5962-8603203XC
HCPL-673K	5962-8978504K2A	68000-10 (GEN)	8202103YA	TS68020MF1B/C25	5962-8603204YA
HCPL-6731	5962-89785022A	68000-10 (GEN)	8202103ZA	TS68020MFB/C25	5962-8603204YC
674 (GEN)	5962-9468101M2C	TS68C000MC1B/C10A	5962-8946202MYA	TS68020MR1B/C25	5962-8603204XA
674 (GEN)	5962-9468101MGC	TS68C000MCB/C10A	5962-8946202MYC	TS68020MRB/C25	5962-8603204XC
674 (GEN)	5962-9468101MPA	TS68C000ME1B/C10A	5962-8946202MXA	TS68020MF1B/C33	5962-8603205YA
674ZA (GEN)	5962-9169001M3A	TS68C000MF1B/C10A	5962-8946202MZA	6802-503 (GEN)	5962-99A2101QXA
674ZA (GEN)	5962-9169001MXC	TS68C000MFB/C10A	5962-8946202MZC	68030-16 (GEN)	5962-8946401XA
674ZB (GEN)	5962-9169002M3A	TS68C000MR1B/C10A	5962-8946202MUA	68030-16 (GEN)	5962-8946401YC
674ZB (GEN)	5962-9169002MXC	TS68C000MRB/C10A	5962-8946202MUC	68030-20 (GEN)	5962-8946402XA
AD674 (GEN)	5962-9169005M3A	68000-12 (GEN)	8202104TA	68030-20 (GEN)	5962-8946402YC
AD674AT (GEN)	5962-88615023A	68000-12 (GEN)	8202104XA	68030-25 (GEN)	5962-8946403XA
AD674AT (GEN)	5962-8861502XA	68000-12 (GEN)	8202104YA	68030-25 (GEN)	5962-8946403YC
AD674AU (GEN)	5962-88615013A	68000-12 (GEN)	8202104ZA	68030-33 (GEN)	5962-8946404XA
AD674AU (GEN)	5962-8861501XA	TS68C000MC1B/C12A	5962-8946203MYA	68030-33 (GEN)	5962-8946404YC
AD674BTD/883	5962-9169003MXA	TS68C000MCB/C12A	5962-8946203MYC	TS68040MF1B/C25A	5962-9314301MZA
AD674BTE/883B	5962-9169003M3A	TS68C000ME1B/C12A	5962-8946203MXA	TS68040MFB/C25A	5962-9314301MZC
MAX674 (GEN)	5962-9468102MGC	TS68C000MF1B/C12A	5962-8946203MZA	TS68040MFTB/C25A	5962-9314301MYC
MAX674MJA/883B	5962-9468102MPA	TS68C000MFB/C12A	5962-8946203MZC	TS68040MR1B/C25A	5962-9314301MXA
MAX674MLP/883B	5962-9468102M2C	TS68C000MR1B/C12A	5962-8946203MUA	TS68040MRB/C25A	5962-9314301MXC
SP674AT (GEN)	5962-9169004M3C	TS68C000MRB/C12A	5962-8946203MUC	TS68040MF1B/C33A	5962-9314302MZA
SP674AT (GEN)	5962-9169004MXC	68000-6 (GEN)	8202101TA	TS68040MFB/C33A	5962-9314302MZC
BU-67402F0GHL-110	5962-1322501HXC	68000-6 (GEN)	8202101YA	TS68040MFTB/C33A	5962-9314302MYC
BU-67402G0GHL-110	5962-1322501HYC	68000-6 (GEN)	8202101ZA	TS68040MR1B/C33A	5962-9314302MXA
BU-67402G0GHL-140	5962-1322501HYA	68000-8 (GEN)	8202102TA	TS68040MRB/C33A	5962-9314302MXC
BU-67402F30HL-110	5962-1322501HXC	68000-8 (GEN)	8202102UC	6805-053 (GEN)	5962-00A0901NXB
BU-67402G30HL-110	5962-1322501HYC	68000-8 (GEN)	8202102XA	6805-057 (GEN)	5962-00A0101QXC



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
6805-063 (GEN)	5962-01A1101NXB	6825-514 (GEN)	5962-99A0901NXB	6856 (GEN)	5962H9215306QZC
CF68105 (GEN)	5962-93A2301MYA	6825-518 (GEN)	5962-01A0401QXC	6856 (GEN)	5962H9215306V9C
CF68107 (GEN)	5962-93A2701MYA	6825-812	5962-99A0903NXB	6856 (GEN)	5962H9215306VMC
68HC11A0 (GEN)	5962-9051001XA	6829-010 (GEN)	5962-00A1601QXC	6856 (GEN)	5962H9215306VUC
68HC11A0 (GEN)	5962-9051001YC	6830-005 (GEN)	5962-00A1101QXC	6856 (GEN)	5962H9215306VZC
68HC11A1 (GEN)	5962-9051002XA	6830-006 (GEN)	5962-00A0301QXC	6856 (GEN)	5962H9215307Q9C
68HC11A1 (GEN)	5962-9051002YA	6830-007 (GEN)	5962-00A0302QXC	6856 (GEN)	5962H9215307QM
CF68115 (GEN)	5962-93A2801MYA	TS68302MAB/C16	5962-9315901QYA	6856 (GEN)	5962H9215307QUC
68154 (GEN)	5962-8857201QA	TS68302MR1B/C16	5962-9315901QXA	6856 (GEN)	5962H9215307QZC
68155 (GEN)	5962-8866601QA	TS68302MRB/C16	5962-9315901QXC	6856 (GEN)	5962H9215307V9C
AT68166F-YS18MQ	5962-0622904QYC	68332-16 (GEN)	5962-9150101MYA	6856 (GEN)	5962H9215307VMC
AT68166F-YS18SR	5962R0622904VYC	68332-16 (GEN)	5962-9150101QYC	6856 (GEN)	5962H9215307VUC
AT68166F-YS18SV	5962-0622904VYC	68332-16 (GEN)	5962-9150101QZA	6856 (GEN)	5962H9215307VZC
AT68166H-YS18MQ	5962-0622906QYC	TS68332MAB/C16A	5962-9150101MXA	6856 (GEN)	5962H9215308Q9C
AT68166H-YS18SR	5962R0622906VYC	TS68332MR1B/C16A	5962-9150101MZA	6856 (GEN)	5962H9215308QM
AT68166H-YS18SV	5962-0622906VYC	TS68332MRB/C16A	5962-9150101MZC	6856 (GEN)	5962H9215308QUC
AT68166FT-YS20MQ	5962-0622903QYC	TS68332MAB/C20A	5962-9150102MXA	6856 (GEN)	5962H9215308QZC
AT68166FT-YS20SR	5962R0622903VYC	TS68332MR1B/C20A	5962-9150102MZA	6856 (GEN)	5962H9215308V9C
AT68166FT-YS20SV	5962-0622903VYC	TS68332MRB/C20A	5962-9150102MZC	6856 (GEN)	5962H9215308VMC
AT68166F-YM20MQ	5962-0622902QXC	TS68EN360MAB/Q25L	5962-9760701MYA	6856 (GEN)	5962H9215308VUC
AT68166F-YM20MV	5962-0622902VXC	TS68EN360MAB/Q33L	5962-9760702MYA	6856 (GEN)	5962H9215308VZC
AT68166F-YM20SR	5962R0622902VXC	TS68EN360MR1BQ25L	5962-9760701MXA	6856 (GEN)	5962H9215319QZC
AT68166HT-YS20MQ	5962-0622905QYC	TS68EN360MR1BQ33L	5962-9760702MXA	6856 (GEN)	5962H9215319VZC
AT68166HT-YS20SR	5962R0622905VYC	TS68EN360MRBQ25L	5962-9760701MXC	6856 (GEN)	5962R9215305QUC
AT68166HT-YS20SV	5962-0622905VYC	TS68EN360MRBQ33L	5962-9760702MXC	6856 (GEN)	5962R9215305QZC
AT68166H-YM20MQ	5962-0622908QXC	AD684SQ/883B	5962-9201301MEA	6856 (GEN)	5962R9215305VUC
AT68166H-YM20SR	5962R0622908VXC	684002-20 (GEN)	5962-9560004M8A	6856 (GEN)	5962R9215305VZC
AT68166H-YM20SV	5962-0622908VXC	684002-20 (GEN)	5962-9560008M8A	6856 (GEN)	5962R9215306QUC
AT68166FT-YM25MQ	5962-0622901QXC	684002-25 (GEN)	5962-9560003M8A	6856 (GEN)	5962R9215306QZC
AT68166FT-YM25SR	5962R0622901VXC	684002-25 (GEN)	5962-9560007M8A	6856 (GEN)	5962R9215306VUC
AT68166FT-YM25SV	5962-0622901VXC	684002-35 (GEN)	5962-9560002M8A	6856 (GEN)	5962R9215306VZC
AT68166HT-YM25MQ	5962-0622907QXC	684002-35 (GEN)	5962-9560006M8A	6856 (GEN)	5962R9215307QUC
AT68166HT-YM25SR	5962R0622907VXC	TS68C429AMF1BCA	5962-9551801MYA	6856 (GEN)	5962R9215307QZC
AT68166HT-YM25SV	5962-0622907VXC	TS68C429AMFBCA	5962-9551801MYC	6856 (GEN)	5962R9215307VUC
6817-045 (GEN)	5962-00A0601NXB	TS68C429AMRBCA	5962-9551801MXC	6856 (GEN)	5962R9215307VZC
SL68172/BXA	5962-8770501XA	68442-8 (GEN)	5962-8681101XA	6856 (GEN)	5962R9215308QUC
6817-531 (GEN)	5962-00A1501QXC	68442-8 (GEN)	5962-8681101YA	6856 (GEN)	5962R9215308QZC
6817-532 (GEN)	5962-00A0401QXC	LT685 (GEN)	8600801EA	6856 (GEN)	5962R9215308VUC
6817-533 (GEN)	5962-01A0701QXC	LT685 (GEN)	8600801IA	6856 (GEN)	5962R9215308VZC
6817-534 (GEN)	5962-01A0601QXC	LT685 (GEN)	8600802EA	6856 (GEN)	5962H9215305Q4C
6817-536 (GEN)	5962-01A1001NXB	LT685 (GEN)	8600802IA	6856 (GEN)	5962H9215305V4C
6821-016 (GEN)	5962-00A1201NXB	6856 (GEN)	5962H9215305Q9C	6856 (GEN)	5962H9215307Q4C
6821-526 (GEN)	5962-00A1301QXC	6856 (GEN)	5962H9215305QM	6856 (GEN)	5962H9215307V4C
6821-527 (GEN)	5962-00A1401QXC	6856 (GEN)	5962H9215305QUC	6856 (GEN)	5962R9215305Q4C
68230-10 (GEN)	5962-9317002MXC	6856 (GEN)	5962H9215305QZC	6856 (GEN)	5962R9215305V4C
68230-10 (GEN)	5962-9317002MYA	6856 (GEN)	5962H9215305V9C	6856 (GEN)	5962R9215307Q4C
68230-8 (GEN)	5962-9317001MXC	6856 (GEN)	5962H9215305VMC	6856 (GEN)	5962R9215307V4C
68230-8 (GEN)	5962-9317001MYA	6856 (GEN)	5962H9215305VUC	68562 (GEN)	5962-8681001XA
6825-008 (GEN)	5962-99A0702QYC	6856 (GEN)	5962H9215305VZC	AM686 (GEN)	7801801EA
6825-010 (GEN)	5962-99A0701NXB	6856 (GEN)	5962H9215306Q9C	AM686 (GEN)	7801801IA
6825-013 (GEN)	5962-01A1201NXB	6856 (GEN)	5962H9215306QM	68681 (GEN)	5962-8856603QA
6825-512 (GEN)	5962-99A0902QYC	6856 (GEN)	5962H9215306QUC	68681 (GEN)	5962-8856603UA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
68C681 (GEN)	5962-8953203QA	UT69R00012FCAH	5962H9855201VZA	UT69151DXE/GQA	5962-9466308QXA
68C681 (GEN)	5962-8953203UA	UT69R00012FCC	5962-9855201QZC	UT69151DXE/GQC	5962-9466308QXC
AM687 (GEN)	7801901EA	UT69R00012FCCH	5962H9855201QZC	UT69151DXE/WQA	5962-9466308QYA
AD688SQ/883B	5962-9321401MEA	UT69R00012FCCH	5962H9855201VZC	UT69151DXE/WQAF	5962F9466311QYA
68HC811 (GEN)	5962-8952701XA	UT69R00012GCA	5962-9855201QXA	UT69151DXE/WQAR	5962R9466311QYA
AS68HC811E2Q52/883	5962-8952701YC	UT69R00012GCAH	5962H9855201QXA	UT69151DXE/WQC	5962-9466308QYC
68881-12 (GEN)	5962-8602101XA	UT69R00012GCAH	5962H9855201VXA	UT69151DXE/WQCF	5962F9466311QYC
68881-16 (GEN)	5962-8602102XA	UT69R00012GCC	5962-9855201QXC	UT69151DXE/WQCR	5962R9466311QYC
68881-16 (GEN)	5962-8602102YA	UT69R00012GCCH	5962H9855201QXC	UT69151DXE/WVAF	5962F9466311VYA
68881-20 (GEN)	5962-8602103XA	UT69R00012GCCH	5962H9855201VXC	UT69151DXE/WVAR	5962R9466311VYA
68881-20 (GEN)	5962-8602103YA	UT69R00012WCC	5962-9855201QYC	UT69151DXE/WVCF	5962F9466311VYC
TS68882MF1B/C16	5962-8946301YA	UT69R00012WCCH	5962H9855201QYC	UT69151DXE/WVCR	5962R9466311VYC
TS68882MFB/C16	5962-8946301YC	UT69R00012WCCH	5962H9855201VYC	UT69151E (GEN)	5962H9211802Q9A
TS68882MR1B/C16	5962-8946301XA	UT69R00016FCA	5962-9855202QZA	UT69151E (GEN)	5962H9211802QXA
TS68882MRB/C16	5962-8946301XC	UT69R00016FCAH	5962H9855202QZA	UT69151E (GEN)	5962H9211802QYA
TS68882MF1B/C20	5962-8946302YA	UT69R00016FCAH	5962H9855202VZA	UT69151E (GEN)	5962H9211802QZA
TS68882MFB/C20	5962-8946302YC	UT69R00016FCC	5962-9855202QZC	UT69151E (GEN)	5962H9211802V9A
TS68882MR1B/C20	5962-8946302XA	UT69R00016FCCH	5962H9855202QZC	UT69151E (GEN)	5962H9211802VXA
TS68882MRB/C20	5962-8946302XC	UT69R00016FCCH	5962H9855202VZC	UT69151E (GEN)	5962H9211802VYA
TS68882MF1B/C25	5962-8946303YA	UT69R00016GCA	5962-9855202QXA	UT69151E (GEN)	5962H9211802VZA
TS68882MFB/C25	5962-8946303YC	UT69R00016GCAH	5962H9855202QXA	UT69151EFBA	5962-9211803QZA
TS68882MR1B/C25	5962-8946303XA	UT69R00016GCAH	5962H9855202VXA	UT69151EFBC	5962-9211803QZC
TS68882MRB/C25	5962-8946303XC	UT69R00016GCC	5962-9855202QXC	UT69151EGBA	5962-9211803QXA
TS68882MF1B/C33	5962-8946304YA	UT69R00016GCCH	5962H9855202QXC	UT69151EGBC	5962-9211803QXC
TS68882MFB/C33	5962-8946304YC	UT69R00016GCCH	5962H9855202VXC	UT69151EQ-DIEF	5962F9211804Q9B
TS68882MR1B/C33	5962-8946304XA	UT69R00016WCC	5962-9855202QYC	UT69151EQ-DIER	5962R9211804Q9B
TS68882MRB/C33	5962-8946304XC	UT69R00016WCCH	5962H9855202QYC	UT69151EV-DIEF	5962F9211804V9B
68901-4 (GEN)	5962-8850601XC	UT69R00016WCCH	5962H9855202VYC	UT69151EV-DIER	5962R9211804V9B
68901-4 (GEN)	5962-8850601YA	6901-011 (GEN)	5962-99A0301QXC	UT69151EWBA	5962-9211803QYA
68901-5 (GEN)	5962-8850602XC	6901-011 (GEN)	5962-99A0301QYC	UT69151EWBC	5962-9211803QYC
68901-5 (GEN)	5962-8850602YA	UT69RH051PCA	5962H9563801QQA	UT69151EWCAF	5962F9211804QYA
68C901-4 (GEN)	5962-9086401MUA	UT69RH051PCA	5962H9563801VQA	UT69151EWCAF	5962F9211804VYA
68C901-4 (GEN)	5962-9086401MXA	UT69RH051PCC	5962H9563801QQ	UT69151EWCAR	5962R9211804QYA
68C901-4 (GEN)	5962-9086401MYA	UT69RH051PCC	5962H9563801VQC	UT69151EWCAR	5962R9211804VYA
68C901-4 (GEN)	5962-9086401MZA	UT69RH051-Q DIE	5962H9563801Q9A	UT69151EWCCF	5962F9211804QYC
68C901-5 (GEN)	5962-9086402MUA	UT69RH051-V DIE	5962H9563801V9A	UT69151EWCCF	5962F9211804VYC
68C901-5 (GEN)	5962-9086402MXA	UT69RH051WCA	5962H9563801QYA	UT69151EWCCR	5962R9211804QYC
68C901-5 (GEN)	5962-9086402MYA	UT69RH051WCA	5962H9563801VYA	UT69151EWCCR	5962R9211804VYC
68C901-5 (GEN)	5962-9086402MZA	UT69RH051WCC	5962H9563801QYC	UT69151RTEFCC	5962-9858701QZC
68C901-8 (GEN)	5962-9086403MUA	UT69RH051WCC	5962H9563801VYC	UT69151RTEGCA	5962-9858701QXA
68C901-8 (GEN)	5962-9086403MXA	MAX691MJE/883B	5962-9071101MEA	UT69151RTEGCC	5962-9858701QXC
68C901-8 (GEN)	5962-9086403MYA	MAX691MLP/883B	5962-9071101M2C	UT69151RTEWCC	5962-9858701QYC
68C901-8 (GEN)	5962-9086403MZA	69151DX (GEN)	5962-9466302QXA	69151LX12 (GEN)	5962-9466303QXA
68902A (GEN)	5962-9464201QYC	69151DX (GEN)	5962-9466302QYA	69151LX12 (GEN)	5962-9466303QYA
68902A (GEN)	5962-9464201QZA	69151DXE (GEN)	5962-9466305QXA	69151LX12 (GEN)	5962-9466306QXA
68902A (GEN)	5962-9464201QZC	69151DXE (GEN)	5962-9466305QYA	69151LX12 (GEN)	5962-9466306QYA
MAX690 (GEN)	5962-9071201M2C	69151DXE (GEN)	5962H9466305QXA	69151LXE12 (GEN)	5962-9466309QXA
MAX690 (GEN)	5962-9071201MHA	69151DXE (GEN)	5962H9466305QYA	69151LXE12 (GEN)	5962-9466309QYA
MAX690 (GEN)	5962-9071201MXC	69151DXE (GEN)	5962H9466305VXA	69151XT12 (GEN)	5962-9475803QXC
MAX690MJA/883B	5962-9071201MPA	69151DXE (GEN)	5962H9466305VYA	69151XT12 (GEN)	5962-9475803QYC
UT69R00012FCA	5962-9855201QZA	UT69151 (GEN)	5962-9211801MXA	69151XTE12 (GEN)	5962-9475806QXC
UT69R00012FCAH	5962H9855201QZA	UT69151 (GEN)	5962-9211801MYA	69151XTE12 (GEN)	5962-9475806QYC

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
69151XTE12 (GEN)	5962-9475809QXA	ATF697FF-ZA-MQ	5962-1422901QXC	ISL70002SEHVX	5962R1220201V9A
69151XTE12 (GEN)	5962-9475809QYA	ATF697FF-ZA-SV	5962-1422901VXC	ISL70003ASEHVFE	5962R1420302VYC
69151LX15 (GEN)	5962-9466301QXA	MAX697 (GEN)	5962-9312501M2C	ISL70003ASEHVX	5962R1420302V9A
69151LX15 (GEN)	5962-9466301QYA	MAX697MJE/883B	5962-9312501MEA	ISL70003SEH (GEN)	5962R1420301V9A
69151LXE15 (GEN)	5962-9466304QXA	AT697E (GEN)	5962-0722401QXB	ISL70003SEH (GEN)	5962R1420301VXC
69151LXE15 (GEN)	5962-9466304QYA	AT697E-KG-MQ	5962-0722401QYC	ISL70003SEH (GEN)	5962R1420301VYC
69151LXE15 (GEN)	5962-9466307QXA	AT697E-KG-SV	5962-0722401VYC	ISL70040SEHVL	5962R1723301VXC
69151LXE15 (GEN)	5962-9466307QYA	AT697F (GEN)	5962-0722402QXB	ISL70040SEHVX	5962R1723301V9A
69151LXE15 (GEN)	5962R9466304QXA	AT697F-KG-MQ	5962-0722402QYC	CDCM7005MHFG-V	5962-0723001VXC
69151LXE15 (GEN)	5962R9466304QYA	AT697F-KG-SR	5962R0722402VYC	7006L20 (GEN)	5962-9150812MXA
69151LXE15 (GEN)	5962R9466304VXA	AT697F-KG-SV	5962-0722402VYC	7006S20 (GEN)	5962-9150811MXA
69151LXE15 (GEN)	5962R9466304VYA	UT699 (GEN)	5962F0822801QXC	7006S20 (GEN)	5962-9150811MYA
69151LXE15 (GEN)	5962R9466310QYA	UT699 (GEN)	5962F0822801QYC	IDT7006L20FB	5962-9150812MYA
69151LXE15 (GEN)	5962R9466310VYA	UT699 (GEN)	5962F0822801QZA	7006S25 (GEN)	5962-9150809MYA
69151XT15 (GEN)	5962-9475801QXC	UT699 (GEN)	5962F0822801VXC	IDT7006L25FB	5962-9150810MYA
69151XT15 (GEN)	5962-9475801QYC	UT699 (GEN)	5962F0822801VYC	IDT7006L25GB	5962-9150810MXA
69151XTE15 (GEN)	5962-9475804QXC	UT699 (GEN)	5962F0822801VZA	IDT7006S25GB	5962-9150809MXA
69151XTE15 (GEN)	5962-9475804QYC	UT699 (GEN)	5962F0822802QXC	7006L35 (GEN)	5962-9150808MYA
69151XTE15 (GEN)	5962-9475807QXA	UT699 (GEN)	5962F0822802QYC	7006S35 (GEN)	5962-9150807MYA
69151XTE15 (GEN)	5962-9475807QYA	UT699 (GEN)	5962F0822802QZA	IDT7006L35GB	5962-9150808MXA
69151XT5 (GEN)	5962-9475802QXC	UT699 (GEN)	5962R0822802QXC	IDT7006S35GB	5962-9150807MXA
69151XT5 (GEN)	5962-9475802QYC	UT699 (GEN)	5962R0822802QYC	IDT7006L45FB	5962-9150806MYA
69151XTE5 (GEN)	5962-9475805QXC	UT699 (GEN)	5962R0822802QZA	IDT7006L45GB	5962-9150806MXA
69151XTE5 (GEN)	5962-9475805QYC	UT699E (GEN)	5962R1323702QXC	IDT7006S45FB	5962-9150805MYA
69151XTE5 (GEN)	5962-9475808QXA	UT699E (GEN)	5962R1323702QYF	IDT7006S45GB	5962-9150805MXA
UT69151XTE5/WCA	5962-9475808QYA	UT699E-SEA	5962R1323701QYF	7006S55 (GEN)	5962-9150803MYA
UT69151XTE5/WCC	5962-9475808QYC	UT699E-SEA	5962R1323701VYF	IDT7006L55FB	5962-9150804MYA
UT69151XTE5/ZCA	5962-9475808QZA	UT699E-ZEC	5962R1323701QXC	IDT7006L55GB	5962-9150804MXA
UT69151XTE5/ZCC	5962-9475808QZC	UT699E-ZEC	5962R1323701VXC	IDT7006S55GB	5962-9150803MXA
MAX692 (GEN)	5962-9071202MHA	UT699-SQA	5962R0822801QZA	7006L70 (GEN)	5962-9150802MYA
MAX692 (GEN)	5962-9071202MXC	UT699-SQA	5962R0822801VZA	7006S70 (GEN)	5962-9150801MYA
MAX692MJA/883B	5962-9071202MPA	UT699-XQC	5962R0822801QXC	IDT7006L70GB	5962-9150802MXA
MAX692MLP/883B	5962-9071202M2C	UT699-XVC	5962R0822801VXC	IDT7006S70GB	5962-9150801MXA
MAX693MJE/883B	5962-9071102MEA	UT699-ZQC	5962R0822801QYC	IDT7014S20XLB	5962-9315303MXA
MAX693MLP/883B	5962-9071102M2C	UT699-ZVC	5962R0822801VYC	IDT7014S25XLB	5962-9315302MXA
MAX694 (GEN)	5962-9071203MHA	UT700 (GEN)	5962R1323802QXC	IDT7014S35XLB	5962-9315301MXA
MAX694 (GEN)	5962-9071203MXC	UT700 (GEN)	5962R1323802QYF	ISL70218SEHVF	5962R1222201VXC
MAX694MJA/883B	5962-9071203MPA	UT700-SEA	5962R1323801QYF	ISL70218SEHVX	5962R1222201V9A
MAX694MLP/883B	5962-9071203M2C	UT700-SEA	5962R1323801VYF	ISL70219ASEHVFE	5962F1422602VYC
MAX695MJE/883B	5962-9071103MEA	UT700-ZEC	5962R1323801QXC	ISL70219ASEHVX	5962F1422602V9A
TSC695FL-15MAMQ	5962-0324601QXC	UT700-ZEC	5962R1323801VXC	ISL70227SEHVF	5962R1222301VXC
TSC695FL-15MBMQ	5962-0324601Q9A	ISL70001ASEHVF	5962R0922503VXC	ISL70227SEHVX	5962R1222301V9A
TSC695FL-15SASR	5962R0324601VXC	ISL70001ASEHVFE	5962R0922503VYC	IDT7024L20FB	5962-9166212MYA
TSC695FL-15SASV	5962-0324601VXC	ISL70001ASEHVX	5962R0922503V9A	IDT7024L20GB	5962-9166212MXA
TSC695FL-15SBSV	5962-0324601V9A	ISL70001SEHVF	5962R0922502VXC	IDT7024S20FB	5962-9166211MYA
TSC695F-25MAMQ	5962-0054001QXC	ISL70001SEHVFE	5962R0922502VYC	IDT7024S20GB	5962-9166211MXA
TSC695F-25MBMQ	5962-0054001Q9A	ISL70001SEHVX	5962R0922502V9A	IDT7024L25FB	5962-9166210MYA
TSC695F-25SASR	5962R0054001VXC	ISL70001SRHQF	5962R0922501QXC	IDT7024L25GB	5962-9166210MXA
TSC695F-25SASV	5962-0054001VXC	ISL70001SRHVF	5962R0922501VXC	IDT7024S25FB	5962-9166209MYA
TSC695F-25SBSV	5962-0054001V9A	ISL70001SRHVX	5962R0922501V9A	IDT7024S25GB	5962-9166209MXA
MAX696 (GEN)	5962-9312502MEA	ISL70002SEHVF	5962R1220201VXC	IDT7024L35FB	5962-9166208MYA
MAX696MLP/883B	5962-9312502M2C	ISL70002SEHVFE	5962R1220201VYC	IDT7024L35GB	5962-9166208MXA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
IDT7024S35FB	5962-9166207MYA	IS-705RH (GEN)	5962F0053801V9A	RDHA710SE10A2FK	5962-1324901KXA
IDT7024S35GB	5962-9166207MXA	IS-705RH (GEN)	5962F0053801VXC	QP7C1009B-15DMB	5962-8959841MZA
ISL70244SEHVF	5962F1324801VXC	IS-705RH (GEN)	5962R0053801QXC	QP7C1009B-15FMB	5962-8959841MTA
ISL70244SEHVX	5962F1324801V9A	IS-705RH (GEN)	5962R0053801TXC	QP7C1009B-20DMB	5962-8959838MZA
IDT7024L45FB	5962-9166206MYA	IS-705RH (GEN)	5962R0053801V9A	QP7C1009B-20FMB	5962-8959838MTA
IDT7024L45GB	5962-9166206MXA	IS-705RH (GEN)	5962R0053801VXC	QP7C1009B-20LMB	5962-8959838MMA
IDT7024S45FB	5962-9166205MYA	ISL705AEHVF	5962R1121307VXC	QP7C1009BL-20DMB	5962-8959821MZA
IDT7024S45GB	5962-9166205MXA	ISL705AEHVX	5962R1121307V9A	QP7C1009BL-20FMB	5962-8959821MTA
IDT7024L55FB	5962-9166204MYA	ISL705ARHQF	5962R1121301QXC	QP7C1009BL-20LMB	5962-8959821MMA
IDT7024L55GB	5962-9166204MXA	ISL705ARHVF	5962R1121301VXC	QP7C1009B-25DMB	5962-8959837MZA
IDT7024S55FB	5962-9166203MYA	ISL705ARHVX	5962R1121301V9A	QP7C1009B-25FMB	5962-8959837MTA
IDT7024S55GB	5962-9166203MXA	ISL705BEHVF	5962R1121308VXC	QP7C1009B-25LMB	5962-8959837MMA
IDT7024L70FB	5962-9166202MYA	ISL705BEHVX	5962R1121308V9A	QP7C1009BL-25DMB	5962-8959820MZA
IDT7024L70GB	5962-9166202MXA	ISL705BRHQF	5962R1121302QXC	QP7C1009BL-25FMB	5962-8959820MTA
IDT7024S70FB	5962-9166201MYA	ISL705BRHVF	5962R1121302VXC	QP7C1009BL-25LMB	5962-8959820MMA
IDT7024S70GB	5962-9166201MXA	ISL705BRHVX	5962R1121302V9A	QP7C1009B-35DMB	5962-8959836MZA
MM0-67025EV-30MQ	5962-9161709Q9A	ISL705CEHVF	5962R1121309VXC	QP7C1009B-35FMB	5962-8959836MTA
MMK2-67025EV-30MQ	5962-9161709QZC	ISL705CEHVX	5962R1121309V9A	QP7C1009B-35LMB	5962-8959836MMA
SM0-67025EV-30SV	5962-9161709V9A	ISL705CRHQF	5962R1121303QXC	QP7C1009BL-35DMB	5962-8959819MZA
SMK2-67025EV-30SV	5962-9161709VZC	ISL705CRHVF	5962R1121303VXC	QP7C1009BL-35FMB	5962-8959819MTA
IDT7025L35FB	5962-9161708MYA	ISL705CRHVX	5962R1121303V9A	QP7C1009BL-35LMB	5962-8959819MMA
IDT7025L35GB	5962-9161708MXA	MAX705 (GEN)	5962-9326701M2C	QP7C1009B-45DMB	5962-8959835MZA
IDT7025S35FB	5962-9161707MYA	MAX705MJA/883B	5962-9326701MPA	QP7C1009B-45FMB	5962-8959835MTA
IDT7025S35GB	5962-9161707MXA	ISL70517SEHVF	5962L1524601VXC	QP7C1009B-45LMB	5962-8959835MMA
IDT7025L45FB	5962-9161706MYA	ISL70517SEHVF	5962L1524602VXC	QP7C1009BL-45DMB	5962-8959818MZA
IDT7025L45GB	5962-9161706MXA	ISL70517SEHVX	5962L1524601V9A	QP7C1009BL-45FMB	5962-8959818MTA
IDT7025S45FB	5962-9161705MYA	ISL70517SEHVX	5962L1524602V9A	QP7C1009BL-45LMB	5962-8959818MMA
IDT7025S45GB	5962-9161705MXA	ISL70591SEHVF	5962R1821701VXC	QP7C1009B-55DMB	5962-8959834MZA
MMK2-67025EV-45MQ	5962-9161706QZC	ISL70591SEHVX	5962R1821701V9A	QP7C1009B-55FMB	5962-8959834MTA
SMK2-67025EV-45SV	5962-9161706VZC	ISL70592SEHVF	5962R1821703VXC	QP7C1009B-55LMB	5962-8959834MMA
IDT7025L55FB	5962-9161704MYA	ISL70592SEHVX	5962R1821703V9A	QP7C1009BL-55DMB	5962-8959817MZA
IDT7025L55GB	5962-9161704MXA	ISL706AEHVF	5962R1121310VXC	QP7C1009BL-55FMB	5962-8959817MTA
IDT7025S55FB	5962-9161703MYA	ISL706AEHVX	5962R1121310V9A	QP7C1009BL-55LMB	5962-8959817MMA
IDT7025S55GB	5962-9161703MXA	ISL706ARHQF	5962R1121304QXC	DPA71010DV3302A	5962-0723401QXA
IDT7025L70FB	5962-9161702MYA	ISL706ARHVF	5962R1121304VXC	DPA71010DV3302C	5962-0723401QXC
IDT7025L70GB	5962-9161702MXA	ISL706ARHVX	5962R1121304V9A	DPA71011DV3302A	5962-0723501QXA
IDT7025S70FB	5962-9161701MYA	ISL706BEHVF	5962R1121311VXC	DPA71011DV3302C	5962-0723501QXC
IDT7025S70GB	5962-9161701MXA	ISL706BEHVX	5962R1121311V9A	DPA71041D02A	5962-9679507QZA
DAC703 (GEN)	5962-88563013A	ISL706BRHQF	5962R1121305QXC	DPA71041D02C	5962-9679507QZC
DAC703 (GEN)	5962-8856301JA	ISL706BRHVF	5962R1121305VXC	DPA71041DV3302A	5962-0723601QXA
ISL70321SEHVF	5962R1722501VXC	ISL706BRHVX	5962R1121305V9A	DPA71041DV3302C	5962-0723601QXC
ISL70321SEHVX	5962R1722501V9A	ISL706CEHVF	5962R1121312VXC	DPA71046D02A	5962-0723701QXA
TPS70358M (GEN)	5962-0722501VSA	ISL706CEHVX	5962R1121312V9A	DPA71046D02C	5962-0723701QXC
ISL70417SEHVF	5962F1222801VXC	ISL706CRHQF	5962R1121306QXC	DPA71046DV3302A	5962-0724101QXA
ISL70417SEHVX	5962F1222801V9A	ISL706CRHVF	5962R1121306VXC	DPA71046DV3302C	5962-0724101QXC
ISL70419SEHVF	5962F1422601VXC	ISL706CRHVX	5962R1121306V9A	DPA71049D02A	5962-9560017Q6A
ISL70419SEHVX	5962F1422601V9A	MAX706MJA/883B	5962-9326702MPA	DPA71049D02C	5962-9560017Q6C
ISL70444ASEHVF	5962F1321402VXC	MAX706MLP/883B	5962-9326702M2C	DPA71049DV3302A	5962-0723801QXA
ISL70444ASEHVX	5962F1321402V9A	MAX707 (GEN)	5962-9326703M2C	DPA71049DV3302C	5962-0723801QXC
ISL70444SEHVF	5962F1321401VXC	MAX707MJA/883B	5962-9326703MPA	DPA71051DV3302A	5962-0723901QXA
ISL70444SEHVX	5962F1321401V9A	MAX708MJA/883B	5962-9326704MPA	DPA71051DV3302C	5962-0723901QXC
IS-705RH (GEN)	5962F0053801QXC	MAX708MLP/883B	5962-9326704M2C	DPA71059DV3302A	5962-0724001QXA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
DPA71059DV3302C	5962-0724001QXC	ISL71091SEHVF40	5962R1420803VXC	ISL7124SEHVX	5962F0254202V9A
DPA71061DV3302A	5962-0822001QXA	ISL71091SEHVX40	5962R1420803V9A	ISL7124SRHQF	5962F0254201QXC
DPA71061DV3302C	5962-0822001QXC	L7C109-20 (GEN)	5962-8959821MNA	ISL7124SRHVF	5962F0254201VXC
DPA71069DV3302A	5962-0821901QXA	L7C109-20 (GEN)	5962-8959838MNA	ISL7124SRHVX	5962F0254201V9A
DPA71069DV3302C	5962-0821901QXC	7C109-25 (GEN)	5962-8959837MNA	IDT71256L100DB	5962-8855201XA
L7C108-100 (GEN)	5962-8959802MNA	L7C109-25 (GEN)	5962-8959820MNA	IDT71256L100TDB	5962-8855201UA
L7C108-100 (GEN)	5962-8959802MTA	L7C109-35 (GEN)	5962-8959819MNA	IDT71256S100DB	5962-8866201XA
L7C108-100 (GEN)	5962-8959802MYA	L7C109-35 (GEN)	5962-8959836MNA	IDT71256S100TDB	5962-8866201NA
L7C108-100 (GEN)	5962-8959802MZA	L7C109-45 (GEN)	5962-8959818MNA	IDT71256S20DB	5962-8866207XA
L7C108-100 (GEN)	5962-8959806MNA	L7C109-45 (GEN)	5962-8959835MNA	IDT71256L25DB	5962-8855206XA
L7C108-120 (GEN)	5962-8959801MNA	L7C109-55 (GEN)	5962-8959817MNA	IDT71256L25TDB	5962-8855206UA
L7C108-120 (GEN)	5962-8959801MTA	L7C109-70 (GEN)	5962-8959816MNA	IDT71256S25DB	5962-8866206XA
L7C108-120 (GEN)	5962-8959801MYA	L7C109-85 (GEN)	5962-8959815MNA	IDT71256S25TDB	5962-8866206NA
L7C108-120 (GEN)	5962-8959801MZA	HSSR-711E	5962-9314001EPC	IDT71256S35DB	5962-8866205XA
L7C108-120 (GEN)	5962-8959805MNA	TPS7H1101A-RHA	5962R1320202V9A	IDT71256S35TDB	5962-8866205NA
7C108-15	5962-8959848MZA	TPS7H1101A-RHA	5962R1320202VXC	IDT71256L45DB	5962-8855204XA
7C108-15 (GEN)	5962-8959848M7A	TPS7H1101-RHA	5962R1320201VXC	IDT71256L45TDB	5962-8855204UA
L7C108-20 (GEN)	5962-8959839MNA	TPS7H1101-SP	5962-1320201VXC	IDT71256S45DB	5962-8866204XA
L7C108-20 (GEN)	5962-8959840MNA	HSSR-7111	5962-9314001HPC	IDT71256S45TDB	5962-8866204NA
L7C108-25 (GEN)	5962-8959812MNA	HSSR-7111#100	5962-9314001HYA	IDT71256L55DB	5962-8855203XA
L7C108-25 (GEN)	5962-8959829MNA	HSSR-7111#100	5962-9314001HYC	IDT71256L55TDB	5962-8855203UA
L7C108-35 (GEN)	5962-8959811MNA	HSSR-7111#200	5962-9314001HPA	IDT71256S55DB	5962-8866203XA
L7C108-35 (GEN)	5962-8959828MNA	HSSR-7111#300	5962-9314001HXA	IDT71256S55TDB	5962-8866203NA
L7C108-45 (GEN)	5962-8959810MNA	HSSR-7111#600	5962-9314001HZA	IDT71256L70DB	5962-8855202XA
L7C108-45 (GEN)	5962-8959827MNA	HSSR-7111#600	5962-9314001HZC	IDT71256L70TDB	5962-8855202UA
L7C108-55 (GEN)	5962-8959809MNA	HSSR-7112	5962-9314002HPC	IDT71256S70DB	5962-8866202XA
L7C108-70 (GEN)	5962-8959804MNA	HSSR-7112E	5962-9314002EPC	IDT71256S70TDB	5962-8866202NA
L7C108-70 (GEN)	5962-8959804MTA	HSSR-711E-200	5962-9314001EPA	P4C1256L-70FSMB	5962-8855207ZA
L7C108-70 (GEN)	5962-8959804MYA	HSSR-7112-100	5962-9314002HYA	7C128A-55 (GEN)	8403611YA
L7C108-70 (GEN)	5962-8959804MZA	HSSR-7112-100	5962-9314002HYC	AD713SQ/883B	5962-9063301MCA
L7C108-70 (GEN)	5962-8959808MNA	HSSR-7112-200	5962-9314002HPA	AD713T (GEN)	5962-9063302MCA
L7C108-85 (GEN)	5962-8959803MNA	HSSR-7112E-200	5962-9314002EPA	MN7130 (GEN)	5962-9057101HXA
L7C108-85 (GEN)	5962-8959803MTA	HSSR-7112-300	5962-9314002HXA	7130-35 (GEN)	5962-8687517UA
L7C108-85 (GEN)	5962-8959803MYA	HSSR-7112E-300	5962-9314002EXA	7130-35 (GEN)	5962-8687517XA
L7C108-85 (GEN)	5962-8959803MZA	HSSR-7112-600	5962-9314002HZA	7130-35 (GEN)	5962-8687517YA
L7C108-85 (GEN)	5962-8959807MNA	HSSR-7112-600	5962-9314002HZC	7130-35 (GEN)	5962-8687521ZA
ISL71090SEHVF12	5962R1321101VXC	HSSR-711E-300	5962-9314001EXA	CY7C130-35DMB	5962-8687519XA
ISL71090SEHVX12	5962R1321101V9A	ISL7119EHVF	5962F0721502V9A	CY7C130-35FMB	5962-8687519UA
ISL71090SEHVF25	5962R1321102VXC	ISL7119EHVF	5962F0721502VXC	CY7C130-35LMB	5962-8687519YA
ISL71090SEHVX25	5962R1321102V9A	ISL7119RHQF	5962F0721501QXC	IDT7130LA35CB	5962-8687521XA
ISL71090SEHVF50	5962R1321103VXC	ISL7119RHVF	5962F0721501VXC	IDT7130LA35FB	5962-8687521UA
ISL71090SEHVX50	5962R1321103V9A	ISL7119RHVX	5962F0721501V9A	IDT7130LA35L48B	5962-8687521YA
ISL71090SEHVF75	5962R1321104VXC	7C123 (GEN)	5962-9069603MKA	7130-45 (GEN)	5962-8687508ZA
ISL71090SEHVX75	5962R1321104V9A	7C123 (GEN)	5962-9069603MXA	CY7C130-45DMB	5962-8687504XA
L7C109-100 (GEN)	5962-8959814MNA	7C123-10 (GEN)	5962-9069603MLA	CY7C130-45FMB	5962-8687504UA
ISL71091SEHVF10	5962R1420804VXC	7C123 (GEN)	5962-9069602MKA	CY7C130-45LMB	5962-8687504YA
ISL71091SEHVX10	5962R1420804V9A	7C123 (GEN)	5962-9069602MXA	IDT7130LA45CB	5962-8687508XA
ISL71091SEHVF20	5962R1420801VXC	7C123-12 (GEN)	5962-9069602MLA	IDT7130LA45FB	5962-8687508UA
ISL71091SEHVX20	5962R1420801V9A	7C123 (GEN)	5962-9069601MKA	IDT7130LA45L48B	5962-8687508YA
L7C109-120 (GEN)	5962-8959813MNA	7C123 (GEN)	5962-9069601MXA	IDT7130SA45CB	5962-8687504XA
ISL71091SEHVF33	5962R1420802VXC	7C123-15 (GEN)	5962-9069601MLA	IDT7130SA45FB	5962-8687504UA
ISL71091SEHVX33	5962R1420802V9A	ISL7124SEHVF	5962F0254202VXC	IDT7130SA45L48B	5962-8687504YA



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## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
7130-55 (GEN)	5962-8687507ZA	7132LA-45 (GEN)	5962-8700205YA	IDT7133SA55FB	5962-8861011UA
CY7C130-55DMB	5962-8687503XA	7132SA-45 (GEN)	5962-8700201XA	IDT7133SA55GB	5962-8861011ZA
CY7C130-55FMB	5962-8687503UA	7132SA-45 (GEN)	5962-8700201YA	IDT7133LA70FB	5962-8866509UA
CY7C130-55LMB	5962-8687503YA	CY7C132-45DMB	5962-9062002MYA	IDT7133LA70GB	5962-8866509ZA
IDT7130LA55CB	5962-8687507XA	CY7C132-45FMB	5962-9062002MUA	IDT7133SA70FB	5962-8861009UA
IDT7130LA55FB	5962-8687507UA	CY7C132-45LMB	5962-9062002MZA	IDT7133SA70GB	5962-8861009ZA
IDT7130LA55L48B	5962-8687507YA	IDT7132LA45CB	5962-8700205ZA	IDT7133LA90FB	5962-8866507UA
IDT7130SA55CB	5962-8687503XA	IDT7132LA45FB	5962-8700205TA	IDT7133LA90GB	5962-8866507ZA
IDT7130SA55FB	5962-8687503UA	IDT7132LA45L48B	5962-8700205UA	IDT7133SA90GB	5962-8861007ZA
IDT7130SA55L48B	5962-8687503YA	IDT7132SA45CB	5962-8700201ZA	QP7133SA90FB	5962-8861001UA
7130-70 (GEN)	5962-8687506ZA	IDT7132SA45FB	5962-8700201TA	IDT7134LA35CB	5962-8976408MXA
CY7C130-70DMB	5962-8687502XA	IDT7132SA45L48B	5962-8700201UA	IDT7134LA35L48B	5962-8976408MYA
CY7C130-70FMB	5962-8687502UA	7132LA-55 (GEN)	5962-8700208XA	IDT7134SA35CB	5962-8976407MXA
CY7C130-70LMB	5962-8687502YA	7132LA-55 (GEN)	5962-8700208YA	IDT7134SA35L48B	5962-8976407MYA
CY7C131-70LMB	5962-8687502ZA	7132SA-55 (GEN)	5962-8700204XA	IDT7134LA45CB	5962-8976406MXA
IDT7130LA70CB	5962-8687506XA	7132SA-55 (GEN)	5962-8700204YA	IDT7134LA45L48B	5962-8976406MYA
IDT7130LA70FB	5962-8687506UA	CY7C132-55DMB	5962-9062001MYA	IDT7134SA45CB	5962-8976405MXA
IDT7130LA70L48B	5962-8687506YA	CY7C132-55FMB	5962-9062001MUA	IDT7134SA45L48B	5962-8976405MYA
IDT7130SA70CB	5962-8687502XA	CY7C132-55LMB	5962-9062001MZA	IDT7134LA55CB	5962-8976404MXA
IDT7130SA70FB	5962-8687502UA	IDT7132LA55CB	5962-8700208ZA	IDT7134LA55L48B	5962-8976404MYA
IDT7130SA70L48B	5962-8687502YA	IDT7132LA55FB	5962-8700208TA	IDT7134SA55CB	5962-8976403MXA
7130-90 (GEN)	5962-8687505ZA	IDT7132LA55L48B	5962-8700208UA	IDT7134SA55L48B	5962-8976403MYA
CY7C130-90DMB	5962-8687501XA	IDT7132SA55CB	5962-8700204ZA	7134LA-45 (GEN)	5962-8976406MZA
CY7C130-90FMB	5962-8687501UA	IDT7132SA55FB	5962-8700204TA	7134LA-55 (GEN)	5962-8976404MZA
CY7C130-90LMB	5962-8687501YA	IDT7132SA55L48B	5962-8700204UA	7134LA-70 (GEN)	5962-8976402MZA
CY7C131-90LMB	5962-8687501ZA	7132LA-70 (GEN)	5962-8700207XA	7134SA-35FB	5962-8976407MZA
IDT7130LA90CB	5962-8687505XA	7132LA-70 (GEN)	5962-8700207YA	7134SA-45 (GEN)	5962-8976405MZA
IDT7130LA90FB	5962-8687505UA	7132SA-70 (GEN)	5962-8700203XA	7134SA-55 (GEN)	5962-8976403MZA
IDT7130LA90L48B	5962-8687505YA	7132SA-70 (GEN)	5962-8700203YA	7134SA-70 (GEN)	5962-8976401MZA
IDT7130SA90CB	5962-8687501XA	IDT7132LA70CB	5962-8700207ZA	IDT7134LA35FB	5962-8976408MZA
IDT7130SA90FB	5962-8687501UA	IDT7132LA70FB	5962-8700207TA	IDT7134LA70CB	5962-8976402MXA
IDT7130SA90L48B	5962-8687501YA	IDT7132LA70L48B	5962-8700207UA	IDT7134LA70L48B	5962-8976402MYA
7131-35 (GEN)	5962-8687517ZA	IDT7132SA70CB	5962-8700203ZA	IDT7134SA70CB	5962-8976401MXA
CY7C131-35LMB	5962-8687519ZA	IDT7132SA70FB	5962-8700203TA	IDT7134SA70L48B	5962-8976401MYA
CY7C131-45LMB	5962-8687504ZA	IDT7132SA70L48B	5962-8700203UA	CY7C136-35LMB	5962-9062009MXA
CY7C131-55LMB	5962-8687503ZA	7132LA-90 (GEN)	5962-8700206XA	CY7C136-45LMB	5962-9062008MXA
7132L25 (GEN)	5962-8700220ZA	7132LA-90 (GEN)	5962-8700206YA	CY7C136-55LMB	5962-9062007MXA
7132S25 (GEN)	5962-8700219ZA	7132SA-90 (GEN)	5962-8700202XA	UT7C138C45_QDIE	5962H9684501Q9A
IDT7132LA25FB	5962-8700220TA	7132SA-90 (GEN)	5962-8700202YA	UT7C138C45_VDIE	5962H9684501V9A
IDT7132SA25FB	5962-8700219TA	IDT7132LA90CB	5962-8700206ZA	UT7C138C45GCAH	5962H9684501QXA
IDT7132LA25L48B	5962-8700220UA	IDT7132LA90FB	5962-8700206TA	UT7C138C45GCAH	5962H9684501VXA
IDT7132SA25L48B	5962-8700219UA	IDT7132LA90L48B	5962-8700206UA	UT7C138C45GCCH	5962H9684501QXC
CY7C132-35DMB	5962-9062003MYA	IDT7132SA90CB	5962-8700202ZA	UT7C138C45GCCH	5962H9684501VXC
CY7C132-35FMB	5962-9062003MUA	IDT7132SA90FB	5962-8700202TA	UT7C138C45WCAH	5962H9684501QYA
CY7C132-35LMB	5962-9062003MZA	IDT7132SA90L48B	5962-8700202UA	UT7C138C45WCAH	5962H9684501VYA
IDT7132LA35CB	5962-8700218ZA	IDT7133LA35FB	5962-8866515UA	UT7C138C45WCCH	5962H9684501QYC
IDT7132LA35FB	5962-8700218TA	IDT7133LA35GB	5962-8866515ZA	UT7C138C45WCCH	5962H9684501VYC
IDT7132SA35CB	5962-8700217ZA	QP7133LA35FB	5962-8866515UA	UT7C138C55GCAH	5962H9684503QXA
IDT7132SA35FB	5962-8700217TA	IDT7133LA45FB	5962-8866513UA	UT7C138C55GCAH	5962H9684503VXA
IDT7132LA35L48B	5962-8700218UA	IDT7133LA45GB	5962-8866513ZA	UT7C138C55GCCH	5962H9684503QXC
IDT7132SA35L48B	5962-8700217UA	IDT7133LA55FB	5962-8866511UA	UT7C138C55GCCH	5962H9684503VXC
7132LA-45 (GEN)	5962-8700205XA	IDT7133LA55GB	5962-8866511ZA	UT7C138C55WCAH	5962H9684503QYA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
UT7C138C55WCAH	5962H9684503VYA	IDT7140SA70FB	5962-8687510UA	IDT7142SA55CB	5962-8700212ZA
UT7C138C55WCCH	5962H9684503QYC	IDT7140SA70L48B	5962-8687510YA	IDT7142SA55FB	5962-8700212TA
UT7C138C55WCCH	5962H9684503VYC	7140-90 (GEN)	5962-8687509ZA	IDT7142SA55L48B	5962-8700212UA
UT7C139C45_QDIE	5962H9684502Q9A	7140-90 (GEN)	5962-8687513ZA	7142LA-70 (GEN)	5962-8700215XA
UT7C139C45_VDIE	5962H9684502V9A	IDT7140LA90CB	5962-8687513XA	7142LA-70 (GEN)	5962-8700215YA
UT7C139C45GCAH	5962H9684502QXA	IDT7140LA90FB	5962-8687513UA	7142SA-70 (GEN)	5962-8700211XA
UT7C139C45GCAH	5962H9684502VXA	IDT7140LA90L48B	5962-8687513YA	7142SA-70 (GEN)	5962-8700211YA
UT7C139C45GCCH	5962H9684502QXC	IDT7140SA90CB	5962-8687509XA	IDT7142LA70CB	5962-8700215ZA
UT7C139C45GCCH	5962H9684502VXC	IDT7140SA90FB	5962-8687509UA	IDT7142LA70FB	5962-8700215TA
UT7C139C45WCAH	5962H9684502QYA	IDT7140SA90L48B	5962-8687509YA	IDT7142LA70L48B	5962-8700215UA
UT7C139C45WCAH	5962H9684502VYA	7141-35 (GEN)	5962-8687518ZA	IDT7142SA70CB	5962-8700211ZA
UT7C139C45WCCH	5962H9684502QYC	7141-35 (GEN)	5962-8687520ZA	IDT7142SA70FB	5962-8700211TA
UT7C139C45WCCH	5962H9684502VYC	7C141-45 (GEN)	5962-8687512ZA	IDT7142SA70L48B	5962-8700211UA
UT7C139C55GCAH	5962H9684504QXA	7C141-55 (GEN)	5962-8687511ZA	7142LA-90 (GEN)	5962-8700214XA
UT7C139C55GCAH	5962H9684504VXA	7142L25 (GEN)	5962-8700224ZA	7142LA-90 (GEN)	5962-8700214YA
UT7C139C55GCCH	5962H9684504QXC	7142S25 (GEN)	5962-8700223ZA	7142SA-90 (GEN)	5962-8700210XA
UT7C139C55GCCH	5962H9684504VXC	IDT7142LA25FB	5962-8700224TA	7142SA-90 (GEN)	5962-8700210YA
UT7C139C55WCAH	5962H9684504QYA	IDT7142SA25FB	5962-8700223TA	IDT7142LA90CB	5962-8700214ZA
UT7C139C55WCAH	5962H9684504VYA	IDT7142LA25L48B	5962-8700224UA	IDT7142LA90FB	5962-8700214TA
UT7C139C55WCCH	5962H9684504QYC	IDT7142SA25L48B	5962-8700223UA	IDT7142LA90L48B	5962-8700214UA
UT7C139C55WCCH	5962H9684504VYC	7C142 (GEN)	5962-9062006MUA	IDT7142SA90CB	5962-8700210ZA
MN7140 (GEN)	5962-9079701HXA	7C142 (GEN)	5962-9062006MZA	IDT7142SA90FB	5962-8700210TA
7140-35 (GEN)	5962-8687518UA	7C142-35 (GEN)	5962-9062006MYA	IDT7142SA90L48B	5962-8700210UA
7140-35 (GEN)	5962-8687518XA	IDT7142LA35CB	5962-8700222ZA	IDT7143LA35FB	5962-8866516UA
7140-35 (GEN)	5962-8687518YA	IDT7142LA35FB	5962-8700222TA	IDT7143LA35GB	5962-8866516ZA
7140-35 (GEN)	5962-8687520UA	IDT7142SA35CB	5962-8700221ZA	IDT7143LA45FB	5962-8866514UA
7140-35 (GEN)	5962-8687520YA	IDT7142SA35FB	5962-8700221TA	IDT7143LA45GB	5962-8866514ZA
7140-35 (GEN)	5962-8687522ZA	IDT7142LA35L48B	5962-8700222UA	IDT7143LA55FB	5962-8866512UA
7C140-35 (GEN)	5962-8687520XA	IDT7142SA35L48B	5962-8700221UA	IDT7143LA55GB	5962-8866512ZA
IDT7140LA35CB	5962-8687522XA	7142LA-45 (GEN)	5962-8700213XA	IDT7143SA55GB	5962-8861012ZA
IDT7140LA35FB	5962-8687522UA	7142LA-45 (GEN)	5962-8700213YA	IDT7143LA70FB	5962-8866510UA
IDT7140LA35L48B	5962-8687522YA	7142SA-45 (GEN)	5962-8700209XA	IDT7143LA70GB	5962-8866510ZA
7140-45 (GEN)	5962-8687516ZA	7142SA-45 (GEN)	5962-8700209YA	IDT7143SA70GB	5962-8861010ZA
IDT7140LA45CB	5962-8687516XA	7C142 (GEN)	5962-9062005MUA	IDT7143LA90FB	5962-8866508UA
IDT7140LA45FB	5962-8687516UA	7C142 (GEN)	5962-9062005MZA	IDT7143LA90GB	5962-8866508ZA
IDT7140LA45L48B	5962-8687516YA	7C142-45 (GEN)	5962-9062005MYA	IDT7143SA90GB	5962-8861008ZA
IDT7140SA45CB	5962-8687512XA	IDT7142LA45CB	5962-8700213ZA	7C146-35 (GEN)	5962-9062012MXA
IDT7140SA45FB	5962-8687512UA	IDT7142LA45FB	5962-8700213TA	7C146-45 (GEN)	5962-9062011MXA
IDT7140SA45L48B	5962-8687512YA	IDT7142LA45L48B	5962-8700213UA	7C146-55 (GEN)	5962-9062010MXA
7140-55 (GEN)	5962-8687515ZA	IDT7142SA45CB	5962-8700209ZA	GEM44302QVA	5962-8858702VA
IDT7140LA55CB	5962-8687515XA	IDT7142SA45FB	5962-8700209TA	GEM44302QVC	5962-8858702VC
IDT7140LA55FB	5962-8687515UA	IDT7142SA45L48B	5962-8700209UA	CY7C148-25DMB	5962-8751307VA
IDT7140LA55L48B	5962-8687515YA	7142LA-55 (GEN)	5962-8700216XA	CY7C148-35DMB	5962-8751308VA
IDT7140SA55CB	5962-8687511XA	7142LA-55 (GEN)	5962-8700216YA	CY7C148-45DMB	5962-8751309VA
IDT7140SA55FB	5962-8687511UA	7142SA-55 (GEN)	5962-8700212XA	7156-40 (GEN)	5962H9215303QM
IDT7140SA55L48B	5962-8687511YA	7142SA-55 (GEN)	5962-8700212YA	7156-40 (GEN)	5962H9215303QTA
7140-70 (GEN)	5962-8687510ZA	7C142 (GEN)	5962-9062004MUA	7156-40 (GEN)	5962H9215303VMA
7140-70 (GEN)	5962-8687514ZA	7C142 (GEN)	5962-9062004MZA	7156-40 (GEN)	5962H9215303VTA
IDT7140LA70CB	5962-8687514XA	7C142-55 (GEN)	5962-9062004MYA	7156-55 (GEN)	5962H9215309QM
IDT7140LA70FB	5962-8687514UA	IDT7142LA55CB	5962-8700216ZA	7156-55 (GEN)	5962H9215310QM
IDT7140LA70L48B	5962-8687514YA	IDT7142LA55FB	5962-8700216TA	7156-55 (GEN)	5962H9215311QTA
IDT7140SA70CB	5962-8687510XA	IDT7142LA55L48B	5962-8700216UA	7156-55 (GEN)	5962H9215312QTA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
7156-55 (GEN)	5962R9215309QM	IDT7164S25DB	5962-3829415MXA	LM7171AMJ-QML	5962-9553601QPA
7156-55 (GEN)	5962R9215310QM	IDT7164S25TDB	5962-3829415MZA	LM7171AMWFLQMLV	5962F9553602VHA
7156-55 (GEN)	5962R9215311QTA	7164L35 (GEN)	5962-8552508YA	LM7171AMWFQMLV	5962F9553601VHA
7156-55 (GEN)	5962R9215312QTA	7164L35 (GEN)	5962-8552508ZA	LM7171AMWGFQMLV	5962F9553602VXA
7156-70 (GEN)	5962R9215315QM	7164S35 (GEN)	5962-8552507YA	LM7171AMWGFQMLV	5962F9553601VXA
7156-70 (GEN)	5962R9215316QM	IDT7164L35DB	5962-3829412MXA	LM7171AMWG-QML	5962-9553601QXA
7156-70 (GEN)	5962R9215317QTA	IDT7164L35TDB	5962-3829412MZA	71B74S20 (GEN)	5962-9234401MXA
7156-70 (GEN)	5962R9215318QTA	IDT7164S35DB	5962-3829413MXA	ISL71823ASRHQD	5962F0251102QEC
ISL71590SEHVF	5962F1321501VXC	IDT7164S35TDB	5962-3829413MZA	ISL71823ASRHQF	5962F0251102QXC
ISL71590SEHVX	5962F1321501V9A	7164L45 (GEN)	5962-8552509YA	ISL71823ASRHVD	5962F0251102VEC
7B162-10 (GEN)	5962-9217203MXA	7164L45 (GEN)	5962-8552509ZA	ISL71823ASRHVF	5962F0251102VXC
7B162-10 (GEN)	5962-9217203MYA	IDT7164L45DB	5962-3829410MXA	ISL71823ASRHVX	5962F0251102V9A
7B162-12 (GEN)	5962-9217202MXA	IDT7164L45TDB	5962-3829410MZA	ISL71823BSRHQD	5962F0251104QEC
7B162-12 (GEN)	5962-9217202MYA	IDT7164S45DB	5962-3829411MXA	ISL71823BSRHQF	5962F0251104QXC
7B162-15 (GEN)	5962-9217201MXA	IDT7164S45TDB	5962-3829411MZA	ISL71823BSRHVD	5962F0251104VEC
7B162-15 (GEN)	5962-9217201MYA	7164L55 (GEN)	5962-8552510YA	ISL71823BSRHVF	5962F0251104VXC
CY7C162A-20DMB	5962-8971204XA	7164L55 (GEN)	5962-8552510ZA	ISL71823BSRHVX	5962F0251104V9A
CY7C162A-20KMB	5962-8971204YA	IDT7164L55DB	5962-3829408MXA	ISL71830SEHVF	5962L1524701VXC
CY7C162A-20LMB	5962-8971204UA	IDT7164L55TDB	5962-3829408MZA	ISL71830SEHVX	5962L1524701V9A
CY7C162A-20LMB	5962-8971204ZA	IDT7164S55DB	5962-3829409MXA	ISL71831SEHVF	5962L1524801VXC
CY7C162A-25DMB	5962-8971203XA	IDT7164S55TDB	5962-3829409MZA	ISL71831SEHVX	5962L1524801V9A
CY7C162A-25KMB	5962-8971203YA	7164L70 (GEN)	5962-3829406MTA	ISL71840SEHVF	5962R1521901VXC
CY7C162A-25LMB	5962-8971203UA	7164L70 (GEN)	5962-8552511YA	ISL71840SEHVX	5962R1521901V9A
CY7C162A-25LMB	5962-8971203ZA	IDT7164L70DB	5962-3829406MXA	ISL71841SEHVF	5962R1522001VXC
CY7C162A-35DMB	5962-8971202XA	IDT7164L70TDB	5962-3829406MZA	ISL71841SEHVL	5962R1522001V9A
CY7C162A-35KMB	5962-8971202YA	IDT7164S70DB	5962-3829407MXA	ISL71841SEHVX	5962R1522001V9A
CY7C162A-35LMB	5962-8971202UA	IDT7164S70TDB	5962-3829407MZA	7B185-10 (GEN)	5962-9159403MTA
CY7C162A-35LMB	5962-8971202ZA	7164L85 (GEN)	5962-8552512YA	7B185-10 (GEN)	5962-9159403MYA
CY7C162A-45DMB	5962-8971201XA	IDT7164L85DB	5962-8552512XA	7B185-10 (GEN)	5962-9159403MZA
CY7C162A-45KMB	5962-8971201YA	7B166 (GEN)	5962-9159306MKA	7B185-12 (GEN)	5962-9159402MTA
CY7C162A-45LMB	5962-8971201UA	7B166 (GEN)	5962-9159306MLA	7B185-12 (GEN)	5962-9159402MYA
CY7C162A-45LMB	5962-8971201ZA	7B166 (GEN)	5962-9159306MXA	7B185-12 (GEN)	5962-9159402MZA
7B164 (GEN)	5962-9159303MKA	7B166 (GEN)	5962-9159305MKA	7B185-15 (GEN)	5962-8969106UA
7B164 (GEN)	5962-9159303MYA	7B166 (GEN)	5962-9159305MLA	7B185-15 (GEN)	5962-9159401MTA
7B164 (GEN)	5962-9159303MZA	7B166 (GEN)	5962-9159305MXA	7B185-15 (GEN)	5962-9159401MYA
7164100 (GEN)	5962-3829404MTA	7B166 (GEN)	5962-9159304MKA	7B185-15 (GEN)	5962-9159401MZA
7164100 (GEN)	5962-3829405MTA	7B166 (GEN)	5962-9159304MLA	7C185-20 (GEN)	5962-3829430MTA
7B164 (GEN)	5962-9159302MKA	7B166 (GEN)	5962-9159304MXA	7C185-25 (GEN)	5962-3829429MTA
7B164 (GEN)	5962-9159302MYA	CY7C167A-35DMB	8413205RA	7C185-35 (GEN)	5962-3829426MTA
7B164 (GEN)	5962-9159302MZA	CY7C167A-35KMB	8413205SA	7C185-35 (GEN)	5962-3829427MTA
7164120 (GEN)	5962-3829402MTA	CY7C167A-35LMB	8413205YA	7C185-35 (GEN)	5962-8552507TA
7164120 (GEN)	5962-3829403MTA	CY7C167A-45DMB	8413202RA	7C185-35 (GEN)	5962-8552507UA
7B164 (GEN)	5962-9159301MKA	CY7C167A-45KMB	8413202SA	7C185-35 (GEN)	5962-8552507ZA
7B164 (GEN)	5962-9159301MYA	CY7C167A-45LMB	8413202YA	7C185L-35 (GEN)	5962-8552508TA
7B164 (GEN)	5962-9159301MZA	ICM7170 (GEN)	5962-8765301JA	7C185L-35 (GEN)	5962-8552508UA
7164150 (GEN)	5962-3829401MTA	LM7171A (GEN)	5962-9553601QHA	7C185-45 (GEN)	5962-3829424MTA
IDT7164L20DB	5962-3829416MXA	LM7171A (GEN)	5962-9553601VHA	7C185-45 (GEN)	5962-3829425MTA
IDT7164L20TDB	5962-3829416MZA	LM7171A (GEN)	5962-9553601VPA	7C185-45 (GEN)	5962-8552506UA
IDT7164S20DB	5962-3829417MXA	LM7171A (GEN)	5962-9553601VXA	7C185-45 (GEN)	5962-8552506ZA
IDT7164S20TDB	5962-3829417MZA	LM7171A (GEN)	5962F9553601QPA	7C185L-45 (GEN)	5962-8552509TA
IDT7164L25DB	5962-3829414MXA	LM7171A (GEN)	5962F9553601QXA	7C185L-45 (GEN)	5962-8552509UA
IDT7164L25TDB	5962-3829414MZA	LM7171AMJFQMLV	5962F9553601VPA	7C185-55 (GEN)	5962-3829422MTA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
7C185-55 (GEN)	5962-3829423MTA	7C196-35 (GEN)	5962-9322502MZA	QP7C198L-55DMB	5962-8855208XA
7C185-55 (GEN)	5962-8552505TA	7C196-45 (GEN)	5962-9322501MZA	QP7C198L-55LMB	5962-8855203YA
7C185-55 (GEN)	5962-8552505UA	CY7C197-25DMB	5962-8872505LA	QP7C198L-55LMB	5962-8855208YA
7C185-55 (GEN)	5962-8552505ZA	CY7C197-25FMB	5962-8872505YA	QP7C198-70DMB	5962-8866202XA
7C185L-55 (GEN)	5962-8552510TA	CY7C197-25LMB	5962-8872505XA	QP7C198-70LMB	5962-8866202YA
7C185L-55 (GEN)	5962-8552510UA	CY7C197-35DMB	5962-8872501LA	QP7C198L-70DMB	5962-8855202XA
7C185-70 (GEN)	5962-3829420MTA	CY7C197-35FMB	5962-8872501YA	QP7C198L-70DMB	5962-8855207XA
7C185-70 (GEN)	5962-3829421MTA	CY7C197-35LMB	5962-8872501XA	QP7C198L-70LMB	5962-8855202YA
7C190-25 (GEN)	5962-8969401EA	CY7C197-45DMB	5962-8872502LA	QP7C198L-70LMB	5962-8855207YA
7C190-25 (GEN)	5962-8969401FA	CY7C197-45FMB	5962-8872502YA	QP7C199-100DMB	5962-8866201NA
7C190-25 (GEN)	5962-8969401XA	CY7C197-45LMB	5962-8872502XA	QP7C199-100FMB	5962-8866201TA
7C191-25 (GEN)	5962-9066403MYA	CY7C197-55DMB	5962-8872503LA	QP7C199-100KMB	5962-8866201MA
7C191-35 (GEN)	5962-9066402MYA	CY7C197-55FMB	5962-8872503YA	QP7C199-100LMB	5962-8866201UA
7C191-45 (GEN)	5962-9066401MYA	CY7C197-55LMB	5962-8872503XA	QP7C199L-100DMB	5962-8855201UA
7192 (GEN)	5962-9316801MXC	CY7C197-70DMB	5962-8872504LA	QP7C199L-100KMB	5962-8855201NA
7192 (GEN)	5962-9316802MXC	CY7C197-70FMB	5962-8872504YA	QP7C199-12DMB	5962-8866209NA
7C192-25 (GEN)	5962-8993503ZA	CY7C197-70LMB	5962-8872504XA	QP7C199-12FMB	5962-8866209TA
P4C1282-25LMB	5962-8993503YA	QP7C198-100DMB	5962-8866201XA	QP7C199-12KMB	5962-8866209MA
7C192-35 (GEN)	5962-8993502ZA	QP7C198-100LMB	5962-8866201YA	QP7C199-12LMB	5962-8866209UA
7C192-45 (GEN)	5962-8993501ZA	QP7C198L-100DMB	5962-8855201XA	QP7C199L-12DMB	5962-8855213UA
CY7C194-20DMB	5962-8868106LA	QP7C198L-100LMB	5962-8855201YA	QP7C199L-12FMB	5962-8855213TA
CY7C194-20KMB	5962-8868106YA	QP7C198-12DMB	5962-8866209XA	QP7C199L-12KMB	5962-8855213NA
CY7C194-20LMB	5962-8868106XA	QP7C198-12LMB	5962-8866209YA	QP7C199L-12LMB	5962-8855213MA
CY7C194-25DMB	5962-8868105LA	QP7C198L-12DMB	5962-8855213XA	QP7C199-15DMB	5962-8866208NA
CY7C194-25KMB	5962-8868105YA	QP7C198L-12LMB	5962-8855213YA	QP7C199-15FMB	5962-8866208TA
CY7C194-25LMB	5962-8868105XA	QP7C198-15DMB	5962-8866208XA	QP7C199-15KMB	5962-8866208MA
CY7C194-35DMB	5962-8868101LA	QP7C198-15LMB	5962-8866208YA	QP7C199-15LMB	5962-8866208UA
CY7C194-35KMB	5962-8868101YA	QP7C198L-15DMB	5962-8855212XA	QP7C199L-15DMB	5962-8855212UA
CY7C194-35LMB	5962-8868101XA	QP7C198L-15LMB	5962-8855212YA	QP7C199L-15FMB	5962-8855212TA
CY7C194L-35DMB	5962-8854501LA	QP7C198L-17DMB	5962-8855211XA	QP7C199L-15KMB	5962-8855212NA
CY7C194L-35KMB	5962-8854501YA	QP7C198L-17LMB	5962-8855211YA	QP7C199L-15LMB	5962-8855212MA
CY7C194L-35LMB	5962-8854501XA	QP7C198-20DMB	5962-8866207XA	QP7C199L-17DMB	5962-8855211UA
CY7C194-45DMB	5962-8868102LA	QP7C198-20LMB	5962-8866207YA	QP7C199L-17FMB	5962-8855211TA
CY7C194-45KMB	5962-8868102YA	QP7C198L-20DMB	5962-8855210XA	QP7C199L-17KMB	5962-8855211NA
CY7C194-45LMB	5962-8868102XA	QP7C198L-20LMB	5962-8855210YA	QP7C199L-17LMB	5962-8855211MA
CY7C194L-45DMB	5962-8854502LA	QP7C198-25DMB	5962-8866206XA	QP7C199-20DMB	5962-8866207NA
CY7C194L-45KMB	5962-8854502YA	QP7C198-25LMB	5962-8866206YA	QP7C199-20FMB	5962-8866207TA
CY7C194L-45LMB	5962-8854502XA	QP7C198L-25DMB	5962-8855206XA	QP7C199-20KMB	5962-8866207MA
CY7C194-55DMB	5962-8868103LA	QP7C198L-25LMB	5962-8855206YA	QP7C199-20LMB	5962-8866207UA
CY7C194-55KMB	5962-8868103YA	QP7C198-35DMB	5962-8866205XA	QP7C199L-20DMB	5962-8855210UA
CY7C194-55LMB	5962-8868103XA	QP7C198-35LMB	5962-8866205YA	QP7C199L-20FMB	5962-8855210TA
CY7C194L-55DMB	5962-8854503LA	QP7C198L-35DMB	5962-8855205XA	QP7C199L-20KMB	5962-8855210NA
CY7C194L-55KMB	5962-8854503YA	QP7C198L-35LMB	5962-8855205YA	QP7C199L-20LMB	5962-8855210MA
CY7C194L-55LMB	5962-8854503XA	QP7C198-45DMB	5962-8866204XA	QP7C199-25DMB	5962-8866206NA
CY7C194-70DMB	5962-8868104LA	QP7C198-45LMB	5962-8866204YA	QP7C199-25FMB	5962-8866206TA
CY7C194-70KMB	5962-8868104YA	QP7C198L-45DMB	5962-8855204XA	QP7C199-25KMB	5962-8866206MA
CY7C194-70LMB	5962-8868104XA	QP7C198L-45DMB	5962-8855209XA	QP7C199-25LMB	5962-8866206UA
CY7C194L-70DMB	5962-8854504LA	QP7C198L-45LMB	5962-8855204YA	QP7C199L-25DMB	5962-8855206UA
CY7C194L-70KMB	5962-8854504YA	QP7C198L-45LMB	5962-8855209YA	QP7C199L-25FMB	5962-8855206TA
CY7C194L-70LMB	5962-8854504XA	QP7C198-55DMB	5962-8866203XA	QP7C199L-25KMB	5962-8855206NA
7C196-20 (GEN)	5962-9322504MZA	QP7C198-55LMB	5962-8866203YA	QP7C199L-25LMB	5962-8855206MA
7C196-25 (GEN)	5962-9322503MZA	QP7C198L-55DMB	5962-8855203XA	QP7C199-35DMB	5962-8866205NA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
QP7C199-35FMB	5962-8866205TA	IDT7201SA50TDB	5962-8986303YA	7202LA80 (GEN)	5962-8953602ZA
QP7C199-35KMB	5962-8866205MA	7201LA80 (GEN)	5962-8753103UA	7203L120 (GEN)	5962-8956701XA
QP7C199-35LMB	5962-8866205UA	7201LA80 (GEN)	5962-8753103YA	7203L120 (GEN)	5962-8956701ZA
QP7C199L-35DMB	5962-8855205UA	IDT7201LA80DB	5962-8753103XA	72031 (GEN)	5962-9161802MXA
QP7C199L-35FMB	5962-8855205TA	IDT7201LA80TDB	5962-8753103TA	72031 (GEN)	5962-9161801MXA
QP7C199L-35KMB	5962-8855205NA	7202LA120 (GEN)	5962-8953601UA	IDT7203S20LB	5962-8866906ZA
QP7C199L-35LMB	5962-8855205MA	7202LA120 (GEN)	5962-8953601XA	IDT7203S20TDB	5962-8866906YA
QP7C199-45DMB	5962-8866204NA	7202LA120 (GEN)	5962-8953601YA	IDT7203S30LB	5962-8866905ZA
QP7C199-45FMB	5962-8866204TA	7202LA120 (GEN)	5962-8953601ZA	IDT7203S30TDB	5962-8866905YA
QP7C199-45KMB	5962-8866204MA	7202LA20 (GEN)	5962-8953606ZA	IDT7203L40DB	5962-8956705XA
QP7C199-45LMB	5962-8866204UA	IDT7202LA20DB	5962-8953606YA	IDT7203L40LB	5962-8956705ZA
QP7C199L-45DMB	5962-8855204UA	IDT7202LA20TDB	5962-8953606XA	7203L50 (GEN)	5962-8956704XA
QP7C199L-45DMB	5962-8855209UA	IDTT7202LA20LB	5962-8953606UA	7203L50 (GEN)	5962-8956704ZA
QP7C199L-45FMB	5962-8855209TA	7202LA30 (GEN)	5962-8953605ZA	7203L65 (GEN)	5962-8956703XA
QP7C199L-45KMB	5962-8855204NA	IDT7202LA30DB	5962-8953605YA	7203L65 (GEN)	5962-8956703ZA
QP7C199L-45KMB	5962-8855209NA	IDT7202LA30LB	5962-8953605UA	7203L80 (GEN)	5962-8956702XA
QP7C199L-45LMB	5962-8855209MA	IDT7202LA30TDB	5962-8953605XA	7203L80 (GEN)	5962-8956702ZA
QP7C199-55DMB	5962-8866203NA	7202LA40 (GEN)	5962-8953604UA	7204L120 (GEN)	5962-8956801XA
QP7C199-55FMB	5962-8866203TA	7202LA40 (GEN)	5962-8953604XA	7204L120 (GEN)	5962-8956801YA
QP7C199-55KMB	5962-8866203MA	7202LA40 (GEN)	5962-8953604YA	7204L120 (GEN)	5962-8956801ZA
QP7C199-55LMB	5962-8866203UA	7202LA40 (GEN)	5962-8953604ZA	7204L20 (GEN)	5962-8956807YA
QP7C199L-55DMB	5962-8855203UA	ISL72026ASEHVF	5962L1522807VXC	IDT7204L20DB	5962-8956807XA
QP7C199L-55DMB	5962-8855208UA	ISL72026ASEHVX	5962L1522807V9A	IDT7204L20LB	5962-8956807ZA
QP7C199L-55FMB	5962-8855208TA	ISL72026BSEHVF	5962R1522804VXC	IDT7204L20TDB	5962-8956807UA
QP7C199L-55KMB	5962-8855203NA	ISL72026BSEHVX	5962R1522804V9A	7204L30 (GEN)	5962-8956806YA
QP7C199L-55KMB	5962-8855208NA	ISL72026CSEHVF	5962R1522810VXC	IDT7204L30DB	5962-8956806XA
QP7C199L-55LMB	5962-8855208MA	ISL72026CSEHVX	5962R1522810V9A	IDT7204L30LB	5962-8956806ZA
QP7C199-70DMB	5962-8866202NA	ISL72026SEHVF	5962L1522801VXC	IDT7204L30TDB	5962-8956806UA
QP7C199-70FMB	5962-8866202TA	ISL72026SEHVX	5962L1522801V9A	7204L40 (GEN)	5962-8956805UA
QP7C199-70KMB	5962-8866202MA	7202LA65 (GEN)	5962-8953603UA	7204L40 (GEN)	5962-8956805XA
QP7C199-70LMB	5962-8866202UA	7202LA65 (GEN)	5962-8953603XA	7204L40 (GEN)	5962-8956805YA
QP7C199L-70DMB	5962-8855202UA	7202LA65 (GEN)	5962-8953603YA	7204L40 (GEN)	5962-8956805ZA
QP7C199L-70DMB	5962-8855207UA	7202LA65 (GEN)	5962-8953603ZA	7204L50 (GEN)	5962-8956804UA
QP7C199L-70FMB	5962-8855207TA	ISL72027ASEHVF	5962L1522808VXC	7204L50 (GEN)	5962-8956804YA
QP7C199L-70KMB	5962-8855202NA	ISL72027ASEHVX	5962L1522808V9A	7204L50 (GEN)	5962-8956804ZA
QP7C199L-70KMB	5962-8855207NA	ISL72027BSEHVF	5962R1522805VXC	IDT7204L50DB	5962-8956804XA
QP7C199L-70LMB	5962-8855207MA	ISL72027BSEHVX	5962R1522805V9A	7204L65 (GEN)	5962-8956803XA
7200L120 (GEN)	5962-8966601XA	ISL72027CSEHVF	5962R1522811VXC	7204L65 (GEN)	5962-8956803YA
IDT7200L30TDB	5962-8966606XA	ISL72027CSEHVX	5962R1522811V9A	7204L65 (GEN)	5962-8956803ZA
7200L40 (GEN)	5962-8966605XA	ISL72027SEHVF	5962L1522802VXC	7204L80 (GEN)	5962-8956802XA
7200L50 (GEN)	5962-8966604XA	ISL72027SEHVX	5962L1522802V9A	7204L80 (GEN)	5962-8956802YA
7200L65 (GEN)	5962-8966603XA	ISL72028ASEHVF	5962L1522809VXC	7204L80 (GEN)	5962-8956802ZA
7200L80 (GEN)	5962-8966602XA	ISL72028ASEHVX	5962L1522809V9A	IDT7205L30DB	5962-9167703MXA
7201LA30 (GEN)	5962-8753101UA	ISL72028BSEHVF	5962R1522806VXC	IDT7205L30LB	5962-9167703MZA
IDT7201LA30DB	5962-8753101XA	ISL72028BSEHVX	5962R1522806V9A	IDT7205L30TDB	5962-9167703MYA
IDT7201LA30LB	5962-8753101YA	ISL72028CSEHVF	5962R1522812VXC	IDT7205L50DB	5962-9167702MXA
IDT7201LA30TDB	5962-8753101TA	ISL72028CSEHVX	5962R1522812V9A	IDT7205L50LB	5962-9167702MZA
IDT7201SA30TDB	5962-8986305YA	ISL72028SEHVF	5962L1522803VXC	IDT7205L50TDB	5962-9167702MYA
7201LA50 (GEN)	5962-8753102UA	ISL72028SEHVX	5962L1522803V9A	672061-15 (GEN)	5962-9317706QUC
7201LA50 (GEN)	5962-8753102YA	7202LA80 (GEN)	5962-8953602UA	672061-15 (GEN)	5962-9317706QZC
IDT7201LA50DB	5962-8753102XA	7202LA80 (GEN)	5962-8953602XA	672061-15 (GEN)	5962-9317706VUC
IDT7201LA50TDB	5962-8753102TA	7202LA80 (GEN)	5962-8953602YA	672061-15 (GEN)	5962-9317706VZC



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MMCP-672061FV-15M	5962-9317706QTC	MMCP-67206FV-30MQ	5962-9317702QTC	7216L25 (GEN)	5962-8687305XC
MMCP-672061HV-15M	5962-9317710QTC	MMCP-67206HV-30MQ	5962-9317707QTC	7216L25 (GEN)	5962-8687305YA
MMDP-672061FV-15M	5962-9317706QNC	MMDP-67206FV-30MQ	5962-9317702QNC	7216L25 (GEN)	5962-8687305YC
MMDP-672061HV-15M	5962-9317710QNC	MMDP-67206HV-30MQ	5962-9317707QNC	7216L25 (GEN)	5962-8687305ZA
SMCP-672061FV-15SR	5962D9317706VTC	SMCP-67206FV-30SR	5962D9317702VTC	7216L30 (GEN)	5962-8687304UA
SMCP-672061FV-15SV	5962-9317706VTC	SMCP-67206FV-30SV	5962-9317702VTC	7216L30 (GEN)	5962-8687304VA
SMCP-672061HV-15SR	5962D9317710VTC	SMCP-67206HV-30SR	5962D9317707VTC	7216L30 (GEN)	5962-8687304VC
SMCP-672061HV-15SV	5962-9317710VTC	SMCP-67206HV-30SV	5962-9317707VTC	7216L30 (GEN)	5962-8687304XA
SMDP-672061FV-15SR	5962D9317706VNC	SMDP-67206FV-30SR	5962D9317702VNC	7216L30 (GEN)	5962-8687304XC
SMDP-672061FV-15SV	5962-9317706VNC	SMDP-67206FV-30SV	5962-9317702VNC	7216L30 (GEN)	5962-8687304YA
SMDP-672061HV-15SR	5962D9317710VNC	SMDP-67206HV-30SR	5962D9317707VNC	7216L30 (GEN)	5962-8687304YC
SMDP-672061HV-15SV	5962-9317710VNC	SMDP-67206HV-30SV	5962-9317707VNC	7216L30 (GEN)	5962-8687304ZA
672061-30 (GEN)	5962-9317705QUC	7210L30 (GEN)	5962-8873304TA	7216L40 (GEN)	5962-8687301UA
672061-30 (GEN)	5962-9317705QZC	7210L30 (GEN)	5962-8873304XA	7216L40 (GEN)	5962-8687301ZA
672061-30 (GEN)	5962-9317705VUC	7210L30 (GEN)	5962-8873304ZA	7216L40 (GEN)	5962-8687301VA
672061-30 (GEN)	5962-9317705VZC	72103L120 (GEN)	5962-8994201QA	7216L40 (GEN)	5962-8687301VC
MMCP-672061FV-30M	5962-9317705QTC	72103L120 (GEN)	5962-8994201XA	7216L40 (GEN)	5962-8687301XA
MMCP-672061HV-30M	5962-9317709QTC	72103L40 (GEN)	5962-8994205QA	7216L40 (GEN)	5962-8687301XC
MMDP-672061FV-30M	5962-9317705QNC	72103L40 (GEN)	5962-8994205XA	7216L40 (GEN)	5962-8687301YA
MMDP-672061HV-30M	5962-9317709QNC	72103L50 (GEN)	5962-8994204QA	7216L40 (GEN)	5962-8687301YC
SMCP-672061FV-30SR	5962D9317705VTC	72103L50 (GEN)	5962-8994204XA	7216L55 (GEN)	5962-8687302UA
SMCP-672061FV-30SV	5962-9317705VTC	72103L65 (GEN)	5962-8994203QA	7216L55 (GEN)	5962-8687302VA
SMCP-672061HV-30SR	5962D9317709VTC	72103L65 (GEN)	5962-8994203XA	7216L55 (GEN)	5962-8687302VC
SMCP-672061HV-30SV	5962-9317709VTC	72103L80 (GEN)	5962-8994202QA	7216L55 (GEN)	5962-8687302XA
SMDP-672061FV-30SR	5962D9317705VNC	72103L80 (GEN)	5962-8994202XA	7216L55 (GEN)	5962-8687302XC
SMDP-672061FV-30SV	5962-9317705VNC	7210L40 (GEN)	5962-8873305TA	7216L55 (GEN)	5962-8687302YA
SMDP-672061HV-30SR	5962D9317709VNC	7210L40 (GEN)	5962-8873305XA	7216L55 (GEN)	5962-8687302YC
SMDP-672061HV-30SV	5962-9317709VNC	7210L40 (GEN)	5962-8873305ZA	7216L55 (GEN)	5962-8687302ZA
67206-15 (GEN)	5962-9317704QUC	72104L120 (GEN)	5962-8994301QA	7216L75 (GEN)	5962-8687303UA
67206-15 (GEN)	5962-9317704QZC	72104L120 (GEN)	5962-8994301XA	7216L75 (GEN)	5962-8687303VA
67206-15 (GEN)	5962-9317704VUC	72104L40 (GEN)	5962-8994305QA	7216L75 (GEN)	5962-8687303VC
67206-15 (GEN)	5962-9317704VZC	72104L50 (GEN)	5962-8994304QA	7216L75 (GEN)	5962-8687303XA
MMCP-67206FV-15MQ	5962-9317704QTC	72104L50 (GEN)	5962-8994304XA	7216L75 (GEN)	5962-8687303XC
MMCP-67206HV-15MQ	5962-9317708QTC	72104L65 (GEN)	5962-8994303QA	7216L75 (GEN)	5962-8687303YA
MMDP-67206FV-15MQ	5962-9317704QNC	72104L65 (GEN)	5962-8994303XA	7216L75 (GEN)	5962-8687303YC
MMDP-67206HV-15MQ	5962-9317708QNC	72104L80 (GEN)	5962-8994302QA	7216L75 (GEN)	5962-8687303ZA
SMCP-67206FV-15SR	5962D9317704VTC	72104L80 (GEN)	5962-8994302XA	7217L-40 (GEN)	5962-8768601UA
SMCP-67206FV-15SV	5962-9317704VTC	7210L-55 (GEN)	5962-8873301TA	7217L-40 (GEN)	5962-8768601XA
SMCP-67206HV-15SR	5962D9317708VTC	7210L-65 (GEN)	5962-8873302TA	7217L-40 (GEN)	5962-8768601YA
SMCP-67206HV-15SV	5962-9317708VTC	7210L75 (GEN)	5962-8873303TA	7217L-40 (GEN)	5962-8768601ZA
SMDP-67206FV-15SR	5962D9317704VNC	RTSX72SU-1CQ208B	5962-0151506QYC	72200L20 (GEN)	5962-9175701MXA
SMDP-67206FV-15SV	5962-9317704VNC	RTSX72SU-1CQ208E	5962-0151508QYC	TPS7H2201-SP	5962-1722001VXC
SMDP-67206HV-15SR	5962D9317708VNC	RTSX72SU-1CQ208EV	5962-0151510QYC	RTSX72SU-CQ208B	5962-0151505QYC
SMDP-67206HV-15SV	5962-9317708VNC	RTSX72SU-1CQ256B	5962-0151506QXC	RTSX72SU-CQ208E	5962-0151507QYC
IDT7206L20DB	5962-9317703MXA	RTSX72SU-1CQ256E	5962-0151508QXC	RTSX72SU-CQ208EV	5962-0151509QYC
IDT7206L20LB	5962-9317703MYA	RTSX72SU-1CQ256EV	5962-0151510QXC	IDT72211L25LB	5962-9324903MXA
67206-30 (GEN)	5962-9317702QUC	7216L20 (GEN)	5962-8687306UA	IDT72211L35LB	5962-9324902MXA
67206-30 (GEN)	5962-9317702QZC	7216L20 (GEN)	5962-8687306ZA	IDT72211L50LB	5962-9324901MXA
67206-30 (GEN)	5962-9317702VUC	7216L25 (GEN)	5962-8687305UA	72215LB25 (GEN)	5962-9210103MXA
67206-30 (GEN)	5962-9317702VZC	7216L25 (GEN)	5962-8687305VA	72215LB25 (GEN)	5962-9210103MYA
IDT7206L30DB	5962-9317702MXA	7216L25 (GEN)	5962-8687305VC	72215LB35 (GEN)	5962-9210102MXA
IDT7206L30LB	5962-9317702MYA	7216L25 (GEN)	5962-8687305XA	72215LB35 (GEN)	5962-9210102MYA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
72215LB50 (GEN)	5962-9210101MXA	QP7C225A-40LMB	5962-88518033A	72404L25 (GEN)	5962-8684601SA
72215LB50 (GEN)	5962-9210101MYA	QP7C225A-40LMB	5962-88518063A	72404L15 (GEN)	5962-8684602SA
72220L25 (GEN)	5962-9313803MXA	RTSX72SU-CQ256B	5962-0151505QXC	72404L15 (GEN)	5962-8684602VA
72220L25 (GEN)	5962-9313803MYA	RTSX72SU-CQ256E	5962-0151507QXC	72404L15 (GEN)	5962-8684602XA
72220L35 (GEN)	5962-9313802MXA	RTSX72SU-CQ256EV	5962-0151509QXC	72404L25 (GEN)	5962-8684603SA
72220L35 (GEN)	5962-9313802MYA	AD7226TE/883B	5962-87802012A	72404L25 (GEN)	5962-8684603VA
72220L50 (GEN)	5962-9313801MXA	AD7226TQ/883B	5962-8780201RA	72404L25 (GEN)	5962-8684603XA
72220L50 (GEN)	5962-9313801MYA	TLC7226MFKB	5962-87802012A	72404L35 (GEN)	5962-86846042A
72225LB25 (GEN)	5962-9205703MXA	TLC7226MFKB	5962-87802012C	72404L35 (GEN)	5962-8684604SA
72225LB25 (GEN)	5962-9205703MYA	AD7228T (GEN)	5962-8866301LA	72404L35 (GEN)	5962-8684604VA
72225LB35 (GEN)	5962-9205702MXA	AD7228TE/883B	5962-88663013A	CY7C421-65KMB	5962-8986302UA
72225LB35 (GEN)	5962-9205702MYA	AD7228UE/883B	5962-88663023A	AD7243SQ/883B	5962-9320401MEA
72225LB50 (GEN)	5962-9205701MXA	AD7228UQ/883B	5962-8866302LA	AD7244SQ/883B	5962-9164701MLA
72225LB50 (GEN)	5962-9205701MYA	CY7C235A-25DMB	5962-8863605LA	AD7245ATE/883B	5962-88766013A
72231L25 (GEN)	5962-9470703MXA	CY7C235A-25KMB	5962-8863605KA	AD7245ATQ/883B	5962-8876601LA
72231L35 (GEN)	5962-9470702MXA	CY7C235A-25LMB	5962-88636053A	CY7C245A-18QMB	5962-89815033A
72231L50 (GEN)	5962-9470701MXA	QP7C235A-25DMB	5962-8863605LA	CY7C245A-18TMB	5962-8981503KA
AD7224UE/883B	5962-9090801M2A	QP7C235A-25KMB	5962-8863605KA	CY7C245A-18WMB	5962-8981503LA
AD7224UQ/883B	5962-9090801MVA	QP7C235A-25LMB	5962-88636053A	QP7C245A-18QMB	5962-89815033A
72240L25 (GEN)	5962-9550603MXA	CY7C235-30DMB	5962-8863602LA	QP7C245A-18TMB	5962-8981503KA
72240L35 (GEN)	5962-9550602MXA	CY7C235-30KMB	5962-8863602KA	QP7C245A-18WMB	5962-8981503LA
72240L50 (GEN)	5962-9550601MXA	CY7C235-30LMB	5962-88636023A	CY7C245A-25DMB	5962-8873504LA
72241L20 (GEN)	5962-9451104MXA	CY7C235A-30DMB	5962-8863604LA	CY7C245A-25KMB	5962-8873504KA
72241L25 (GEN)	5962-9451103MXA	CY7C235A-30KMB	5962-8863604KA	CY7C245A-25LMB	5962-88735043A
72241L35 (GEN)	5962-9451102MXA	CY7C235A-30LMB	5962-88636043A	CY7C245A-25QMB	5962-89815023A
72241L50 (GEN)	5962-9451101MXA	QP7C235A-30DMB	5962-8863602LA	CY7C245A-25TMB	5962-8981502KA
7224525 (GEN)	5962-9318903MXA	QP7C235A-30DMB	5962-8863604LA	CY7C245A-25WMB	5962-8981502LA
7224525 (GEN)	5962-9318903MYA	QP7C235A-30KMB	5962-8863602KA	QP7C245A-25DMB	5962-8873504LA
7224535 (GEN)	5962-9318902MXA	QP7C235A-30KMB	5962-8863604KA	QP7C245A-25KMB	5962-8873504KA
7224535 (GEN)	5962-9318902MYA	QP7C235A-30LMB	5962-88636023A	QP7C245A-25LMB	5962-88735043A
7224550 (GEN)	5962-9318901MXA	QP7C235A-30LMB	5962-88636043A	QP7C245A-25QMB	5962-89815023A
7224550 (GEN)	5962-9318901MYA	CY7C235-40DMB	5962-8863601LA	QP7C245A-25TMB	5962-8981502KA
CY7C225A-25DMB	5962-8851807LA	CY7C235-40KMB	5962-8863601KA	QP7C245A-25WMB	5962-8981502LA
CY7C225A-25LMB	5962-88518073A	CY7C235-40LMB	5962-88636013A	CY7C245-35DMB	5962-8873502LA
QP7C225A-25DMB	5962-8851807LA	CY7C235A-40DMB	5962-8863603LA	CY7C245-35KMB	5962-8873502KA
QP7C225A-25LMB	5962-88518073A	CY7C235A-40KMB	5962-8863603KA	CY7C245-35LMB	5962-88735023A
CY7C225A-30DMB	5962-8851804LA	CY7C235A-40LMB	5962-88636033A	CY7C245A-35DMB	5962-8873503LA
CY7C225A-30LMB	5962-88518043A	QP7C235A-40DMB	5962-8863601LA	CY7C245A-35KMB	5962-8873503KA
QP7C225A-30DMB	5962-8851801LA	QP7C235A-40DMB	5962-8863603LA	CY7C245A-35LMB	5962-88735033A
QP7C225A-30DMB	5962-8851804LA	QP7C235A-40KMB	5962-8863601KA	CY7C245A-35QMB	5962-89815013A
QP7C225A-30LMB	5962-88518013A	QP7C235A-40KMB	5962-8863603KA	CY7C245A-35TMB	5962-8981501KA
QP7C225A-30LMB	5962-88518043A	QP7C235A-40LMB	5962-88636013A	CY7C245A-35WMB	5962-8981501LA
CY7C225A-35DMB	5962-8851805LA	QP7C235A-40LMB	5962-88636033A	QP7C245A-35DMB	5962-8873502LA
CY7C225A-35LMB	5962-88518053A	AD7237ATQ/QML	5962-9078502MLA	QP7C245A-35DMB	5962-8873503LA
QP7C225A-35DMB	5962-8851802LA	72401-25 (GEN)	5962-8952307EA	QP7C245A-35KMB	5962-8873502KA
QP7C225A-35DMB	5962-8851805LA	72401-35 (GEN)	5962-8952308EA	QP7C245A-35KMB	5962-8873503KA
QP7C225A-35LMB	5962-88518023A	72403-10 (GEN)	5962-8952301EA	QP7C245A-35LMB	5962-88735023A
QP7C225A-35LMB	5962-88518053A	72403L15 (GEN)	5962-8952302EA	QP7C245A-35LMB	5962-88735033A
CY7C225A-40DMB	5962-8851806LA	72403L25 (GEN)	5962-8952303EA	QP7C245A-35QMB	5962-87529023A
CY7C225A-40LMB	5962-88518063A	72403-35 (GEN)	5962-8952304EA	QP7C245A-35QMB	5962-87529023C
QP7C225A-40DMB	5962-8851803LA	72404L10 (GEN)	5962-8684601VA	QP7C245A-35QMB	5962-89815013A
QP7C225A-40DMB	5962-8851806LA	72404L10 (GEN)	5962-8684601XA	QP7C245A-35TMB	5962-8752902KA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
QP7C245A-35TMB	5962-8981501KA	7C259-15 (GEN)	5962-9312203MUA	QP7C263-25QMB	5962-87515113A
QP7C245A-35WMB	5962-8752902LA	7C259-15 (GEN)	5962-9312203MZA	QP7C263-25TMB	5962-8751511KA
QP7C245A-35WMB	5962-8981501LA	7C259-15 (GEN)	5962-9312303MUA	QP7C263-25WMB	5962-8751511LA
CY7C245-45DMB	5962-8873501LA	7C259-15 (GEN)	5962-9312303MZA	CY7C263-35QMB	5962-87515083A
CY7C245-45KMB	5962-8873501KA	CY7C261-25KMB	5962-9080304MKA	CY7C263-35TMB	5962-8751508KA
CY7C245-45LMB	5962-88735013A	CY7C261-25LMB	5962-9080304M3A	CY7C263-35WMB	5962-8751508LA
QP7C245A-45DMB	5962-8873501LA	CY7C261-25QMB	5962-87515123A	QP7C263-35DMB	5962-9080307MLA
QP7C245A-45KMB	5962-8873501KA	CY7C261-25TMB	5962-8751512KA	QP7C263-35KMB	5962-9080307MKA
QP7C245A-45LMB	5962-88735013A	CY7C261-25WMB	5962-8751512LA	QP7C263-35LMB	5962-9080307M3A
QP7C245A-45QMB	5962-87529013A	QP7C261-25DMB	5962-9080304MLA	QP7C263-35QMB	5962-87515083A
QP7C245A-45QMB	5962-87529013C	QP7C261-25KMB	5962-9080304MKA	QP7C263-35TMB	5962-8751508KA
QP7C245A-45TMB	5962-8752901KA	QP7C261-25LMB	5962-9080304M3A	QP7C263-35WMB	5962-8751508LA
QP7C245A-45WMB	5962-8752901LA	QP7C261-25QMB	5962-87515123A	CY7C263-45KMB	5962-9080306MKA
AD7247ATQ/QML	5962-9078501MLA	QP7C261-25TMB	5962-8751512KA	CY7C263-45QMB	5962-87515093A
AD7248A (GEN)	5962-8876602RA	QP7C261-25WMB	5962-8751512LA	CY7C263-45TMB	5962-8751509KA
LM725 (GEN)	5962-9552901MGA	CY7C261-35DMB	5962-9080303MLA	CY7C263-45WMB	5962-8751509LA
7C251-45 (GEN)	5962-8953703ZA	CY7C261-35QMB	5962-87515073A	QP7C263-45DMB	5962-9080306MLA
CY7C251-45QMB	5962-8953703UA	CY7C261-35TMB	5962-8751507KA	QP7C263-45KMB	5962-9080306MKA
CY7C251-45WMB	5962-8953703YA	CY7C261-35WMB	5962-8751507LA	QP7C263-45LMB	5962-9080306M3A
7C251-55 (GEN)	5962-8953702ZA	QP7C261-35DMB	5962-9080303MLA	QP7C263-45QMB	5962-87515013A
CY7C251-55QMB	5962-8953702UA	QP7C261-35KMB	5962-9080303MKA	QP7C263-45QMB	5962-87515013C
CY7C251-55WMB	5962-8953702YA	QP7C261-35LMB	5962-9080303M3A	QP7C263-45QMB	5962-87515093A
7C251-65 (GEN)	5962-8953701ZA	QP7C261-35QMB	5962-87515073A	QP7C263-45TMB	5962-8751501KA
CY7C251-65QMB	5962-8953701UA	QP7C261-35TMB	5962-8751507KA	QP7C263-45TMB	5962-8751509KA
CY7C251-65WMB	5962-8953701YA	QP7C261-35WMB	5962-8751507LA	QP7C263-45WMB	5962-8751501LA
7C254-45 (GEN)	5962-8953803UA	CY7C261-45QMB	5962-87515053A	QP7C263-45WMB	5962-8751509LA
7C254-45 (GEN)	5962-8953803XA	CY7C261-45TMB	5962-8751505KA	CY7C263-55QMB	5962-87515103A
7C254-45 (GEN)	5962-8953803ZA	CY7C261-45WMB	5962-8751505LA	CY7C263-55TMB	5962-8751510KA
7C254-55 (GEN)	5962-8953802XA	QP7C261-45DMB	5962-9080302MLA	CY7C263-55WMB	5962-8751510LA
7C254-55 (GEN)	5962-8953802ZA	QP7C261-45KMB	5962-9080302MKA	QP7C263-55DMB	5962-9080305MLA
7C254-65 (GEN)	5962-8953801XA	QP7C261-45LMB	5962-9080302M3A	QP7C263-55KMB	5962-9080305MKA
7C254-65 (GEN)	5962-8953801ZA	QP7C261-45QMB	5962-87515053A	QP7C263-55LMB	5962-9080305M3A
7256-15 (GEN)	5962-9324702MXC	QP7C261-45TMB	5962-8751505KA	QP7C263-55QMB	5962-87515023A
7256-15 (GEN)	5962-9324702MYA	QP7C261-45WMB	5962-8751505LA	QP7C263-55QMB	5962-87515023C
7256-20 (GEN)	5962-9324701MXC	CY7C261-55QMB	5962-87515063A	QP7C263-55QMB	5962-87515103A
7256-20 (GEN)	5962-9324701MYA	CY7C261-55TMB	5962-8751506KA	QP7C263-55TMB	5962-8751502KA
7C258-12 (GEN)	5962-9312202M3A	CY7C261-55WMB	5962-8751506LA	QP7C263-55TMB	5962-8751510KA
7C258-12 (GEN)	5962-9312202MXA	QP7C261-55DMB	5962-9080301MLA	QP7C263-55WMB	5962-8751502LA
7C258-12 (GEN)	5962-9312202MYA	QP7C261-55KMB	5962-9080301MKA	QP7C263-55WMB	5962-8751510LA
7C258-12 (GEN)	5962-9312302M3A	QP7C261-55LMB	5962-9080301M3A	QP7C263-70QMB	5962-87515033A
7C258-12 (GEN)	5962-9312302MXA	QP7C261-55QMB	5962-87515063A	QP7C263-70QMB	5962-87515033C
7C258-12 (GEN)	5962-9312302MYA	QP7C261-55TMB	5962-8751506KA	QP7C263-70TMB	5962-8751503KA
7C258-15 (GEN)	5962-9312201M3A	QP7C261-55WMB	5962-8751506LA	QP7C263-70WMB	5962-8751503LA
7C258-15 (GEN)	5962-9312201MXA	CY7C263-25DMB	5962-9080308MLA	QP7C263-90QMB	5962-87515043A
7C258-15 (GEN)	5962-9312201MYA	CY7C263-25KMB	5962-9080308MKA	QP7C263-90QMB	5962-87515043C
7C258-15 (GEN)	5962-9312301M3A	CY7C263-25LMB	5962-9080308M3A	QP7C263-90TMB	5962-8751504KA
7C258-15 (GEN)	5962-9312301MXA	CY7C263-25QMB	5962-87515113A	QP7C263-90WMB	5962-8751504LA
7C258-15 (GEN)	5962-9312301MYA	CY7C263-25TMB	5962-8751511KA	CY7C264-25DMB	5962-9080308MJA
7C259-12 (GEN)	5962-9312204MUA	CY7C263-25WMB	5962-8751511LA	CY7C264-25WMB	5962-8751511JA
7C259-12 (GEN)	5962-9312204MZA	QP7C263-25DMB	5962-9080308MLA	QP7C264-25DMB	5962-9080308MJA
7C259-12 (GEN)	5962-9312304MUA	QP7C263-25KMB	5962-9080308MKA	QP7C264-25WMB	5962-8751511JA
7C259-12 (GEN)	5962-9312304MZA	QP7C263-25LMB	5962-9080308M3A	CY7C264-35WMB	5962-8751508JA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
QP7C264-35DMB	5962-9080307MJA	7C269-50 (GEN)	5962-9083102M3A	CY7C274-55WMB	5962-8981704UA
QP7C264-35WMB	5962-8751508JA	7C269-50 (GEN)	5962-9083102MXA	CY7C277-40DMB	5962-9215502MXA
CY7C264-45WMB	5962-8751509JA	7C269-50 (GEN)	5962-9083102MYA	CY7C277-40KMB	5962-9215502MZA
QP7C264-45DMB	5962-9080306MJA	7C269-50 (GEN)	5962-9093001M3A	CY7C277-40LMB	5962-9215502MYA
QP7C264-45WMB	5962-8751501JA	7C269-50 (GEN)	5962-9093001MXA	CY7C277-40QMB	5962-9174402MYA
QP7C264-45WMB	5962-8751509JA	7C269-50 (GEN)	5962-9093001MYA	CY7C277-40TMB	5962-9174402MZA
CY7C264-55WMB	5962-8751510JA	7C269-60 (GEN)	5962-9083101M3A	CY7C277-40WMB	5962-9174402MXA
QP7C264-55DMB	5962-9080305MJA	7C269-60 (GEN)	5962-9083101MXA	CY7C277-50DMB	5962-9215501MXA
QP7C264-55WMB	5962-8751502JA	7C269-60 (GEN)	5962-9083101MYA	CY7C277-50KMB	5962-9215501MZA
QP7C264-55WMB	5962-8751510JA	CY7C271-35DMB	5962-9316603MXA	CY7C277-50LMB	5962-9215501MYA
QP7C264-70WMB	5962-8751503JA	CY7C271-35KMB	5962-9316603MYA	CY7C277-50QMB	5962-9174401MYA
QP7C264-90WMB	5962-8751504JA	CY7C271-35QMB	5962-8981703ZA	CY7C277-50TMB	5962-9174401MZA
7C265-15 (GEN)	5962-8948403MYA	CY7C271-35WMB	5962-8981703XA	CY7C277-50WMB	5962-9174401MXA
CY7C265-15QMB	5962-8948403M3A	QP7C271-35DMB	5962-9316603MXA	ISL72813SEHVL	5962R1720801VXA
CY7C265-15WMB	5962-8948403MXA	QP7C271-35KMB	5962-9316603MYA	ISL72813SEHVX	5962R1720801V9A
CY7C265-18DMB	5962-8996704MXA	QP7C271-35LMB	5962-9316603MZA	CY7C281A-30DMB	5962-8765103LA
CY7C265-18KMB	5962-8996704MYA	QP7C271-35QMB	5962-8981703ZA	CY7C281A-30KMB	5962-8765103KA
CY7C265-18LMB	5962-8996704M3A	QP7C271-35TMB	5962-8981703YA	CY7C281A-30LMB	5962-87651033A
7C265-25 (GEN)	5962-8948402MYA	QP7C271-35WMB	5962-8981703XA	QP7C281A-30DMB	5962-8765103LA
CY7C265-25DMB	5962-8996703MXA	CY7C271-45DMB	5962-9316602MXA	QP7C281A-30KMB	5962-8765103KA
CY7C265-25KMB	5962-8996703MYA	CY7C271-45KMB	5962-9316602MYA	QP7C281A-30LMB	5962-87651033A
CY7C265-25LMB	5962-8996703M3A	CY7C271-45LMB	5962-9316602MZA	CY7C281A-45DMB	5962-8765102LA
CY7C265-25QMB	5962-8948402M3A	CY7C271-45QMB	5962-8981702ZA	CY7C281A-45KMB	5962-8765102KA
CY7C265-25WMB	5962-8948402MXA	CY7C271-45WMB	5962-8981702XA	CY7C281A-45LMB	5962-87651023A
7C265-50 (GEN)	5962-8948401MYA	QP7C271-45DMB	5962-9316602MXA	QP7C281A-45DMB	5962-8765101LA
CY7C265-50DMB	5962-8996702MXA	QP7C271-45KMB	5962-9316602MYA	QP7C281A-45DMB	5962-8765102LA
CY7C265-50KMB	5962-8996702MYA	QP7C271-45LMB	5962-9316602MZA	QP7C281A-45KMB	5962-8765101KA
CY7C265-50LMB	5962-8996702M3A	QP7C271-45QMB	5962-8981702ZA	QP7C281A-45KMB	5962-8765102KA
CY7C265-50QMB	5962-8948401M3A	QP7C271-45TMB	5962-8981702YA	QP7C281A-45LMB	5962-87651013A
CY7C265-50WMB	5962-8948401MXA	QP7C271-45WMB	5962-8981702XA	QP7C281A-45LMB	5962-87651023A
CY7C265-60DMB	5962-8996701MXA	CY7C271-55DMB	5962-9316601MXA	UT7R2XLR816-YCA	5962R0824301QYA
CY7C265-60KMB	5962-8996701MYA	CY7C271-55KMB	5962-9316601MYA	UT7R2XLR816-YCA	5962R0824302QYA
CY7C265-60LMB	5962-8996701M3A	CY7C271-55LMB	5962-9316601MZA	UT7R2XLR816-ZCC	5962R0824301QXC
HCTS7266 (GEN)	5962R9575201V9A	CY7C271-55QMB	5962-8981701ZA	UT7R2XLR816-ZCC	5962R0824302QXC
HCTS7266 (GEN)	5962R9575201VCC	CY7C271-55WMB	5962-8981701XA	CY7C282A-30DMB	5962-8765103JA
HCTS7266 (GEN)	5962R9575201VXC	QP7C271-55DMB	5962-9316601MXA	QP7C282A-30DMB	5962-8765103JA
7C266-25 (GEN)	5962-9162402MXA	QP7C271-55KMB	5962-9316601MYA	CY7C282A-45DMB	5962-8765102JA
7C266-25 (GEN)	5962-9162402MYA	QP7C271-55LMB	5962-9316601MZA	QP7C282A-45DMB	5962-8765101JA
7C266-45 (GEN)	5962-9162401MXA	QP7C271-55QMB	5962-8981701ZA	QP7C282A-45DMB	5962-8765102JA
7C266-45 (GEN)	5962-9162401MYA	QP7C271-55TMB	5962-8981701YA	7C285 (GEN)	5962-9232202MXA
7C269-15 (GEN)	5962-9093003M3A	QP7C271-55WMB	5962-8981701XA	7C285 (GEN)	5962-9232202MYA
7C269-15 (GEN)	5962-9093003MXA	CY7C274-35DMB	5962-9316606MUA	7C285 (GEN)	5962-9232202MZA
7C269-15 (GEN)	5962-9093003MYA	CY7C274-35LMB	5962-9316606MZA	7C285 (GEN)	5962-9232201MXA
7C269-18 (GEN)	5962-9083104M3A	CY7C274-35QMB	5962-8981706ZA	7C285 (GEN)	5962-9232201MYA
7C269-18 (GEN)	5962-9083104MXA	CY7C274-35WMB	5962-8981706UA	7C285 (GEN)	5962-9232201MZA
7C269-18 (GEN)	5962-9083104MYA	CY7C274-45DMB	5962-9316605MUA	7C286-60 (GEN)	5962-9207102MXA
7C269-25 (GEN)	5962-9083103M3A	CY7C274-45LMB	5962-9316605MZA	7C286-60 (GEN)	5962-9207102MYA
7C269-25 (GEN)	5962-9083103MXA	CY7C274-45QMB	5962-8981705ZA	7C286-70 (GEN)	5962-9207101MXA
7C269-25 (GEN)	5962-9083103MYA	CY7C274-45WMB	5962-8981705UA	7C286-70 (GEN)	5962-9207101MYA
7C269-25 (GEN)	5962-9093002M3A	CY7C274-55DMB	5962-9316604MUA	CY7C287-55DMB	5962-9206502MXA
7C269-25 (GEN)	5962-9093002MXA	CY7C274-55LMB	5962-9316604MZA	CY7C287-55LMB	5962-9206502MYA
7C269-25 (GEN)	5962-9093002MYA	CY7C274-55QMB	5962-8981704ZA	CY7C287-55QMB	5962-9091302MYA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
CY7C287-55WMB	5962-9091302MXA	QP7C291A-45TMB	5962-8765004KA	MAX731MJA/883B	5962-9462101MPA
QP7C287-55DMB	5962-9206502MXA	QP7C291A-45WMB	5962-8765004LA	MAX731MLP/883B	5962-9462101M2C
QP7C287-55LMB	5962-9206502MYA	QP7C292A-45WMB	5962-8765004JA	ISL73127EHVF	5962F0721805VXC
QP7C287-55QMB	5962-9091302MYA	CY7C291A-50QMB	5962-87650013A	ISL73127EHVX	5962F0721805V9A
QP7C287-55WMB	5962-9091302MXA	CY7C291A-50TMB	5962-8765001KA	ISL73127RHVF	5962F0721802VXC
CY7C287-65DMB	5962-9206501MXA	CY7C291A-50WMB	5962-8765001LA	ISL73127RHVX	5962F0721802V9A
CY7C287-65LMB	5962-9206501MYA	CY7C292A-50WMB	5962-8765001JA	ISL73128EHVF	5962F0721806VXC
CY7C287-65QMB	5962-9091301MYA	QP7C291A-50QMB	5962-87650013A	ISL73128EHVX	5962F0721806V9A
CY7C287-65WMB	5962-9091301MXA	QP7C291A-50TMB	5962-8765001KA	ISL73128RHVF	5962F0721803VXC
QP7C287-65DMB	5962-9206501MXA	QP7C291A-50WMB	5962-8765001LA	ISL73128RHVX	5962F0721803V9A
QP7C287-65LMB	5962-9206501MYA	QP7C292A-50WMB	5962-8765001JA	MAX732MJA/883B	5962-9462102MPA
QP7C287-65QMB	5962-9091301MYA	CY7C291A-55DMB	5962-8873401LA	MAX732MLP/883B	5962-9462102M2C
QP7C287-65WMB	5962-9091301MXA	CY7C291A-55KMB	5962-8873401KA	ISL73244SEHVF	5962L1324802VXC
CY7C291A-25DMB	5962-8873404LA	CY7C291A-55LMB	5962-88734013A	ISL73244SEHVX	5962L1324802V9A
CY7C291A-25KMB	5962-8873404KA	CY7C291A-55QMB	5962-87650023A	MAX733 (GEN)	5962-9462103MPA
CY7C291A-25LMB	5962-88734043A	CY7C291A-55TMB	5962-8765002KA	MAX733MLP/883B	5962-9462103M2C
CY7C291A-25QMB	5962-87650053A	CY7C291A-55WMB	5962-8765002LA	UA733M/B2A	84185012A
CY7C291A-25TMB	5962-8765005KA	CY7C292A-55WMB	5962-8765002JA	UA733M/BCA	8418501CA
CY7C291A-25WMB	5962-8765005LA	QP7C291A-55DMB	5962-8873401LA	UA733M/BHA	8418501HA
CY7C292A-25WMB	5962-8765005JA	QP7C291A-55KMB	5962-8873401KA	UA733M/BIA	8418501IA
QP7C291A-25DMB	5962-8873404LA	QP7C291A-55LMB	5962-88734013A	TPS7H3301-RHA	5962R1422801VXC
QP7C291A-25KMB	5962-8873404KA	QP7C291A-55QMB	5962-87650023A	TPS7H3301-SP	5962-1422801VXC
QP7C291A-25LMB	5962-88734043A	QP7C291A-55TMB	5962-8765002KA	7C330-28 (GEN)	5962-8954601XA
QP7C291A-25QMB	5962-87650053A	QP7C291A-55WMB	5962-8765002LA	7C330-40 (GEN)	5962-89546023A
QP7C291A-25TMB	5962-8765005KA	QP7C292A-55WMB	5962-8765002JA	7C330-40 (GEN)	5962-8954602XA
QP7C291A-25WMB	5962-8765005LA	CY7C292A-25DMB	5962-8873404JA	7C330-40 (GEN)	5962-8954602YA
QP7C292A-25WMB	5962-8765005JA	QP7C292A-25DMB	5962-8873404JA	7C330-50 (GEN)	5962-89546033A
CY7C291A-35DMB	5962-8873403LA	CY7C292A-35DMB	5962-8873403JA	7C330-50 (GEN)	5962-8954603XA
CY7C291A-35KMB	5962-8873403KA	QP7C292A-35DMB	5962-8873403JA	7C330-50 (GEN)	5962-8954603YA
CY7C291A-35LMB	5962-88734033A	CY7C292A-45DMB	5962-8873402JA	7C331-25 (GEN)	5962-8985503M3A
CY7C291A-35QMB	5962-87650033A	QP7C292A-45DMB	5962-8873402JA	7C331-25 (GEN)	5962-8985503MXA
CY7C291A-35TMB	5962-8765003KA	CY7C292A-55DMB	5962-8873401JA	7C331-25 (GEN)	5962-8985503MYA
CY7C291A-35WMB	5962-8765003LA	QP7C292A-55DMB	5962-8873401JA	7C331-25 (GEN)	5962-8985503MZA
CY7C292A-35WMB	5962-8765003JA	7C293A-25 (GEN)	5962-8868004LA	7C331-25 (GEN)	5962-9075403M3A
QP7C291A-35DMB	5962-8873403LA	7C293A-30 (GEN)	5962-8868003LA	7C331-25 (GEN)	5962-9075403MXA
QP7C291A-35KMB	5962-8873403KA	7C293A-35 (GEN)	5962-8868002LA	7C331-25 (GEN)	5962-9075403MYA
QP7C291A-35LMB	5962-88734033A	7C293A-50 (GEN)	5962-8868001LA	7C331-25 (GEN)	5962-9075403MZA
QP7C291A-35QMB	5962-87650033A	ISL72991QF	5962-0250301QXC	7C331-30 (GEN)	5962-8985502M3A
QP7C291A-35TMB	5962-8765003KA	ISL72991RHQF	5962F0250301QXC	7C331-30 (GEN)	5962-8985502MXA
QP7C291A-35WMB	5962-8765003LA	ISL72991RHVF	5962F0250301VXC	7C331-30 (GEN)	5962-8985502MYA
QP7C292A-35WMB	5962-8765003JA	ISL72991RHVX	5962F0250301V9A	7C331-30 (GEN)	5962-8985502MZA
CY7C291A-45DMB	5962-8873402LA	ISL73040SEHVL	5962L1723302VXC	7C331-30 (GEN)	5962-9075402M3A
CY7C291A-45KMB	5962-8873402KA	ISL73040SEHVX	5962L1723302V9A	7C331-30 (GEN)	5962-9075402MXA
CY7C291A-45LMB	5962-88734023A	ISL73051ASEHVF	5962L1121204VXC	7C331-30 (GEN)	5962-9075402MYA
CY7C291A-45QMB	5962-87650043A	ISL73051ASEHVFE	5962L1121204VYC	7C331-30 (GEN)	5962-9075402MZA
CY7C291A-45TMB	5962-8765004KA	ISL73051ASEHVX	5962L1121204V9A	7C331-40 (GEN)	5962-8985501M3A
CY7C291A-45WMB	5962-8765004LA	ISL73052SEHVFE	5962L1322002VXC	7C331-40 (GEN)	5962-8985501MXA
CY7C292A-45WMB	5962-8765004JA	ISL73052SEHVX	5962L1322002V9A	7C331-40 (GEN)	5962-8985501MYA
QP7C291A-45DMB	5962-8873402LA	ISL73096EHVF	5962F0721804VXC	7C331-40 (GEN)	5962-8985501MZA
QP7C291A-45KMB	5962-8873402KA	ISL73096EHVX	5962F0721804V9A	7C331-40 (GEN)	5962-9075401M3A
QP7C291A-45LMB	5962-88734023A	ISL73096RHVF	5962F0721801VXC	7C331-40 (GEN)	5962-9075401MXA
QP7C291A-45QMB	5962-87650043A	ISL73096RHVX	5962F0721801V9A	7C331-40 (GEN)	5962-9075401MYA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
7C331-40 (GEN)	5962-9075401MZA	ISL73591SEHVF	5962L1821702VXC	HCTS74 (GEN)	5962R9576301VCC
ISL73321SEHVF	5962R1722502VXC	ISL73591SEHVX	5962L1821702V9A	HCTS74 (GEN)	5962R9576301VXC
ISL73321SEHVX	5962R1722502V9A	ISL73592SEHVF	5962L1821704VXC	7C401-10 (GEN)	5962-89523052A
7C332-20 (GEN)	5962-9158402MYA	ISL73592SEHVX	5962L1821704V9A	7C401-10 (GEN)	5962-8952305EA
7C332-20 (GEN)	5962-9158402MZA	7C371-66 (GEN)	5962-9468401QXA	7C401-15 (GEN)	5962-89523062A
7C332-25 (GEN)	5962-9158401M3A	7C371-83 (GEN)	5962-9468402QXA	7C401-15 (GEN)	5962-8952306EA
7C332-25 (GEN)	5962-9158401MYA	7C372-66 (GEN)	5962-9468801QXA	ACTS74DMSR-02	5962F9671302VCC
7C332-25 (GEN)	5962-9158401MZA	CY7C372I-66YMB	5962-9759701QXA	ACTS74HMSR-02	5962F9671302V9C
CY7C335-50HMB	5962-9451001MYA	7C372-83 (GEN)	5962-9468802QXA	ACTS74KMSR-02	5962F9671302VXC
CY7C335-50QMB	5962-9451001MZA	CY7C372I-83YMB	5962-9759702QXA	ACS74-02 (GEN)	5962F9679902V9A
CY7C335-50WMB	5962-9451001MXA	7C374-66 (GEN)	5962-9471301QXC	ACS74-02 (GEN)	5962F9679902VCC
CY7C335-66HMB	5962-9451002MYA	7C374-66 (GEN)	5962-9471301QYA	ACS74-02 (GEN)	5962F9679902VXC
CY7C335-66QMB	5962-9451002MZA	CY7C374I-66GMB	5962-9759801QXC	7C403-10 (GEN)	5962-89523012A
CY7C335-66WMB	5962-9451002MXA	CY7C374I-66YMB	5962-9759801QYA	7C403-15 (GEN)	5962-89523022A
CY7C335-83HMB	5962-9451003MYA	CY7C374I-83YMB	5962-9759802QYA	7C404-10 (GEN)	5962-86846012A
CY7C335-83QMB	5962-9451003MZA	7C374-83 (GEN)	5962-9471302QXC	7C404-15 (GEN)	5962-86846022A
CY7C335-83WMB	5962-9451003MXA	7C374-83 (GEN)	5962-9471302QYA	7C404-25 (GEN)	5962-86846032A
7C341-30 (GEN)	5962-9206202MXA	CY7C374I-83GMB	5962-9759802QXC	CY7C408A-15DMB	5962-8966401XA
7C341-30 (GEN)	5962-9206202MYA	7C375-66 (GEN)	5962-9555701QXC	CY7C408A-15KMB	5962-8966401YA
7C341-35 (GEN)	5962-9206203MXA	7C375-66 (GEN)	5962-9555701QYC	CY7C408A-15LMB	5962-89664013A
7C341-35 (GEN)	5962-9206203MYA	7C375-66 (GEN)	5962-9555701QZC	CY7C408A-25DMB	5962-8966402XA
7C341-40 (GEN)	5962-9206201MXA	7C375I-66 (GEN)	5962-9759901QYC	CY7C408A-25KMB	5962-8966402YA
7C341-40 (GEN)	5962-9206201MYA	CY7C375I-66GMB	5962-9759901QXC	CY7C408A-25LMB	5962-89664023A
CY7C342B-15HMB	5962-8946805YA	CY7C375I-66UMB	5962-9759901QZC	7C409A-15 (GEN)	5962-89661013A
CY7C342B-15RMB	5962-8946805XC	7C375-83 (GEN)	5962-9555702QXC	7C409A-15 (GEN)	5962-8966101XA
7C342B-20 (GEN)	5962-8946804ZA	7C375-83 (GEN)	5962-9555702QYC	7C409A-15 (GEN)	5962-8966101YA
CY7C342B-20HMB	5962-8946804YA	7C375-83 (GEN)	5962-9555702QZC	7C409A-25 (GEN)	5962-89661023A
CY7C342B-20RMB	5962-8946804XC	7C375I-83 (GEN)	5962-9759902QYC	7C409A-25 (GEN)	5962-8966102XA
7C342B-25 (GEN)	5962-8946803ZA	CY7C375I-83GMB	5962-9759902QXC	7C409A-25 (GEN)	5962-8966102YA
CY7C342B-25HMB	5962-8946803YA	CY7C375I-83UMB	5962-9759902QZC	CY7C420-25DMB	5962-8986306XA
CY7C342B-25RMB	5962-8946803XC	MAX738AMJA/883B	5962-9312101MPA	CY7C420-30DMB	5962-8986305XA
7C342-30 (GEN)	5962-8946802ZA	ISL73840SEHVF	5962L1521902VXC	CY7C420-40DMB	5962-8986304XA
CY7C342B-30HMB	5962-8946802YA	ISL73840SEHVX	5962L1521902V9A	CY7C420-50DMB	5962-8986303XA
CY7C342B-30RMB	5962-8946802XC	ISL73841SEHVF	5962L1522002VXC	CY7C420-65DMB	5962-8986302XA
7C342B-35 (GEN)	5962-8946801ZA	ISL73841SEHVX	5962L1522002V9A	CY7C420-80DMB	5962-8986301XA
CY7C342B-35HMB	5962-8946801YA	CY7C386A (GEN)	5962-9559901QXC	CY7C421-25DMB	5962-8986306YA
CY7C342B-35RMB	5962-8946801XA	CY7C386A (GEN)	5962-9559902QXC	CY7C421-25KMB	5962-8986306UA
CY7C342B-35RMB	5962-8946801XC	CY7C386A (GEN)	5962-9559903QXC	CY7C421-25LMB	5962-8986306ZA
CY7C343-30HMB	5962-9215802MXA	AC74DIE2V	5962F8852003V9A	CY7C421-30DMB	5962-8986305YA
CY7C343-40HMB	5962-9215801MXA	ACS74 (GEN)	5962F9679901V9A	CY7C421-30KMB	5962-8986305UA
CY7C344-25HMB	5962-9061102YA	ACS74 (GEN)	5962F9679901VCC	CY7C421-30LMB	5962-8986305ZA
CY7C344-25WMB	5962-9061102XA	ACS74 (GEN)	5962F9679901VXC	CY7C421-40DMB	5962-8986304YA
CY7C344-35HMB	5962-9061101YA	ACTS74 (GEN)	5962F9671301VCC	CY7C421-40KMB	5962-8986304UA
CY7C344-35WMB	5962-9061101XA	ACTS74 (GEN)	5962F9671301VXC	CY7C421-40LMB	5962-8986304ZA
ISL73444SEHVF	5962L1321403VXC	HCS74 (GEN)	5962R9578201TCC	CY7C421-50DMB	5962-8986303YA
ISL73444SEHVX	5962L1321403V9A	HCS74 (GEN)	5962R9578201TXC	CY7C421-50KMB	5962-8986303UA
CY7C346-30HMB	5962-9314402MUA	HCS74 (GEN)	5962R9578201V9A	CY7C421-50LMB	5962-8986303ZA
CY7C346-30RMB	5962-9314402MZC	HCS74 (GEN)	5962R9578201VCC	CY7C421-65DMB	5962-8986302YA
CY7C346-35HMB	5962-9314401MUA	HCS74 (GEN)	5962R9578201VXC	CY7C421-65LMB	5962-8986302ZA
CY7C346-35RMB	5962-9314401MZC	HCTS74 (GEN)	5962R9576301TCC	CY7C421-80DMB	5962-8986301YA
ISL73590SEHVF	5962L1321502VXC	HCTS74 (GEN)	5962R9576301TXC	CY7C421-80KMB	5962-8986301UA
ISL73590SEHVX	5962L1321502V9A	HCTS74 (GEN)	5962R9576301V9A	CY7C421-80LMB	5962-8986301ZA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
CY7C424-120DMB	5962-9158501MYA	CY7C429-80LMB	5962-8866901ZA	7C443-20 (GEN)	5962-9456702QXA
CY7C424-30DMB	5962-9158506MYA	CY7C432-120DMB	5962-9071501MXA	7C443-20 (GEN)	5962-9456702QYA
CY7C424-40DMB	5962-9158505MYA	CY7C432-20DMB	5962-9071507MXA	7C443-30 (GEN)	5962-9456701QXA
CY7C424-50DMB	5962-9158504MYA	CY7C432-30DMB	5962-9071506MXA	7C443-30 (GEN)	5962-9456701QYA
CY7C424-65DMB	5962-9158503MYA	CY7C432-40DMB	5962-9071505MXA	TPS7A4501KGD-SP	5962-1222402V9A
CY7C424-80DMB	5962-9158502MYA	CY7C432-50DMB	5962-9071504MXA	TPS7A4501MKGD1	5962-1222401Q9A
CY7C425-120DMB	5962-9158501MXA	CY7C432-65DMB	5962-9071503MXA	TPS7A4501MUB	5962-1222401QHA
CY7C425-120KMB	5962-9158501MZA	CY7C432-80DMB	5962-9071502MXA	TPS7A4501-RHA	5962R1222403VXC
CY7C425-120LMB	5962-9158501MUA	CY7C433-120DMB	5962-9071501MUA	TPS7A4501RHAKGD	5962R1222403V9A
CY7C425-30DMB	5962-9158506MXA	CY7C433-120KMB	5962-9071501MYA	TPS7A4501-SP	5962-1222402VHA
CY7C425-30KMB	5962-9158506MZA	CY7C433-120LMB	5962-9071501MZA	7C451-14 (GEN)	5962-9317303MXA
CY7C425-30LMB	5962-9158506MUA	CY7C433-20DMB	5962-9071507MUA	7C451-14 (GEN)	5962-9317303MYA
CY7C425-40DMB	5962-9158505MXA	CY7C433-20KMB	5962-9071507MYA	7C451-20 (GEN)	5962-9317302MXA
CY7C425-40KMB	5962-9158505MZA	CY7C433-20LMB	5962-9071507MZA	7C451-20 (GEN)	5962-9317302MYA
CY7C425-40LMB	5962-9158505MUA	CY7C433-30DMB	5962-9071506MUA	7C451-30 (GEN)	5962-9317301MXA
CY7C425-50DMB	5962-9158504MXA	CY7C433-30KMB	5962-9071506MYA	7C451-30 (GEN)	5962-9317301MYA
CY7C425-50KMB	5962-9158504MZA	CY7C433-30LMB	5962-9071506MZA	7C453-14 (GEN)	5962-9312403MXA
CY7C425-50LMB	5962-9158504MUA	CY7C433-40DMB	5962-9071505MUA	7C453-14 (GEN)	5962-9312403MYA
CY7C425-65DMB	5962-9158503MXA	CY7C433-40KMB	5962-9071505MYA	7C453-14 (GEN)	5962-9312403MZA
CY7C425-65KMB	5962-9158503MZA	CY7C433-40LMB	5962-9071505MZA	7C453-20 (GEN)	5962-9312402MXA
CY7C425-65LMB	5962-9158503MUA	CY7C433-50DMB	5962-9071504MUA	7C453-20 (GEN)	5962-9312402MYA
CY7C425-80DMB	5962-9158502MXA	CY7C433-50KMB	5962-9071504MYA	7C453-20 (GEN)	5962-9312402MZA
CY7C425-80KMB	5962-9158502MZA	CY7C433-50LMB	5962-9071504MZA	7C453-30 (GEN)	5962-9312401MXA
CY7C425-80LMB	5962-9158502MUA	CY7C433-65DMB	5962-9071503MUA	7C453-30 (GEN)	5962-9312401MYA
7C4271-15 (GEN)	5962-9763101QXA	CY7C433-65KMB	5962-9071503MYA	7C453-30 (GEN)	5962-9312401MZA
CY7C428-20DMB	5962-8866906XA	CY7C433-65LMB	5962-9071503MZA	ISL7457SRHQF	5962D0823001QXC
CY7C428-25DMB	5962-8866907XA	CY7C433-80DMB	5962-9071502MUA	ISL7457SRHVF	5962D0823001VXC
CY7C428-30DMB	5962-8866905XA	CY7C433-80KMB	5962-9071502MYA	ISL7457SRHVX	5962D0823001V9A
CY7C428-40DMB	5962-8866904XA	CY7C433-80LMB	5962-9071502MZA	CY7C460A-30/MYA	5962-9167703MYA
CY7C428-50DMB	5962-8866903XA	7C439-30 (GEN)	5962-9232103MXA	CY7C460A-30DMB	5962-9167703MXA
CY7C428-80DMB	5962-8866901XA	7C439-30 (GEN)	5962-9232103MYA	CY7C460A-30LMB	5962-9167703MZA
CY7C429-20DMB	5962-8866906YA	7C439-30 (GEN)	5962-9232103MZA	CY7C460A-50/MYA	5962-9167702MYA
CY7C429-20KMB	5962-8866906UA	7C439-40 (GEN)	5962-9232102MXA	CY7C460A-50DMB	5962-9167702MXA
CY7C429-20LMB	5962-8866906ZA	7C439-40 (GEN)	5962-9232102MYA	CY7C460A-50LMB	5962-9167702MZA
CY7C429-25DMB	5962-8866907YA	7C439-40 (GEN)	5962-9232102MZA	CY7C460A-80/MYA	5962-9167701MYA
CY7C429-25KMB	5962-8866907UA	7C439-65 (GEN)	5962-9232101MXA	CY7C460A-80DMB	5962-9167701MXA
CY7C429-25LMB	5962-8866907ZA	7C439-65 (GEN)	5962-9232101MYA	CY7C460A-80LMB	5962-9167701MZA
CY7C429-30DMB	5962-8866905YA	7C439-65 (GEN)	5962-9232101MZA	7C462-20 (GEN)	5962-9300803MXA
CY7C429-30KMB	5962-8866905UA	7C441-14 (GEN)	5962-9456706QXA	7C462-20 (GEN)	5962-9300803MYA
CY7C429-30LMB	5962-8866905ZA	7C441-14 (GEN)	5962-9456706QYA	CY7C462A-20/MUA	5962-9317703MUA
CY7C429-40DMB	5962-8866904YA	7C441-20 (GEN)	5962-9456705QXA	CY7C462A-20DMB	5962-9317703MXA
CY7C429-40KMB	5962-8866904UA	7C441-20 (GEN)	5962-9456705QYA	CY7C462A-20KMB	5962-9317703MZA
CY7C429-40LMB	5962-8866904ZA	7C441-30 (GEN)	5962-9456704QXA	CY7C462A-20LMB	5962-9317703MYA
CY7C429-50DMB	5962-8866903YA	7C441-30 (GEN)	5962-9456704QYA	7C462-25 (GEN)	5962-9300802MXA
CY7C429-50KMB	5962-8866903UA	ISL74422ARHQF	5962F0152101QXC	7C462-25 (GEN)	5962-9300802MYA
CY7C429-50LMB	5962-8866903ZA	ISL74422ARHVF	5962F0152101VXC	CY7C462A-30/MUA	5962-9317702MUA
CY7C428-65DMB	5962-8866902XA	ISL74422ARHVX	5962F0152101V9A	CY7C462A-30DMB	5962-9317702MXA
CY7C429-65DMB	5962-8866902YA	ISL74422BRHQF	5962F0324801QXC	CY7C462A-30KMB	5962-9317702MZA
CY7C429-65KMB	5962-8866902UA	ISL74422BRHVF	5962F0324801VXC	CY7C462A-30LMB	5962-9317702MYA
CY7C429-65LMB	5962-8866902ZA	ISL74422BRHVX	5962F0324801V9A	7C462-40 (GEN)	5962-9300801MXA
CY7C429-80DMB	5962-8866901YA	7C443-14 (GEN)	5962-9456703QXA	7C462-40 (GEN)	5962-9300801MYA
CY7C429-80KMB	5962-8866901UA	7C443-14 (GEN)	5962-9456703QYA	CY7C462A-50/MUA	5962-9317701MUA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
CY7C462A-50DMB	5962-9317701MXA	V750-20 (GEN)	5962-9452403MLA	7Q512 (GEN)	5962D9960601TXA
CY7C462A-50KMB	5962-9317701MZA	QPV750-25DM/883	5962-8872603LA	7Q512 (GEN)	5962D9960602QXA
CY7C462A-50LMB	5962-9317701MYA	QPV750-25LM/883	5962-88726033A	7Q512 (GEN)	5962D9960602TXA
CY7C464A-15DMB	5962-9315207QXA	QPV750B-25DM/883	5962-8872610LA	UT7Q512-UCA	5962D9960601QUA
CY7C464A-15LMB	5962-9315207QYA	QPV750B-25LM/883	5962-88726103A	UT7Q512-UCA	5962D9960601TUA
7C464-20 (GEN)	5962-9315203MXA	QPV750BL-25DM/883	5962-8872612LA	UT7Q512-UCA	5962D9960602QUA
7C464-20 (GEN)	5962-9315203MYA	QPV750BL-25LM/883	5962-88726123A	UT7Q512-UCA	5962D9960602TUA
CY7C464A-20DMB	5962-9315206QXA	QPV750L-25DM/883	5962-8872607LA	UT7Q512-UCC	5962D9960601QUC
CY7C464A-20LMB	5962-9315206QYA	QPV750L-25LM/883	5962-88726073A	UT7Q512-UCC	5962D9960601TUC
7C464-25 (GEN)	5962-9315202MXA	V750 (GEN)	5962-8872603XA	UT7Q512-UCC	5962D9960602QUC
7C464-25 (GEN)	5962-9315202MYA	V750 (GEN)	5962-8872603YA	UT7Q512-UCC	5962D9960602TUC
CY7C464A-25DMB	5962-9315205QXA	V750-25 (GEN)	5962-9452402M3A	AD7524 (GEN)	5962-87700022A
CY7C464A-25LMB	5962-9315205QYA	V750-25 (GEN)	5962-9452402MLA	AD7524SE/883B	5962-87700012A
7C464-40 (GEN)	5962-9315201MXA	V750B (GEN)	5962-8872610YA	AD7524TQ/883B	5962-8770002EA
7C464-40 (GEN)	5962-9315201MYA	V750BL (GEN)	5962-8872612YA	AD7524UE/883B	5962-87700032A
CY7C464A-40DMB	5962-9315204QXA	V750L (GEN)	5962-8872607XA	AD7524UQ/883B	5962-8770003EA
CY7C464A-40LMB	5962-9315204QYA	V750L (GEN)	5962-8872607YA	MX7524SQ/883B	5962-8770001EA
CY7C466A-15LMB	5962-9961502QYA	V750L-25 (GEN)	5962-9452405M3A	AD7528S (GEN)	5962-87701012A
CY7C466A-25LMB	5962-9961501QYA	V750L-25 (GEN)	5962-9452405MLA	AD7528SQ/883B	5962-8770101RA
7C474-20 (GEN)	5962-9458803MXA	ATV750L-30GM/883	5962-9452404MLA	AD7528TE/883B	5962-87701022A
7C474-20 (GEN)	5962-9458803MYA	ATV750L-30NM/883	5962-9452404M3A	AD7528TQ/883B	5962-8770102RA
7C474-25 (GEN)	5962-9458802MXA	QPV750L-35DM/883	5962-8872606LA	AD7528UE/883B	5962-87701032A
7C474-25 (GEN)	5962-9458802MYA	QPV750L-35LM/883	5962-88726063A	AD7528UQ/883B	5962-8770103RA
7C474-40 (GEN)	5962-9458801MXA	V750L (GEN)	5962-8872606XA	7537S (GEN)	5962-87763013C
7C474-40 (GEN)	5962-9458801MYA	ATV750-35GM/883	5962-9452401MLA	7537S (GEN)	5962-8776301LA
HCTS75 (GEN)	5962R9576701V9A	ATV750-35NM/883	5962-9452401M3A	7537T (GEN)	5962-87763023C
HCTS75 (GEN)	5962R9576701VEC	QPV750-35DM/883	5962-8872602LA	7537T (GEN)	5962-8776302LA
HCTS75 (GEN)	5962R9576701VXC	QPV750-35LM/883	5962-88726023A	7537U (GEN)	5962-87763033C
UT75 (GEN)	5962R96B0214Q*C	V750 (GEN)	5962-8872602XA	7537U (GEN)	5962-8776303LA
UT75 (GEN)	5962R96B0214V*C	QPV750-40DM/883	5962-8872601LA	7541AS (GEN)	5962-89481012C
UT75E/R (GEN)	5962H96B0207Q*A	QPV750-40LM/883	5962-88726013A	7541AS (GEN)	5962-8948101VA
UT75E/R (GEN)	5962H96B0207V*A	V750 (GEN)	5962-8872601XA	7541AT (GEN)	5962-89481022A
UT75E/R_QCH	5962H97B0407QXC	ISL75051ASEHVF	5962R1121203VXC	AD7541AT (GEN)	5962-8948102VA
UT75E/R_VCH	5962H97B0407VXC	ISL75051ASEHVFE	5962R1121203VYC	PM7541AA (GEN)	5962-8948104VA
ATF750C-10GM/883	5962-0720101MLA	ISL75051ASEHVX	5962R1121203V9A	PM7541AB (GEN)	5962-89481032A
ATF750C-10NM/883	5962-0720101M3A	ISL75051SEHVF	5962R1121202VXC	PM7541AB (GEN)	5962-8948103VA
QPV750B-10DM/883	5962-8872608LA	ISL75051SEHVF	5962R1121202VYC	7545A (GEN)	5962-87702062A
QPV750B-10LM/883	5962-88726083A	ISL75051SEHVX	5962R1121202V9A	7545A (GEN)	5962-8770206RA
V750B (GEN)	5962-8872608YA	ISL75051SRHQF	5962R1121201QXC	7545AU (GEN)	5962-87702042A
ATF750C-15GM/883	5962-0720102MLA	ISL75051SRHVF	5962R1121201VXC	7545B (GEN)	5962-87702052A
ATF750C-15NM/883	5962-0720102M3A	ISL75051SRHVX	5962R1121201V9A	7545B (GEN)	5962-8770205RA
QPV750B-15DM/883	5962-8872609LA	ISL75052SEHVFE	5962R1322001VXC	7545S (GEN)	5962-87702012C
QPV750B-15LM/883	5962-88726093A	ISL75052SEHVX	5962R1322001V9A	7545S (GEN)	5962-8770207RA
QPV750BL-15DM/883	5962-8872611LA	TL751L05 (GEN)	5962-9166901Q2A	7545T (GEN)	5962-87702022C
QPV750BL-15LM/883	5962-88726113A	TL751L05 (GEN)	5962-9166901QPA	7545U (GEN)	5962-87702032C
V750B (GEN)	5962-8872609YA	TL751M05 (GEN)	5962-9583901Q2A	AD7545AUQ/883B	5962-8770204RA
V750BL-15 (GEN)	5962-8872611YA	TL751M05 (GEN)	5962-9583901QPA	AD7545SQ/883B	5962-8770201RA
QPV750-20DM/883	5962-8872604LA	TL751L12 (GEN)	5962-9167001Q2A	AD7545TQ/883B	5962-8770202RA
QPV750-20LM/883	5962-88726043A	TL751L12 (GEN)	5962-9167001QPA	AD7545UQ/883B	5962-8770203RA
V750 (GEN)	5962-8872604XA	TL751M12 (GEN)	5962-9584001Q2A	7547S (GEN)	5962-8965701LA
V750 (GEN)	5962-8872604YA	TL751M12 (GEN)	5962-9584001QPA	7547T (GEN)	5962-8965702LA
V750-20 (GEN)	5962-9452403M3A	7Q512 (GEN)	5962D9960601QXA	7547U (GEN)	5962-8965703LA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
AD7547TE/883B	5962-89657023A	AD766SD/883B	5962-9201601MEA	LX7710MDWC-Q	5962-1621001QXC
75C48S20 (GEN)	5962-88743013A	ICL7660 (GEN)	5962-3870702MGC	LX7710MDWC-V	5962-1621001VXC
75C48S20 (GEN)	5962-8874301XA	ICL7660AMJA/883B	5962-3870702MPA	SPT7710AM (GEN)	5962-9477101MXB
75C48SC30 (GEN)	5962-88743023A	ICL7667MJA/883B	5962-8766001PA	SPT7710AM (GEN)	5962-9477101MYC
75C48SC30 (GEN)	5962-8874302XA	ICL7667MJA/883B	5962-8766001PA	SPT7710BM (GEN)	5962-9477102MXB
AD7549S (GEN)	5962-8876501RA	ICL7667MTV/883B	5962-8766001GC	SPT7710BM (GEN)	5962-9477102MYC
AD7549TQ/883B	5962-8876502RA	AD767SD/883B	5962-8961701LA	SPT7725AM (GEN)	5962-9477103MXB
7555 (GEN)	5962-8950303PA	AD7672TQ05 (GEN)	5962-8965503LA	SPT7725AM (GEN)	5962-9477103MYC
ICM7555MTV/883	5962-8950303GA	AD7672UQ05 (GEN)	5962-8965504LA	SPT7725BM (GEN)	5962-9477104MXB
ICM7555MTV/883	5962-8950303GC	AD7672TQ10 (GEN)	5962-8965501LA	SPT7725BM (GEN)	5962-9477104MYC
7556 (GEN)	5962-8950304CA	AD7672UQ10 (GEN)	5962-8965502LA	LX7730MFQ-Q	5962-1721901QXC
AD7569S (GEN)	5962-8962901LA	AD768AF/QMLR	5962R0820101VZA	LX7730MFQ-V	5962-1721901VXC
AD7569SE/883B	5962-89629013A	7684AS (GEN)	5962-89777043A	TLC7733MFKB	5962-9750901Q2A
AD7569TQ/883B	5962-8962902LA	7684AS (GEN)	5962-8977704XA	TLC7733MJGB	5962-9750901QPA
AD7572SE05/883B	5962-87591043A	7684AT (GEN)	5962-89777033A	HI-774T (GEN)	5962-9958201QXC
AD7572SQ05/883B	5962-8759104LA	7684AT (GEN)	5962-8977703XA	OM7764 (GEN)	5962-0323801MYA
AD7572TE05/883B	5962-87591053A	7684S (GEN)	5962-89777023A	TL7770-12 (GEN)	5962-9093202M2A
AD7572TQ05/883B	5962-8759105LA	7684S (GEN)	5962-8977702XA	TL7770-12 (GEN)	5962-9093202MEA
AD7572U (GEN)	5962-87591063A	7684T (GEN)	5962-89777013A	TL7770-15 (GEN)	5962-9093203M2A
AD7572U (GEN)	5962-8759106LA	7684T (GEN)	5962-8977701XA	TL7770-15 (GEN)	5962-9093203MEA
AD7572 (GEN)	5962-87591013C	7690AS (GEN)	5962-8977706LA	TL7770-5 (GEN)	5962-9093201M2A
AD7572SQ12/883B	5962-8759101LA	7690AT (GEN)	5962-8977705LA	TL7770-5 (GEN)	5962-9093201MEA
AD7572T (GEN)	5962-87591023A	OP77A	5962-8773802GA	AD780 (GEN)	5962-9463601MPA
AD7572T (GEN)	5962-8759102LA	OP77A	5962-8773802PA	AD780 (GEN)	5962R9463602VXA
AD7572U (GEN)	5962-87591033A	OP77AJ/QMLV	5962-8773802VGA	7805 (GEN)	5962-87782015A
AD7572U (GEN)	5962-8759103LA	OP77AL/QMLV	5962-8773802VHA	7805 (GEN)	5962-87782016A
7574S (GEN)	5962-89616042C	OP77ARC/QMLV	5962-8773802V2A	7805 (GEN)	5962-8778201NA
7574T (GEN)	5962-89616032C	OP77AZ/QMLV	5962-8773802VPA	7805A (GEN)	5962-87782032A
7574T (GEN)	5962-8961603VA	OP77B	5962-87738012A	7805A (GEN)	5962-87782034A
MX7574SQ/883B	5962-8961604VA	OP77B (GEN)	5962-8773801GA	7805A (GEN)	5962F8778201UA
AD7575S (GEN)	5962-87762012A	OP77B (GEN)	5962-8773801PA	78M05 (GEN)	5962-87782022A
AD7575S (GEN)	5962-8776201VA	TL7702AM (GEN)	5962-88685022A	78M05 (GEN)	5962-8778202PA
AD7575T (GEN)	5962-87762022A	TL7702AM (GEN)	5962-8868502PA	78M05 (GEN)	5962-8778202XA
AD7575TQ/883B	5962-8776202VA	TL7702B (GEN)	5962-88685042A	IP7805AG-DESC	5962-8778201TA
AD7579SQ/883B	5962-8969801LA	TL7702B (GEN)	5962-8868504HA	IP7805AIG-DESC	5962-8778201UA
AD7580 (GEN)	5962-8969802LA	TL7702B (GEN)	5962-8868504PA	IP78M05AH-DESC	5962-8778201XA
OM7580 (GEN)	5962-0323701MXA	TL7705AM (GEN)	5962-88685012A	SDP7805ANHD	5962-9864301HNA
OM7580 (GEN)	5962-0323701MYA	TL7705AM (GEN)	5962-8868501PA	SDP7805ANHG	5962-9864301HNC
OM7581 (GEN)	5962-0323702MXA	TL7705B (GEN)	5962-88685032A	SDP7805ATHD	5962-9864301HTA
OM7581 (GEN)	5962-0323702MZA	TL7705B (GEN)	5962-8868503HA	SDP7805ATHG	5962-9864301HTC
OM7585 (GEN)	5962-0323703MMA	TL7705B (GEN)	5962-8868503PA	SDP7805AUHD	5962-9864301HUA
OM7585 (GEN)	5962-0323703MTA	TL7705B (GEN)	5962-88685052A	SDP7805AUHG	5962-9864301HUC
OM7585 (GEN)	5962-0323703MUA	TL7705B (GEN)	5962-8868505HA	SDP7805AZHD	5962-9864301HZA
LM759 (GEN)	5962-9086201MGA	TL7705B (GEN)	5962-8868505PA	SDP7805AZHG	5962-9864301HZC
LM760H/883	5962-8754501GA	TLC7705MFKB	5962-9751301Q2A	SG7805AG/883B	5962-8778201TA
LM760J/883	5962-8754501CA	TLC7705MJGB	5962-9751301QPA	SG7805AIG/883B	5962-8778201UA
7636AS (GEN)	5962-9174002MRA	TLC7705MUB	5962-9751301QHA	SG7805AK/883B	5962-8778201YA
7636AT (GEN)	5962-9174001MRA	LM7709AH/883	7800701GA	SG7805AL/883B	5962-87782012A
7645A (GEN)	5962-88778012A	LM7709AJ/883	7800701CA	SG7805AR/883B	5962-8778201ZA
7645A (GEN)	5962-8877801RA	LM7709AJ8/883	7800701PA	SG7805AT/883B	5962-8778201XA
7645B (GEN)	5962-88778022A	LM7709AW/883	7800701HA	SG7806AK/883B	5962-8962601YA
7645B (GEN)	5962-8877802RA	AD7710 (GEN)	5962-9676201QLA	SG7806AR/883B	5962-8962601ZA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
SG7806AT/883B	5962-8962601XA	AD7820TE/883B	5962-88650022A	ACT7881 (GEN)	5962-9562701NXD
SG7808AIG/883B	5962-8962801UA	AD7820TQ/883B	5962-8865002RA	ISL78840ASEHVD	5962R0724905VPC
SG7808AK/883B	5962-8962801YA	AD7820UE/883B	5962-88650012A	ISL78840ASEHVF	5962R0724905VXC
SG7808AR/883B	5962-8962801ZA	AD7820UJ/883B	5962-8865001RA	ISL78840ASEHVX	5962R0724905V9A
SG7808AT/883B	5962-8962801XA	DS78C20 (GEN)	5962-9321101MCA	ISL78840ASRHQD	5962R0724901QPC
7812A (GEN)	5962F8777601UA	SG7820AIG/883B	5962-9152301MUA	ISL78840ASRHQF	5962R0724901QXC
78M12 (GEN)	5962-87776022A	SG7820AK/883B	5962-9152301MYA	ISL78840ASRHVD	5962R0724901VPC
78M12 (GEN)	5962-8777602PA	SG7820AR/883B	5962-9152301MZA	ISL78840ASRHVF	5962R0724901VXC
78M12 (GEN)	5962-8777602XA	SG7820AT/883B	5962-9152301MXA	ISL78840ASRHVX	5962R0724901V9A
78M12A (GEN)	5962-8777601PA	AD7821TE/883B	5962-89518012A	ISL78841ASEHVD	5962R0724906VPC
IP7812AIG-DESC	5962-8777601UA	AD7821TQ/883B	5962-8951801RA	ISL78841ASEHVF	5962R0724906VXC
IP78M12AH-DESC	5962-8777601XA	AD7824TQ/883B	5962-8876401LA	ISL78841ASEHVX	5962R0724906V9A
SDP7812ANHD	5962-9961301HNA	AD7824UJ/883B	5962-8876402LA	ISL78841ASRHQD	5962R0724902QPC
SDP7812ANHG	5962-9961301HNC	SG7824AK/883B	5962-8855401YA	ISL78841ASRHQF	5962R0724902QXC
SDP7812ATHD	5962-9961301HTA	SG7824AR/883B	5962-8855401ZA	ISL78841ASRHVD	5962R0724902VPC
SDP7812ATHG	5962-9961301HTC	SG7824AT/883B	5962-8855401XA	ISL78841ASRHVF	5962R0724902VXC
SDP7812AUHD	5962-9961301HUA	AD7828TQ/883B	5962-8876403XA	ISL78841ASRHVX	5962R0724902V9A
SDP7812AUHG	5962-9961301HUC	AD7828UE/883B	5962-88764043A	ISL78843ASEHVD	5962R0724907VPC
SDP7812AZHD	5962-9961301HZA	AD7828UJ/883B	5962-8876404XA	ISL78843ASEHVF	5962R0724907VXC
SDP7812AZHG	5962-9961301HZC	MM78C29J/883	5962-9321001MCA	ISL78843ASEHVX	5962R0724907V9A
SG7812AG/883B	5962-8777601TA	MM78C29J/883	5962-9321001MCA	ISL78843ASRHQD	5962R0724903QPC
SG7812AIG/883B	5962-8777601UA	78C30 (GEN)	5962-8988201CA	ISL78843ASRHQF	5962R0724903QXC
SG7812AK/883B	5962-8777601YA	78C30 (GEN)	5962-8988201DA	ISL78843ASRHVD	5962R0724903VPC
SG7812AL/883B	5962-87776012A	DS7831 (GEN)	80041012A	ISL78843ASRHVF	5962R0724903VXC
SG7812AR/883B	5962-8777601ZA	DS7831 (GEN)	8004101EA	ISL78843ASRHVX	5962R0724903V9A
SG7812AT/883B	5962-8777601XA	DS7831 (GEN)	8004101FA	ISL78845ASEHVD	5962R0724908VPC
78C120 (GEN)	5962-8963001EA	DS7832E/883B	80041022A	ISL78845ASEHVF	5962R0724908VXC
7815A (GEN)	5962-88553014A	DS7832J/883B	8004102EA	ISL78845ASEHVX	5962R0724908V9A
7815A (GEN)	5962-8855301NA	DS7832W/883B	8004102FA	ISL78845ASRHQD	5962R0724904QPC
7815A (GEN)	5962F8855301UA	AD7837SQ/883B	5962-9451801MLA	ISL78845ASRHQF	5962R0724904QXC
IP7815AG-DESC	5962-8855301TA	LM78S40 (GEN)	5962-8876101EA	ISL78845ASRHQX	5962R0724904Q9A
IP7815AIG-DESC	5962-8855301UA	AD7846SD/883B	5962-8969701XA	ISL78845ASRHVF	5962R0724904TXC
IP7815AR-DESC	5962-8855301ZA	AD7846SE/883B	5962-89697013A	ISL78845ASRHVD	5962R0724904VPC
SDP7815ANHD	5962-9864001HNA	AD7847SQ/883B	5962-9451802MLA	ISL78845ASRHVF	5962R0724904VXC
SDP7815ANHG	5962-9864001HNC	ACPL-785E	5962-9755701EPC	ISL78845ASRHVX	5962R0724904V9A
SDP7815ATHD	5962-9864001HTA	ACPL-785E-100	5962-9755701EYA	7890Q-10 (GEN)	5962-9561501MLA
SDP7815ATHG	5962-9864001HTC	ACPL-785E-100	5962-9755701EYC	7890S-10 (GEN)	5962-9561501MJA
SDP7815AUHD	5962-9864001HUA	ACPL-785E-200	5962-9755701EPA	AD7892S (GEN)	5962-9684601QJA
SDP7815AUHG	5962-9864001HUC	ACPL-785E-300	5962-9755701EXA	AD7892SQ1/QML	5962-9684601QLA
SDP7815AZHD	5962-9864001HZA	HCPL-7851	5962-9755701HPC	7892-01 (GEN)	5962-9159901HZA
SDP7815AZHG	5962-9864001HZC	HCPL-7851#100	5962-9755701HYA	7892-02	5962-9159902HZA
SG7815AG/883B	5962-8855301TA	HCPL-7851#100	5962-9755701HYC	7892-03	5962-9159903HZA
SG7815AIG/883B	5962-8855301UA	HCPL-7851#200	5962-9755701HPA	AD7893SQ-10/883B	5962-9475501MPA
SG7815AK/883B	5962-8855301YA	HCPL-7851#300	5962-9755701HXA	AD7893SQ-2/883B	5962-9475502MPA
SG7815AL/883B	5962-88553012A	AD7870TE/883B	5962-9063201M3A	AD790S (GEN)	5962-9150501MPA
SG7815AR/883B	5962-8855301ZA	AD7870TQ/883B	5962-9063201MLA	7C901-27 (GEN)	5962-8853502QA
SG7815AT/883B	5962-8855301XA	7870-01	5962-9157901HZA	7C901-27 (GEN)	5962-8853502XA
SG7818AIG/883B	5962-8991501UA	7870-02	5962-9157902HZA	7C901-27 (GEN)	5962-8853502YA
SG7818AK/883B	5962-8991501YA	7870-03	5962-9157903HZA	7C901-32 (GEN)	5962-8853501QA
SG7818AL/883B	5962-89915012A	AD7874SE/883B	5962-9152101M3A	7C901-32 (GEN)	5962-8853501XA
SG7818AR/883B	5962-8991501ZA	AD7874SQ/883B	5962-9152101MXA	7C901-32 (GEN)	5962-8853501YA
SG7818AT/883B	5962-8991501XA	AD7876TQ/883B	5962-9317901MLA	7C901-35 (GEN)	5962-8853503YA



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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
7C901-35 (GEN)	5962-8853503YC	7C9116-40 (GEN)	5962-8861204UA	SDP7915ANHG	5962-9864101HNC
7905A (GEN)	5962-88746014A	7C9116-40 (GEN)	5962-8861204XA	SDP7915ATHD	5962-9864101HTA
7905A (GEN)	5962-88746015A	7C9116-40 (GEN)	5962-8861204YA	SDP7915ATHG	5962-9864101HTC
7905A (GEN)	5962-8874601NA	7C9116-65 (GEN)	5962-8861203UA	SDP7915AUHD	5962-9864101HUA
7905A (GEN)	5962F8874601UA	7C9116-65 (GEN)	5962-8861203XA	SDP7915AUHG	5962-9864101HUC
790M5 (GEN)	7704001YA	7C9116-65 (GEN)	5962-8861203YA	SDP7915AZHD	5962-9864101HZA
79M05 (GEN)	77040012A	7C9116-75 (GEN)	5962-8861202UA	SDP7915AZHG	5962-9864101HZC
79M05 (GEN)	7704001HA	7C9116-75 (GEN)	5962-8861202XA	SG7915AG/883B	5962-8874801TA
79M05 (GEN)	7704001PA	7C9116-75 (GEN)	5962-8861202YA	SG7915AIG/883B	5962-8874801UA
79M05 (GEN)	7704001XA	7C9116-99 (GEN)	5962-8861201UA	SG7915AK/883B	5962-8874801YA
SDP7905ANHD	5962-9864201HNA	7C9116-99 (GEN)	5962-8861201XA	SG7915AL/883B	5962-88748012A
SDP7905ANHG	5962-9864201HNC	7C9116-99 (GEN)	5962-8861201YA	SG7915AR/883B	5962-8874801ZA
SDP7905ATHD	5962-9864201HTA	7912A (GEN)	5962F8874701UA	SG7915AT/883B	5962-8874801XA
SDP7905ATHG	5962-9864201HTC	AT7912E (GEN)	5962-08A0201QXC	7B923 (GEN)	5962-9689501Q3A
SDP7905AUHD	5962-9864201HUA	AT7912E (GEN)	5962-08A0201VXC	IP7924 (GEN)	5962-8874901XA
SDP7905AUHG	5962-9864201HUC	AT7912FKF-MQ	5962-08A0202QXC	IP7924 (GEN)	5962-8874901YA
SDP7905AZHD	5962-9864201HZA	AT7912FKF-SV	5962-08A0202VXC	IP7924 (GEN)	5962-8874901ZA
SDP7905AZHG	5962-9864201HZC	IP7912AG-DESC	5962-8874701TA	79R3081E-25 (GEN)	5962-9455001MXC
SG7905AG/883B	5962-8874601TA	IP7912AIG-DESC	5962-8874701UA	7B933 (GEN)	5962-9689601Q3A
SG7905AIG/883B	5962-8874601UA	SDP7912ANHD	5962-9961401HNA	7968-125V (GEN)	5962-9052701M3A
SG7905AK/883B	5962-8874601YA	SDP7912ANHG	5962-9961401HNC	7968-125V (GEN)	5962-9052701MXA
SG7905AL/883B	5962-88746012A	SDP7912ATHD	5962-9961401HTA	7968-125V (GEN)	5962-9052701QXA
SG7905AR/883B	5962-8874601ZA	SDP7912ATHG	5962-9961401HTC	7969-125V (GEN)	5962-9052801M3A
SG7905AT/883B	5962-8874601XA	SDP7912AUHD	5962-9961401HUA	7969-125V (GEN)	5962-9052801MXA
T7905E (GEN)	5962-02A0901QXC	SDP7912AUHG	5962-9961401HUC	7969-125V (GEN)	5962-9052801Q7A
T7905E (GEN)	5962-02A0901VXC	SDP7912AZHD	5962-9961401HZA	7969-125V (GEN)	5962-9052801QXA
T7906E (GEN)	5962-02A0201QXC	SDP7912AZHG	5962-9961401HZC	AD797S (GEN)	5962-9313301MPA
T7906E (GEN)	5962-02A0201VXC	SG7912AG/883B	5962-8874701TA	7B991-7 (GEN)	5962-9452201MXA
AT7908E (GEN)	5962-03A0601QXC	SG7912AIG/883B	5962-8874701UA	7B992 (GEN)	5962-9311201MXA
AT7908E (GEN)	5962-03A0601VXC	SG7912AK/883B	5962-8874701YA	UT7R995C-QDIE	5962R0521403Q9A
SG7908AG/883B	5962-8987001TA	SG7912AL/883B	5962-88747012A	UT7R995C-VDIE	5962R0521403V9A
SG7908AIG/883B	5962-8987001UA	SG7912AR/883B	5962-8874701ZA	UT7R995C-XCA	5962R0521403QXA
SG7908AK/883B	5962-8987001YA	SG7912AT/883B	5962-8874701XA	UT7R995C-XCA	5962R0521403VXA
SG7908AR/883B	5962-8987001ZA	AT7913E2H-MQ	5962-10A0301QXB	UT7R995C-XCC	5962R0521403QXC
SG7908AT/883B	5962-8987001XA	AT7913E2H-SR	5962R10A0301VXB	UT7R995C-XCC	5962R0521403VXC
AT7910EKB-MG	5962-09A0301QXC	AT7913E2H-SV	5962-10A0301VXB	UT7R995C-XWA	5962R0521404QXA
AT7910EKB-SR	5962R09A0301VXC	AT7913E2U-MQ	5962-10A0301QYC	UT7R995C-XWA	5962R0521404VXA
AT7910EKB-SV	5962-09A0301VXC	AT7913E2U-SR	5962R10A0301VYC	UT7R995C-XWC	5962R0521404QXC
7C9101-35 (GEN)	5962-8951702UA	AT7913E2U-SV	5962-10A0301VYC	UT7R995C-XWC	5962R0521404VXC
7C9101-35 (GEN)	5962-8951702XA	AT7913EYC-MQ	5962-10A0301QZC	UT7R995-QDIE	5962R0521401Q9A
7C9101-35 (GEN)	5962-8951702YA	AT7913EYC-SR	5962R10A0301VZC	UT7R995-QDIE	5962R0521402Q9A
7C9101-35 (GEN)	5962-8951702ZA	AT7913EYC-SV	5962-10A0301VZC	UT7R995-QDIE	5962R0521404Q9A
7C9101-45 (GEN)	5962-8951701TA	L7913DIE2V	5962F0253201V9A	UT7R995-VDIE	5962R0521401V9A
7C9101-45 (GEN)	5962-8951701UA	RHFL7913KPA-01Q	5962F0253201QXC	UT7R995-VDIE	5962R0521402V9A
7C9101-45 (GEN)	5962-8951701VA	RHFL7913KPA-01V	5962F0253201VXC	UT7R995-VDIE	5962R0521404V9A
7C9101-45 (GEN)	5962-8951701XA	RHFL7913KPA-02Q	5962F0253201QXA	UT7R995-XCA	5962R0521401QXA
7C9101-45 (GEN)	5962-8951701YA	RHFL7913KPA-02V	5962F0253201VXA	UT7R995-XCA	5962R0521401VXA
7C9101-45 (GEN)	5962-8951701ZA	RHFL7913SCA-03V	5962F0253202VYC	UT7R995-XCC	5962R0521401QXC
7C910-51 (GEN)	5962-8770804QA	7915A (GEN)	5962F8874801UA	UT7R995-XCC	5962R0521401VXC
7C910-51 (GEN)	5962-8770804UA	IP7915AIG-DESC	5962-8874801UA	UT7R995-XWA	5962R0521402QXA
AT7911EFA-MQ	5962-08A0101QXC	IP7915AR-DESC	5962-8874801ZA	UT7R995-XWA	5962R0521402VXA
AT7911EFA-SV	5962-08A0101VXC	SDP7915ANHD	5962-9864101HNA	UT7R995-XWC	5962R0521402QXC

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
UT7R995-XWC	5962R0521402VXC	80C196KB (GEN)	5962-8998201ZA	80C286-12 (GEN)	5962-9067802MXC
HDAS-8/883	5962-8851403XA	UT80C196 (GEN)	5962-9858301QXA	802866 (GEN)	5962-8514802XA
HDAS-8/883	5962-8851403XC	UT80C196 (GEN)	5962-9858302QXA	802866 (GEN)	5962-8514802YA
NSC800 (GEN)	8301301QA	UT80CRH196 (GEN)	5962F0252301Q9A	802868 (GEN)	5962-8514801XA
NSC800 (GEN)	8301301ZA	UT80CRH196 (GEN)	5962F0252301QXA	802868 (GEN)	5962-8514801YA
AD8001S (GEN)	5962-9459301VHA	UT80CRH196 (GEN)	5962F0252301V9A	8028710 (GEN)	5962-8513301QA
AD8001S (GEN)	5962-9459301VPA	UT80CRH196 (GEN)	5962F0252302Q9A	80C28710 (GEN)	5962-9065601MQA
AD8001SL/QMLL	5962L9459302VHA	UT80CRH196 (GEN)	5962F0252302QXA	802875 (GEN)	5962-8513303QA
AD8001SL/QMLR	5962R9459301VHA	UT80CRH196 (GEN)	5962F0252302V9A	802878 (GEN)	5962-8513302QA
AD8001SQ/883	5962-9459301MPA	UT80CRH196 (GEN)	5962F0252302VXA	Z8030 (GEN)	5962-8551802QA
AD8001SQ/QMLR	5962R9459301VPA	UT80CRH196 (GEN)	5962R9858301Q9A	Z8030 (GEN)	5962-8551802YA
Z8001ACPU (GEN)	8000303ZA	UT80CRH196 (GEN)	5962R9858301QXA	Z8030A (GEN)	5962-8551801QA
Z8001B (GEN)	8000304ZA	UT80CRH196 (GEN)	5962R9858301V9A	Z8030A (GEN)	5962-8551801YA
Z8001CPU (GEN)	8000301ZA	UT80CRH196 (GEN)	5962R9858301VXA	80C31BH (GEN)	5962-8506401MYA
Z0800206CMB	8000306QA	UT80CRH196 (GEN)	5962R9858302Q9A	80C31BH (GEN)	5962-8506401NUA
Z0800206LMB	8000306YA	UT80CRH196 (GEN)	5962R9858302QXA	80C31BH (GEN)	5962-8506401NVA
NSC800 (GEN)	8301302QA	UT80CRH196 (GEN)	5962R9858302V9A	80C31BH (GEN)	5962-8506405NUA
NSC800 (GEN)	8301302ZA	UT80CRH196 (GEN)	5962R9858302VXA	80C31BH (GEN)	5962-8506405NVA
MSK801B	5962-9157401HXC	UT80CRH196KDS-QCD	5962R0252301Q9A	80C31BH (GEN)	8506401QA
RHR801D2V	5962R1021501V9C	UT80CRH196KDS-QW	5962F0252303Q9A	80C31BH (GEN)	8506401XA
RHR801K01V	5962R1021501VXC	UT80CRH196KDS-QW	5962F0252304Q9A	80C31BH (GEN)	8506401YA
Z8018008 (GEN)	5962-9453701MXA	UT80CRH196KDS-QW	5962R0252302Q9A	80C31BH/BMA	5962-8506401MMA
80C186XL10 (GEN)	5962-8850106ZA	UT80CRH196KDS-VCD	5962R0252301V9A	80C31BH/BQA	5962-8506401MQA
MG80C186-10/BZA	5962-8850101ZA	UT80CRH196KDS-VW	5962F0252303V9A	80C31BH/BUA	5962-8506401MXA
MG80C186-10/BZC	5962-8850101ZC	UT80CRH196KDS-VW	5962F0252304V9A	QP80C31BH/BMA	5962-8506401MMA
MQ80C186-10/BYA	5962-8850101YA	UT80CRH196KDS-VW	5962R0252302V9A	QP80C31BH/BQA	5962-8506401MQA
MQ80C186-10/BYC	5962-8850101YC	UT80CRH196KDS-WC	5962-0252301QXA	QP80C31BH/BUA	5962-8506401MXA
80C186XL12 (GEN)	5962-8850105ZA	UT80CRH196KDS-WC	5962R0252301QXA	80C31BH16 (GEN)	8506403QA
MG80C186-12/BZA	5962-8850102ZA	UT80CRH196KDS-WC	5962R0252301VXA	80C31BH16 (GEN)	8506403XA
MG80C186-12/BZC	5962-8850102ZC	UT80CRH196KDS-WC	5962-0252301QXC	80C31BH-16 (GEN)	5962-8506403MYA
MQ80C186-12/BYA	5962-8850102YA	UT80CRH196KDS-WC	5962R0252301QXC	80C31BH-16 (GEN)	5962-8506403NUA
MQ80C186-12/BYC	5962-8850102YC	UT80CRH196KDS-WC	5962R0252301VXC	80C31BH-16 (GEN)	5962-8506403NVA
80C186 (GEN)	5962-9310902MXA	UT80CRH196KDS-WW	5962-0252302QXA	80C31BH-16 (GEN)	5962-8506407NUA
80C186 (GEN)	5962-9310903MXA	UT80CRH196KDS-WW	5962F0252303QXA	80C31BH-16 (GEN)	5962-8506407NVA
80C186XL16 (GEN)	5962-8850104ZA	UT80CRH196KDS-WW	5962F0252303VXA	80C31BH-16 (GEN)	8506403YA
80C186XL20 (GEN)	5962-8850103ZA	UT80CRH196KDS-WW	5962F0252304QXA	80C31BH-16/BMA	5962-8506403MMA
MG80186-6/BZA	8501002ZA	UT80CRH196KDS-WW	5962F0252304VXA	80C31BH-16/BQA	5962-8506403MQA
MG80186-6/BZC	8501002ZC	UT80CRH196KDS-WW	5962R0252302QXA	80C31BH-16/BUA	5962-8506403MXA
MQ80186-6/BYA	8501002YA	UT80CRH196KDS-WW	5962R0252302VXA	QP80C31BH-16/BMA	5962-8506403MMA
MQ80186-6/BYC	8501002YC	UT80CRH196KDS-WW	5962-0252302QXC	QP80C31BH-16/BQA	5962-8506403MQA
80C186 (GEN)	5962-9310901MXA	UT80CRH196KDS-WW	5962F0252303QXC	QP80C31BH-16/BUA	5962-8506403MXA
MG80186-8/BZA	8501001ZA	UT80CRH196KDS-WW	5962F0252303VXC	MPD8032 (GEN)	5962-9553001MEA
MG80186-8/BZC	8501001ZC	UT80CRH196KDS-WW	5962F0252304QXC	MPD8032 (GEN)	5962-9553002MEA
MQ80186-8/BYA	8501001YA	UT80CRH196KDS-WW	5962F0252304VXC	MC80C32E-30MQ	5962-0051801QQC
MQ80186-8/BYC	8501001YC	UT80CRH196KDS-WW	5962R0252302QXC	MJ80C32E-30MQ	5962-0051801QXC
80C18710 (GEN)	5962-8944901QA	UT80CRH196KDS-WW	5962R0252302VXC	SC80C32E-30SV	5962-0051801VQC
80C18710 (GEN)	5962-8944901XA	80C196KB-12 (GEN)	5962-8998202YA	SJ80C32E-30SV	5962-0051801VXC
80C18712 (GEN)	5962-8944902QA	80C196KB-12 (GEN)	5962-8998202ZA	8035AHL (GEN)	5962-8856801QA
80C18712 (GEN)	5962-8944902XA	8028610 (GEN)	5962-8514803XA	AD8036SQ/883	5962-9559701MPA
80C18716 (GEN)	5962-8944903QA	8028610 (GEN)	5962-8514803YA	Z8036ACMB	8551701QA
80C18716 (GEN)	5962-8944903XA	80C286-10 (GEN)	5962-9067801MXC	Z8036ALMB	8551701YA
80C196KB (GEN)	5962-8998201YA	80C286-10 (GEN)	5962-9067801MYA	Z8036CMB	8551702QA

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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
Z8036LMB	8551702YA	80486DX (GEN)	5962-9583704NXA	80C51BH-16 (GEN)	5962-8506404MXA
8038 (GEN)	5962-8877201CA	80486DX (GEN)	5962-9583704NYA	80C51BH-16 (GEN)	5962-8506404MYA
80386-12 (GEN)	5962-8766802MXA	80486DX (GEN)	5962-9583705NXA	80C51BH-16 (GEN)	5962-8506404NUA
80386-12 (GEN)	5962-8766802MYA	80486DX (GEN)	5962-9583705NYA	80C51BH-16 (GEN)	5962-8506404NVA
80386-12 (GEN)	5962-8766802XA	80486DX (GEN)	5962-9583706NXA	80C51BH-16 (GEN)	5962-8506408NUA
80386-12 (GEN)	5962-8766802YA	80486DX (GEN)	5962-9583706NYA	80C51BH-16 (GEN)	5962-8506408NVA
8038616 (GEN)	5962-8766801MXA	80486 (GEN)	5962-9310501MXA	80C51BH-16 (GEN)	8506404YA
8038616 (GEN)	5962-8766801MYA	80486 (GEN)	5962-9310501MYA	80C51FB (GEN)	5962-9097602MTA
8038616 (GEN)	5962-8766801XA	80486 (GEN)	5962-9310505QXA	80C51FB (GEN)	5962-9097602MUA
8038616 (GEN)	5962-8766801YA	80486 (GEN)	5962-9310503QXA	80C51FB (GEN)	5962-9097602MXA
80386SX (GEN)	5962-9453301MXA	80486 (GEN)	5962-9310503QYA	80C51FB (GEN)	5962-9097602MZA
8038620 (GEN)	5962-8766803MXA	80486 (GEN)	5962-9310507QXA	HS-80C85 (GEN)	5962R9582401VQC
8038620 (GEN)	5962-8766803MYA	80486 (GEN)	5962-9310507QYA	HS-80C85 (GEN)	5962R9582401VXC
8038620 (GEN)	5962-8766803XA	80486 (GEN)	5962-9310509NXA	MD8085AH/BQA	7901001QA
8038620 (GEN)	5962-8766803YA	80486 (GEN)	5962-9310509NYA	HS-80C85 (GEN)	5962R9582401QXC
80386-20 (GEN)	5962-8766803QXA	80486 (GEN)	5962-9310504QXA	HS-80C85RH (GEN)	5962R9582401QQ
80386-20 (GEN)	5962-8766803QYA	80486 (GEN)	5962-9310504QYA	80C86 (GEN)	8405201QA
80386SX (GEN)	5962-9453302MXA	80486 (GEN)	5962-9310508QXA	80C86 (GEN)	8405201XA
8038625 (GEN)	5962-8766804MXA	80486 (GEN)	5962-9310508QYA	HS1-80C86RH-8	5962R9572201QQ
8038625 (GEN)	5962-8766804MYA	80486 (GEN)	5962-9310510NXA	HS1-80C86RH-Q	5962R9572201VQC
8038625 (GEN)	5962-8766804XA	80486 (GEN)	5962-9310510NYA	HS9-80C86RH-8	5962R9572201QXC
8038625 (GEN)	5962-8766804YA	80486 (GEN)	5962-9310502MXA	HS9-80C86RH-Q	5962R9572201VXC
80386-25 (GEN)	5962-8766804QXA	80486 (GEN)	5962-9310502MYA	80860 (GEN)	5962-9453201MXA
80386-25 (GEN)	5962-8766804QYA	80486 (GEN)	5962-9310506QXA	80860 (GEN)	5962-9453201MYA
80386EX (GEN)	5962-9557001QXA	8050250 (GEN)	5962-9457801QXC	80860 (GEN)	5962-9453202MXA
80386EX (GEN)	5962-9557001QYA	8050250 (GEN)	5962-9457802NXC	80860 (GEN)	5962-9453202MYA
80386EX (GEN)	5962-9557002NXA	8050250 (GEN)	5962-9457803NXC	80860 (GEN)	5962-9453203MXA
80386EX (GEN)	5962-9557002NYA	8050260 (GEN)	5962-9457804QXC	80860 (GEN)	5962-9453203MYA
8038716 (GEN)	5962-8953401MXA	8050260 (GEN)	5962-9457805NXC	80C86-2 (GEN)	8405202XA
8038716 (GEN)	5962-8953401MYA	8050260 (GEN)	5962-9457806NXC	80C86-2/883	8405202QA
8038720 (GEN)	5962-8953402MXA	8050266 (GEN)	5962-9457807QXC	80C86/7 (GEN)	5962-9672801VQC
8038720 (GEN)	5962-8953402MYA	8050266 (GEN)	5962-9457808NXC	MD8087/BQA	5962-8854702QA
80387-20 (GEN)	5962-8953402QYA	8050266 (GEN)	5962-9457809NXC	MD8087-2/BQA	5962-8854701QA
8038725 (GEN)	5962-8953403MXA	80C51 (GEN)	5962-8506402MQA	8088 (GEN)	5962-8768501QA
8038725 (GEN)	5962-8953403MYA	80C51BH (GEN)	5962-8506402MMA	80C88 (GEN)	5962-8601601QA
80387-25 (GEN)	5962-8953403QYA	80C51BH (GEN)	5962-8506402MXA	80C88 (GEN)	5962-8601601XA
AD8041SL/QMLL	5962L9683903VHA	80C51BH (GEN)	5962-8506402MYA	80960MX (GEN)	5962-9556901QYA
AD8041SL/QMLR	5962R9683902VHA	80C51BH (GEN)	5962-8506402NUA	80960MC16 (GEN)	5962-9094601MXA
AD8041SQ/883	5962-9683901MPA	80C51BH (GEN)	5962-8506402NVA	80960MC16 (GEN)	5962-9094601MYA
AD8041SQ/QMLR	5962R9683902VPA	80C51BH (GEN)	5962-8506406NUA	80960XA16 (GEN)	5962-9094604MXA
80C451 (GEN)	5962-8972601MMA	80C51BH (GEN)	5962-8506406NVA	80960XA16 (GEN)	5962-9094604MYA
80C451 (GEN)	5962-8972601MUA	80C51BH (GEN)	8506402QA	80960MC20 (GEN)	5962-9094602MXA
80C451 (GEN)	5962-8972601MXA	80C51BH (GEN)	8506402XA	80960MC20 (GEN)	5962-9094602MYA
80C451 (GEN)	5962-8972601UA	80C51BH (GEN)	8506402YA	80960XA20 (GEN)	5962-9094605MXA
80C451 (GEN)	5962-8972601XA	80C51FB (GEN)	5962-9097601MTA	80960XA20 (GEN)	5962-9094605MYA
8048AH (GEN)	5962-8856802QA	80C51FB (GEN)	5962-9097601MUA	80960MC25 (GEN)	5962-9094603MXA
80486DX (GEN)	5962-9583701QXA	80C51FB (GEN)	5962-9097601MXA	80960MC25 (GEN)	5962-9094603MYA
80486DX (GEN)	5962-9583701QYA	80C51FB (GEN)	5962-9097601MZA	80960XA25 (GEN)	5962-9094606MXA
80486DX (GEN)	5962-9583702QXA	80C51 (GEN)	5962-8506404MQA	80960XA25 (GEN)	5962-9094606MYA
80486DX (GEN)	5962-9583702QYA	80C51BH16 (GEN)	8506404QA	MG8097/BZA	8506301ZA
80486DX (GEN)	5962-9583703NXA	80C51BH16 (GEN)	8506404XA	MG8097BH/BZA	5962-8959601ZA
80486DX (GEN)	5962-9583703NYA	80C51BH-16 (GEN)	5962-8506404MMA	MG8097BH/BZC	5962-8959601ZC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MQ8097/BYA	8506301YA	MD8155H/BQA	5962-8759301QA	ICL8212 (GEN)	5962-8984202GC
MQ8097BH/BYA	5962-8959601YA	HS-81C55 (GEN)	5962R9676601QXC	MAX8212 (GEN)	5962-9081102MGC
MQ8097BH/BYC	5962-8959601YC	HS-81C55 (GEN)	5962R9676601QYC	MAX8212 (GEN)	5962-9081102MHA
AD810SQ/883B	5962-9313201MPA	8156 (GEN)	5962-8759302QA	MAX8212 (GEN)	5962-9081102MPA
EL8102 (GEN)	5962-0623501QPC	HS-81C56 (GEN)	5962R9676602VXC	MAX8212 (GEN)	5962-9081102MXC
8Q1024 (GEN)	5962L0153201QYA	HS-81C56 (GEN)	5962R9676602VYC	SL82S123A/BEA	5962-8670301EA
8Q1024 (GEN)	5962L0153201TYA	HS-81C56 (GEN)	5962R9676602QXC	SL82S123A/BFA	5962-8670301FA
EL8103 (GEN)	5962-0623502QPC	HS-81C56 (GEN)	5962R9676602QYC	SL82S123B/BEA	5962-8670302EA
EL8108 (GEN)	5962-0721201QXC	816256CA20 (GEN)	5962-9679503MXA	SL82S123B/BFA	5962-8670302FA
AD811SE/883B	5962-9313101M2A	816256CA20 (GEN)	5962-9679503MYA	HS-82C12 (GEN)	5962R9581801QJC
AD811SQ/883B	5962-9313101MPA	816256LPA20 (GEN)	5962-9679506MXA	HS-82C12 (GEN)	5962R9581801QXC
81188 (GEN)	5962-9473301MXC	816256LPA20 (GEN)	5962-9679506MYA	82S129 (GEN)	5962-8778801EA
UT8R128K32-15WCA	5962F0323601QXA	816256CA25 (GEN)	5962-9679502MXA	82S129 (GEN)	5962-8778801FA
UT8R128K32-15WCA	5962F0323601VXA	816256CA25 (GEN)	5962-9679502MYA	82S129A (GEN)	5962-87788022A
UT8R128K32-15WCC	5962F0323601QXC	816256LPA25 (GEN)	5962-9679505MXA	82S129A (GEN)	5962-8778802EA
UT8R128K32-15WCC	5962F0323601VXC	816256LPA25 (GEN)	5962-9679505MYA	82S129A (GEN)	5962-8778802FA
UT8R128K32-15WWA	5962F0323602QXA	816256CA35 (GEN)	5962-9679501MXA	82S141/B3A	78016013A
UT8R128K32-15WWA	5962F0323602VXA	816256CA35 (GEN)	5962-9679501MYA	82S141/BJA	7801601JA
UT8R128K32-15WWC	5962F0323602QXC	816256LPA35 (GEN)	5962-9679504MXA	82S141/BKA	7801601KA
UT8R128K32-15WWC	5962F0323602VXC	816256LPA35 (GEN)	5962-9679504MYA	SL82S141/B3A	78016013A
AD813SE/883	5962-9559601M2A	AD8182AM/QMLL	5962L1021102VDA	SL82S141/BJA	7801601JA
MAX813L (GEN)	5962-9326705M2C	AD8182AM/QMLR	5962R1021101VDA	SL82S141/BKA	7801601KA
MAX813LMJA/883B	5962-9326705MPA	EL8202 (GEN)	5962-0721301QHC	82S153A (GEN)	5962-87682012A
AS8FLC1M32BP-100	5962-0920502HYA	EL8202 (GEN)	5962-0721301QXC	82S153A (GEN)	5962-8768201M2A
AS8FLC1M32BP-100	5962-0920502HYC	EL8203 (GEN)	5962-0721302QHC	82S153A (GEN)	5962-8768201MRA
AS8FLC1M32BQ-100	5962-0920502HXA	EL8203 (GEN)	5962-0721302QXC	82S153A (GEN)	5962-8768201MSA
AS8FLC1M32BQ-100	5962-0920502HXC	HS-82C08 (GEN)	5962R9571401QRC	82S153A (GEN)	5962-8768201RA
AS8FLC1M32BP-120	5962-0920501HYA	HS-82C08 (GEN)	5962R9571401QXC	82S153A (GEN)	5962-8768201SA
AS8FLC1M32BP-120	5962-0920501HYC	HS-82C08 (GEN)	5962R9571401VRC	SL82S16/BEA	8602301EA
AS8FLC1M32BQ-120	5962-0920501HXA	HS-82C08 (GEN)	5962R9571401VXC	SL82S16/BFA	8602301FA
AS8FLC1M32BQ-120	5962-0920501HXC	AD8210AF/QMLL	5962L1223302VXA	82S181-50 (GEN)	5962-0320201QXA
UT8ER1M32M-21XFC	5962R1020201QXC	AD8210AF/QMLR	5962R1223301VXA	82188 (GEN)	5962-8767201YA
UT8ER1M32M-21XFC	5962R1020201VXC	82S105 (GEN)	5962-86709023A	82S191-50 (GEN)	5962-0320302Q3A
UT8ER1M32M-21XFC	5962R1020203QXC	82S105 (GEN)	5962-8670902XA	82S191-50 (GEN)	5962-0320302QJA
UT8ER1M32S-21XFC	5962R1020202QXC	82S105 (GEN)	5962-8670902YA	82S191-50 (GEN)	5962-0320302QKA
UT8ER1M32S-21XFC	5962R1020202VXC	82S105/B3A	5962-86709013A	82S191-50 (GEN)	5962-0320302QLA
UT8ER1M32S-21XFC	5962R1020204QXC	82S105/BXA	5962-8670901XA	82S191-50 (GEN)	5962-0320302QXA
AS8FLC1M32BP-70	5962-0920504HYA	82S105/BYA	5962-8670901YA	82S191-65 (GEN)	5962-0320301Q3A
AS8FLC1M32BP-70	5962-0920504HYC	SL82S105/B3A	5962-86709013A	82S191-65 (GEN)	5962-0320301QJA
AS8FLC1M32BQ-70	5962-0920504HXA	SL82S105/BXA	5962-8670901XA	82S191-65 (GEN)	5962-0320301QKA
AS8FLC1M32BQ-70	5962-0920504HXC	SL82S105/BYA	5962-8670901YA	82S191-65 (GEN)	5962-0320301QLA
AS8FLC1M32BP-90	5962-0920503HYA	ICL8211MTY/883B	5962-8984201GA	82S191-65 (GEN)	5962-0320301QXA
AS8FLC1M32BP-90	5962-0920503HYC	ICL8211MTY/883B	5962-8984201GC	AD822S (GEN)	5962-9320901MPA
AS8FLC1M32BQ-90	5962-0920503HXA	MAX8211 (GEN)	5962-9081101MGC	DAC8221A (GEN)	5962-89671013A
AS8FLC1M32BQ-90	5962-0920503HXC	MAX8211 (GEN)	5962-9081101MHA	DAC8221AW	5962-8967101LA
AD8138AL/QMLL	5962L0922002VHA	MAX8211 (GEN)	5962-9081101MXC	SL82S212/BWA	5962-8770301WA
AD8138AL/QMLR	5962R0922001VHA	MAX8211MJA/883B	5962-9081101MPA	DAC8222A (GEN)	5962-8967201LA
UT8R1M39-21XFC	5962R1020501QXC	AD8212AL/QMLL	5962L0924402VHA	82C237 (GEN)	5962-9054304MQA
UT8R1M39-21XFC	5962R1020501VXC	AD8212AL/QMLR	5962R0924401VHA	82C237 (GEN)	5962-9054304MXA
UT8R1M39-21XFC	5962R1020502QXC	HS-82C12 (GEN)	5962R9581801V9A	82C237-12 (GEN)	5962-9054305MQA
HS-81C55 (GEN)	5962R9676601VXC	HS-82C12 (GEN)	5962R9581801VJC	82C237-12 (GEN)	5962-9054305MXA
HS-81C55 (GEN)	5962R9676601VYC	HS-82C12 (GEN)	5962R9581801VXC	82C28410 (GEN)	5962-8773401VA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
82C2846 (GEN)	5962-8773403VA	82C37A-5 (GEN)	5962-9054301MQA	MD82C59A/B	5962-8501602YA
82C2848 (GEN)	5962-8773402VA	82C37A-5 (GEN)	5962-9054301MXA	MR8259A/B3A	5962-87518013A
82C28810 (GEN)	5962-9099703MRA	HS-82C37A (GEN)	5962R9582101QQ	MR82C59A/B	5962-85016023A
82288-6 (GEN)	5962-8514901RA	HS-82C37A (GEN)	5962R9582101QXC	82C59A-5 (GEN)	5962-85016013A
82C2886 (GEN)	5962-9099701MRA	8238016 (GEN)	5962-8959301YA	MD82C59A-5B	5962-8501601YA
82288-8 (GEN)	5962-8514902RA	8238016 (GEN)	5962-8959301ZA	82596 (GEN)	5962-9454201QYA
82C2888 (GEN)	5962-9099702MRA	8238020 (GEN)	5962-8959302YA	MD82C59A/7	5962-9571801VXC
AD8229AF/QMLL	5962L1420502VXA	8238020 (GEN)	5962-8959302ZA	MX-826/883	5962-9450601HXC
AD8229AF/QMLR	5962R1420501VXA	8238025 (GEN)	5962-8959303YA	SL82S62/BCA	5962-8754301CA
UT8SP2M32-MSFA	5962R1521201QYF	8238025 (GEN)	5962-8959303ZA	SL82S62/BDA	5962-8754301DA
UT8SP2M32-MSFA	5962R1521202QYF	8238412 (GEN)	5962-8766902VA	82HS641A (GEN)	82009023A
UT8SP2M32-MSFA	5962R1521401QYF	8238416 (GEN)	5962-8766901VA	82HS641A (GEN)	8200902JA
UT8SP2M32-MSFA	5962R1521402QYF	UT8R2M39-22XFC	5962R1020601QXC	82HS641B (GEN)	82009033A
UT8SP2M32-MZFC	5962R1521201QXC	UT8R2M39-22XFC	5962R1020601VXC	82HS641B (GEN)	8200903JA
UT8SP2M32-MZFC	5962R1521202QXC	UT8R2M39-22XFC	5962R1020602QXC	AD827SE/883B	5962-9211701M2A
UT8SP2M32-MZFC	5962R1521401QXC	UT8SF2M48-MSFA	5962R1522501QYF	AD827SQ/883B	5962-9211701MPA
UT8SP2M32-MZFC	5962R1521402QXC	UT8SF2M48-MSFA	5962R1522502QYF	82720 (GEN)	5962-8608801QA
SL82HS321/B3A	82008043A	UT8SF2M48-MZFC	5962R1522501QXC	8274 (GEN)	5962-8771301QA
SL82HS321/BJA	8200804JA	UT8SF2M48-MZFC	5962R1522502QXC	8282 (GEN)	84179013A
SL82HS321/BKA	8200804KA	UT8SP2M48-MSFA	5962R1521301QYF	8282 (GEN)	8417901RA
SL82HS32131	82008023A	UT8SP2M48-MSFA	5962R1521302QYF	82C82 (GEN)	84067012A
SL82HS32131	82008033A	UT8SP2M48-MZFC	5962R1521301QXC	HI-8282 (GEN)	5962-8688002XA
SL82HS321J1	8200801JA	UT8SP2M48-MZFC	5962R1521302QXC	IL8282/B3A	84179033A
SL82HS321J1	8200802JA	8251A/B3A	5962-87548013A	IL8282/B3C	84179033C
SL82HS321J1	8200803JA	8251A/BXA	5962-8754801XA	IL8282/BRA	8417903RA
SL82HS321K1	8200801KA	MD8251A/BXA	5962-8754802XA	MD82C82/883	8406701RA
SL82HS321K1	8200802KA	MR8251A/B3A	5962-87548023A	HI-8282CM-03	5962-8688002QA
SL82HS321K1	8200803KA	82510 (GEN)	5962-8972501XA	82C82/7 (GEN)	5962-9571601VRC
AS8FLC2M32B (GEN)	5962-0824502HYA	82510 (GEN)	5962-89725023A	8283 (GEN)	84179043A
AS8FLC2M32BQ-100	5962-0824502HXA	MD82C52/883	8501501XA	82C83H/B2A	84067022A
AS8FLC2M32BQ-100	5962-0824502HXC	MR82C52/883	85015013A	82C83H/BRA	8406702RA
AS8FLC2M32B (GEN)	5962-0824501HYA	8253 (GEN)	5962-8752001JA	IL8283/B3A	84179023A
AS8FLC2M32BQ-120	5962-0824501HXA	MD8253/BJA	5962-8752002JA	IL8283/B3C	84179023C
AS8FLC2M32BQ-120	5962-0824501HXC	8253-5 (GEN)	5962-8752003JA	IL8283/BRA	8417902RA
UT8ER2M32M-22XFC	5962R1020301QXC	HS1-82C54RH-Q	5962R9571301VJC	IL8283/BRA	8417904RA
UT8ER2M32M-22XFC	5962R1020301VXC	HS9-82C54RH-Q	5962R9571301VXC	82C84A (GEN)	84068012A
UT8ER2M32M-22XFC	5962R1020303QXC	MD82C54/883	8406501JA	82C84A (GEN)	8406802VA
UT8ER2M32S-22XFC	5962R1020302QXC	MR82C54/883	84065013A	MD82C84A/883	8406801VA
UT8ER2M32S-22XFC	5962R1020302VXC	82C54-12 (GEN)	8406502JA	UT8R2M8-40XQC	5962H1222701QXC
UT8ER2M32S-22XFC	5962R1020304QXC	MR82C54-12/883	84065023A	UT8R2M8-40XQC	5962H1222702QXC
AS8FLC2M32B (GEN)	5962-0824504HYA	HS1-82C54RH-8	5962R9571301QJC	UT8R2M8-40XVC	5962H1222701VXC
AS8FLC2M32BQ-70	5962-0824504HXA	HS9-82C54RH-8	5962R9571301QXC	UT8R2M8-40YQC	5962H1222701QYC
AS8FLC2M32BQ-70	5962-0824504HXC	HS-82C55A (GEN)	5962R9581901VQC	UT8R2M8-40YQC	5962H1222702QYC
AS8FLC2M32B (GEN)	5962-0824503HYA	MD8255A/BQA	5962-8757001QA	UT8R2M8-40YVC	5962H1222701VYC
AS8FLC2M32BQ-90	5962-0824503HXA	MD82C55A	8406602QA	82C84A/7 (GEN)	5962-9571501VVC
AS8FLC2M32BQ-90	5962-0824503HXC	MR8255A/BXA	5962-8757001XA	HS-82C85 (GEN)	5962R9582001V9A
82C37A (GEN)	5962-9054302MXA	MR82C55A	8406602XA	HS-82C85 (GEN)	5962R9582001VJC
HS-82C37A (GEN)	5962R9582101VQC	8255A-5 (GEN)	5962-8757002QA	HS-82C85 (GEN)	5962R9582001VXC
HS-82C37A (GEN)	5962R9582101VXC	82C55A-5 (GEN)	8406601QA	HS-82C85 (GEN)	5962R9582001QJC
MD82C37A	5962-9054302MQA	82C55A-5 (GEN)	8406601XA	HS-82C85 (GEN)	5962R9582001QXC
82C37A-12 (GEN)	5962-9054303MQA	HS-82C55A (GEN)	5962R9581901QQ	IL8286/B3A	5962-86868013A
82C37A-12 (GEN)	5962-9054303MXA	MD8259A/BXA	5962-8751801XA	IL8286/B3C	5962-86868013C



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## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
IL8286/BRA	5962-8686801RA	8394325-534	5962G0721001QXC	84256CS45 (GEN)	5962-9161202MYA
82C86H-5 (GEN)	5962-87577012A	8394325-535	5962G0721001QXC	84256CS45 (GEN)	5962-9161202MZA
MD82C86H-5/883	5962-8757701RA	8394325-536	5962G0721002QXC	84256LPS45 (GEN)	5962-9161201MYA
82C86 (GEN)	5962-9571701VRC	8395188-7, -8, -9	5962R08A0401QXA	84256LPS45 (GEN)	5962-9161201MZA
IL8287/B3A	5962-86868023A	8396844-7, -8, -9	5962R08A0301QXA	8427352-1211	5962H1323501VXC
IL8287/BRX	5962-8686802RA	8397 (GEN)	8552001XA	8427352-1214	5962H1323502QXC
82C87H-5 (GEN)	5962-87577022A	8397 (GEN)	8552001YA	8427352-1215	5962H1323501QXC
MD82C87H-5/883	5962-8757702RA	8397BH (GEN)	5962-8977201MZA	8427352-1311	5962H1323503VXC
82C88 (GEN)	84069012A	PA84M/883	5962-9073601HXA	8427352-1314	5962H1323504QXC
MD82C88/883	8406901RA	AD840 (GEN)	5962-89640012A	8427352-1315	5962H1323503QXC
82C88-10 (GEN)	8406902RA	AD840 (GEN)	5962-8964001CA	AD843SE/883B	5962-9098001M2A
82C88 (GEN)	5962-9672701VRC	EL8403 (GEN)	5962-0721303QDC	AD843SH/883B	5962-9098001MXA
82C89 (GEN)	5962-85528012A	EL8403 (GEN)	5962-0721303QYC	AD843SQ/883B	5962-9098001MPA
82C89 (GEN)	5962-8552801RA	HX84050 (GEN)	5962H9684001VXC	Z8430 (GEN)	8301602XA
AD829SE/883B	5962-9312901M2A	8406746-151 (GEN)	5962G0824101VXC	Z8430A (GEN)	8301601XA
AD829SQ/883B	5962-9312901MPA	8406746-154	5962G0824102QXC	Z84C3006CMB	5962-8951501XA
PA83M/883	5962-9162101HXA	8406746-155	5962G0824101QXC	UT8ER4M32M-25XFC	5962R1020401QXC
AD830SQ/883B	5962-9313001MPA	8406746-251 (GEN)	5962G0824001VXC	UT8ER4M32M-25XFC	5962R1020403QXC
TS83048 (GEN)	5962-9092703MXA	8406746-254	5962G0824002QXC	UT8ER4M32S-25XFC	5962R1020402QXC
TS83048 (GEN)	5962-9092703M3A	8406746-255	5962G0824001QXC	UT8ER4M32S-25XFC	5962R1020404QXC
8X305/BUA	8550201UA	8407971-1	5962G0820801VXC	UT8R4M39-25XFC	5962R1020701QXC
8X305/BXA	8550201XA	8407971-4	5962G0820801QXC	UT8R4M39-25XFC	5962R1020702QXC
8X305/BYA	8550201YA	8407971-5	5962G0820801QXC	AD844 (GEN)	5962-8964401V2A
8X305-10 (GEN)	8550202UA	DAC8408A (GEN)	5962-8967801XA	AD844 (GEN)	5962R8964401V2A
8X305-10 (GEN)	8550202XA	DAC8408B (GEN)	5962-8967802XA	AD844S (GEN)	5962-8964401VPA
8X305-10 (GEN)	8550202YA	AD841 (GEN)	5962-8964101CA	AD844SQ/883B	5962-8964401PA
AD8306A/QMLQ	5962-9864601QEA	AD841 (GEN)	5962-8964101XA	AD844SQ/QMLL	5962L8964402VPA
AD8306AF/QMLL	5962L9864603VXA	AD841SE/883B	5962-89641012A	AD844SQ/QMLR	5962R8964401VPA
AD8306AF/QMLR	5962R9864602VXA	DAC8412AT/883	5962-9176401MXA	Z8442 (GEN)	8301502QA
8X320 (GEN)	5962-8550301QA	DAC8412BT/883	5962-9176402MXA	Z8442A (GEN)	8301501QA
8X320 (GEN)	5962-8550301UA	DAC8412BTC/883	5962-9176402M3A	Z84C4206 (GEN)	5962-8951601QA
83C451 (GEN)	5962-8972602MMA	DAC8413AT/883	5962-9176403MXA	8447257-1231 (GEN)	5962H1222902VXF
83C451 (GEN)	5962-8972602MUA	DAC8413BT/883	5962-9176404MXA	8447257-1234 (GEN)	5962H1222902QXA
83C451 (GEN)	5962-8972602MXA	DAC8413BTC/883	5962-9176404M3A	8447257-1241 (GEN)	5962H1222901VXF
83C451 (GEN)	5962-8972602UA	AD842 (GEN)	5962-89642012A	8447257-1244 (GEN)	5962H1222901QXA
83C451 (GEN)	5962-8972602XA	AD842 (GEN)	5962-8964201CA	8447257-1331 (GEN)	5962H1222903VXF
AD8346 (GEN)	5962L0922702VFA	AD842 (GEN)	5962-8964201XA	8447257-1334 (GEN)	5962H1222903QXA
AD8346 (GEN)	5962R0922701VFA	Z8420 (GEN)	8418602QA	8447257-2231	5962H1222905VXA
AD8346AF/QMLL	5962L0922702VXA	Z8420A (GEN)	8418601QA	8447257-2234	5962H1222905QXA
AD8346AF/QMLR	5962R0922701VXA	Z84C2006CMB	5962-8951401QA	8447257-2241	5962H1222904VXA
SL8X350/B3A	5962-86052013A	84256CS20 (GEN)	5962-9161208MYA	8447257-2244	5962H1222904QXA
SL8X350/B3C	5962-86052013C	84256CS20 (GEN)	5962-9161208MZA	8447257-2331	5962H1222906VXA
SL8X350/BWA	5962-8605201WA	84256LPS20 (GEN)	5962-9161207MYA	8447257-2334	5962H1222906QXA
AD8351ARC/QMLL	5962L0821802V2A	84256LPS20 (GEN)	5962-9161207MZA	AD845SQ/883B	5962-8964501PA
AD8351ARC/QMLR	5962R0821801V2A	84256CS25 (GEN)	5962-9161206MYA	AD846S (GEN)	5962-8964601PA
8X371 (GEN)	5962-8757601XA	84256CS25 (GEN)	5962-9161206MZA	AD847SQ/883	5962-8964701PA
8X376 (GEN)	5962-8685101XA	84256LPS25 (GEN)	5962-9161205MYA	HCTS85 (GEN)	5962R9576801V9A
HI-8382 (GEN)	5962-86879013A	84256LPS25 (GEN)	5962-9161205MZA	HCTS85 (GEN)	5962R9576801VEC
HI-8382CM-03	5962-8687901EA	84256CS35 (GEN)	5962-9161204MYA	HCTS85 (GEN)	5962R9576801VXC
TS8388BMFB/Q	5962-0050401QYC	84256CS35 (GEN)	5962-9161204MZA	ACT8500-901-1S	5962F0050201KXC
TS8388BMFSB/Q	5962-0050401QXC	84256LPS35 (GEN)	5962-9161203MYA	ACT8500-S	5962-0050201KXC
8394325-531	5962G0721001VXC	84256LPS35 (GEN)	5962-9161203MZA	ACT8501-901-1S	5962F0050202KXC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
ACT8501-S	5962-0050202KXC	UT8Q512E-VVA	5962L9960706VYA	8513-001 (GEN)	5962-99A2601QXC
ACT8502-901-1S	5962F0323401KXC	UT8Q512E-VWC	5962L9960706VYC	ACT8513-201-1S	5962-0920302KXC
ACT8502-S	5962-0323401KXC	UT8Q512E-YCA	5962L9960705QYA	ACT8518-201-1S	5962-0920401KXC
ACT8503-901-1S	5962F0323403KXC	UT8Q512E-YCC	5962L9960705QYC	MUX8520-201-1S	5962-0922901KXC
ACT8503-S	5962-0323403KXC	UT8Q512E-YWA	5962L9960706QYA	MUX8520-901-1S	5962F0922901KXC
ACT8504-S	5962-0520901KXC	UT8Q512E-YWC	5962L9960706QYC	MUX8521-201-1S	5962-0922902KXC
ACT8505-S	5962-0520902KXC	ACT8512-201-1S	5962-0920301KXC	MUX8521-901-1S	5962F0922902KXC
ACT8506-901-1S	5962F0323402KXC	8Q512K32 (GEN)	5962L0153301QXC	MUX8522-201-1S	5962-0923101KXC
ACT8506-S	5962-0323402KXC	8Q512K32 (GEN)	5962L0153301TXC	MUX8522-901-1S	5962F0923101KXC
MUX8507-201-1S	5962-1021201KXC	UT8Q512K32E-SWC	5962L0153302QYC	MUX8523-201-1S	5962-0923102KXC
MUX8507-901-1S	5962F1021201KXC	UT8Q512K32E-SWC	5962L0153302VYC	MUX8523-901-1S	5962F0923102KXC
ACT8508-S	5962-0822601KXC	UT8Q512K32E-SWC	5962L0153303QYC	Z8523008CMB	5962-8868910QA
ACT8508-901-1S	5962F0822601KXC	UT8CR512K32-17VCA	5962F0422701QXA	Z8523008LMB	5962-8868910YA
MUX8509-201-1S	5962-1021202KXC	UT8CR512K32-17VCA	5962F0422701VXA	Z8523010CMB	5962-8868908QA
MUX8509-901-1S	5962F1021202KXC	UT8CR512K32-17VCC	5962F0422701QXC	Z8523010LMB	5962-8868908YA
ACT8510-201-1S	5962-0920201KXC	UT8CR512K32-17VCC	5962F0422701VXC	Z8523016CMB	5962-8868909QA
ACT8511-201-1S	5962-0920202KXC	UT8CR512K32-17VVA	5962F0422702QXA	Z8523016LMB	5962-8868909YA
8Q512 (GEN)	5962D9960701QUA	UT8CR512K32-17VVA	5962F0422702VXA	MUX8530-201-1S	5962-0923001KXC
8Q512 (GEN)	5962D9960701QXA	UT8CR512K32-17VWC	5962F0422702QXC	Z85C3006CMB	5962-8868901QA
8Q512 (GEN)	5962D9960701T9A	UT8CR512K32-17VWC	5962F0422702VXC	Z85C3006LMB	5962-8868901YA
8Q512 (GEN)	5962D9960701TUA	AS8S512K32BQFP-20/	5962-9562409HNC	Z85C3008CMB	5962-8868902QA
8Q512 (GEN)	5962D9960701TXA	UT8ER512K32M-21 (G	5962R0626101QXA	Z85C3008LMB	5962-8868902YA
8Q512 (GEN)	5962L9960701Q9A	UT8ER512K32M-21 (G	5962R0626101VXA	85C30-10 (GEN)	5962-8868903QA
8Q512 (GEN)	5962L9960701QUA	UT8ER512K32M-21 (G	5962R0626102QXA	85C30-10 (GEN)	5962-8868903YA
8Q512 (GEN)	5962L9960701QXA	UT8ER512K32M-21 (G	5962R0626102VXA	Z85C3010CMB	5962-8868907QA
8Q512 (GEN)	5962L9960701T9A	UT8ER512K32M-21WC	5962R0626105QXA	Z85C3010LMB	5962-8868907YA
8Q512 (GEN)	5962L9960701TUA	UT8ER512K32M-21WC	5962R0626105VXA	Z85C3010NMB	5962-8868907XA
8Q512 (GEN)	5962L9960701TXA	UT8ER512K32M-21WC	5962R0626105QXC	85C30-12 (GEN)	5962-8868904QA
8Q512 (GEN)	5962L9960702Q9A	UT8ER512K32M-21WC	5962R0626105VXC	85C30-12 (GEN)	5962-8868904YA
8Q512 (GEN)	5962L9960702QUA	UT8ER512K32S-21 (GE	5962R0626103QXA	85C30-16 (GEN)	5962-8868905QA
8Q512 (GEN)	5962L9960702QXA	UT8ER512K32S-21 (GE	5962R0626103VXA	85C30-16 (GEN)	5962-8868905YA
8Q512 (GEN)	5962L9960702T9A	UT8ER512K32S-21 (GE	5962R0626104QXA	85C30-8 (GEN)	5962-8868906QA
8Q512 (GEN)	5962L9960702TUA	UT8ER512K32S-21 (GE	5962R0626104VXA	85C30-8 (GEN)	5962-8868906YA
8Q512 (GEN)	5962L9960702TXA	UT8ER512K32S-21WC	5962R0626106QXA	MUX8531-201-1S	5962-0923002KXC
8Q512 (GEN)	5962L9960703Q9A	UT8ER512K32S-21WC	5962R0626106VXA	MUX8532-201-1S	5962-0923201KXC
8Q512 (GEN)	5962L9960703QUA	UT8ER512K32S-21WC	5962R0626106VXC	MUX8533-201-1S	5962-0923202KXC
8Q512 (GEN)	5962L9960703QXA	UT8ER512K32S-21WC	5962R0626106QXC	Z08536 (GEN)	8300102YA
8Q512 (GEN)	5962L9960703T9A	AS8S512K32BQFP-25/	5962-9562408HNC	Z0853604CMB	8300101QA
8Q512 (GEN)	5962L9960703TUA	AS8S512K32BQFP-25/	5962-9562412HNC	Z0853604LMB	8300101YA
8Q512 (GEN)	5962L9960703TXA	AS8S512K32BQFP-35/	5962-9562407HNC	Z0853606CMB	8300102QA
8Q512 (GEN)	5962L9960704Q9A	AS8S512K32BQFP-35/	5962-9562411HNC	RHD8540-201-1S	5962-1124001KXC
8Q512 (GEN)	5962L9960704QUA	AS8S512K32BQFP-45/	5962-9562406HNC	RHD8540-901-1S	5962H1124001KXC
8Q512 (GEN)	5962L9960704QXA	AS8S512K32BQFP-45/	5962-9562410HNC	RHD8541-201-1S	5962-1124002KXC
8Q512 (GEN)	5962L9960704T9A	AS8S512K32BQFP-55/	5962-9562405HNC	RHD8541-901-1S	5962H1124002KXC
8Q512 (GEN)	5962L9960704TUA	UT8R512K8-15UCA	5962F0323501QUA	RHD8542-201-1S	5962-1221001KXC
8Q512 (GEN)	5962L9960704TXA	UT8R512K8-15UCA	5962F0323501VUA	RHD8542-901-1S	5962H1221001KXC
UT8Q512E_QDIE	5962L9960705Q9B	UT8R512K8-15UCC	5962F0323501QUC	RHD8543-201-1S	5962-1221002KXC
UT8Q512E_QDIE	5962L9960706Q9B	UT8R512K8-15UCC	5962F0323501VUC	RHD8543-901-1S	5962H1221002KXC
UT8Q512E_VDIE	5962L9960705V9B	UT8R512K8-15UWA	5962F0323502QUA	RHD8544-201-1S	5962-1220901KXC
UT8Q512E_VDIE	5962L9960706V9B	UT8R512K8-15UWA	5962F0323502VUA	RHD8544-901-1S	5962H1220901KXC
UT8Q512E-VCA	5962L9960705VYA	UT8R512K8-15UWC	5962F0323502QUC	RHD8545-201-1S	5962-1220902KXC
UT8Q512E-VCC	5962L9960705VYC	UT8R512K8-15UWC	5962F0323502VUC	RHD8545-901-1S	5962H1220902KXC

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
MD85C52/7	5962-9581701VXC	VRG8601-901-2S	5962R0521901KXA	8601-53-1.5 (GEN)	5962-0620402KMA
BUS-8553 (GEN)	5962-8604905YA	8601-33-ADJ (GEN)	5962-0620406HTA	8601-53-1.5 (GEN)	5962-0620402HNA
BUS-8553 (GEN)	5962-8604905XC	8601-33-ADJ (GEN)	5962-0620406KTA	8601-53-1.5 (GEN)	5962-0620402KNA
BUS-8553 (GEN)	5962-8604905XA	8601-33-1.3 (GEN)	5962-0620407HTA	8601-53-1.8 (GEN)	5962-0620403HTA
AD8561A (GEN)	5962-0051501VHA	8601-33-1.3 (GEN)	5962-0620407KTA	8601-53-1.8 (GEN)	5962-0620403KTA
AD8561AL/QMLL	5962L0051502VHA	8601-33-1.3 (GEN)	5962-0620407HMA	8601-53-1.8 (GEN)	5962-0620403HMA
AD8561AL/QMLR	5962R0051501VHA	8601-33-1.3- (GEN)	5962-0620407KMA	8601-53-1.8 (GEN)	5962-0620403KMA
AD8561AQ/QMLR	5962R0051501VPA	8601-33-1.3 (GEN)	5962-0620407HNA	8601-53-1.8 (GEN)	5962-0620403HNA
AD8561AQ/QMLV	5962-0051501VPA	8601-33-1.3 (GEN)	5962-0620407KNA	8601-53-1.8 (GEN)	5962-0620403KNA
MHP8565AH-1A	5962R1323601HXA	8601-33-1.5 (GEN)	5962-0620408HTA	8601-53-2.5 (GEN)	5962-0620404HTA
MHP8565AH-1C	5962R1323601HXC	8601-33-1.5 (GEN)	5962-0620408KTA	8601-53-2.5 (GEN)	5962-0620404KTA
MHP8565AH-2A	5962R1323601HYA	8601-33-1.5 (GEN)	5962-0620408HMA	8601-53-2.5 (GEN)	5962-0620404HMA
MHP8565AH-2C	5962R1323601HYC	8601-33-1.5 (GEN)	5962-0620408KMA	8601-53-2.5 (GEN)	5962-0620404KMA
MHP8565AH-3A	5962R1323601HZA	8601-33-1.5 (GEN)	5962-0620408HNA	8601-53-2.5 (GEN)	5962-0620404HNA
MHP8565AH-3C	5962R1323601HZC	8601-33-1.5 (GEN)	5962-0620408KNA	8601-53-2.5 (GEN)	5962-0620404KNA
MHP8565AHA	5962R1323601HUA	8601-33-1.8 (GEN)	5962-0620409HTA	8601-55-3.3 (GEN)	5962-0620405HTA
MHP8565AHA	5962R1323601KUA	8601-33-1.8 (GEN)	5962-0620409KTA	8601-55-3.3 (GEN)	5962-0620405KTA
MHP8565AHC	5962R1323601HUC	8601-33-1.8 (GEN)	5962-0620409HMA	8601-55-3.3 (GEN)	5962-0620405HMA
MHP8565AK-1A	5962R1323601KXA	8601-33-1.8 (GEN)	5962-0620409KMA	8601-55-3.3 (GEN)	5962-0620405KMA
MHP8565AK-1C	5962R1323601KXC	8601-33-1.8 (GEN)	5962-0620409HNA	8601-55-3.3 (GEN)	5962-0620405HNA
MHP8565AK-2A	5962R1323601KYA	8601-33-1.8 (GEN)	5962-0620409KNA	8601-55-3.3 (GEN)	5962-0620405KNA
MHP8565AK-2C	5962R1323601KYC	8601-33-ADJ (GEN)	5962-0620406HMA	ACS86 (GEN)	5962F9565402V9A
MHP8565AK-3A	5962R1323601KZA	8601-33-ADJ (GEN)	5962-0620406KMA	ACS86 (GEN)	5962F9565402VCC
MHP8565AK-3C	5962R1323601KZC	8601-33-2.5 (GEN)	5962-0620410HTA	ACS86 (GEN)	5962F9565402VXC
MHP8565AKC	5962R1323601KUC	8601-33-2.5 (GEN)	5962-0620410KTA	ACTS86 (GEN)	5962F9566002V9A
DP8572 (GEN)	5962-9164101MJA	8601-33-2.5 (GEN)	5962-0620410HMA	ACTS86 (GEN)	5962F9566002VCC
AC86DIE2V	5962F8955001V9A	8601-33-2.5 (GEN)	5962-0620410KMA	ACTS86 (GEN)	5962F9566002VXC
ACS86 (GEN)	5962F9565401VCC	8601-33-2.5 (GEN)	5962-0620410HNA	RHFACT86K02Q	5962F9068702QXA
ACS86 (GEN)	5962F9565401VXC	8601-33-2.5 (GEN)	5962-0620410KNA	RHFACT86K02V	5962F9068702VXA
ACTS86 (GEN)	5962F9566001VCC	8601-33-ADJ (GEN)	5962-0620406HNA	SP8602 (GEN)	5962-9205901MXA
ACTS86 (GEN)	5962F9566001VXC	8601-33-ADJ (GEN)	5962-0620406KNA	VRG8602-201-1S	5962-0521901KYC
HCS86DMSR	5962R9578301VCC	8601-35-ADJ (GEN)	5962-0620411HTA	VRG8602-201-2S	5962-0521901KYA
HCS86HMSR	5962R9578301V9A	8601-35-ADJ (GEN)	5962-0620411KTA	VRG8602-901-1S	5962R0521901KYC
HCS86KMSR	5962R9578301VXC	8601-35-ADJ (GEN)	5962-0620411HMA	VRG8602-901-2S	5962R0521901KYA
HCTS86 (GEN)	5962R9581401V9A	8601-35-ADJ (GEN)	5962-0620411KMA	RHFACT86D03V	5962F9068702VCC
HCTS86 (GEN)	5962R9581401VCC	8601-35-ADJ (GEN)	5962-0620411HNA	VRG8603-201 (GEN)	5962-0521902KXA
HCTS86 (GEN)	5962R9581401VXC	8601-35-ADJ (GEN)	5962-0620411KNA	RHFACT86D04V	5962F9068702VCA
RHFAC86D03Q	5962F8955001CC	8601-35-3.3 (GEN)	5962-0620412HTA	VRG8604-201 (GEN)	5962-0521902KYA
RHFAC86D03V	5962F8955001VCC	8601-35-3.3 (GEN)	5962-0620412KTA	8605R-53-1.3 (GEN)	5962-0620413HTA
RHFAC86D04Q	5962F8955001CA	8601-35-3.3 (GEN)	5962-0620412HMA	8605R-53-1.3 (GEN)	5962-0620413KTA
RHFAC86D04V	5962F8955001VCA	8601-35-3.3 (GEN)	5962-0620412KMA	8605R-53-1.3 (GEN)	5962-0620413HMA
RHFAC86K01Q	5962F8955001XC	8601-35-3.3 (GEN)	5962-0620412HNA	8605R-53-1.3 (GEN)	5962-0620413KMA
RHFAC86K01V	5962F8955001VXC	8601-35-3.3 (GEN)	5962-0620412KNA	8605R-53-1.3 (GEN)	5962-0620413HNA
RHFAC86K02Q	5962F8955001XA	8601-53-1.3 (GEN)	5962-0620401HTA	8605R-53-1.3 (GEN)	5962-0620413KNA
RHFAC86K02V	5962F8955001VXA	8601-53-1.3 (GEN)	5962-0620401KTA	8605R-53-1.5 (GEN)	5962-0620414HTA
RHFAC86K03V	5962F8955001VYC	8601-53-1.3 (GEN)	5962-0620401HMA	8605R-53-1.5 (GEN)	5962-0620414KTA
RHFAC86K04V	5962F8955001VYA	8601-53-1.3 (GEN)	5962-0620401KMA	8605R-53-1.5 (GEN)	5962-0620414HMA
RHFACT86K01Q	5962F9068702QXC	8601-53-1.3 (GEN)	5962-0620401HNA	8605R-53-1.5 (GEN)	5962-0620414KMA
RHFACT86K01V	5962F9068702VXC	8601-53-1.3 (GEN)	5962-0620401KNA	8605R-53-1.5 (GEN)	5962-0620414HNA
VRG8601-201-1S	5962-0521901KXC	8601-53-1.5 (GEN)	5962-0620402HTA	8605R-53-1.5 (GEN)	5962-0620414KNA
VRG8601-201-2S	5962-0521901KXA	8601-53-1.5 (GEN)	5962-0620402KTA	8605R-53-1.8 (GEN)	5962-0620415HTA
VRG8601-901-1S	5962R0521901KXC	8601-53-1.5 (GEN)	5962-0620402HMA	8605R-53-1.8 (GEN)	5962-0620415KTA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
8605R-53-1.8 (GEN)	5962-0620415KTC	VRG8609-901-1S	5962R0521904KXC	VRG8658-901-2S	5962R0920102KYA
8605R-53-1.8 (GEN)	5962-0620415HMA	VRG8609-901-2S	5962R0521904KXA	VRG8660-201-1S	5962-0920601KXC
8605R-53-1.8 (GEN)	5962-0620415KMA	VRG8610-201-1S	5962-0521904KYC	VRG8660-201-2S	5962-0920601KXA
8605R-53-1.8 (GEN)	5962-0620415HNA	VRG8610-201-2S	5962-0521904KYA	VRG8660-901-1S	5962R0920601KXC
8605R-53-1.8 (GEN)	5962-0620415KNA	VRG8610-901-1S	5962R0521904KYC	VRG8660-901-2S	5962R0920601KXA
8605R-53-1.8 (GEN)	5962-0620415KNC	VRG8610-901-2S	5962R0521904KYA	VRG8661-201-1S	5962-0920602KXC
8605R-53-2.5 (GEN)	5962-0620416HTA	SP8620 (GEN)	5962-9097001MCA	VRG8661-201-2S	5962-0920602KXA
8605R-53-2.5 (GEN)	5962-0620416KTA	SP8630 (GEN)	5962-9200301MCA	VRG8661-901-1S	5962R0920602KXC
8605R-53-2.5 (GEN)	5962-0620416HMA	UT8SDMQ64M40 (GEN)	5962R1022901QXC	VRG8661-901-2S	5962R0920602KXA
8605R-53-2.5 (GEN)	5962-0620416KMA	UT8SDMQ64M40 (GEN)	5962R1022901QYC	VRG8662-201-1S	5962-0920701KXC
8605R-53-2.5 (GEN)	5962-0620416HNA	UT8SDMQ64M40 (GEN)	5962R1022902QXC	VRG8662-201-2S	5962-0920701KXA
8605R-53-2.5 (GEN)	5962-0620416KNA	UT8SDMQ64M40 (GEN)	5962R1022902QYC	VRG8662-901-1S	5962R0920701KXC
8605R-55-1.3 (GEN)	5962-0620418HTA	UT8SDMQ64M40-75YE	5962L1022901QXC	VRG8662-901-2S	5962R0920701KXA
8605R-55-1.3 (GEN)	5962-0620418KTA	UT8SDMQ64M40-75YE	5962L1022902QXC	VRG8663-201-1S	5962-0920702KYC
8605R-55-1.3 (GEN)	5962-0620418HMA	UT8SDMQ64M40-75ZE	5962L1022901QYC	VRG8663-201-2S	5962-0920702KYA
8605R-55-1.3 (GEN)	5962-0620418KMA	UT8SDMQ64M40-75ZE	5962L1022902QYC	VRG8663-901-1S	5962R0920702KYC
8605R-55-1.3 (GEN)	5962-0620418HNA	UT8SDMQ64M48 (GEN)	5962R1023001QXC	VRG8663-901-2S	5962R0920702KYA
8605R-55-1.3 (GEN)	5962-0620418KNA	UT8SDMQ64M48 (GEN)	5962R1023001QYC	VRG8666-201-1S	5962-1120501KYC
8605R-55-1.5 (GEN)	5962-0620419HTA	UT8SDMQ64M48 (GEN)	5962R1023002QXC	VRG8666-201-2S	5962-1120501KYA
8605R-55-1.5 (GEN)	5962-0620419KTA	UT8SDMQ64M48 (GEN)	5962R1023002QYC	VRG8666-901-1S	5962R1120501KYC
8605R-55-1.5 (GEN)	5962-0620419HMA	UT8SDMQ64M48-75YE	5962L1023001QXC	VRG8666-901-2S	5962R1120501KYA
8605R-55-1.5 (GEN)	5962-0620419KMA	UT8SDMQ64M48-75YE	5962L1023002QXC	VRG8667-901-1S	5962R1320301KUC
8605R-55-1.5 (GEN)	5962-0620419HNA	UT8SDMQ64M48-75ZE	5962L1023001QYC	VRG8667-901-2S	5962R1320301KUA
8605R-55-1.5 (GEN)	5962-0620419KNA	UT8SDMQ64M48-75ZE	5962L1023002QYC	VRG8668-901-1S	5962R1320301KZC
8605R-55-1.8 (GEN)	5962-0620420HTA	SP8647 (GEN)	5962-9061801MEA	VRG8668-901-2S	5962R1320301KZA
8605R-55-1.8 (GEN)	5962-0620420KTA	VRG8651-201-1S	5962-0920101KUC	VRG8669-901-1S	5962R1420101KYC
8605R-55-1.8 (GEN)	5962-0620420HMA	VRG8651-201-2S	5962-0920101KUA	VRG8669-901-2S	5962R1420101KYA
8605R-55-1.8 (GEN)	5962-0620420KMA	VRG8651-901-1S	5962R0920101KUC	SP8670 (GEN)	5962-9208801MCA
8605R-55-1.8 (GEN)	5962-0620420HNA	VRG8651-901-2S	5962R0920101KUA	AD8671AL/QMLL	5962L0922301VHA
8605R-55-1.8 (GEN)	5962-0620420KNA	VRG8652-201-1S	5962-0920101KZC	VRG8682-201-1S	5962-0920703KXC
8605R-55-2.5 (GEN)	5962-0620421HTA	VRG8652-201-2S	5962-0920101KZA	VRG8682-201-2S	5962-0920703KXA
8605R-55-2.5 (GEN)	5962-0620421KTA	VRG8652-901-1S	5962R0920101KZC	VRG8682-901-1S	5962R0920703KXC
8605R-55-2.5 (GEN)	5962-0620421HMA	VRG8652-901-2S	5962R0920101KZA	VRG8682-901-2S	5962R0920703KXA
8605R-55-2.5 (GEN)	5962-0620421KMA	VRG8653-201-1S	5962-1021301KUC	VRG8684-201-1S	5962-0924501KXC
8605R-55-2.5 (GEN)	5962-0620421HNA	VRG8653-201-2S	5962-1021301KUA	VRG8684-201-2S	5962-0924501KXA
8605R-55-2.5 (GEN)	5962-0620421KNA	VRG8653-901-1S	5962R1021301KUC	VRG8684-901-1S	5962R0924501KXC
8605R-55-3.3 (GEN)	5962-0620417HTA	VRG8653-901-2S	5962R1021301KUA	VRG8684-901-2S	5962R0924501KXA
8605R-55-3.3 (GEN)	5962-0620417KTA	VRG8654-201-1S	5962-1021301KZC	VRG8687-201-1S	5962-1021302KUC
8605R-55-3.3 (GEN)	5962-0620417HMA	VRG8654-201-2S	5962-1021301KZA	VRG8687-201-2S	5962-1021302KUA
8605R-55-3.3 (GEN)	5962-0620417KMA	VRG8654-202-1S	5962-1021301KMC	VRG8687-901-1S	5962R1021302KUC
8605R-55-3.3 (GEN)	5962-0620417HNA	VRG8654-901-1S	5962R1021301KZC	VRG8687-901-2S	5962R1021302KUA
8605R-55-3.3 (GEN)	5962-0620417KNA	VRG8654-901-2S	5962R1021301KZA	VRG8688-201-1S	5962-1021302KZC
VRG8607-201-1S	5962-0521903KXC	VRG8654-902-1S	5962R1021301KMC	VRG8688-201-2S	5962-1021302KZA
VRG8607-201-2S	5962-0521903KXA	VRG8657-201-1S	5962-0920102KXC	VRG8688-901-1S	5962R1021302KZC
VRG8607-901-1S	5962R0521903KXC	VRG8657-201-2S	5962-0920102KXA	VRG8688-202-1S	5962-1021302KMC
VRG8607-901-2S	5962R0521903KXA	VRG8657-901-1S	5962R0920102KXC	VRG8688-901-2S	5962R1021302KZA
VRG8608-201-1S	5962-0521903KYC	VRG8657-901-2S	5962R0920102KXA	VRG8688-902-1S	5962R1021302KMC
VRG8608-201-2S	5962-0521903KYA	VRG8658-201-1S	5962-0920102KYC	8690A (GEN)	5962-8767801EA
VRG8608-901-1S	5962R0521903KYC	VRG8658-201-2S	5962-0920102KYA	VRG8691-201-1S	5962-0923701KXC
VRG8608-901-2S	5962R0521903KYA	VRG8658-202-1S	5962-0920102KTC	VRG8691-201-2S	5962-0923701KXA
VRG8609-201-1S	5962-0521904KXC	VRG8658-902-1S	5962R0920102KTC	VRG8691-901-1S	5962R0923701KXC
VRG8609-201-2S	5962-0521904KXA	VRG8658-901-1S	5962R0920102KYC	VRG8691-901-2S	5962R0923701KXA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
VRG8692-201-1S	5962-0923701KYC	87C51RC/B4A	5962-9169701M4A	87C51 (GEN)	5962-8768403NYA
VRG8692-201-2S	5962-0923701KYA	87C51RC/BMA	5962-9169701MMA	87C51 (GEN)	5962-8768405NYA
VRG8692-901-1S	5962R0923701KYC	87C51RC/BQA	5962-9169701MXA	8751H-8/BQA	8419001QA
VRG8692-901-2S	5962R0923701KYA	MD87C51/BQA	5962-8768401QA	8751H-8/BYA	8419001YA
VRG8697-901-1S	5962R1420201KUC	MR87C51/BUA	5962-8768401UA	MC8751H-8/BQA	8419001QA
VRG8697-901-2S	5962R1420201KUA	QP87C51/BMA	5962-8768401MMA	MR8751H-8/BYA	8419001YA
8697-001 (GEN)	5962-01A0801NXB	QP87C51/BMA OTP	5962-8768407MMA	87C52 (GEN)	5962-9157603NXA
VRG8698-901-1S	5962R1420201KZC	QP87C51/BQA	5962-8768401MQA	87C52 (GEN)	5962-9157603NYA
VRG8698-901-2S	5962R1420201KZA	QP87C51/BQA	5962-8768401QA	87C52 (GEN)	5962-9157605NXA
DAC87 (GEN)	8300201JA	QP87C51/BQA OTP	5962-8768407MQA	87C52 (GEN)	5962-9157605NYA
DAC87 (GEN)	8300201JC	QP87C51/BUA	5962-8768401UA	87C52/BMA	5962-9157601MMA
DAC87 (GEN)	8300201XA	QP87C51/BUA OTP	5962-8768407MUA	87C52/BMA OT	5962-9157603MMA
DAC87 (GEN)	8300301JA	87C51-12 (GEN)	5962-9056401TA	87C52/BQA	5962-9157601MQA
AD871S (GEN)	5962-9468601MXA	87C51-12 (GEN)	5962-9056401UA	87C52/BQA OT	5962-9157603MQA
AD871S (GEN)	5962-9468602MYA	87C51-12 (GEN)	5962-9056401ZA	QP87C52/BMA	5962-9157601MMA
SP8718 (GEN)	5962-8861701PA	87C51-16 (GEN)	5962-9056402TA	QP87C52/BMA-OT	5962-9157603MMA
87C196KC (GEN)	5962-9069201MXA	87C51-16 (GEN)	5962-9056402UA	QP87C52/BQA	5962-9157601MQA
87C196KC (GEN)	5962-9069201MYA	87C51-16 (GEN)	5962-9056402ZA	QP87C52/BQA-OT	5962-9157603MQA
87C196KC (GEN)	5962-9069204QXA	87C51-16/BMA	5962-8768402MMA	QP87C52/BUA	5962-9157601MUA
87C196KC (GEN)	5962-9069204QYA	87C51-16/BMA OTP	5962-8768408MMA	QP87C52/BUA-OT	5962-9157603MUA
87C196KD (GEN)	5962-9069202QXA	87C51-16/BQA	5962-8768402MQA	87C52-16 (GEN)	5962-9157604NXA
87C196KD (GEN)	5962-9069202QYA	87C51-16/BQA OTP	5962-8768408MQA	87C52-16 (GEN)	5962-9157604NYA
87C196KD (GEN)	5962-9069203QXA	87C51-16/BUA	5962-8768402MUA	87C52-16 (GEN)	5962-9157606NXA
87C196KD (GEN)	5962-9069203QYA	87C51-16/BUA OTP	5962-8768408MUA	87C52-16 (GEN)	5962-9157606NYA
AD872A (GEN)	5962-9306001MXA	87C51FC-16 (GEN)	5962-9169702MTA	87C52-16/BMA	5962-9157602MMA
AD872A (GEN)	5962-9306002MYA	87C51FC-16 (GEN)	5962-9169702MUA	87C52-16/BMA OT	5962-9157604MMA
AD872A (GEN)	5962-9306003MXA	87C51FC-16 (GEN)	5962-9169702MZA	87C52-16/BQA	5962-9157602MQA
AD872A (GEN)	5962-9306004MYA	87C51FC-16 (GEN)	5962-9169702NNA	87C52-16/BQA OT	5962-9157604MQA
SP8720 (GEN)	5962-9057701MEA	87C51FC-16 (GEN)	5962-9169702NYA	QP87C52-16/BMA	5962-9157602MMA
8731-001 (GEN)	5962-96A1901QXA	87C51FC-16 (GEN)	5962-9169704NNA	QP87C52-16/BMA-OT	5962-9157604MMA
SP8741 (GEN)	5962-9159001MEA	87C51FC-16 (GEN)	5962-9169704NYA	QP87C52-16/BQA	5962-9157602MQA
8744H10 (GEN)	5962-8997101MQA	87C51RB-16/BMA	5962-9056402MA	QP87C52-16/BQA-OT	5962-9157604MQA
87C451 (GEN)	5962-9154201MMA	87C51RB-16/BQA	5962-9056402XA	QP87C52-16/BUA	5962-9157602MUA
87C451 (GEN)	5962-9154201MXA	87C51RC-16/B4A	5962-9169702M4A	QP87C52-16/BUA-OT	5962-9157604MUA
8748H (GEN)	5962-9051201MQA	87C51RC-16/BMA	5962-9169702MMA	SP8755 (GEN)	5962-8868401CA
8751H/BQA	8419002QA	87C51RC-16/BQA	5962-9169702MXA	87C552 (GEN)	5962-9233301MMA
8751H/BYA	8419002YA	MD87C51-16/BQA	5962-8768402QA	87C552 (GEN)	5962-9233302MMA
87C51/BMA	5962-8768401MMA	MR87C51-16/BUA	5962-8768402UA	87C552 (GEN)	5962-9233303NYA
87C51/BMA OTP	5962-8768407MMA	QP87C51-16/BMA	5962-8768402MMA	87C552 (GEN)	5962-9233304NYA
87C51/BQA	5962-8768401MQA	QP87C51-16/BMA OTP	5962-8768408MMA	87C571-16 (GEN)	5962-9156606NXA
87C51/BQA OTP	5962-8768407MQA	QP87C51-16/BQA	5962-8768402MQA	87C571-16 (GEN)	5962-9156608NXA
87C51/BUA	5962-8768401MUA	QP87C51-16/BQA	5962-8768402QA	87C571 (GEN)	5962-9156605NXA
87C51/BUA OTP	5962-8768407MUA	QP87C51-16/BQA OTP	5962-8768408MQA	87C571 (GEN)	5962-9156607NXA
87C51FC (GEN)	5962-9169701MTA	QP87C51-16/BUA	5962-8768402MUA	TLC876 (GEN)	5962-9954001NXD
87C51FC (GEN)	5962-9169701MUA	QP87C51-16/BUA	5962-8768402UA	87C654 (GEN)	5962-9056403MA
87C51FC (GEN)	5962-9169701MZA	QP87C51-16/BUA OTP	5962-8768408MUA	87C654 (GEN)	5962-9056403XA
87C51FC (GEN)	5962-9169701NNA	87C51-16 (GEN)	5962-8768404NXA	87C654OT (GEN)	5962-9056405MA
87C51FC (GEN)	5962-9169701NYA	87C51-16 (GEN)	5962-8768404NYA	87C654OT (GEN)	5962-9056405XA
87C51FC (GEN)	5962-9169703NNA	87C51-16 (GEN)	5962-8768406NXA	87C654-16 (GEN)	5962-9056404MA
87C51FC (GEN)	5962-9169703NYA	87C51-16 (GEN)	5962-8768406NYA	87C654-16 (GEN)	5962-9056404XA
87C51RB/BMA	5962-9056401MA	87C51 (GEN)	5962-8768403NXA	87C654-16 (GEN)	5962-9056406MA
87C51RB/BQA	5962-9056401XA	87C51 (GEN)	5962-8768405NXA	87C654-16 (GEN)	5962-9056406XA



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
87C751 (GEN)	5962-9156601M3A	EDI88128LPS120NB	5962-8959805MYA	EDI88128LPS45TB	5962-8959810MZA
87C751 (GEN)	5962-9156601MLA	EDI88128LPS120TB	5962-8959805MZA	EDI88128LPS45ZB	5962-8959810M8A
87C751 (GEN)	5962-9156602M3A	EDI88128LPS120ZB	5962-8959805M8A	EDI88128CS55CB	5962-8959826MXA
87C751 (GEN)	5962-9156602MLA	EDI88128CS120LB	5962-8959822MUA	EDI88128CS55FB	5962-8959826MTA
87C751-16 (GEN)	5962-9156603M3A	EDI88128CS15TB	5962-8959844MZA	EDI88128CS55LB	5962-8959826MUA
87C751-16 (GEN)	5962-9156603MLA	EDI88128LPS15FB	5962-8959848MTA	EDI88128CS55NB	5962-8959826MYA
87C751-16 (GEN)	5962-9156604MLA	EDI88128CS20CB	5962-8959839MXA	EDI88128CS55TB	5962-8959826MZA
87C752/BXA	5962-9157701MXA	EDI88128CS20FB	5962-8959839MTA	EDI88128CS55ZB	5962-8959826M8A
87C752/BXA OT	5962-9157703MXA	EDI88128CS20LB	5962-8959839MUA	EDI88128LPS55CB	5962-8959809MXA
87C752-16/BXA	5962-9157702MXA	EDI88128CS20NB	5962-8959839MYA	EDI88128LPS55FB	5962-8959809MTA
87C752-16/BXA OT	5962-9157704MXA	EDI88128CS20TB	5962-8959839MZA	EDI88128LPS55LB	5962-8959809MUA
SP8782 (GEN)	5962-9208901MPA	EDI88128CS20ZB	5962-8959839M8A	EDI88128LPS55NB	5962-8959809MYA
8784-001 (GEN)	5962-96A1801QXA	EDI88128LPS20CB	5962-8959840MXA	EDI88128LPS55TB	5962-8959809MZA
8797BH (GEN)	5962-8680901YA	EDI88128LPS20FB	5962-8959840MTA	EDI88128LPS55ZB	5962-8959809M8A
8797BH (GEN)	5962-8680901ZA	EDI88128LPS20LB	5962-8959840MUA	EDI88128C70CB	5962-8959843MXA
SP8799 (GEN)	5962-9176101MPA	EDI88128LPS20NB	5962-8959840MYA	EDI88128C70NB	5962-8959843MYA
DAC-88/883	5962-9057001HXA	EDI88128LPS20TB	5962-8959840MZA	EDI88128CS70CB	5962-8959825MXA
DAC-88/883	5962-9057001HXC	EDI88128LPS20ZB	5962-8959840M8A	EDI88128CS70FB	5962-8959825MTA
SP8802 (GEN)	5962-9066101MPA	EDI88128CS25CB	5962-8959829MXA	EDI88128CS70LB	5962-8959825MUA
SP8804 (GEN)	5962-9056701MPA	EDI88128CS25FB	5962-8959829MTA	EDI88128CS70NB	5962-8959825MYA
SP8808 (GEN)	5962-9157001MPA	EDI88128CS25LB	5962-8959829MUA	EDI88128CS70TB	5962-8959825MZA
8808AC-10 (GEN)	5962-8552503YA	EDI88128CS25NB	5962-8959829MYA	EDI88128CS70ZB	5962-8959825M8A
8808AC-12 (GEN)	5962-8552502YA	EDI88128CS25TB	5962-8959829MZA	EDI88128LP70CB	5962-8959842MXA
8808ACL-12 (GEN)	5962-8552513YA	EDI88128CS25ZB	5962-8959829M8A	EDI88128LP70NB	5962-8959842MYA
8808AC-15 (GEN)	5962-8552501XA	EDI88128LPS25CB	5962-8959812MXA	EDI88128LPS70CB	5962-8959808MXA
8808AC-15 (GEN)	5962-8552501YA	EDI88128LPS25FB	5962-8959812MTA	EDI88128LPS70FB	5962-8959808MTA
8808AC-55 (GEN)	5962-8552505XA	EDI88128LPS25LB	5962-8959812MUA	EDI88128LPS70LB	5962-8959808MUA
8808AC-55 (GEN)	5962-8552505YA	EDI88128LPS25NB	5962-8959812MYA	EDI88128LPS70NB	5962-8959808MYA
8808AC-70 (GEN)	5962-8552504YA	EDI88128LPS25TB	5962-8959812MZA	EDI88128LPS70TB	5962-8959808MZA
EDI88128CS100CB	5962-8959823MXA	EDI88128LPS25ZB	5962-8959812M8A	EDI88128LPS70ZB	5962-8959808M8A
EDI88128CS100LB	5962-8959823MUA	EDI88128CS35CB	5962-8959828MXA	EDI88128CS85CB	5962-8959824MXA
EDI88128CS100NB	5962-8959823MYA	EDI88128CS35FB	5962-8959828MTA	EDI88128CS85FB	5962-8959824MTA
EDI88128CS100TB	5962-8959823MZA	EDI88128CS35LB	5962-8959828MUA	EDI88128CS85LB	5962-8959824MUA
EDI88128CS100ZB	5962-8959823M8A	EDI88128CS35NB	5962-8959828MYA	EDI88128CS85NB	5962-8959824MYA
EDI88128LPS100CB	5962-8959806MXA	EDI88128CS35TB	5962-8959828MZA	EDI88128CS85TB	5962-8959824MZA
EDI88128LPS100FB	5962-8959806MTA	EDI88128CS35ZB	5962-8959828M8A	EDI88128CS85ZB	5962-8959824M8A
EDI88128LPS100LB	5962-8959806MUA	EDI88128LPS35CB	5962-8959811MXA	EDI88128LPS85CB	5962-8959807MXA
EDI88128LPS100NB	5962-8959806MYA	EDI88128LPS35FB	5962-8959811MTA	EDI88128LPS85FB	5962-8959807MTA
EDI88128LPS100TB	5962-8959806MZA	EDI88128LPS35LB	5962-8959811MUA	EDI88128LPS85LB	5962-8959807MUA
EDI88128LPS100ZB	5962-8959806M8A	EDI88128LPS35NB	5962-8959811MYA	EDI88128LPS85NB	5962-8959807MYA
EDI88130CS100FB	5962-8959823MTA	EDI88128LPS35TB	5962-8959811MZA	EDI88128LPS85TB	5962-8959807MZA
EDI88128CS12TB	5962-8959846MZA	EDI88128LPS35ZB	5962-8959811M8A	EDI88128LPS85ZB	5962-8959807M8A
EDI88130CS12L32B	5962-8959845MMA	EDI88128CS45CB	5962-8959827MXA	EDI88130CS100CB	5962-8959831MXA
EDI88130CS12TB	5962-8959845MZA	EDI88128CS45FB	5962-8959827MTA	EDI88130CS100FB	5962-8959831MTA
EDI88128CS120CB	5962-8959822MXA	EDI88128CS45LB	5962-8959827MUA	EDI88130CS100LB	5962-8959831MUA
EDI88128CS120FB	5962-8959822MTA	EDI88128CS45NB	5962-8959827MYA	EDI88130CS100NB	5962-8959831MYA
EDI88128CS120NB	5962-8959822MYA	EDI88128CS45TB	5962-8959827MZA	EDI88130CS100TB	5962-8959831MZA
EDI88128CS120TB	5962-8959822MZA	EDI88128CS45ZB	5962-8959827M8A	EDI88130LPS100CB	5962-8959814MXA
EDI88128CS120ZB	5962-8959822M8A	EDI88128LPS45CB	5962-8959810MXA	EDI88130LPS100FB	5962-8959814MTA
EDI88128LPS120CB	5962-8959805MXA	EDI88128LPS45FB	5962-8959810MTA	EDI88130LPS100LB	5962-8959814MUA
EDI88128LPS120FB	5962-8959805MTA	EDI88128LPS45LB	5962-8959810MUA	EDI88130LPS100NB	5962-8959814MYA
EDI88128LPS120LB	5962-8959805MUA	EDI88128LPS45NB	5962-8959810MYA	EDI88130LPS100TB	5962-8959814MZA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
EDI88130CS100L32B	5962-8959831MMA	EDI88130CS45CB	5962-8959835MXA	EDI88512CA12CB	5962-9560016QXA
EDI88130LPS100L32B	5962-8959814MMA	EDI88130CS45FB	5962-8959835MTA	EDI88512CA12F32B	5962-9560016Q9A
EDI88130CS120CB	5962-8959830MXA	EDI88130CS45LB	5962-8959835MUA	EDI88512CA12F36B	5962-9560016QTA
EDI88130CS120FB	5962-8959830MTA	EDI88130CS45NB	5962-8959835MYA	EDI88512CA12L32B	5962-9560016QZA
EDI88130CS120LB	5962-8959830MUA	EDI88130CS45TB	5962-8959835MZA	EDI88512CA12N36B	5962-9560016QMA
EDI88130CS120NB	5962-8959830MYA	EDI88130LPS45CB	5962-8959818MXA	EDI88512CA12NB	5962-9560016QUA
EDI88130CS120TB	5962-8959830MZA	EDI88130LPS45FB	5962-8959818MTA	EDI88512LPA12CB	5962-9560015QXA
EDI88130LPS120CB	5962-8959813MXA	EDI88130LPS45LB	5962-8959818MUA	EDI88512LPA12F32B	5962-9560015Q9A
EDI88130LPS120FB	5962-8959813MTA	EDI88130LPS45NB	5962-8959818MYA	EDI88512LPA12F36B	5962-9560015QTA
EDI88130LPS120LB	5962-8959813MUA	EDI88130LPS45TB	5962-8959818MZA	EDI88512LPA12L32B	5962-9560015QZA
EDI88130LPS120NB	5962-8959813MYA	EDI88130CS45L32B	5962-8959835MMA	EDI88512LPA12N36B	5962-9560015QMA
EDI88130LPS120TB	5962-8959813MZA	EDI88130LPS45L32B	5962-8959818MMA	EDI88512LPA12NB	5962-9560015QUA
EDI88130CS120L32B	5962-8959830MMA	EDI88130CS55CB	5962-8959834MXA	EDI88512CA15CB	5962-9560014QXA
EDI88130LPS120L32B	5962-8959813MMA	EDI88130CS55FB	5962-8959834MTA	EDI88512CA15F32B	5962-9560014Q9A
EDI88130CS15L32B	5962-8959841MMA	EDI88130CS55LB	5962-8959834MUA	EDI88512CA15F36B	5962-9560014QTA
EDI88130CS15TB	5962-8959841MZA	EDI88130CS55NB	5962-8959834MYA	EDI88512CA15L32B	5962-9560014QZA
EDI88130CS20CB	5962-8959838MXA	EDI88130CS55TB	5962-8959834MZA	EDI88512CA15N36B	5962-9560014QMA
EDI88130CS20FB	5962-8959838MTA	EDI88130LPS55CB	5962-8959817MXA	EDI88512CA15NB	5962-9560014QUA
EDI88130CS20LB	5962-8959838MUA	EDI88130LPS55FB	5962-8959817MTA	EDI88512LPA15CB	5962-9560013QXA
EDI88130CS20NB	5962-8959838MYA	EDI88130LPS55LB	5962-8959817MUA	EDI88512LPA15F32B	5962-9560013Q9A
EDI88130CS20TB	5962-8959838MZA	EDI88130LPS55NB	5962-8959817MYA	EDI88512LPA15F36B	5962-9560013QTA
EDI88130LPS20CB	5962-8959821MXA	EDI88130LPS55TB	5962-8959817MZA	EDI88512LPA15L32B	5962-9560013QZA
EDI88130LPS20FB	5962-8959821MTA	EDI88130CS55L32B	5962-8959834MMA	EDI88512LPA15N36B	5962-9560013QMA
EDI88130LPS20LB	5962-8959821MUA	EDI88130LPS55L32B	5962-8959817MMA	EDI88512LPA15NB	5962-9560013QUA
EDI88130LPS20NB	5962-8959821MYA	EDI88130CS70CB	5962-8959833MXA	EDI88512CA20B32B	5962-9560004MYA
EDI88130LPS20TB	5962-8959821MZA	EDI88130CS70FB	5962-8959833MTA	EDI88512CA20CB	5962-9560004MXA
EDI88130CS20L32B	5962-8959838MMA	EDI88130CS70LB	5962-8959833MUA	EDI88512CA20F32B	5962-9560004M9A
EDI88130LPS20L32B	5962-8959821MMA	EDI88130CS70NB	5962-8959833MYA	EDI88512CA20F36B	5962-9560004MTA
EDI88130CS25CB	5962-8959837MXA	EDI88130CS70TB	5962-8959833MZA	EDI88512CA20L32B	5962-9560004MZA
EDI88130CS25FB	5962-8959837MTA	EDI88130LPS70CB	5962-8959816MXA	EDI88512CA20N36B	5962-9560004MMA
EDI88130CS25LB	5962-8959837MUA	EDI88130LPS70FB	5962-8959816MTA	EDI88512CA20NB	5962-9560004MUA
EDI88130CS25NB	5962-8959837MYA	EDI88130LPS70LB	5962-8959816MUA	EDI88512LPA20B32B	5962-9560008MYA
EDI88130CS25TB	5962-8959837MZA	EDI88130LPS70NB	5962-8959816MYA	EDI88512LPA20CB	5962-9560008MXA
EDI88130LPS25CB	5962-8959820MXA	EDI88130LPS70TB	5962-8959816MZA	EDI88512LPA20CB	5962-9560012QXA
EDI88130LPS25FB	5962-8959820MTA	EDI88130CS70L32B	5962-8959833MMA	EDI88512LPA20F32B	5962-9560008M9A
EDI88130LPS25LB	5962-8959820MUA	EDI88130LPS70L32B	5962-8959816MMA	EDI88512LPA20F36B	5962-9560012Q9A
EDI88130LPS25NB	5962-8959820MYA	EDI88130CS85CB	5962-8959832MXA	EDI88512LPA20F36B	5962-9560008MTA
EDI88130LPS25TB	5962-8959820MZA	EDI88130CS85FB	5962-8959832MTA	EDI88512LPA20F36B	5962-9560012QTA
EDI88130CS25L32B	5962-8959837MMA	EDI88130CS85LB	5962-8959832MUA	EDI88512LPA20L32B	5962-9560008MZA
EDI88130LPS25L32B	5962-8959820MMA	EDI88130CS85NB	5962-8959832MYA	EDI88512LPA20L32B	5962-9560012QZA
EDI88130CS35CB	5962-8959836MXA	EDI88130CS85TB	5962-8959832MZA	EDI88512LPA20N36B	5962-9560008MMA
EDI88130CS35FB	5962-8959836MTA	EDI88130LPS85CB	5962-8959815MXA	EDI88512LPA20N36B	5962-9560012QMA
EDI88130CS35LB	5962-8959836MUA	EDI88130LPS85FB	5962-8959815MTA	EDI88512LPA20NB	5962-9560008MUA
EDI88130CS35NB	5962-8959836MYA	EDI88130LPS85LB	5962-8959815MUA	EDI88512LPA20NB	5962-9560012QUA
EDI88130CS35TB	5962-8959836MZA	EDI88130LPS85NB	5962-8959815MYA	EDI88512CA25B32B	5962-9560003MYA
EDI88130LPS35CB	5962-8959819MXA	EDI88130LPS85TB	5962-8959815MZA	EDI88512CA25CB	5962-9560003MXA
EDI88130LPS35FB	5962-8959819MTA	EDI88130CS85L32B	5962-8959832MMA	EDI88512CA25F32B	5962-9560003M9A
EDI88130LPS35LB	5962-8959819MUA	EDI88130LPS85L32B	5962-8959815MMA	EDI88512CA25F36B	5962-9560003MTA
EDI88130LPS35NB	5962-8959819MYA	EPF8820 (GEN)	5962-9463401MXC	EDI88512CA25L32B	5962-9560003MZA
EDI88130LPS35TB	5962-8959819MZA	EPF8820 (GEN)	5962-9463401MYA	EDI88512CA25N36B	5962-9560003MMA
EDI88130CS35L32B	5962-8959836MMA	8828-001 (GEN)	5962-01A0901NXB	EDI88512CA25NB	5962-9560003MUA
EDI88130LPS35L32B	5962-8959819MMA	SP8830AC (GEN)	5962-9157201MPA	EDI88512LPA25B32B	5962-9560007MYA

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
EDI88512LPA25CB	5962-9560007MXA	UT8MR8M8-50XQC	5962H1320701QXC	UT90nHBD01_QZC	5962R14B0101QZC
EDI88512LPA25CB	5962-9560011QXA	UT8MR8M8-50XQC	5962H1320702QXC	UT90nHBD01_VTC	5962R14B0101VTC
EDI88512LPA25F32B	5962-9560007M9A	UT8MR8M8-50XVC	5962H1320701VXC	UT90nHBD01_VUC	5962R14B0101VUC
EDI88512LPA25F32B	5962-9560011Q9A	UT8QNF8M8-60XEC	5962D1220401QXC	UT90nHBD01_VXC	5962R14B0101VXC
EDI88512LPA25F36B	5962-9560007MTA	UT8QNF8M8-60XEC	5962D1220402QXC	UT90nHBD01_VYC	5962R14B0101VYC
EDI88512LPA25F36B	5962-9560011QTA	UT8QNF8M8-60XEC	5962L1220403QXC	UT90nHBD01_VZC	5962R14B0101VZC
EDI88512LPA25L32B	5962-9560007MZA	UT8QNF8M8-60XEC	5962L1220404QXC	AD9002S (GEN)	5962-9050801M3A
EDI88512LPA25L32B	5962-9560011QZA	UT8QNF8M8-Q-DIE	5962D1220401Q9A	AD9002S (GEN)	5962-9050801MXA
EDI88512LPA25N36B	5962-9560007MMA	UT8QNF8M8-Q-DIE	5962D1220402Q9A	AD9002T (GEN)	5962-9050802M3A
EDI88512LPA25N36B	5962-9560011QMA	UT8QNF8M8-Q-DIE	5962L1220403Q9A	AD9002T (GEN)	5962-9050802MXA
EDI88512LPA25NB	5962-9560007MUA	UT8QNF8M8-Q-DIE	5962L1220404Q9A	DS90C031 (GEN)	5962-9583301QFA
EDI88512LPA25NB	5962-9560011QUA	88914 (GEN)	5962-9317601QCA	DS90C031 (GEN)	5962-9583301QZA
EDI88512CA35B32B	5962-9560002MYA	88914 (GEN)	5962-9317601QDA	DS90C031 (GEN)	5962-9583301VZA
EDI88512CA35CB	5962-9560002MXA	TS88915TMRBQ100	5962-9319603QZC	DS90C031E-QML	5962-9583301Q2A
EDI88512CA35F32B	5962-9560002M9A	TS88915TMWBQ100	5962-9319603QXC	DS90C031WGRQMLV	5962R9583301VZA
EDI88512CA35F36B	5962-9560002MTA	88915-55 (GEN)	5962-9319601QYC	DS90C031W-QMLV	5962-9583301VFA
EDI88512CA35L32B	5962-9560002MZA	88915-55 (GEN)	5962-9319601QZC	DS90C031WRQMLV	5962R9583301VFA
EDI88512CA35N36B	5962-9560002MMA	TS88915TMRBQ70	5962-9319602QZC	DS90LV031A (GEN)	5962-9865101QXA
EDI88512CA35NB	5962-9560002MUA	TS88915TMWBQ70	5962-9319602QXC	DS90LV031AW-QML	5962-9865101QFA
EDI88512LPA35B32B	5962-9560006MYA	8908CA35 (GEN)	5962-8988303YA	DS90C032 (GEN)	5962-9583401QFA
EDI88512LPA35CB	5962-9560006MXA	8908CA45 (GEN)	5962-8988302YA	DS90C032 (GEN)	5962-9583401QZA
EDI88512LPA35CB	5962-9560010QXA	8908CA55 (GEN)	5962-8988301YA	DS90C032 (GEN)	5962-9583401VZA
EDI88512LPA35F32B	5962-9560006M9A	HSDC-8915 (GEN)	5962-9055402XA	DS90C032E-QML	5962-9583401Q2A
EDI88512LPA35F32B	5962-9560010Q9A	HSDC-8915A (GEN)	5962-9055401XA	DS90C032WGLQMLV	5962L9583401VZA
EDI88512LPA35F36B	5962-9560006MTA	HSDC-8917II-1 (GEN)	5962-9070702HYA	DS90C032WLQMLV	5962L9583401VFA
EDI88512LPA35F36B	5962-9560010QTA	HSDC-8917II-1A (GEN)	5962-9070701HYA	DS90C032W-QMLV	5962-9583401VFA
EDI88512LPA35L32B	5962-9560006MZA	HSDC-8919II-1 (GEN)	5962-9070704HYA	DS90LV032A (GEN)	5962-9865201QXA
EDI88512LPA35L32B	5962-9560010QZA	HSDC-8919II-1A (GEN)	5962-9070703HYA	DS90LV032AW-QML	5962-9865201QFA
EDI88512LPA35N36B	5962-9560006MMA	HSDC8920 (GEN)	5962-8768701XA	AD9005B (GEN)	5962-9066601HXA
EDI88512LPA35N36B	5962-9560010QMA	LMA9K (GEN)	5962-95B0102M4C	UT90nHBD05_QTC	5962R14B0102QTC
EDI88512LPA35NB	5962-9560006MUA	LMA9K (GEN)	5962-95B0102M5C	UT90nHBD05_QUC	5962R14B0102QU
EDI88512LPA35NB	5962-9560010QUA	LMA9K (GEN)	5962-95B0102M6C	UT90nHBD05_QXC	5962R14B0102QXC
EDI88512CA45B32B	5962-9560001MYA	LMA9K (GEN)	5962-95B0102M7C	UT90nHBD05_QYC	5962R14B0102QY
EDI88512CA45CB	5962-9560001MXA	LMA9K (GEN)	5962-95B0102M8C	UT90nHBD05_QZC	5962R14B0102QZC
EDI88512CA45F32B	5962-9560001M9A	LMA9K (GEN)	5962-95B0102M9C	UT90nHBD05_VTC	5962R14B0102VTC
EDI88512CA45F36B	5962-9560001MTA	LMA9K (GEN)	5962-95B0102MCC	UT90nHBD05_VUC	5962R14B0102VUC
EDI88512CA45L32B	5962-9560001MZA	LMA9K (GEN)	5962-95B0102MMC	UT90nHBD05_VXC	5962R14B0102VXC
EDI88512CA45N36B	5962-9560001MMA	LMA9K (GEN)	5962-95B0102MNC	UT90nHBD05_VYC	5962R14B0102VYC
EDI88512CA45NB	5962-9560001MUA	LMA9K (GEN)	5962-95B0102MTC	UT90nHBD05_VZC	5962R14B0102VZC
EDI88512LPA45B32B	5962-9560005MYA	LMA9K (GEN)	5962-95B0102MUC	EP900-60 (GEN)	5962-8854801QA
EDI88512LPA45CB	5962-9560005MXA	LMA9K (GEN)	5962-95B0102MXC	HS0-9008RH-Q	5962F9669601V9A
EDI88512LPA45CB	5962-9560009QXA	LMA9K (GEN)	5962-95B0102MYC	HS-9008 (GEN)	5962F9669601VXC
EDI88512LPA45F32B	5962-9560005M9A	LMA9K (GEN)	5962-95B0102MZC	HS-9008 (GEN)	5962F9669601VYC
EDI88512LPA45F32B	5962-9560009Q9A	LMF90 (GEN)	5962-9096801MCA	HS-9008 (GEN)	5962F9669601QXC
EDI88512LPA45F36B	5962-9560005MTA	OP90A (GEN)	5962-89896012A	HS-9008 (GEN)	5962F9669601QYC
EDI88512LPA45F36B	5962-9560009QTA	OP90A (GEN)	5962-8989601PA	INA901A-SP	5962-1821001VXC
EDI88512LPA45L32B	5962-9560005MZA	AD9000 (GEN)	5962-89900013A	TSS901E (GEN)	5962-01A1701QXC
EDI88512LPA45L32B	5962-9560009QZA	AD9000 (GEN)	5962-8990001EA	TSS901E (GEN)	5962-01A1701VXC
EDI88512LPA45N36B	5962-9560005MMA	UT90nHBD01_QTC	5962R14B0101QTC	UT90nHBD10_QTC	5962R14B0103QTC
EDI88512LPA45N36B	5962-9560009QMA	UT90nHBD01_QUC	5962R14B0101QU	UT90nHBD10_QUC	5962R14B0103QU
EDI88512LPA45NB	5962-9560005MUA	UT90nHBD01_QXC	5962R14B0101QXC	UT90nHBD10_QXC	5962R14B0103QXC
EDI88512LPA45NB	5962-9560009QUA	UT90nHBD01_QYC	5962R14B0101QY	UT90nHBD10_QYC	5962R14B0103QY

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## APPENDIX

## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
UT90nHBD10_QZC	5962R14B0103QZC	UT90nHBD45_VYC	5962R14B0106VYC	ADS-927/883	5962-9475701HXC
UT90nHBD10_VTC	5962R14B0103VTC	UT90nHBD45_VZC	5962R14B0106VZC	HCTS93 (GEN)	5962R9573701V9A
UT90nHBD10_VUC	5962R14B0103VUC	AD9048S (GEN)	5962-9092702M3A	HCTS93 (GEN)	5962R9573701VCC
UT90nHBD10_VXC	5962R14B0103VXC	AD9048S (GEN)	5962-9092702MXA	HCTS93 (GEN)	5962R9573701VXC
UT90nHBD10_VYC	5962R14B0103VYC	AD9048T (GEN)	5962-9092701M3A	AD9300 (GEN)	5962-9201401M2A
UT90nHBD10_VZC	5962R14B0103VZC	AD9048T (GEN)	5962-9092701MXA	AD9300 (GEN)	5962-9201401MEA
AD9012S (GEN)	5962-89654013A	AD9058AT (GEN)	5962-9470301MXA	93S16/BEA	5962-8672701EA
AD9012S (GEN)	5962-8965401XA	AD9058AT (GEN)	5962-9470301MYA	93S16/BFA	5962-8672701FA
AD9012T (GEN)	5962-89654023A	AD9060S (GEN)	5962-9158101MXC	SP9320 (GEN)	5962-9561601MXA
AD9012T (GEN)	5962-8965402XA	AD9060S (GEN)	5962-9158101MYA	DM9328 (GEN)	5962-9558501QEA
TSS902EAMQ	5962-02A0701QXC	AD9060T (GEN)	5962-9158102MXC	HS9342 (GEN)	5962-8862901XA
TSS902EASV	5962-02A0701VXC	AD9060T (GEN)	5962-9158102MYA	93S48/BEA	5962-8672601EA
AD9020S (GEN)	5962-9463701MXC	9064-15 (GEN)	8201009EA	93S48/BFA	5962-8672601FA
AD9020S (GEN)	5962-9463701MYA	9064-15 (GEN)	8201010EA	CLC935B (GEN)	5962-9203901HXA
AD9020T (GEN)	5962-9463702MXC	AD9070T (GEN)	5962-9756301HXC	93CS66 (GEN)	5962-9154901MPA
AD9020T (GEN)	5962-9463702MYA	ADC908A (GEN)	5962-8961601VA	93667-45 (GEN)	8200903LA
UT90nHBD20_QTC	5962R14B0104QTC	ADC908B (GEN)	5962-89616022A	93667-55 (GEN)	8200902LA
UT90nHBD20_QUC	5962R14B0104QU	ADC908B (GEN)	5962-8961602VA	HS9378 (GEN)	5962-8986201XA
UT90nHBD20_QXC	5962R14B0104QXC	8080A (GEN)	7700201QX	HS9378 (GEN)	5962-8986202XA
UT90nHBD20_QYC	5962R14B0104QY	AD9100SD (GEN)	5962-9453501HXA	HS9403-16 (GEN)	5962-8851402XA
UT90nHBD20_QZC	5962R14B0104QZC	EP910-20 (GEN)	5962-9079903MQA	HS9403-16 (GEN)	5962-8851402YA
UT90nHBD20_VTC	5962R14B0104VTC	EP910-25 (GEN)	5962-9079902MQA	HS9403-8 (GEN)	5962-8851401XA
UT90nHBD20_VUC	5962R14B0104VUC	EP910-30 (GEN)	5962-9079901MQA	OM9422SFM	5962-8877007HC
UT90nHBD20_VXC	5962R14B0104VXC	9122-35 (GEN)	5962-8859501KA	ADS-944/883	5962-9319801HXA
UT90nHBD20_VYC	5962R14B0104VYC	9122-35 (GEN)	5962-8859501WA	ADS-944/883	5962-9319801HXC
UT90nHBD20_VZC	5962R14B0104VZC	MN91253 (GEN)	5962-9477402HXA	F9450-15 (GEN)	8416901XA
UT90nHBD30_QTC	5962R14B0105QTC	MN91253 (GEN)	5962-9477402HXC	F9450-15 (GEN)	8416901YA
UT90nHBD30_QUC	5962R14B0105QU	MN91254 (GEN)	5962-9477401HXA	F9450-F15 (GEN)	8416904XA
UT90nHBD30_QXC	5962R14B0105QXC	MN91254 (GEN)	5962-9477401HXC	F9450-F15 (GEN)	8416904YA
UT90nHBD30_QYC	5962R14B0105QY	9150-25 (GEN)	5962-8759201KA	F9450-F18 (GEN)	8416902XA
UT90nHBD30_QZC	5962R14B0105QZC	9150-25 (GEN)	5962-8759201LA	F9450-F18 (GEN)	8416902YA
UT90nHBD30_VTC	5962R14B0105VTC	9150-25 (GEN)	5962-8759201XA	F9450-F20 (GEN)	8416903XA
UT90nHBD30_VUC	5962R14B0105VUC	9150-35 (GEN)	5962-8759202KA	F9450-F20 (GEN)	8416903YA
UT90nHBD30_VXC	5962R14B0105VXC	9150-35 (GEN)	5962-8759202LA	SP9462 (GEN)	5962-9579901HXA
UT90nHBD30_VYC	5962R14B0105VYC	9150-35 (GEN)	5962-8759202XA	SP9463 (GEN)	5962-9579902HXA
UT90nHBD30_VZC	5962R14B0105VZC	9150-45 (GEN)	5962-8759203KA	SP9472 (GEN)	5962-9579903HXA
HAA-03180R4556 (GEN)	5962-97A1101VXC	9150-45 (GEN)	5962-8759203LA	SP9473 (GEN)	5962-9579904HXA
AD9040A (GEN)	5962-9475901MXA	9150-45 (GEN)	5962-8759203XA	HAA-51154R4552 (GEN)	5962-97A1001VXC
AD9040A (GEN)	5962-9475901MYC	HC9172 (GEN)	5962-9094301H3A	HAA-51155R4553 (GEN)	5962-97A0701VXC
AD9042S (GEN)	5962-0253801VXA	9241M (GEN)	5962-9552504MRA	HAA-51156R4554 (GEN)	5962-97A0801VXC
AD9042S (GEN)	5962-0253801VZA	9241U (GEN)	5962-9552503MRA	9Q512 (GEN)	5962D0053601Q9A
AD9042SD/QMLR	5962R0253801VXA	9241W (GEN)	5962-9552502MRA	9Q512 (GEN)	5962D0053601QUA
AD9042SF/QMLL	5962L0253802VZA	9241Y (GEN)	5962-9552501MRA	9Q512 (GEN)	5962D0053601QXA
AD9042SF/QMLR	5962R0253801VZA	HS-2422 (GEN)	5962-97A0501V9A	9Q512 (GEN)	5962D0053601TUA
UT90nHBD45_QTC	5962R14B0106QTC	HS-2422 (GEN)	5962-97A0501VXC	9Q512 (GEN)	5962D0053601TXA
UT90nHBD45_QUC	5962R14B0106QU	AD9246AF/QMLR	5962R1422701VXC	9Q512 (GEN)	5962L0053601Q9A
UT90nHBD45_QXC	5962R14B0106QXC	ADCLK925AF/QMLL	5962L1320502VXA	9Q512 (GEN)	5962L0053601QUA
UT90nHBD45_QYC	5962R14B0106QY	ADCLK925AF/QMLR	5962R1320501VXA	9Q512 (GEN)	5962L0053601QXA
UT90nHBD45_QZC	5962R14B0106QZC	CLC925B (GEN)	5962-9099501HXC	9Q512 (GEN)	5962L0053601T9A
UT90nHBD45_VTC	5962R14B0106VTC	HS-2626 (GEN)	5962-97A0301V9A	9Q512 (GEN)	5962L0053601TUA
UT90nHBD45_VUC	5962R14B0106VUC	HS-2626 (GEN)	5962-97A0301VXC	9Q512 (GEN)	5962L0053601TXA
UT90nHBD45_VXC	5962R14B0106VXC	ADS-927/883	5962-9475701HXA	9Q512 (GEN)	5962L0053602Q9A



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## SECTION 1, MICROCIRCUITS

## PART II, Listed By Generic PIN

Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN	Vendor PIN	Drawing PIN
9Q512 (GEN)	5962L0053602QUA	96F172 (GEN)	5962-9076501MFA	AD9713BT (GEN)	5962-9091104MXA
9Q512 (GEN)	5962L0053602QXA	96F172 (GEN)	5962-9076501VEA	HS9716 (GEN)	5962-8956601HCA
9Q512 (GEN)	5962L0053602T9A	96F173 (GEN)	5962-9076602VEA	HS9716 (GEN)	5962-8956601HXA
9Q512 (GEN)	5962L0053602TUA	DS96F172ME/883	5962-9076501M2A	AD9720 (GEN)	5962-9306201M3A
9Q512 (GEN)	5962L0053602TXA	DS96F172MJ/883	5962-9076501MEA	AD9720 (GEN)	5962-9306201MXA
9Q512 (GEN)	5962L0053603Q9A	DS96F175MJ-QMLV	5962-9076601VEA	AD9721 (GEN)	5962-9306202M3A
9Q512 (GEN)	5962L0053603QUA	96F173 (GEN)	5962-9076602MFA	AD9721 (GEN)	5962-9306202MXA
9Q512 (GEN)	5962L0053603QXA	DS96F173ME/883	5962-9076602M2A	AD976SD/883	5962-9756401QXA
9Q512 (GEN)	5962L0053603T9A	DS96F173MJ/883	5962-9076602MEA	SP9760 (GEN)	5962-9063001HXA
9Q512 (GEN)	5962L0053603TUA	96F174 (GEN)	5962-9076502MFA	HS-7687 (GEN)	5962-97A0601V9A
9Q512 (GEN)	5962L0053603TXA	DS96F174ME/883	5962-9076502M2A	HS-7687 (GEN)	5962-97A0601VXC
9Q512 (GEN)	5962L0053604Q9A	DS96F174MJ/883	5962-9076502MEA	AD977A (GEN)	5962-9861401QRA
9Q512 (GEN)	5962L0053604QUA	DS96F174MJ-QMLV	5962-9076502VEA	9862-075 (GEN)	5962-94A1801QXA
9Q512 (GEN)	5962L0053604QXA	96F175 (GEN)	5962-9076601MEA	9862-076 (GEN)	5962-94A1901QXA
9Q512 (GEN)	5962L0053604T9A	96F175 (GEN)	5962-9076601MFA	9862-079 (GEN)	5962-94A1701QXC
9Q512 (GEN)	5962L0053604TUA	DS96F175ME/883	5962-9076601M2A	9863-027 (GEN)	5962-02A0101QXC
9Q512 (GEN)	5962L0053604TXA	AD9618S (GEN)	5962-9086803MPA	LM98640-RHA	5962R1820301VXC
UT9Q512E-QDIE	5962L0053605Q9B	AD9618S (GEN)	5962-9086803MXC	9864-006 (GEN)	5962-00A1001QXA
UT9Q512E-QDIE	5962L0053606Q9B	AD9618T (GEN)	5962-9086804MPA	9866-055 (GEN)	5962-94A1101QXC
UT9Q512E-VDIE	5962L0053605V9B	AD9618T (GEN)	5962-9086804MXC	9868-056 (GEN)	5962-96A0801QXA
UT9Q512E-VDIE	5962L0053606V9B	9622 (GEN)	5962-8752201AA	9868-062 (GEN)	5962-96A0901QXA
UT9Q512E-20YCA	5962L0053605QYA	GEM41201Q2A	5962-87522012A	CF98700JD (GEN)	5962-93A0201MXA
UT9Q512E-20YCA	5962L0053605VYA	GEM41201Q2C	5962-87522012C	CF98702JD (GEN)	5962-93A0301MXA
UT9Q512E-20YCC	5962L0053605QYC	GEM41201QCA	5962-8752201CA	9872-030 (GEN)	5962-96A1001QXA
UT9Q512E--20YCC	5962L0053605VYC	GEM41201QCC	5962-8752201CC	9880-025 (GEN)	5962-96A0401QXC
UT9Q512E-20YWA	5962L0053606QYA	GEM41201QXA	5962-8752201XA	9880-026 (GEN)	5962-98A2201QXC
UT9Q512E--20YWA	5962L0053606VYA	GEM41201QXC	5962-8752201XC	CAG99A_QG_DIEG	5962G1523801Q9A
UT9Q512E-20YWC	5962L0053606QYC	9627 (GEN)	5962-8978701MEA	CAG99A_QH_DIEH	5962H1523802Q9A
UT9Q512E--20YWC	5962L0053606VYC	9636A (GEN)	5962-8752301PA	CAG99A_VG_DIEG	5962G1523801V9A
9Q512K32 (GEN)	5962L0151101QXA	DS9637AMJ/883	5962-8752401PA	CAG99A_VH_DIEH	5962H1523802V9A
9Q512K32 (GEN)	5962L0151101TXA	DS9638J/883	5962-8754601PA	CAS99A_QG_DIEG	5962G1523901Q9A
UT9Q512K32E-SWC	5962L0151102QYC	96685 (GEN)	86008042A	CAS99A_QH_DIEH	5962H1523902Q9A
UT9Q512K32E-SWC	5962L0151102VYC	96685 (GEN)	8600804EA	CAS99A_VG_DIEG	5962G1523901V9A
UT9Q512K32E-SWC	5962L0151103QYC	96685 (GEN)	8600804IA	CAS99A_VH_DIEH	5962H1523902V9A
9513A (GEN)	5962-8552301QA	AD96687 (GEN)	78019032A	99004 (GEN)	5962-94A1201MYC
9513A (GEN)	5962-8552301XA	AD96687 (GEN)	7801903EA	AD9901T (GEN)	5962-9097901M2A
9517A/BQA	5962-8757501QA	AD9696 (GEN)	5962-9234701MIA	AD9901T (GEN)	5962-9097901MCA
9517A-4/BQA	5962-8757502QA	AD9696 (GEN)	5962-9234701MPA	9914A (GEN)	5962-8751901QA
9519A/BXA	5962-8759701XA	AD9696 (GEN)	5962-9234701MXC	9914A (GEN)	5962-8751901XA
9519A/BYA	5962-8759701YA	AD9696T (GEN)	5962-9234703VHA	AD10265 (GEN)	5962R0151901TXA
9519A/XA	5962-8759701XA	AD9696T (GEN)	5962-9234703VPA		
9519A/YA	5962-8759701YA	AD9698 (GEN)	5962-9234702MEA		
HS9576S (GEN)	5962-9079501HXA	AD9698 (GEN)	5962-9234702MYC		
HS9576S (GEN)	5962-9079503HXA	OP97A (GEN)	5962-8954401GA		
HS9576T (GEN)	5962-9079502HXA	OP97AZ/883	5962-8954401PA		
HS9576T (GEN)	5962-9079504HXA	AD9712BS (GEN)	5962-9091101M3A		
SP9588 (GEN)	5962-9063101HXA	AD9712BS (GEN)	5962-9091101MXA		
96002-33 (GEN)	5962-9315001MXA	AD9712BT (GEN)	5962-9091102M3A		
AD9617S (GEN)	5962-9086801MPA	AD9712BT (GEN)	5962-9091102MXA		
AD9617S (GEN)	5962-9086801MXC	AD9713BS (GEN)	5962-9091103M3A		
AD9617T (GEN)	5962-9086802MPA	AD9713BS (GEN)	5962-9091103MXA		
AD9617T (GEN)	5962-9086802MXC	AD9713BT (GEN)	5962-9091104M3A		



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Vendor	Cage	Address	Point of Contact	Comment
AEROFLEX	88379	Aeroflex Plainview, Inc. 35 South Service Road Plainview, NY 11803-4101	Joseph Labas 516-752-2448	
ANALOG (1)	24355	Analog Devices 1 Technology Way Norwood, MA 02062	Paul Kramarz 781-461-3801	
ANALOG (2)	24355	Analog Devices Rt 1 Industrial Park PO Box 9106 Norwood, MA 02062	Al McEvoy 781-937-2673 804 Woburn Street Wilmington, MA 01887-3462	
ANALOG (3)	24355	Analog Devices Rt 1 Industrial Park PO Box 9106 Norwood, MA 02062	Maura Payne 978-516-7669 20 Alpha Chelmsford, MA	
ANALOG (4)	24355	Analog Devices Rt 1 Industrial Park PO Box 9106 Norwood, MA 02062	Elaine Trotter 336-605-4234 7910 Triad Center Drive Greensboro, NC 27409-9605	
ANALOG (6)	34031	Analog Devices 7910 Triad Center Drive Greensboro, NC 27409-9605	Elaine Trotter 336-605-4234	CAGE code 34031 manufactures QML-38534 hybrid products.
ANAREN	31597	Anaren, Inc. 6635 Kirkville Road East Syracuse, NY 13057	Dan Miller 315-362-0760	
APEX	60024	Apex Microtechnology, Corp. 5980 North Shannon Road Tucson, AZ 85741-5230	520-690-8600	
API	U4388	API Microwave, Ltd. Fenner Road, South Denes Great Yarmouth Norfolk NR30 3PX England	Mark Whe band phone: 1493-743121 fax: 1493-858536	
ATMEL	0HSW	Atmel Corp. 1150 East Cheyenne Mountain Blvd. Colorado Springs, CO 80906	Carey Louie 408-522-7332	
ATMEL NANTES	F7400	Atmel Nantes La Chantrerie BP 70602 44306 Nantes Cedex 3 France	Valerie Lepaludier +33 240 181 633	
AVAGO	50434	Avago Technologies 1320 Ridder Park Drive San Jose, CA 95131	Debbi Beauchesne 408-433-8310	
BAE SYSTEMS	1RU44	BAE Systems 9300 Wellington Road Manassas, VA 20110-4122	Paul Nixon 571-364-7657	

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Vendor	Cage	Address	Point of Contact	Comment
COBHAM	65342	Cobham Colorado Springs, Inc. 4350 Centennial Blvd. Colorado Springs, CO 80907-3486	Robert Polk 719-594-8106	
CRANE	50821	Crane Electronics, Inc. 10301 Willows Road Redmond, WA 98052-2529		
CYPRESS	65786	Cypress Semiconductor 198 Champion Court San Jose, CA 95134-1709		
DATEL	50721	Datel, Inc. 11 Cabot Boulevard Mansfield, MA 02048-1151	Glenn Spragg 508-964-5338	
DDC	19645	Data Device Corporation 105 Wilbur Place Bohemia, NY 11716-2482	John Young 631-567-5600x7246	
DDC (1)	7NV27	Data Device Corporation Components Group, Inc. 9244 Balboa Ave. San Diego, CA 92123	Dean Hulett 631-567-5602	
DPA	6S055	DPA Labs Inc. dba DPA Components International 2251 Ward Ave. Simi Valley, CA 93065	Phil Young, Doug Schweitzer 805-581-9200	
E2V	0C7V7	Teledyne e2v, Inc. 765 Sycamore Drive Milpitas, CA 95035	Nancy Shindler	
E2V SEMI.	F8385	e2v Semiconductors Avenue De Rochepleine BP 123 Saint Egreve CEDEX 38521, France	Blanc Rolande	
HOLT	44270	Holt Integrated Circuits, Inc. 23351 Madero Mission Viejo, CA 92691-2730	Scott Paladichuk 949-859-8800	
HONEYWELL (1)	34168	Honeywell SSEC MN14-3C12 12001 Hwy 55 West Plymouth, MN 55441		
IDT	0SP21	Integrated Device Technology, Inc. 6 Jenner STE 100 Irvine, CA 92618-3855	Donald Lopez 6024 Silver Creek Valley Road San Jose, CA 95138	
INTER. RECT.1	69210	International Rectifier 205 Crawford Street Leominster, MA 01453-2353	Cora Gustason 978-466-5532	

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Vendor	Cage	Address	Point of Contact	Comment
INTER. RECT.2	52467	International Rectifier HIREL Products, Inc. 2520 Junction Avenue San Jose, CA 95134-1902	Granville 'Bo' Rains 408-450-5886	
LANSDALE	58625	Lansdale Semiconductor, Inc. 5245 S. 39th St. Phoenix, AZ 85040-9008	Dale Lillard 602-438-0123x215	
LINEAR TECH.	64155	Linear Technology Corp. 1630 McCarthy Blvd. Milpitas, CA 95035-7417		
MAXIM INTEG.	1ES66	Maxim Integrated 160 Rio Robles San Jose, CA 95134	Aamir Syed 408-601-3497	
MERCURY	54230	Mercury Corp. - Memory and Storage Solutions 3601 E. University Drive Phoenix, AZ 85034	Timothy Johnson Quality Manager 602-458-3200 Fax: 602-437-9307	
MICREL	60496	Micrel, Inc. 1849 Fortune Drive San Jose, CA 95131-1724	Karen Jakabcin 408-944-0800	
MICROPAC	31757	Micropac Industries, Inc. Optoelectronics Division 905 East Walnut Street Garland, TX 75040-6611	Ken Hall 972-272-3571	
MICROSEMI (1)	34333	Microsemi Analog Mixed Signal Group 11861 Western Avenue Garden Grove, CA 92841-2119	Pradeep Ravipati 408-643-6401	
MICROSEMI (2)	0J4Z0	Microsemi SoC Corp. a Microchip company 3870 N 1st St. San Jose, CA 95134	Pradeep Ravipati 408-643-6401	
MICROSEMI (3)	43611	Microsemi Corp. - Massachusetts dba Microsemi - Lawrence 6 Lake ST. Lawrence, MA 01841-3032	Sue Powers 978-620-2475	
MICROSS	57300	Micross Components 7725 N. Orange Blossom Trail Orlando, FL 32810-2696	Allen Wares 407-296-5642	
NATEL	09059	Natel Engineering Co., Inc. 9340 Owensmouth Ave. Chatsworth, CA. 91311	Roger Anderson 818-734-6555	
ON SEMI.	31471	ON Semiconductor, Inc. 2300 Buckskin Road Pocatello, ID 83201	David Locke 208-234-6708	

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SECTION 1, MICROCIRCUITS  
PART III, Listed Approved Sources 1/

Vendor	Cage	Address	Point of Contact	Comment
PYRAMID	3DTT2	Pyramid Semiconductor Corporation 1249 Reamwood Avenue Sunnyvale, CA 94089	Joe Rothstein 408-734-8200	
RENESAS	34371	Renesas Electronics America, Inc. 1650 Robert J. Conlan Blvd. NE Palm Bay, FL 32905-3406	Jeff Touvell 321-729-5602	
ROCHESTER	3V146	Rochester Electronics Inc. 16 Malcolm Hoyt Drive Newburyport, MA 01950	Sales: Dennis Andrews ext. 3441 Technical: Steve Hirschfeld ext. 3331 978-462-9332	
SEMELAB	U3158	Semelab PLC Coventry Road, Lutterworth Leicestershire LE174JB United Kingdom	Steve Ellingworth / Damien Connolly 44 1455 556565	
SENSITRON	13409	Sensitron Semiconductor 221 W. Industry Court Deer Park, N.Y. 11729	Suzanne Doyle 631-586-7600 ext.451	
SILICONIX	17856	Siliconix, Inc. 2201 Laurelwood Road Santa Clara, CA 95054-1516		
SOLITRON	21845	Solitron Devices, Inc. 3301 Electronics Way West Palm Beach, FL 33407-4697	Larry Krauss 561-848-4311 561-848-4311 x 282	
SPECTRUM (1)	27851	Spectrum Microwave, Inc. 400 Nickerson Rd. Marlborough, MA 01752	Stan Allen 508-251-6429	
SPECTRUM (2)	50507	Spectrum Microwave, Inc. dba Micro Networks Div. 400 Nickerson Rd. Marlborough, MA 01752	Stan Allen 508-251-6429	
SRI	0DKS7	SRI International 201 Washington Road Princeton, NJ 08540-6449	609-734-2613 FAX-609-514-4044	
STMICRO	F8859	STMicroelectronics 3 rue de Suisse CS 60816 35208 RENNES cedex2-FRANCE		
TELEDYNE	16170	Teledyne Electronic Technologies 12964 Panama Street Los Angeles, CA 90066-6534		

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Vendor	Cage	Address	Point of Contact	Comment
TI	01295	Texas Instruments, Inc. Semiconductor Group 8505 Forest Ln. PO Box 660199 Dallas, TX 75243	Dennis Tanguay 669-721-3509	
VPT	0ZBZ6	VPT Incorporated 2801 Commerce Street Blackburg, VA 24060-6657	Shawn Graham 540-552-5000x6566	
XILINX	68994	Xilinx, Inc. 2100 Logic Drive San Jose, CA 95124		
XTREME	3RNH0	XTREME Semiconductor 2801 Oakmont Drive, Bldg. A, Suite 700 Round Rock, TX 78664		

1/ Since microcircuits supplied to SMDs may be manufactured both onshore and off-shore and often involve manufacturers with multiple facilities and production locations for various processes, the CAGE code shown represents the SMD product ship control location. An additional "point of contact" is shown when a military technical support group is available and when it differs from the SMD product ship control location.

Preparing activity

DLA-CC

(Project 5962-2019-003)

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