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SENSITIVE**

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MILITARY STANDARD

LISTS OF STANDARD MICROCIRCUITS



AMSC/NA

FSC 5962

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MIL-STD-1562W

DEPARTMENT OF DEFENSE

WASHINGTON, DC 20301

Lists of Standard Microcircuits

1. This military standard is approved for use by all Departments and Agencies of the Department of Defense.

2. Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commander, Rome Laboratory, AFSC, ATTN: ERSS, Griffiss Air Force Base, New York, NY 13441, by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

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1. SCOPE

1.1 Purpose. The purpose of this standard is to:

- a. Provide equipment designers, manufacturers and users with lists of microcircuits considered to be most acceptable for military applications.
- b. Control and minimize the variety of microcircuits used by military activities in order to facilitate effective logistic support of equipment in the field.
- c. Concentrate economic support, improvement and production of the microcircuits listed in this standard.

1.2 Scope. This standard establishes the requirements for the selection of microcircuits used in the design, manufacture and support of military equipment and identifies those devices which are less acceptable for new designs because of their nonavailability or impending obsolescence, or their problems in performance, reliability or other characteristics.

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2. REFERENCED DOCUMENTS

2.1 Government documents.

2.1.1 Specification and standard. Unless otherwise specified, the following specification and standard of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation form a part of this standard to the extent specified herein.

SPECIFICATION

MILITARY

- MIL-M-38510 - Microcircuits, General Specification For.
- MIL-H-38534 - Hybrid Microcircuits, General Specification For.
- MIL-I-38535 - Integrated Circuits (Microcircuits) Manufacturing, General Specification For.

STANDARD

MILITARY

MIL-STD-1331 - Parameters to be Controlled for the Specification of Microcircuits.

(Copies of the specification and standard required by manufacturers in connection with specific acquisition functions should be obtained from the contracting activity or as directed by the contracting officer.)

2.2 Other publication. The following document forms a part of this standard to the extent specified herein. Unless otherwise specified, the issue of the documents which are DOD adopted shall be those listed in the issue of the DODISS specified in the solicitation. The issues of documents which have not been adopted shall be those in effect on the date of the cited DODISS.

Allied Materials Standards Publications Volume 5962
(ASTANP-3 Volume 5962) (Superseding NEPR 93)

(Non-Government standards are generally available for reference from libraries. They are also distributed among Non-Government standards bodies and using Federal agencies.)

2.3 Order of precedence. In the event of a conflict between text of this standard and the references cited herein, the text of this standard shall take precedence.

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3. DEFINITIONS

3.1 Terms. The terms used in this standard are defined in MIL-M-38510, MIL-H-38534, MIL-I-38535 and MIL-STD-1331.

3.2 One part - one part number system. The one part - one part number system described below has been developed to allow for transitions between identical generic devices covered by the four major microcircuit requirements documents (MIL-M-38510, MIL-H-38534, MIL-I-38535, and 1.2.1 of MIL-STD-883) without the necessity for the generation of unique PIN's. The four military requirements documents represent different class levels, and previously when a device manufacturer upgraded military product from one class level to another, the benefits of the upgraded product were unavailable to the Original Equipment Manufacturer (OEM), that was contractually locked into the original unique PIN. By establishing a one part number system covering all four documents, the OEM can acquire to the highest class level available for a given generic device to meet system needs without modifying the original contract parts selection criteria.

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4. GENERAL REQUIREMENTS

4.1 Selection of microcircuits. Microcircuit device types for new designs shall be selected from the types listed in tables I and II of this standard. The variety of microcircuits used in any military equipment shall be the minimum necessary to provide satisfactory performance, and the contractor (or hardware designer or builder) shall exercise all reasonable design choices to achieve this objective.

4.1.1 Table I - Preferred devices. All devices in this table have a dated military specification and a QPL source (part I or part II) or QML source. These devices have no known reliability or availability problems and are recommended and preferred.

4.1.2 Table II - Potential standardization candidates. Devices listed in this table are those that have been selected for electrical characterization and are potential candidates for MIL-M-38510 specification or that have an active Military (DESC) drawing. This table also includes devices that have dated military specifications but as yet have no QPL source or QML source. These devices shall be considered for use in systems or equipment designs if a QPL or QML source is anticipated.

4.1.3 Table III - Logistics or continuous replacement only. This table contains devices which are not recommended for new designs because of diminishing sources, obsolete technology, or a preferred device listed in tables I or II is now available which performs the same function.

4.1.4 Table IV - Inactive or suspended military activity. This table contains devices which are not recommended for new design, it also includes devices which have had QPL status that has been canceled or expired and there is no indication that a device manufacturer intends to requalify.

4.1.5 Table V - Not recommended under any circumstances. Devices listed in this table have known reliability or availability problems. Devices listed in this table will also have a preferred replacement/equivalent device for new design.

4.1.6 NATO status. The cross reference listing is annotated as follows to show the NATO status of the listed parts as derived from AStanP-3 Volume 5962, NATO Electronic Part Recommendation on Standardization of Monolithic Microcircuit Devices:

- (NATO-P) indicates NATO PREFERRED Device
- (NATO-G) indicates NATO GUIDANCE Device
- (NATO-F) indicates NATO FUTURE Device
- (NATO-L) indicates NATO LOGISTICS/MAINTENANCE Device

NATO P and G items should equate to table I of MIL-STD-1562 but with a recommended preference in new design for the PREFERRED item. NATO-F should equate to table II and NATO-L to table III. There is no NATO equivalent for tables IV and V. The NATO designations are provided for multinational acquisition or logistic support.

4.2 Use of microcircuits.

4.2.1 Circuit application. The equipment shall be designed so that it will meet the specified equipment performance and reliability requirements when using any microcircuit meeting the applicable specification requirements. The use of the standard microcircuit or the satisfactory equipment performance shall not depend on characteristics or parameters which are not controlled by the applicable specification. The selection of special microcircuits from lots meeting the specification requirements is prohibited unless submitted and approved as nonstandard parts.

4.3 Criteria for inclusion in this standard of parts preferred for new design.

- a. The microcircuit device shall be considered by the military departments as the best presently available type for the function.
- b. The microcircuit device shall be in production and continued availability shall be reasonably certain.
- c. The microcircuit device shall have an approved military detail specification or DESC Issued, Standardized Military Drawing.

4.3.1 Device class. The device class shall be the product assurance level as defined in MIL-M-38510 or MIL-H-38534 or MIL-I-38535. As a minimum, class B, H or Q devices shall be used.

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4.3.2 Case outlines. Case outlines shall conform to the requirements of the applicable military specification. Case outline F-3 of Appendix C to MIL-M-38510 (14-pin 3/16" X 1/4" flat package) shall not be used unless space or weight requirements dictate its use. However, flat packages with a Q dimension of less than .026 inches (0.66mm) are not recommended for new equipment design.

4.3.3 Lead material and finish. Lead material and finish shall be as defined in MIL-M-38510, MIL-H-38534 or MIL-I-38535.

4.4 Conflict of data. In the event of conflict between the technical description of microcircuits described in this standard and the applicable specification, the specification shall govern.

4.5 Procedure for inquiring about microcircuits not listed. When a manufacturer has determined that equipment or system requirements cannot be met by items listed in table I, he is encouraged to:

- a. Determine if an item listed in table II can meet equipment or system requirements.
- b. Contact the Military Parts Control Advisory Group (MPCAG) at the Defense Electronics Supply Center.

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TABLE I. Preferred devices.

(All devices in this table have a dated military specification and a QPL source (part I or part II) or are listed as approved devices on QML-38534 or QML-38535. These devices have no known reliability or availability problems and are recommended and preferred.)

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count $\frac{1}{2}$
Gates 1			
10501	06001	OR/NOR GATE, QUAD 2-INPUT	G4
10502	06002	NOR-OR/NOR GATE	G4
10504	06201	AND/NAND GATE, QUAD 2-INPUT	G4
10505	06003	OR/NOR GATE, TRIPLE 2-3-2 INPUT	G3
10506	06004	NOR GATE, TRIPLE 3-4-3 INPUT	G3
10507	06005	EXCLUSIVE-OR/NOR GATE, TRIPLE 2-INPUT	G3
10509	06006	OR/NOR GATE, DUAL 4-5 INPUT	G2
10597	06202	AND GATE, HEX	G6
54HC00	65001	NAND GATE, QUAD 2-INPUT	G4
54ALS00A	37001	NAND GATE, QUAD 2-INPUT	G4
54F00	33001	NAND GATE, QUAD 2-INPUT	G4
54LS00	30001	NAND GATE, QUAD 2-INPUT	G4
54AC00	75001	NAND GATE, QUAD 2-INPUT	G4
54HC02	65101	NOR GATE, QUAD 2-INPUT	G4
54ALS02	37301	NOR GATE, QUAD 2-INPUT	G4
54F02	33301	NOR GATE, QUAD 2-INPUT	G4
54LS02	30301	NOR GATE, QUAD 2-INPUT	G4
54AC02	75101	NOR GATE, QUAD 2-INPUT	N
54LS03	30002	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4
54HC04	65701	HEX INVERTER	G6
54HCT04	65751	HEX INVERTER, TTL-COMPATIBLE INPUTS	N
54ALS04B	37006	HEX INVERTER	G6
54F04	33002	HEX INVERTER	G6
54LS04	30003	HEX INVERTER	G6
54AC04	75701	HEX INVERTER	G6
54LS05	30004	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	G6
54HC08	65203	AND GATE, QUAD 2-INPUT	G4
54ALS08	37401	AND GATE, QUAD 2-INPUT	G4
54F08	34001	AND GATE, QUAD 2-INPUT	G4
54LS08	31004	AND GATE, QUAD 2-INPUT	G4
54AC08	75203	AND GATE, QUAD 2-INPUT	G4
54LS09	31005	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4
54HC10	65002	NAND GATE, TRIPLE 3-INPUT	G3
54ALS10	37002	NAND GATE, TRIPLE 3-INPUT	G3
54F10	33003	NAND GATE, TRIPLE 3-INPUT	G3
54LS10	30005	NAND GATE, TRIPLE 3-INPUT	G3
54AC10	75002	NAND GATE, TRIPLE 3-INPUT	G3
54HC11	65204	AND GATE, TRIPLE 3-INPUT	G3
54ALS11	37402	AND GATE, TRIPLE 3-INPUT	G3
54F11	34002	AND GATE, QUAD 2-INPUT	G3
54LS11	31001	AND GATE, TRIPLE 3-INPUT	G3
54AC11	75204	AND GATE, TRIPLE 3-INPUT	G3
54LS12	30006	NAND GATE, TRIPLE 3-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G3
54LS13	31301	NAND GATE, DUAL 4-INPUT, SCHMITT TRIGGER	G2
54HC132	65005	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	G4
54LS132	31303	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	G4
54ALS133	37005	NAND GATE, 13-INPUT	G1
54HC14	65702	HEX INVERTER, SCHMITT TRIGGER	G6
54LS14	31302	HEX INVERTER, SCHMITT TRIGGER	G6
54AC14	75702	HEX INVERTER, SCHMITT TRIGGER	G6
54LS15	31002	AND GATE, TRIPLE 3-INPUT, WITH OPEN-COLLECTOR INPUTS	G3
54HC20	65003	NAND GATE, DUAL 4-INPUT	G2

See Footnotes at end of standard.

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Gates 1 - Continued			
54ALS20A	37003	NAND GATE, DUAL 4-INPUT	G2
54F20	33004	NAND GATE, DUAL 4-INPUT	G2
54LS20	30007	NAND GATE, DUAL 4-INPUT	B2
54AC20	75003	NAND GATE, DUAL 4-INPUT	G2
54LS21	31003	AND GATE, DUAL 4-INPUT	G2
54LS22	30008	NAND GATE, DUAL 4-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G2
54LS26	32102	NAND GATE, QUAD 2-INPUT, HIGH-VOLTAGE, WITH OPEN-COLLECTOR OUTPUTS	G4
54HC266	65103	EXCLUSIVE-NOR GATE, QUAD 2-INPUT (OPEN DRAIN OUTPUT)	G4
54LS266	30303	EXCLUSIVE-NOR GATE, QUAD 2-INPUT	G4
54HC27	65102	NOR GATE, TRIPLE 3-INPUT	G3
54ALS27	37302	NOR GATE, TRIPLE 3-INPUT	G3
54LS27	30302	NOR GATE, TRIPLE 3-INPUT	G3
54HC30	65004	NAND GATE, 8-INPUT	G1
54ALS30A	37004	NAND GATE, 8-INPUT	G1
54LS30	30009	NAND GATE, 8-INPUT	G1
54HC32	65201	OR GATE, QUAD 2-INPUT	G4
54ALS32	37501	OR GATE, QUAD 2-INPUT	G4
54F32	33501	OR GATE, QUAD 2-INPUT	G4
54LS32	30501	OR GATE, QUAD 2-INPUT	G4
54AC32	75201	OR GATE, QUAD 2-INPUT	G4
54HC4002	65104	NOR GATE, DUAL 4-INPUT	G2
54LS51	30401	AND-OR-INVERT GATE, DUAL 2-WIDE	G6
54LS54	30402	AND-OR-INVERT GATE	G5
54F64	33401	AND-OR-INVERT GATE, 4-2-2-2 INPUT	G5
54HC86	65202	EXCLUSIVE-OR GATE, QUAD 2-INPUT	G4
54F86	34501	EXCLUSIVE-OR GATE, QUAD 2-INPUT	G4
54LS86	30502	EXCLUSIVE-OR GATE, QUAD 2-INPUT	G4
54AC86	75202	EXCLUSIVE-OR GATE, QUAD 2-INPUT	N
Buffers 2			
10524	06301	VOLT. LEVEL SHIFTER, TTL TO ECL, QUAD	G4
10525	06302	VOLT. LEVEL SHIFTER, ECL TO TTL, QUAD	G4
5406	00801	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	G6
5407	00803	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	G6
54ALS1000A	38401	BUFFER/DRIVER, NAND, QUAD 2-INPUT	G4
54ALS1002	38402	BUFFER/DRIVER, NOR, QUAD 2-INPUT	G4
54ALS1020	38407	BUFFER/DRIVER, NAND, DUAL 4-INPUT	G2
54ALS1034	38411	BUFFER/DRIVER, HEX, NONINVERTING	G6
54LS125A	32301	BUFFER/DRIVER, QUAD, NONINVERTING, WITH THREE-STATE OUTPUTS	G4
54LS126	32302	BUFFER/DRIVER, QUAD, NONINVERTING, WITH THREE-STATE OUTPUTS	G4
54HC240	65703	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	G10
54HCT240	65753	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	G10
54ALS240A	38301	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	G10
54F240	33201	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	G10
54LS240	32401	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	G10

See footnotes at end of standard.

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Buffers 2 - Continued			
54AC240	75703	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	G10
54HC241	65704	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	N
54ALS241	38302	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G10
54F241	33202	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G10
54LS241	32402	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G10
54AC241	75704	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G10
54HC244	65705	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G10
54HCT244	65755	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G10
54ALS244A	38303	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G10
54F244	33203	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G10
54LS244	32403	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G10
54AC244	75705	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G10
54ALS28	38402	BUFFER/DRIVER, NOR, QUAD 2-INPUT	G4
54LS28	30204	BUFFER/DRIVER, NOR, QUAD 2-INPUT	G4
54HC365	65706	BUFFER/DRIVER, HEX, NONINVERTING, WITH THREE-STATE OUTPUTS	N
54LS365	32201	BUFFER/DRIVER, HEX, NONINVERTING, WITH THREE-STATE OUTPUTS	G7
54F365	35101	BUFFER/DRIVER, HEX, NONINVERTING, WITH THREE-STATE OUTPUTS	G7
54LS366	32202	BUFFER/DRIVER, HEX, INVERTING, WITH THREE-STATE OUTPUTS	G7
54HC367	65708	BUFFER/DRIVER, HEX, NONINVERTING, WITH THREE-STATE OUTPUTS	N
54LS367	32203	BUFFER/DRIVER, HEX, NONINVERTING, WITH THREE-STATE OUTPUTS	G8
54HC368	65709	BUFFER/DRIVER, HEX, INVERTING, WITH THREE-STATE OUTPUTS	G20
54ALS37	38401	BUFFER/DRIVER, NAND, QUAD 2-INPUT	G4
54LS37	30202	BUFFER/DRIVER, NAND, QUAD 2-INPUT	G4
54LS38	30203	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4
54F38	35202	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4
54ALS40	38407	BUFFER/DRIVER, NAND, DUAL 4-INPUT	G2
54LS40	30201	BUFFER/DRIVER, NAND, DUAL 4-INPUT	G2
54HC540	65710	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	N
54LS540	32404	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	G12
54F540	33204	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	G9
54HC541	65711	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	N
54HCT541	65761	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	N

See footnotes at end of standard.

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Buffers 2 - Continued			
54LS541	32405	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G9
Flip-Flops 3			
10531	06101	FLIP-FLOP, D-TYPE, DUAL	G24
10535	06104	FLIP-FLOP, JK, DUAL	G24
10576	06103	FLIP-FLOP, D-TYPE, HEX	G42
10631	06102	FLIP-FLOP, D-TYPE, DUAL	G24
54F074	34101	FLIP-FLOP, D-TYPE, DUAL	G12
54LS107	30108	FLIP-FLOP, JK, DUAL	G16
54HC109	65304	FLIP-FLOP, JK, DUAL	G52
54ALS109A	37102	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE HIGH)	G16
54F109	34102	FLIP-FLOP, JK, DUAL	G16
54LS109	30109	FLIP-FLOP, JK, DUAL	G16
54HC112	65305	FLIP-FLOP, JK, DUAL, WITH SET AND RESET	G34
54ALS112A	37103	FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE LOW)	G16
54F112	34103	FLIP-FLOP, JK, DUAL	G16
54LS112	30103	FLIP-FLOP, JK, DUAL	G16
54LS113	30104	FLIP-FLOP, JK, DUAL, WITH PRESET AND CLEAR	G16
54LS114	30105	FLIP-FLOP, JK, DUAL, WITH PRESET	G16
54LS122	31403	MULTIVIBRATOR, MONOSTABLE RETRIGGERABLE WITH CLEAR	N
54LS123	31401	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR	N
54HC173	65306	FLIP-FLOP, D-TYPE, QUAD, WITH THREE-STATE OUTPUTS	N
54LS173A	36101	FLIP-FLOP, D-TYPE, QUAD	N
54HC174	65307	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	G38
54ALS174	37201	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	G44
54F174	34107	FLIP-FLOP, D-TYPE, HEX	G50
54LS174	30106	FLIP-FLOP, D-TYPE, HEX	N
54HC175	65308	FLIP-FLOP, D-TYPE, QUAD	N
54ALS175	37202	FLIP-FLOP, D-TYPE, QUAD, WITH CLEAR	G34
54F175	34104	FLIP-FLOP, D-TYPE, QUAD	G26
54LS175	30107	FLIP-FLOP, D-TYPE, QUAD	N
54LS221	31402	MULTIVIBRATOR, DUAL MONOSTABLE, WITH SCHMITT-TRIGGER INPUTS AND CLEAR	N
54HC259	65402	LATCH, 8-BIT ADDRESSABLE	N
54LS259	31603	LATCH, 8-BIT ADDRESSABLE	N
54LS259B	31605	LATCH, 8-BIT ADDRESSABLE	N
54HC273	65601	FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR	N
54LS273	32501	FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR	G80
54AC273	75601	FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR	N
54LS279	31602	LATCH, RS, 4-BIT	G8
54HC373	65403	LATCH, D-TYPE, 8-BIT, WITH THREE-STATE OUTPUTS	N
54HCT373	65453	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH TTL-COMPATIBLE INPUTS AND 3-STATE OUTPUTS	N
54ALS373	37203	FLIP-FLOP, D-TYPE, OCTAL, WITH TRANSPARENT LATCH AND THREE-STATE OUTPUTS	G58
54F373	34601	LATCH, D-TYPE, 8-BIT, WITH THREE-STATE OUTPUTS	N
54LS373	32502	LATCH, D-TYPE, 8-BIT, WITH THREE-STATE OUTPUTS	G74
54AC373	75403	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH THREE-STATE OUTPUTS	G42
54HC374	65602	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	G50
54HCT374	65652	FLIP-FLOP, D-TYPE, OCTAL, WITH NONINVERTING THREE-STATE OUTPUTS	G50
54ALS374	37204	FLIP-FLOP, D-TYPE, OCTAL, EDGE-TRIGGERED, WITH THREE-STATE OUTPUTS	G58

See footnotes at end of standard.

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Flip-Flops 3 - Continued			
54F374	34105	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	G58
54LS374	32503	FLIP-FLOP, D-TYPE, OCTAL, POSITIVE EDGE-TRIGGERED, WITH THREE-STATE OUTPUTS	G80
54AC374	75602	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	G42
54LS375	31604	LATCH, 4-BIT, BISTABLE	G20
54LS377	32504	FLIP-FLOP, D-TYPE, OCTAL	G90
54F379	34109	FLIP-FLOP, D-TYPE, QUAD	G26
54F533	34602	LATCH, D-TYPE, 8-BIT, WITH THREE-STATE OUTPUTS	N
54F534	34106	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	G58
54F563	34603	LATCH, D-TYPE, 8-BIT, WITH THREE-STATE OUTPUTS	N
54HC573	65406	LATCH, D-TYPE, 8-BIT, WITH THREE-STATE OUTPUTS	N
54ALS573	38201	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH THREE-STATE OUTPUTS	G58
54F573	34604	LATCH, D-TYPE, 8-BIT, WITH THREE-STATE OUTPUTS	N
54HC574	65604	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	N
54ALS574A	37104	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	G42
54LS73	30101	FLIP-FLOP, JK, DUAL	G16
54HC74	65302	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR	G48
54ALS74A	37101	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED	G12
54LS74A	30102	FLIP-FLOP, D-TYPE, DUAL	G12
54HCT74	65352	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR WITH LSTTL-COMPATIBLE INPUTS	G40
54AC74	75302	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	G20
54LS75	31601	LATCH, 4-BIT, BISTABLE	G20
54LS76A	30110	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED	G16
Combinational gates 4			
54HC138	65802	DECODER, 3-LINE-TO-8-LINE	G16
54HCT138	65852	DECODER, 3-LINE-TO-8-LINE	G16
54ALS138	37701	DECODER/DEMULTIPLEXER, 3-LINE-TO-8-LINE	G16
54F138	33701	DECODER, 3-TO-8-LINE	G15
54LS138	30701	DECODER, 3-LINE-TO-8-LINE	G16
54AC138	75802	DECODER/DEMULTIPLEXER, 3-LINE-TO-8-LINE	N
54HC139	65803	DECODER, DUAL 2-LINE-TO-4-LINE	G18
54F139	33702	DECODER, DUAL 2-LINE-TO-4-LINE	G18
54LS139	30702	DECODER, DUAL 2-LINE-TO-4-LINE	G18
54LS148	36001	PRIORITY ENCODER, 8-LINE-TO-3-LINE	G29
54F151A	33901	DATA SEL/MULTIPLEXER, 8-INPUT	G17
54LS151	30901	DATA SEL/MULTIPLEXER, 8-INPUT	G17
54AC151	76201	DATA SEL/MULTIPLEXER, 8-INPUT	G17
54F153	33902	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	G16
54LS153	30902	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	G16
54AC153	76202	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	G16
54LS155	32601	DECODER, DUAL 2-LINE-TO-4-LINE	G15
54LS156	32602	DECODER, DUAL 2-LINE-TO-4-LINE, WITH OPEN-COLLECTOR OUTPUTS	G15
54F157A	33903	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	G19
54LS157	30903	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	G15
54AC157	76203	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	N
54F158A	33904	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	G15
54LS158	30904	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	G15
54HC158B	66204	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH INVERTED OUTPUTS	G15

See footnotes at end of standard.

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Combinational gates 4 - Continued			
54F181	33801	ALU/FUNCTION GENERATOR, 4-BIT	G63
54LS181	30801	ALU/FUNCTION GENERATOR, 4-BIT	G63
54F182	33802	LOOK AHEAD CARRY GENERATOR	G19
54F251A	33905	DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE OUTPUTS	G17
54LS251	30905	DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE OUTPUTS	G17
54F253	33908	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH THREE-STATE OUTPUTS	G16
54LS253	30908	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH THREE-STATE OUTPUTS	G16
54F257A	33906	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	G15
54LS257B	30906	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND THREE-STATE OUTPUTS	G15
54F258A	33907	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	G15
54LS258B	30907	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS, WITH ENABLE	G15
54F280	34901	PARITY GENERATOR/CHECKER, 9-BIT	G46
54LS280	32901	PARITY GENERATOR/CHECKER, 9-BIT	G46
54F283	34201	ADDER, 4-BIT FULL	G36
54LS283	31202	ADDER, 4-BIT FULL, WITH FAST CARRY	G42
54LS298	30909	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH STORAGE	G15
54LS348	36002	PRIORITY ENCODER, 8-LINE-TO-3-LINE, TS	G30
54F352	33909	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	G16
54F353	33910	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH THREE-STATE OUTPUTS	G16
54F381	33803	ARITHMETIC LOGIC UNIT, 4-BIT	G82
54F382	33804	ALU/FUNCTION GENERATOR, 4-BIT	G85
54F398	35001	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	G39
54F399	35002	MULTIPLEXER, QUAD 2-INPUT, W/STORAGE	G39
54LS42	30703	DECODER, BCD-TO-DECIMAL	G18
54LS47	30704	DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS	G44
54F521	34701	IDENTITY COMPARATOR, 8-BIT	G26
54LS83A	31201	ADDER, 4-BIT FULL WITH FAST CARRY	G42
54LS85	31101	MAGNITUDE COMPARATOR, 4-BIT	G31
54ALS857A	37901	DATA SEL/MULTIPLEXER, HEX 2-INPUT, WITH THREE-STATE OUTPUTS	G44
Sequential registers/counters 5			
54F160A	34401	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	N
54LS160A	31503	DECADE COUNTER, 4-BIT SYNCHRONOUS	G60
54ALS161B	38001	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	G64
54F161A	34301	BINARY COUNTER, 4-BIT SYNCHRONOUS	G74
54LS161	31504	BINARY COUNTER, 4-BIT SYNCHRONOUS	G57
54HC161	66302	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	N
54F162A	34402	DECADE COUNTER, 4-BIT SYNCHRONOUS	N
54LS162A	31511	DECADE COUNTER, 4-BIT SYNCHRONOUS	G60
54ALS163B	38002	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	G55
54F163A	34302	BINARY COUNTER, 4-BIT SYNCHRONOUS	G74
54LS163A	31512	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	G58

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit. transistor count 1/
Sequential registers/counters 5 - Continued			
54HC163	66304	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	N
54LS164	30605	SHIFT REGISTER, 8-BIT PARALLEL-OUT	G36
54HC164	66501	SHIFT REGISTER, 8-BIT, SERIAL-IN/PARALLEL-OUT	N
54LS165A	30608	SHIFT REGISTER, 8-BIT PARALLEL LOAD	G62
54HC165	66502	SHIFT REGISTER, 8-BIT PARALLEL-IN SERIAL-OUT	N
54LS166	30609	SHIFT REGISTER, 8-BIT PARALLEL-INPUT, WITH CLEAR	G68
54ALS169B	38003	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	G67
54F190	34403	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	N
54LS190	31513	BCD COUNTER, 4-BIT SYNCHRONOUS, WITH MODE CONTROL	G62
54LS191	31509	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP MODE CONTROL	G59
54F192	34404	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	N
54LS192	31507	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH CLEAR ENABLE	G50
54F193	34304	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	G58
54LS193	31508	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	G48
54F194	33601	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL, CASCADABLE	G47
54LS194A	30601	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	G47
54LS195A	30602	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	G41
54LS197	32002	DECADE/BINARY COUNTER, PRESETTABLE, 50/30-MHZ	G42
54LS290	32003	DECADE COUNTER, 4-BIT	G19
54LS293	32004	BINARY COUNTER, 4-BIT	G25
54LS295B	30606	SHIFT REGISTER, 4-BIT BIDIRECTIONAL, TS	G48
54AC299	76506	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS	N
54LS390	32701	DECADE COUNTER, DUAL 4-BIT, WITH A AND B INPUTS	N
54LS393	32702	BINARY COUNTER, DUAL 4-BIT	G66
54HC393	66309	BINARY COUNTER, DUAL 4-BIT	N
54LS395A	30607	SHIFT REGISTER, 4-BIT UNIVERSAL, TS	G48
54LS490	32703	DECADE COUNTER, DUAL	G82
54LS670	31901	REGISTER FILE, 4 X 4, THREE-STATE OUTPUTS	G305
54LS90	31501	DECADE COUNTER, 4-BIT	G15
54LS92	31510	COUNTER, DIVIDE-BY-12	G26
54LS93	31502	DECADE COUNTER, 4-BIT	G25
54LS95B	30603	SHIFT REGISTER, 4-BIT PARALLEL ACCESS	G37
54LS96	30604	SHIFT REGISTER, 5-BIT	G39
RAM 6			
MT1257-12	24601	DYNAMIC RAM, 256K X 1	B262144
MT1257-15	24602	DYNAMIC RAM, 256K X 1	B262144
MT1259-12	24603	DYNAMIC RAM, 256K X 1	B262144
MT1259-15	24604	DYNAMIC RAM, 256K X 1	B262144
2147	28903	STATIC RAM, 4K X 1, WITH THREE-STATE OUTPUTS	B4096
2147	23801	STATIC RAM, 4K X 1, WITH THREE-STATE OUTPUTS	B4096
2147H	23803	STATIC RAM, 4K X 1	B4096
2147H-2	23807	STATIC RAM, 4K X 1	B4096
2147H-3	23805	STATIC RAM, 4K X 1	B4096
2148	28904	STATIC RAM, 1K X 4, WITH THREE-STATE OUTPUTS	B4096
2148H	23806	STATIC RAM, 1K X 4	B4096
4C1024-100	24902	DYNAMIC RAM, 1024K X 1	B1048576
4C1024-120	24903	DYNAMIC RAM, 1024K X 1	B1048576
4C1024-150	24904	DYNAMIC RAM, 1024K X 1	B1048576

See footnotes at end of standard.

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
RAM 6 - Continued			
4C1024-80	24901	DYNAMIC RAM, 1024K X 1	81048576
411024-100	24902	DYNAMIC RAM, 1024K X 1	81048576
411024-120	24903	DYNAMIC RAM, 1024K X 1	81048576
411024-150	24904	DYNAMIC RAM, 1024K X 1	81048576
411024-80	24901	DYNAMIC RAM, 1024K X 1	81048576
M41256P-12	24601	DYNAMIC RAM, 256K X 1	8262144
M41256N-12	24603	DYNAMIC RAM, 256K X 1	8262144
M41256P-15	24602	DYNAMIC RAM, 256K X 1	8262144
M41256N-15	24604	DYNAMIC RAM, 256K X 1	8262144
MT5C2561	29301	STATIC RAM, 256K X 1, 45 NS ACCESS TIME	8262144
MT5C2561	29302	STATIC RAM, 256K X 1, 35 NS ACCESS TIME	8262144
MT5C2561	29310	STATIC RAM, 256K X 1, 25 NS ACCESS TIME	8262144
MT5C2564	29303	STATIC RAM, 64K X 4, 45 NS ACCESS TIME	8262144
MT5C2564	29304	STATIC RAM, 64K X 4, 35 NS ACCESS TIME	8262144
MT5C2564	29311	STATIC RAM, 64K X 4, 25 NS ACCESS TIME	8262144
MT5C2565	29312	STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	8262144
MT5C2565	29314	STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	8262144
MT5C2565	29315	STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	8262144
MT5C2568	29307	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME	8262144
MT5C2568	29308	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	8262144
MT5C2568	29309	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	8262144
MT5C2568	29313	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	8262144
6116	29104	STATIC RAM, 2K X 8, 90 NS ACCESS TIME	816384
6504	24501	STATIC RAM, 4K X 1	84096
6504RH	24503	STATIC RAM, 4K X 1	84096
6514	24502	STATIC RAM, 1K X 4	N
6514RH	24504	STATIC RAM, 1K X 4	84096
6516	29102	STATIC RAM, 2K X 8, 200 NS ACCESS TIME	816384
65162	29110	STATIC RAM, 2K X 8, 70 NS ACCESS TIME	816384
65262	29103	STATIC RAM, 16K X 1, 85 NS ACCESS TIME	816384
65262	29109	STATIC RAM, 16K X 1, WITH THREE-STATE OUTPUTS	816384
65642	29205	STATIC RAM, 8K X 8, SELECTABLE MODE	865536
UT6716455	5962H3829437	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	N
UT6716470	5962H3829436	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	N
UT6716485	5962H3829435	STATIC RAM, 8K X 8, 85 NS ACCESS TIME	N
7C147	28901	STATIC RAM, 4K X 1, 35 NS ACCESS TIME	84096
7C148	28902	STATIC RAM, 1K X 4	84096
7C194	29303	STATIC RAM, 64K X 4, 45 NS ACCESS TIME	8262144
7C194	29304	STATIC RAM, 64K X 4, 35 NS ACCESS TIME	8262144
7C194	29311	STATIC RAM, 64K X 4, 25 NS ACCESS TIME	8262144
7C197	29301	STATIC RAM, 256K X 1, 45 NS ACCESS TIME	8262144
7C197	29302	STATIC RAM, 256K X 1, 35 NS ACCESS TIME	8262144
7C197	29310	STATIC RAM, 256K X 1, 25 NS ACCESS TIME	8262144
7C198	29307	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME	8262144
7C198	29308	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	8262144
7C198	29309	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	8262144

See footnotes at end of standard.

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
RAM 6 - Continued			
7C198	29313	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	8262144
7C199	29307	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME	8262144
7C199	29308	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	8262144
7C199	29309	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	8262144
7C199	29313	STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	8262144
9147-45	23807	STATIC RAM, 4K X 1	84096
9147-55	23805	STATIC RAM, 4K X 1	84096
9147-70	23803	STATIC RAM, 4K X 1	84096
9147-85	23801	STATIC RAM, 4K X 1, WITH THREE-STATE OUTPUTS	84096
9148-70	23806	STATIC RAM, 1K X 4	84096
ROM/PROM/PAL 7			
PAL16R4A	50404	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT AND-OR	N
PAL16R4B	50604	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR	N
PAL16R4A2	50410	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR	N
PAL16R4B2	50608	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR	N
PAL16R6A	50403	PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT AND-OR	N
PAL16R6B	50603	PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT REGISTERED AND-OR	N
PAL16R6A2	50409	PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT REGISTERED AND-OR	N
PAL16R6B2	50607	PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT REGISTERED AND-OR	N
PAL16L8A	50401	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT	G98
PAL16R8A	50402	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR	N
PAL16L8B	50601	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT	G96
PAL16R8B	50602	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT REGISTERED AND-OR	N
PAL16L8A2	50407	PROG. ARRAY LOGIC, 16-INPUT 8 OUTPUT AND-OR-INVERT	G98
PAL16R8A2	50408	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT REGISTERED AND-OR	N
PAL16L8B2	50605	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT	G96
PAL16R8B2	50606	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT REGISTERED AND-OR	N
PAL20R4A	50504	PROG. ARRAY LOGIC, 20-INPUT 4-OUTPUT REGISTERED AND-OR	N
PAL20R6A	50503	PROG. ARRAY LOGIC, 20-INPUT 6-OUTPUT REGISTERED AND-OR	N
PAL20L8A	50501	PROG. ARRAY LOGIC, 20-INPUT 8-OUTPUT AND-OR-INVERT	G100
PAL20R8A	50502	PROG. ARRAY LOGIC, 20-INPUT 8-OUTPUT REGISTERED AND-OR	N
27S191	21002	PROM, 2K X 8, WITH THREE-STATE OUTPUTS	816384
27256-200	22402	PROM, UV ERASABLE, 32K X 8, 200 NS ACCESS TIME	8262144
27256-250	22401	PROM, UV ERASABLE, 32K X 8, 250 NS ACCESS TIME	8262144
28S166A	21004	PROM, 2K X 8, WITH THREE-STATE OUTPUTS	816384
28S166A	21002	PROM, 2K X 8, WITH THREE-STATE OUTPUTS	816384
28C256-200	26104	PROM, ELECTR. ERASABLE, 32K X 8, 200 NS ACCESS TIME	8262144
28C256-250	26103	PROM, ELECTR. ERASABLE, 32K X 8, 250 NS ACCESS TIME	8262144
28C256-300	26102	PROM, ELECTR. ERASABLE, 32K X 8, 300 NS ACCESS TIME	8262144
28C256-350	26101	PROM, ELECTR. ERASABLE, 32K X 8, 350 NS ACCESS TIME	8262144
28C64-200	26004	PROM, ELECTR. ERASABLE, 8K X 8, 200 NS ACCESS TIME	865536
2864-250	22808	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536
2864H-250	22809	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536
28C64-250	26003	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536
28C64-300	26002	PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME	865536
2864-350	22807	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	865536
28C64-350	26001	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	865536
28C65-250	26006	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536

See footnotes at end of standard.

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
ROM/PROM/PAL 7 - Continued			
28C65-350	26007	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	865536
29611	20402	PROM, 512 X 4, WITH THREE-STATE OUTPUTS	82048
29651	20908	PROM, 2K X 4, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME	88192
29651	20902	PROM, 2K X 4, WITH THREE-STATE OUTPUTS, 125 NS ACCESS TIME	88192
29671	21102	PROM, 4K X 8, WITH THREE-STATE OUTPUTS, 95 NS ACCESS TIME	832768
29681	21002	PROM, 2K X 8, WITH THREE-STATE OUTPUTS	816384
3636	21002	PROM, 2K X 8, WITH THREE-STATE OUTPUTS	816384
5300-1	20301	PROM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS	81024
5301-1	20302	PROM, 256 X 4, WITH THREE-STATE OUTPUTS	81024
5305-1	20401	PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS	82048
5306-1	20402	PROM, 512 X 4, WITH THREE-STATE OUTPUTS	82048
53S1681	21002	PROM, 2K X 8, WITH THREE-STATE OUTPUTS	816384
5330	20701	PROM, 32 X 8, WITH OPEN-COLLECTOR OUTPUTS	8256
5331	20702	PROM, 32 X 8, WITH THREE-STATE OUTPUTS	8256
53S3281	21102	PROM, 4K X 8, WITH THREE-STATE OUTPUTS, 95 NS ACCESS TIME	832768
5341-1	20802	PROM, 512 X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME	84096
53S441	20602	PROM, 1K X 4, WITH THREE-STATE OUTPUTS	84096
53S841	20902	PROM, 2K X 4, WITH THREE-STATE OUTPUTS, 125 NS ACCESS TIME	88192
54S287	20302	PROM, 256 X 4, WITH THREE-STATE OUTPUTS	81024
54S288	20702	PROM, 32 X 8, WITH THREE-STATE OUTPUTS	8256
DM54S288	20702	PROM, 32 X 8, WITH THREE-STATE OUTPUTS	8256
54S474	20802	PROM, 512 X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME	84096
54S570	20401	PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS	82048
54S571	20402	PROM, 512 X 4, WITH THREE-STATE OUTPUTS	82048
54S573	20602	PROM, 1K X 4, WITH THREE-STATE OUTPUTS	84096
7602	20701	PROM, 32 X 8, WITH OPEN-COLLECTOR OUTPUTS	8256
7603	20702	PROM, 32 X 8, WITH THREE-STATE OUTPUTS	8256
7610	20301	PROM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS	81024
7611	20302	PROM, 256 X 4, WITH THREE-STATE OUTPUTS	81024
76161	21002	PROM, 2K X 8, WITH THREE-STATE OUTPUTS	816384
76165	21005	PROM, 4K X 4, WITH THREE-STATE OUTPUTS	816384
7620	20401	PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS	82048
7621	20402	PROM, 512 X 4, WITH THREE-STATE OUTPUTS	82048
76321	21102	PROM, 4K X 8, WITH THREE-STATE OUTPUTS, 95 NS ACCESS TIME	832768
7641	20802	PROM, 512 X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME	84096
7643	20602	PROM, 1K X 4, WITH THREE-STATE OUTPUTS	84096
7685	20902	PROM, 2K X 4, WITH THREE-STATE OUTPUTS, 125 NS ACCESS TIME	88192
77S185	20902	PROM, 2K X 4, WITH THREE-STATE OUTPUTS, 125 NS ACCESS TIME	88192
77S191	21002	PROM, 2K X 8, WITH THREE-STATE OUTPUTS	816384
82S100	50202	PROG. ARRAY LOGIC, 16X48X8	G104
82S101	50201	PROG. ARRAY LOGIC, 16X48X8	G104
82S115	20803	PROM, 512 X 8, WITH THREE-STATE OUTPUTS	84096
82S123A	20704	PROM, 32 X 8, WITH THREE-STATE OUTPUTS	8256
82S126A	20303	PROM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS	81024

See footnotes at end of standard.

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
ROM/PROM/PAL 7 - Continued			
82S126A	20301	PROM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS	B1024
82S129A	20302	PROM, 256 X 4, WITH THREE-STATE OUTPUTS	B1024
82S129A	20304	PROM, 256 X 4, WITH THREE-STATE OUTPUTS, 60 NS ACCESS TIME	B1024
82S130A	20401	PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS	B2048
82S130A	20403	PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS	B2048
82S131A	20402	PROM, 512 X 4, WITH THREE-STATE OUTPUTS	B2048
82S131A	20404	PROM, 512 X 4, WITH THREE-STATE OUTPUTS	B2048
82S137A	20602	PROM, 1K X 4, WITH THREE-STATE OUTPUTS	B4096
82S137A	20604	PROM, 1K X 4, WITH THREE-STATE OUTPUTS	B4096
82S141	20802	PROM, 512 X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME	B4096
82S181A	20909	PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME	B8192
82S185A	20910	PROM, 2K X 4, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME	B8192
82S185	20902	PROM, 2K X 4, WITH THREE-STATE OUTPUTS, 125 NS ACCESS TIME	B8192
82S191A	21002	PROM, 2K X 8, WITH THREE-STATE OUTPUTS	B16384
82S191A	21004	PROM, 2K X 8, WITH THREE-STATE OUTPUTS	B16384
82HS195	21005	PROM, 4K X 4, WITH THREE-STATE OUTPUTS	B16384
82S23A	20701	PROM, 32 X 8, WITH OPEN-COLLECTOR OUTPUTS	B256
82S23A	20703	PROM, 32 X 8, WITH OPEN-COLLECTOR OUTPUTS	B256
82HS321A	21101	PROM, 4K X 8, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME	B32768
82HS641A-45	21204	PROM, 8K X 8, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME	B65536
82HS641A-70	21201	PROM, 8K X 8, WITH THREE-STATE OUTPUTS	B65536
83S123A	20702	PROM, 32 X 8, WITH THREE-STATE OUTPUTS	B256
93417	20301	PROM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS	B1024
93427	20302	PROM, 256 X 4, WITH THREE-STATE OUTPUTS	B1024
93436	20401	PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS	B2048
93446	20402	PROM, 512 X 4, WITH THREE-STATE OUTPUTS	B2048
93448	20802	PROM, 512 X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME	B4096
93Z451	20909	PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME	B8192
93453	20602	PROM, 1K X 4, WITH THREE-STATE OUTPUTS	B4096
93458	50201	PROG. ARRAY LOGIC, 16X48X8	G104
93459	50202	PROG. ARRAY LOGIC, 16X48X8	G104
93Z511	21002	PROM, 2K X 8, WITH THREE-STATE OUTPUTS	B16384
93Z511	21004	PROM, 2K X 8, WITH THREE-STATE OUTPUTS	B16384
93Z665-45	21204	PROM, 8K X 8, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME	B65536
93Z665-50	21203	PROM, 8K X 8, WITH THREE-STATE OUTPUTS	B65536
93Z665-55	21202	PROM, 8K X 8, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME	B65536
93Z665-70	21201	PROM, 8K X 8, WITH THREE-STATE OUTPUTS	B65536
93Z667-70	21201	PROM, 8K X 8, WITH THREE-STATE OUTPUTS	B65536
Microprocessors and interface peripherals/FIFO 8			
(SEE DWG)	5962-8869203	MULTIPLEXED TERMINAL, MIL-STD-1553. BC/RTU/MT. TRANSCIVER	N
(SEE DWG)	5962-8869204	MULTIPLEXED TERMINAL, MIL-STD-1553. BC/RTU/MT. TRANSCIVERLESS	N

See footnotes at end of standard.

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Microprocessors and interface peripherals/FIFO 8 - Continued			
UT1553BRTI	55501	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	N
68000-10	54003	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	G12667
68000-8	54002	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	G12667
Z-80ACPU	48001	MICROPROCESSOR, 8-BIT	G2833
Z-80CPU	48002	MICROPROCESSOR, 8-BIT	G2833
Z-80BCMOS	48501	MICROPROCESSOR, 8-BIT	N
Z8002CPU	52002	MICROPROCESSOR, 16-BIT, 4.0 MHZ	N
Z8002A CPU	52004	MICROPROCESSOR, 16-BIT, 6.0 MHZ	N
8086	53001	MICROPROCESSOR, 16-BIT	N
Z85C3006SCC	48601	COMMUNICATIONS CONTROLLER, SERIAL, 6.0 MHZ	N
85C3008SCC	48602	COMMUNICATIONS CONTROLLER, SERIAL, 8.0 MHZ	N
Operational amplifiers 9			
LH0002	7801301	CURRENT AMPLIFIER	N
LH0021	8508801	OP AMP, HIGH-POWER (1A OUTPUT), EXTERNALLY COMPENSATED	N
0032	8001301	OP AMP	N
LH0033	8001401	VOLTAGE FOLLOWER/BUFFER AMPLIFIER, WITH FET INPUTS	N
LH0041	8508701	OP AMP, HIGH-POWER (0.2A OUTPUT), EXTERNALLY COMPENSATED	N
LH0101A	8508901	OP AMP, POWER	N
LH0101	8508902	OP AMP, POWER	N
HOS-050A	5962-8857901	OP AMP, FAST SETTLING VIDEO	N
HOS-060SH	5962-8857902	OP AMP, FAST SETTLING VIDEO	N
OP-07A	13501	OP AMP, PRECISION	N
071	11904	OP AMP, BI-FET, LOW POWER	T28
072	11905	OP AMP, DUAL, BI-FET, LOW POWER	T27
074	11906	OP AMP, QUAD, BI-FET, LOW POWER	T31
LM101A	10103	OP AMP, GENERAL PURPOSE	T21
LM108A	10104	OP AMP, GENERAL PURPOSE	T29
LM118	10107	OP AMP, HIGH-SPEED	T36
PA12M	5962-9065901H	OP AMP, POWER	N
LM124	11005	OP AMP, QUAD	T102
LM124A	11006	OP AMP, QUAD	N
LF147	11906	OP AMP, QUAD, BI-FET, LOW POWER	T31
LM148	11001	OP AMP, QUAD	T88
LF151	11904	OP AMP, BI-FET, LOW POWER	T28
LF153	11905	OP AMP, DUAL, BI-FET, LOW POWER	T27
LF155	11401	OP AMP, JFET	T19
LF155A	11404	OP AMP, JFET	T19
1558	10108	OP AMP, DUAL	T46
LF156	11402	OP AMP, JFET	T19
LF156A	11405	OP AMP, JFET	T19
LF157	11403	OP AMP, JFET	T19
LF157A	11406	OP AMP, JFET	T19
LH2101A	10105	OP AMP, DUAL	T42
LH2108A	10106	OP AMP, DUAL	T58
CLC231A	5962-8959401	OP AMP, HIGH-SPEED, WIDEBAND	N
2500	12204	OP AMP, PRECISION	N
2510	12205	OP AMP, HIGH-SPEED	N
2520	12206	OP AMP, HIGH-SPEED	N
2600	12202	OP AMP, WIDEBAND	N
2620	12203	OP AMP, WIDEBAND	N
OP-27A	13503	OP AMP, PRECISION	N
4136	11004	OP AMP, QUAD	T60
4156	11003	OP AMP, QUAD	T68

See footnotes at end of standard.

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Operational amplifiers 9 - Continued			
MIOP42109	5962-9065901H	OP AMP, POWER	N
4741	11003	OP AMP, QUAD	T68
5532A	13102	OP AMP, DUAL LOW-NOISE	T42
5534A	13101	OP AMP, LOW-NOISE	T21
714	13502	OP AMP, LOW-OFFSET	N
OP-07	13502	OP AMP, LOW-OFFSET	N
741A	10101	OP AMP, GENERAL PURPOSE	T24
747A	10102	OP AMP, GENERAL PURPOSE, DUAL	T46
771	11904	OP AMP, BI-FET, LOW POWER	T28
772	11905	OP AMP, DUAL, BI-FET, LOW POWER	T27
774	11906	OP AMP, QUAD, BI-FET, LOW POWER	T31
Comparators 10			
LM111	10304	VOLT. COMPARATOR/BUFFER, PRECISION	T23
LM119	10306	VOLT. COMPARATOR, DUAL HIGH-SPEED	N
LT119A	10307	VOLT. COMPARATOR, DUAL HIGH-SPEED	N
LM139	11201	VOLT. COMPARATOR, QUAD	T32
LM193	11202	VOLT. COMPARATOR, DUAL	T16
LH2111	10305	VOLT. COMPARATOR, DUAL	T46
54ACS20	5962-9091601	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	N
Regulators 12			
LM109	10701	VOLT. REGULATOR, FIXED, POSITIVE, 5V	T19
LM117H	11703	VOLT. REGULATOR, ADJ., POSITIVE	T26
LM117K	11704	VOLT. REGULATOR, ADJ., POSITIVE	T26
LM120H-05	11501	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	T23
LM120K-05	11505	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	T23
LM120H-12	11502	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	T23
LM120K-12	11506	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	T23
LM120H-15	11503	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	T23
LM120K-15	11507	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	T23
LM120K-24	11508	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	T23
LM137H	11803	VOLT. REGULATOR, ADJ., NEGATIVE	N
LM137K	11804	VOLT. REGULATOR, ADJ., NEGATIVE	N
LM138K	11706	VOLT. REGULATOR, ADJ., POSITIVE	N
LM140H-05	10702	VOLT. REGULATOR, FIXED, POSITIVE	T19
LM140K-05	10706	VOLT. REGULATOR, FIXED, POSITIVE	T17
LM140H-12	10703	VOLT. REGULATOR, FIXED, POSITIVE	T19
LM140K-12	10707	VOLT. REGULATOR, FIXED, POSITIVE	T17
LM140H-15	10704	VOLT. REGULATOR, FIXED, POSITIVE	T19
LM140K-15	10708	VOLT. REGULATOR, FIXED, POSITIVE	T17
LM140K-24	10709	VOLT. REGULATOR, FIXED, POSITIVE	T17
LM150K	11705	VOLT. REGULATOR, ADJ., POSITIVE, 3.0A	N
1524	12601	PULSE WIDTH MODULATOR, REGULATING	T71
1525A	12602	PULSE WIDTH MODULATOR, REGULATING	N
1526	12603	PULSE WIDTH MODULATOR, REGULATING	N
1527A	12604	PULSE WIDTH MODULATOR, REGULATING	N
1846	70201	PULSE WIDTH MODULATOR CONTROLLER, CURRENT-MODE	N
TL431	14801	VOLT. REFERENCE, PROGRAMMABLE	T11
723	10201	VOLT. REGULATOR, ADJ., POSITIVE	T20
78M05	10702	VOLT. REGULATOR, FIXED, POSITIVE	T19
7805	10706	VOLT. REGULATOR, FIXED, POSITIVE	T17

See footnotes at end of standard.

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Regulators 12 - Continued			
78M12	10703	VOLT. REGULATOR, FIXED, POSITIVE	T19
7812	10707	VOLT. REGULATOR, FIXED, POSITIVE	T17
78M15	10704	VOLT. REGULATOR, FIXED, POSITIVE	T19
7815	10708	VOLT. REGULATOR, FIXED, POSITIVE	T17
7824	10709	VOLT. REGULATOR, FIXED, POSITIVE	T17
79M05	11501	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	T23
7905	11505	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	T23
79M12	11502	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	T23
7912	11506	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	T23
79M15	11503	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	T23
7915	11507	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	T23
7924	11508	VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A	T23
Drivers/Receivers 13			
0006	5962-8761701	DRIVER, HIGH VOLTAGE, 1.5A	N
0008	5962-8761702	DRIVER, HIGH VOLTAGE, HIGH CURRENT, 3.0A	N
NHI-1509	5962-8604906	DRIVER-RECEIVER, SINGLE CHANNEL (INTERFACES WITH MANCHESTER ENCODER-DECODER)	N
2001	14101	TRANSISTOR ARRAY, DARLINGTON	N
2002	14102	TRANSISTOR ARRAY, DARLINGTON	N
2003	14103	TRANSISTOR ARRAY, DARLINGTON	T14
2004	14104	TRANSISTOR ARRAY, DARLINGTON	N
2005	14105	TRANSISTOR ARRAY	N
ARX2402	5962-8604903	DRIVER-RECEIVER, SINGLE CHANNEL (INTERFACES WITH MANCHESTER ENCODER-DECODER)	N
2801	14106	TRANSISTOR ARRAY, DARLINGTON	N
2802	14107	TRANSISTOR ARRAY, DARLINGTON	N
2803	14108	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	T14
2804	14109	TRANSISTOR ARRAY, DARLINGTON	N
2805	14110	TRANSISTOR ARRAY, DARLINGTON	N
3045	10802	TRANSISTOR ARRAY	T5
54S140	08101	LINE DRIVER, DUAL 4-INPUT NAND	G2
54LS242	32801	BUS TRANSCEIVER, QUAD INVERTING, WITH THREE-STATE OUTPUTS	N
54F243	34802	BUS TRANSCEIVER, QUAD NONINVERTING, WITH THREE-STATE OUTPUTS	G10
54LS243	32802	BUS TRANSCEIVER, QUAD NONINVERTING, WITH THREE-STATE OUTPUTS	N
54HC245	65503	BUS TRANSCEIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	N
54HCT245	65553	BUS TRANSCEIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	N
54F245	34803	BUS TRANSCEIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G18
54LS245	32803	BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS	N
54AC245	75503	BUS TRANSCEIVER, OCTAL BIDIRECTIONAL, WITH THREE-STATE INPUTS/OUTPUTS	N
54LS368	32204	BUS DRIVER, HEX	G8
54HCT540	65760	BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS	N
54F545	34804	BUS TRANSCEIVER, OCTAL BIDIRECTIONAL, WITH THREE-STATE OUTPUTS	N
54ALS645A	38505	BUS TRANSCEIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G18
55107	10401	LINE RECEIVER, DUAL	G29

See footnotes at end of standard.

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Drivers/Receivers 13 - Continued			
55108	10402	LINE RECEIVER, DUAL OC	G25
55113	10405	LINE DRIVER, DUAL DIFFERENTIAL, TS	G44
55114	10403	LINE DRIVER, DUAL DIFFERENTIAL	G32
55115	10404	LINE RECEIVER, DUAL DIFFERENTIAL	G35
55451	12902	PERIPHERAL DRIVER, DUAL AND	G10
55452	12903	PERIPHERAL DRIVER, DUAL NAND	G14
55453	12904	PERIPHERAL DRIVER, DUAL OR	G14
55454	12905	PERIPHERAL DRIVER, DUAL NOR	G18
55461	12907	PERIPHERAL DRIVER, DUAL AND	G10
55462	12908	PERIPHERAL DRIVER, DUAL NAND	G14
55463	12909	PERIPHERAL DRIVER, DUAL OR	G14
9614	10403	LINE DRIVER, DUAL DIFFERENTIAL	G32
9615	10404	LINE RECEIVER, DUAL DIFFERENTIAL	G35
Timers 14			
555	10901	TIMER, PRECISION	T26
556	10902	TIMER, DUAL PRECISION	T46
Core drivers 15			
55325	13001	MEMORY CORE DRIVER, DUAL	G32
55326	13002	MEMORY CORE DRIVER, QUAD	G32
D/A converters 16			
DAC-HXB	5962-8952801	D/A CONVERTER, 12-BIT BINARY INPUT CODE	N
DAC-HPB	5962-8953101H	D/A CONVERTER, 16-BIT, 0 TO +10V AND $\pm 5V$ OUTPUT	N
DAC-HPB-1	5962-8953102H	D/A CONVERTER, 16-BIT, $\pm 10V$ OUTPUT	N
DAC-08	11301	D/A CONVERTER, 8-BIT	G84
DAC-08A	11302	D/A CONVERTER, 8-BIT	G84
DAC-HXB-2	5962-8952802	D/A CONVERTER, 12-BIT TWO'S COMPLEMENT	N
MN3008	5962-8768801	D/A CONVERTER, 8-BIT, 0V TO +4V OUTPUT	N
MN3009	5962-8768802	D/A CONVERTER, 8-BIT, -2V TO +2V OUTPUT	N
HS3020	5962-8971801	D/A CONVERTER, 8-BIT, WITH INPUT REGISTER	N
RGBDAC3808H	5962-8950901	D/A CONVERTER, 8-BIT, TRIPLE, COLOR-MAPPED VIDEO	N
AD3905	5962-8850901	D/A CONVERTER, QUAD 12-BIT	N
AD390T	5962-8850902	D/A CONVERTER, QUAD 12-BIT	N
AD394S	5962-8851001	D/A CONVERTER, QUAD 12-BIT	N
AD394T	5962-8851002	D/A CONVERTER, QUAD 12-BIT	N
AD395S	5962-8851003	D/A CONVERTER, QUAD 12-BIT	N
AD395T	5962-8851004	D/A CONVERTER, QUAD 12-BIT	N
561	13301	D/A CONVERTER, 10-BIT	G96
562	12101	D/A CONVERTER, 12-BIT, EXTERNAL REFERENCE, 2 MA, FS	N
565	12103	D/A CONVERTER, 12-BIT	N
7520	12702	D/A CONVERTER, 10-BIT	N
7521	12703	D/A CONVERTER, 12-BIT	N
DAC87	8300201	D/A CONVERTER, 12-BIT, RANGE-PROGRAMMABLE VOLTAGE OUTPUT	N
A/D converters 17			
ADC-HX	5962-8850801	A/D CONVERTER, 12-BIT	N
ADC-HZ	5962-8850802	A/D CONVERTER, 12-BIT	N
MN5200	5962-8958301	A/D CONVERTER, 12-BIT, 0V TO -10V INTERNAL REFERENCE	N
MN5201	5962-8958303	A/D CONVERTER, 12-BIT, -5V TO +5V INTERNAL REFERENCE	N

See footnotes at end of standard.

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
A/D converters 17 - Continued			
MN5202	5962-8958305	A/D CONVERTER, 12-BIT, -10V TO +10V INTERNAL REFERENCE	N
MN5203	5962-8958302	A/D CONVERTER, 12-BIT, 0V TO -10V EXTERNAL REFERENCE	N
MN5204	5962-8958304	A/D CONVERTER, 12-BIT, -5V TO +5V EXTERNAL REFERENCE	N
MN5205	5962-8958306	A/D CONVERTER, 12-BIT, -10V TO +10V EXTERNAL REFERENCE	N
MN5206	5962-8958307	A/D CONVERTER, 12-BIT, 0V TO 10V INTERNAL REFERENCE	N
MN5210	5962-8958401	A/D CONVERTER, 12-BIT, HIGH-SPEED, 0V TO -10V INTERNAL REFERENCE	N
MN5211	5962-8958403	A/D CONVERTER, 12-BIT, HIGH-SPEED, -5V TO +5V INTERNAL REFERENCE	N
MN5212	5962-8958405	A/D CONVERTER, 12-BIT, HIGH-SPEED, -10V TO +10V INTERNAL REFERENCE	N
MN5213	5962-8958402	A/D CONVERTER, 12-BIT, HIGH-SPEED, 0V TO -10V EXTERNAL REFERENCE	N
MN5214	5962-8958404	A/D CONVERTER, 12-BIT, HIGH-SPEED, -5V TO +5V EXTERNAL REFERENCE	N
MN5215	5962-8958406	A/D CONVERTER, 12-BIT, HIGH-SPEED, -10V TO +10V EXTERNAL REFERENCE	N
MN5216	5962-8958407	A/D CONVERTER, 12-BIT, HIGH-SPEED, 0V TO 10 INTERNAL REFERENCE	N
MN5245	5962-8959501	A/D CONVERTER, 12-BIT, 0 TO +5V	N
MN5245A	5962-8959502	A/D CONVERTER, 12-BIT, 0 TO +5V, WITH THREE-STATE OUTPUTS	N
MN5246	5962-8959503	A/D CONVERTER, 12-BIT, $\pm 2.5V$	N
MN5246A	5962-8959504	A/D CONVERTER, 12-BIT, $\pm 2.5V$, WITH THREE-STATE OUTPUTS	N
MN5295	5962-8956901H	A/D CONVERTER, 16-BIT	N
574AU	14001	A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE	N
574AT	14002	A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE	N
AD578SD	5962-8865801	A/D CONVERTER, 12-BIT, HIGH-SPEED	N
AD578TD	5962-8865802	A/D CONVERTER, 12-BIT, HIGH-SPEED	N
AD578ZSD	5962-8865803	A/D CONVERTER, 12-BIT, HIGH-SPEED	N
AD578ZTD	5962-8865804	A/D CONVERTER, 12-BIT, HIGH-SPEED	N
HS9576S	5962-9079501H	A/D CONVERTER, 16-BIT, $\pm 0.006\%$ FSR	N
HS9576T	5962-9079502H	A/D CONVERTER, 16-BIT, $\pm 0.003\%$ FSR	N
Analog switches/multiplexers 18			
DG181A	11101	ANALOG SWITCH, SPST, 2-CHANNEL	G22
DG182A	11102	ANALOG SWITCH, SPST, 2-CHANNEL	G22
DG184A	11103	ANALOG SWITCH, DPST, 2-CHANNEL	G30
DG185A	11104	ANALOG SWITCH, DPST, 2-CHANNEL	G30
DG187A	11105	ANALOG SWITCH, SPDT	G15
DG188A	11106	ANALOG SWITCH, SPDT	G15
DG190A	11107	ANALOG SWITCH, SPDT, 2-CHANNEL	G30
DG191A	11108	ANALOG SWITCH, SPDT, 2-CHANNEL	G30
200	12301	ANALOG SWITCH, SPST, 2-CHANNEL	G40
201	12302	ANALOG SWITCH, SPST, 4-CHANNEL	G80
300	11601	ANALOG SWITCH, SPST, 2-CHANNEL	G42
301	11602	ANALOG SWITCH, SPDT, 1-CHANNEL	G27
302	11603	ANALOG SWITCH, DPST, 2-CHANNEL	G54
303	11604	ANALOG SWITCH	G54
304	11605	ANALOG SWITCH, SPST, 2-CHANNEL	G38
305	11606	ANALOG SWITCH, SPDT, 2-CHANNEL	G25
306	11607	ANALOG SWITCH, DPST, 2-CHANNEL	G50
307	11608	ANALOG SWITCH, SPDT, 2-CHANNEL	G50
5040	10501	ANALOG SWITCH, SPST, 1-CHANNEL, 75 OHMS	N

See footnotes at end of standard.

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Analog switches/multiplexers 18 - Continued			
5041	10502	ANALOG SWITCH, SPST, 2-CHANNEL, 75 OHMS	N
5042	10503	ANALOG SWITCH, SPDT, 1-CHANNEL, 75 OHMS	N
5043	10504	ANALOG SWITCH, SPDT, 2-CHANNEL, 75 OHMS	N
5044	10505	ANALOG SWITCH, DPST, 1-CHANNEL, 75 OHMS	N
5045	10506	ANALOG SWITCH, DPST, 2-CHANNEL, 75 OHMS	N
506	19001	ANALOG MULTIPLEXER, 16-CHANNEL	N
506A	19002	ANALOG MULTIPLEXER/DEMUTIPLEXER, 16-CHANNEL, WITH OVERVOLTAGE PROTECTION	N
507	19003	ANALOG MULTIPLEXER, 8-CHANNEL DIFFERENTIAL	N
507A	19004	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL DIFFERENTIAL, W/ OVERVOLTAGE PROTECT	N
508A	19005	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	N
508	19007	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL	N
509A	19006	ANALOG MULTIPLEXER/DEMUTIPLEXER, DIFFERENTIAL 4-CHANNEL, WITH OVERVOLTAGE PROTE	N
509	19008	ANALOG MULTIPLEXER, DUAL 4-CHANNEL	N
6108	19007	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL	N
6116	19001	ANALOG MULTIPLEXER, 16-CHANNEL	N
6208	19008	ANALOG MULTIPLEXER, DUAL 4-CHANNEL	N
6216	19003	ANALOG MULTIPLEXER, 8-CHANNEL DIFFERENTIAL	N
Voltage references 19			
2700	8503001	VOLT. REFERENCE, PRECISION, +10.000V	N
2700U	8503002	VOLT. REFERENCE, PRECISION, +10.000V	N
2701	8503005	VOLT. REFERENCE, PRECISION, -10.000V	N
2701	8503006	VOLT. REFERENCE, PRECISION, -10.000V	N
2702S	8503003	VOLT. REFERENCE, PRECISION, ±10.000V	N
2702U	8503004	VOLT. REFERENCE, PRECISION, ±10.000V	N
584S	12801	VOLT. REFERENCE, PROGRAMMABLE	T16
584T	12802	VOLT. REFERENCE, PROGRAMMABLE	T16
Sample and hold 20			
198	12501	SAMPLE AND HOLD AMPLIFIER	N
HS9716	5962-8956601H	SAMPLE AND HOLD AMPLIFIER, 16-BIT	N
Hybrid 22			
HCPL-1931	5962-8957201	OPTOCOUPLER, DUAL CHANNEL LINE RECEIVER	N
4N55	5962-8767901	OPTOCOUPLER, DUAL	T2
HCPL-5201	5962-8876801	OPTOCOUPLER, SINGLE-CHANNEL	N
HCPL-5231	5962-8876901	OPTOCOUPLER, DUAL CHANNEL	N
HCPL-5401	5962-8957001	OPTOCOUPLER, SINGLE-CHANNEL, HIGH-SPEED	N
HCPL-5431	5962-8957101	OPTOCOUPLER, DUAL CHANNEL, WITH COMMON SUPPLY VOLTAGE AND GROUND CONNECTIONS	N
HCPL-5501	5962-9085401H	OPTOCOUPLER, SINGLE CHANNEL, TRANSISTOR OUTPUT	N
HCPL-5531	5962-8767902	OPTOCOUPLER, DUAL CHANNEL, WITH COMMON SUPPLY VOLTAGE AND GROUND CONNECTIONS	N
HCPL-5701	5962-8981001	OPTOCOUPLER, SINGLE-CHANNEL, HIGH-GAIN	N
HCPL-5731	5962-8978501	OPTOCOUPLER, DUAL CHANNEL, WITH COMMON SUPPLY VOLTAGE AND GROUND CONNECTIONS	N
HCPL-5761	5962-8947701	OPTOCOUPLER, AC/DC TO LOGIC INTERFACE	N
6N134	8102801	OPTOCOUPLER, DUAL	N

See footnotes at end of standard.

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Hybrid 22 - Continued			
6N140A	8302401	OPTOCOUPLER, 4-CHANNEL	N
HCPL-6231	5962-8876902	OPTOCOUPLER, DUAL CHANNEL, WITH SEPARATE SUPPLY VOLT. AND GND. CONNECTIONS	N
HCPL-6431	5962-8957102	OPTOCOUPLER, DUAL CHANNEL, WITH SEPARATE SUPPLY VOLTAGE AND GROUND CONNECTIONS	N
HCPL-6531	5962-8767903	OPTOCOUPLER, DUAL CHANNEL, WITH SEPARATE SUPPLY VOLTAGE AND GROUND CONNECTIONS	N
HCPL-6731	5962-8978502	OPTOCOUPLER, DUAL CHANNEL, WITH SEPARATE SUPPLY VOLTAGE AND GROUND CONNECTIONS	N
Other digital devices 23			
UT1553BRTIA	55502	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	N
WEDSP-16	5962-9070401Q	DIGITAL SIGNAL PROCESSOR, 16-BIT	N
Analog circuit functions 24			
EL2004	5962-8965901	BUFFER, FET	N
532S	13903	ANALOG MULTIPLIER, 4-QUADRANT	T28
534T	13901	ANALOG MULTIPLIER, 4-QUADRANT	T49
534S	13902	ANALOG MULTIPLIER, 4-QUADRANT	T49
Semicustom devices 25			
(SEE SPEC)	60504	GATE ARRAY, <=4000 GATES	N
(SEE SPEC)	60603	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60604	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60608	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60611	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60606	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	70601	LINEAR ARRAY, 8 MACROCELL LOCATIONS	N
(SEE SPEC)	70602	LINEAR ARRAY, 12 MACROCELL LOCATIONS	N
(SEE SPEC)	70603	LINEAR ARRAY, 16 MACROCELL LOCATIONS	N
(SEE SPEC)	60711	GATE ARRAY (<= 11,000 GATES)	N
(SEE SPEC)	60708	GATE ARRAY (<= 8,000 GATES)	N
(SEE SPEC)	60811	GATE ARRAY, SEMICUSTOM	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings.
 (This table includes devices that have dated military specifications but as yet have no QPL or QML source. This table also includes all recommended Standardized Military Drawings. These devices shall be considered for use in systems or equipment designs if a QPL or QML source is anticipated.)

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Gates 1			
100301	5962-9152801M	OR/NOR GATE, TRIPLE 5-INPUT	N
100302	5962-9152802M	OR/NOR GATE, QUINT 2-INPUT	N
10H501	5962-8750301	OR/NOR GATE, QUAD 2-INPUT	G4
10H502	5962-8755701	NOR GATE, QUAD 2-INPUT	G4
10H503	5962-8756501	OR GATE, QUAD 2-INPUT	G4
10H504	5962-8750401	AND GATE, QUAD 2-INPUT	G4
10H505	5962-8750701	OR/NOR GATE, TRIPLE 2-3-2 INPUT	G3
10H506	5962-8756401	NOR GATE, TRIPLE 4-3-3 INPUT	G3
10H507	5962-8772701	EXCLUSIVE-OR/NOR GATE, TRIPLE 2-INPUT	G3
10H509	5962-8985601	OR/NOR GATE, DUAL 4-5 INPUT	N
10H513	5962-8755801	EXCLUSIVE-OR GATE, QUAD	G4
10H518	5962-8755901	OR-AND GATE, DUAL 2-WIDE 3-INPUT	G6
10H519	5962-8772801	OR-AND GATE, 4-WIDE 4-3-3-3 INPUT	G5
10S21	5962-8857701	OR-AND/OR-AND-INVERT GATE, 3-INPUT	N
10H521	5962-8773001	OR-AND/OR-AND-INVERT GATE, 4-WIDE	G5
10H589	5962-8751001	HEX INVERTER, WITH ENABLE	G6
10H609	5962-8756901	OR/NOR GATE, DUAL 4-5 INPUT	G2
10H610	5962-8754101	OR GATE, DUAL THREE-INPUT, THREE-OUTPUT	G2
10612	5962-8775001	OR/NOR GATE, DUAL 3-INPUT	N
54ACT00	5962-8769901	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	N
54HCT00	5962-8683101	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	G4
54HCT02	5962-8975101	NOR GATE, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	N
54HC03	5962-8764701	NAND GATE, QUAD 2-INPUT, WITH OPEN DRAIN OUTPUTS	G2
54ACT04	5962-8973401	HEX INVERTER, TTL-COMPATIBLE INPUTS	N
54HCU04	8601001	HEX INVERTER, UNBUFFERED	G6
54ALS05A	5962-8854001	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	N
54HC05	5962-8871801	HEX INVERTER, WITH OPEN-DRAIN OUTPUTS	N
54HCT08	5962-8688301	AND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	G4
54ALS09	8414201	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4
54F09	5962-8872301	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	N
54HC09	5962-8862001	AND GATE, QUAD 2-INPUT, WITH OPEN-DRAIN OUTPUTS	G4
54HCT10	5962-8984301	NAND GATE, TRIPLE 3-INPUT, TTL-COMPATIBLE INPUTS	N
54HCT11	5962-8970901	AND GATE, TRIPLE 3-INPUT, WITH TTL-COMPATIBLE INPUTS	N
54AC1100	75021	NAND GATE, QUAD 2-INPUT	G4
54AC11010	75022	NAND GATE, TRIPLE 3-INPUT	N
54AC11020	75023	NAND GATE, DUAL 4-INPUT	G2
54AC11030	75024	NAND GATE, 8-INPUT	G2
54HCT132	5962-8984501	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER, TTL-COMPATIBLE INPUTS	N
54HC133	5962-8772301	NAND GATE, 13-INPUT	G1
54F14	5962-8875201	HEX INVERTER, SCHMITT TRIGGER	N
54HCT14	65752	HEX INVERTER, SCHMITT TRIGGER, WITH TTL-COMPATIBLE INPUTS	G6
54HCT14	5962-8689001	HEX INVERTER, SCHMITT TRIGGER, WITH TTL-COMPATIBLE INPUTS	G6
54ALS21	8414301	AND GATE, DUAL 4-INPUT	G2
54F21	5962-8955401	AND GATE, DUAL 4-INPUT	N
54HC21	5962-8857601	AND GATE, DUAL 4-INPUT	N
54F27	5962-8951001	NOR GATE, TRIPLE 3-INPUT	N
54HCT27	5962-8970301	NOR GATE, TRIPLE 3-INPUT, TTL-COMPATIBLE INPUTS	N
54F30	5962-8870801	NAND GATE, 8-INPUT	N
54HCT30	5962-8974601	NAND GATE, 8-INPUT, TTL-COMPATIBLE INPUTS	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Gates 1 - Continued			
54ACT32	5962-8973601	OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	N
54HCT32	5962-8685201	OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	G4
54F36	5962-8870901	NOR GATE, QUAD 2-INPUT	N
54HC4075	5962-8772201	OR GATE, TRIPLE 3-INPUT	G3
54HC4078	5962-8857401	NOR/OR GATE, 8-INPUT	N
54F51	5962-8877401	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT, 2-WIDE 3-INPUT	N
54HC7266	65105	EXCLUSIVE-NOR GATE, QUAD 2-INPUT	G4
54HC7266	8404302	EXCLUSIVE-NOR GATE, QUAD 2-INPUT	G4
54ALS86	5962-8862101	EXCLUSIVE-OR GATE, QUAD 2-INPUT	G4
54HCT86	5962-8984401	EXCLUSIVE-OR GATE, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	N
Buffers 2			
LT1010	5962-8856201	POWER BUFFER, FAST, ± 150 MA	N
10H524	5962-8756001	LOGIC-LEVEL CONVERTER, TTL-TO-ECL, QUAD	G4
10H525	5962-8750801	LOGIC-LEVEL CONVERTER, ECL-TO-TTL	G4
10H588	5962-8750901	HEX BUFFER, WITH ENABLE	G7
2953A	5962-8777202	REGISTERED TRANSCEIVER, BIDIRECTIONAL I/O PORTS, INVERTING, 8-BIT	N
29827A	5962-8860501	BUFFER, 10-BIT, HIGH PERFORMANCE, WITH THREE-STATE OUTPUTS	G11
29C827	5962-8766701	BUS BUFFER, 10-BIT NONINVERTING, HIGH PERFORMANCE	G11
29828A	5962-8860502	BUFFER, 10-BIT, HIGH PERFORMANCE, WITH THREE-STATE OUTPUTS	G11
29C828	5962-8766702	BUS BUFFER, 10-BIT INVERTING, HIGH PERFORMANCE	G11
29C927	5962-8766703	BUS BUFFER, 10-BIT NONINVERTING, HIGH PERFORMANCE	G11
29C928	5962-8766704	BUS BUFFER, 10-BIT INVERTING, HIGH PERFORMANCE	G11
54ALS1003	38403	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4
54ALS1004	38409	BUFFER/DRIVER, HEX, INVERTING	G6
54ALS1004	8406101	BUFFER/DRIVER, HEX, INVERTING	G6
54ALS1005	38410	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	G6
54ALS1008A	38404	BUFFER/DRIVER, AND, QUAD 2-INPUT	G4
54ALS1008A	8409701	BUFFER/DRIVER, AND, QUAD 2-INPUT	G4
54ALS1010A	38405	BUFFER/DRIVER, NAND, TRIPLE 3-INPUT	G3
54ALS1010A	8406001	BUFFER/DRIVER, NAND, TRIPLE 3-INPUT	G3
54ALS1011	38406	BUFFER/DRIVER, AND, TRIPLE 3-INPUT	G3
54ALS1032	38408	BUFFER/DRIVER, OR, QUAD 2-INPUT	G4
54AS1034A	5962-8873101	BUFFER/DRIVER, HEX, NONINVERTING	N
54ALS1035	38412	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	G6
54ALS1035	5962-8874201	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	G6
54ACT11244	5962-8776002	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS AND TTL-COMP. INPUTS	N
54ALS1244A	5962-8873801	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	N
54BCT125	5962-9093701M	BUS BUFFER GATE, QUAD, WITH THREE-STATE OUTPUTS	N
54HC125	5962-8772101	BUFFER/DRIVER, QUAD, NONINVERTING, WITH THREE-STATE OUTPUTS (LOW ENABLE)	G4
54BCT126	5962-9088901M	BUS BUFFER, QUAD, WITH THREE-STATE OUTPUTS	N
54HC126	5962-8684801	BUFFER/DRIVER, QUAD, NONINVERTING, WITH THREE-STATE OUTPUTS	G8
54HCT126	5962-9065101M	BUFFER, QUAD, THREE-STATE, TTL-COMPATIBLE INPUTS	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ Industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Buffers 2 - Continued			
54BCT240	5962-9074201M	BUFFER/LINE DRIVER, OCTAL, WITH INVERTING THREE-STATE OUTPUTS	N
54FCT240	5962-8765501	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	G10
54FCT240A	5962-8765502	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	G10
54ACT241	5962-8984701	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	N
54FCT241	5962-8973201	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	N
54FCT241A	5962-8973202	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	N
54HCT241	65754	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	N
54ACT244	5962-8776001	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	G10
54FCT244	5962-8763001	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	G10
54FCT244A	5962-8763002	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	G10
54F30244	5962-8872201	BUFFER/DRIVER, OCTAL, HIGH-CURRENT, WITH OPEN-COLLECTOR OUTPUTS	N
54LS33	8512601	BUFFER/DRIVER, NOR, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4
54F37	35201	BUFFER/DRIVER, NAND, QUAD 2-INPUT	G4
54ALS38A	38403	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4
54ALS38A	5962-8687101	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4
54F40	35203	BUFFER/DRIVER, NAND, DUAL 4-INPUT	G4
54HC4049	5962-8681901	BUFFER, HEX INVERTING LOGIC LEVEL CONVERTER	G6
54FCT540	5962-8976701	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	N
54FCT540A	5962-8976702	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	N
54ACS41	75711	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	N
54ACS41	5962-8870601	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	N
54ALS541	5962-8960201	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	N
54FCT541	5962-8976601	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	N
54FCT541A	5962-8976602	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	N
54AS756	5962-9056301	BUFFER/DRIVER, OCTAL, WITH OPEN-COLLECTOR OUTPUTS	N
Flip-Flops 3			
10H531	5962-8756101	FLIP-FLOP, D-TYPE MASTER SLAVE, DUAL	G10
10H535	5962-8750501	FLIP-FLOP, JK MASTER SLAVE, DUAL	G8
10H576	5962-8751201	FLIP-FLOP, D-TYPE MASTER SLAVE, HEX	N
10586	5962-8779301	FLIP-FLOP, D-TYPE, HEX, WITH COMMON RESET	N
10H586	5962-8756301	FLIP-FLOP, D-TYPE MASTER SLAVE, HEX, WITH RESET	B25
10598	5962-8777301	MULTIVIBRATOR, MONOSTABLE	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Flip-Flops 3 - Continued			
25LS174	33106	FLIP-FLOP, D-TYPE, HEX	G36
25LS175	33107	FLIP-FLOP, D-TYPE, QUAD	G24
54HC107	65303	FLIP-FLOP, JK, DUAL, WITH RESET	G34
54HC107	5962-8515401	FLIP-FLOP, JK, DUAL, WITH RESET	G34
54HCT107	5962-9084901M	FLIP-FLOP, JK, DUAL, NEGATIVE-EDGE TRIGGERED, WITH RESET	N
54AC109	75304	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	N
54AC109	5962-8955101	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET	N
54ACT109	5962-8853401	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH TTL-COMPATIBLE INPUTS	G22
54HCT109	5962-9070101M	FLIP-FLOP, JK, DUAL, WITH SET AND RESET, TTL-COMPATIBLE INPUTS	N
54AC112	75305	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH CLEAR AND SET	N
54HCT112	5962-8970201	FLIP-FLOP, JK, DUAL, WITH SET AND RESET, TTL-COMPATIBLE INPUTS	N
54HC113	5962-8969501	FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED WITH ASYNCHRONOUS PRESET	N
54HC123	5962-8684701	MULTIVIBRATOR, DUAL RETRIGGERABLE MONOSTABLE	N
54HC123A	5962-8684702	MULTIVIBRATOR, DUAL RETRIGGERABLE MONOSTABLE	N
54HCT123	5962-8970001	MULTIVIBRATOR, DUAL RETRIGGERABLE MONOSTABLE, WITH RESETS, TTL-COMPATIBLE INPUTS	N
54HCT173	5962-8875901	FLIP-FLOP, D-TYPE, QUAD, TTL-COMPATIBLE INPUTS WITH THREE-STATE OUTPUTS	N
54AC174	75307	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	G26
54AC174	5962-8762601	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	G26
54ACT174	5962-8775701	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET AND TTL-COMPATIBLE INPUTS	N
54HCT174	5962-8974301	FLIP-FLOP, D-TYPE, HEX, WITH RESET, TTL COMPATIBLE-INPUTS	N
54AC175	75308	FLIP-FLOP, D-TYPE, QUAD, WITH MASTER RESET	N
54AC175	5962-8955201	FLIP-FLOP, D-TYPE, QUAD, WITH MASTER RESET	N
54ACT175	5962-8969301	FLIP-FLOP, D-TYPE, QUAD, TTL-COMPATIBLE INPUTS	N
54HCT175	5962-8970101	FLIP-FLOP, D-TYPE, QUAD, WITH RESET, TTL-COMPATIBLE INPUTS	N
54HC221	5962-8780501	MULTIVIBRATOR, DUAL NON-RETRIGGERABLE MONOSTABLE, WITH RESET	N
54ALS259	5962-8874101	LATCH, 8-BIT ADDRESSABLE	N
54F259	5962-8972301	LATCH, 8-BIT ADDRESSABLE	N
54ACT273	5962-8973501	FLIP-FLOP, D-TYPE, QUAD, WITH RESET, TTL-COMPATIBLE INPUTS	N
54ALS273	8413601	FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR	N
54F273	5962-8855001	FLIP-FLOP, D-TYPE, OCTAL, EDGE-TRIGGERED, WITH ASYNCHRONOUS MASTER RESET	N
54FCT273	5962-8765601	FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR, TTL-COMPATIBLE	G34
54FCT273A	5962-8765602	FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR, TTL-COMPATIBLE	N
54HCT273	5962-8772501	FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR AND TTL-COMPATIBLE INPUTS	G34
54ALS29821	5962-9061601	FLIP-FLOPS, 10-BIT BUS INTERFACE, WITH 3-STATE OUTPUTS	N
54ACT373	5962-8755601	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH 3-STATE OUTPUTS AND TTL-COMPATIBLE INPUTS	G18
54BCT373	5962-9074601M	LATCH, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	N
54FCT373	5962-8764401	LATCH, D-TYPE TRANSPARENT, OCTAL, W/NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE	G42

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Flip-Flops 3 - Continued			
54FCT373A	5962-8764402	LATCH, D-TYPE TRANSPARENT, OCTAL, W/NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE	G42
54ACT374	5962-8763101	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	G42
54BCT374	5962-9051601M	FLIP-FLOP, D-TYPE, OCTAL, EDGE-TRIGGERED, WITH THREE-STATE OUTPUTS	N
54FCT374	5962-8762801	FLIP-FLOP, D-TYPE, OCTAL, WITH NONINVERTING THREE-STATE OUTPUTS, TTL-COMPATIBLE	G42
54FCT374A	5962-8762802	FLIP-FLOP, D-TYPE, OCTAL, WITH NONINVERTING THREE-STATE OUTPUTS, TTL-COMPATIBLE	G42
54AC377	75603	FLIP-FLOP, D-TYPE, OCTAL, WITH CLOCK ENABLE	N
54AC377	5962-8870201	FLIP-FLOP, D-TYPE, OCTAL, WITH CLOCK ENABLE	N
54ACT377	5962-8769701	FLIP-FLOP, D-TYPE, OCTAL, WITH CLOCK ENABLE, TTL-COMPATIBLE INPUTS	N
54F377	5962-9091001M	FLIP-FLOP, D-TYPE, OCTAL, EDGE-TRIGGERED, WITH CLOCK ENABLE	N
54FCT377	5962-8762701	FLIP-FLOP, D-TYPE, OCTAL, WITH CLOCK ENABLE AND TTL-COMPATIBLE INPUTS	N
54FCT377A	5962-8762702	FLIP-FLOP, D-TYPE, OCTAL, WITH CLOCK ENABLE AND TTL-COMPATIBLE INPUTS	N
54HC377	65603	FLIP-FLOP, D-TYPE, OCTAL, WITH ENABLE	N
54HC377	5962-8780701	FLIP-FLOP, D-TYPE, OCTAL, WITH ENABLE	N
54HCT377	5962-8976901	FLIP-FLOP, D-TYPE, OCTAL, WITH DATA ENABLE AND TTL-COMPATIBLE INPUTS	N
54LS378	5962-8992501	FLIP-FLOP, D-TYPE, HEX, WITH ENABLE	N
54HC423A	5962-8949201	MULTIVIBRATOR, DUAL RETRIGGERABLE MONOSTABLE	N
54F432	5962-9058501	LATCH, MULTI-MODE BUFFERED, INV. (THREE-STATE)	N
54HC4538	5962-8688601	MULTIVIBRATOR, DUAL RETRIGGERABLE PRECISION MONOSTABLE	G20
54AC533	75404	LATCH, OCTAL TRANSPARENT, WITH INVERTED THREE-STATE OUTPUTS	N
54FCT533	5962-8865101	LATCH, OCTAL TRANSPARENT	N
54FCT533A	5962-8865102	LATCH, OCTAL TRANSPARENT	N
54HC533	65404	LATCH, D-TYPE, 8-BIT, WITH INVERTED THREE-STATE OUTPUTS	N
54HC533	5962-8681301	LATCH, D-TYPE, 8-BIT, WITH INVERTED THREE-STATE OUTPUTS	N
54AC534	75605	FLIP-FLOP, D-TYPE, OCTAL, WITH INVERTING THREE-STATE OUTPUTS	N
54ACT534	5962-8965801	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	N
54ALS534	5962-8866801	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	N
54BCT534	5962-9074701M	FLIP-FLOP, D-TYPE, OCTAL WITH INVERTED THREE-STATE OUTPUTS, TTL COMPATIBLE	N
54FCT534	5962-8865501	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	N
54FCT534A	5962-8865502	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	N
54HC534	65605	FLIP-FLOP, D-TYPE, OCTAL, WITH INVERTED THREE-STATE OUTPUTS	N
54HC534	5962-8681401	FLIP-FLOP, D-TYPE, OCTAL, WITH INVERTED THREE-STATE OUTPUTS	N
54HCT534	5962-8984901	FLIP-FLOP, D-TYPE, OCTAL INVERTING, POS. EDGE-TRIGGERED, WITH 3-STATE OUTPUTS	N
54AC563	75405	LATCH, OCTAL D-TYPE WITH INVERTED THREE-STATE OUTPUTS	N
54ACT563	5962-8955601	LATCH, D-TYPE, 8-BIT, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	N
54ALS563A	5962-8870001	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH THREE-STATE OUTPUTS	N
54HC563	65405	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH THREE-STATE OUTPUTS	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Flip-Flops 3 - Continued			
54HC563	5962-8606201	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH THREE-STATE OUTPUTS	N
54AC564	75606	FLIP-FLOP, D-TYPE, OCTAL, WITH INVERTING THREE-STATE OUTPUTS	N
54ACT564	5962-8955701	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	N
54F564	34111	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	G42
54HC564	65606	FLIP-FLOP, D-TYPE, OCTAL, EDGE-TRIGGERED, WITH INVERTED THREE-STATE OUTPUTS	N
54HC564	5962-8681501	FLIP-FLOP, D-TYPE, OCTAL, EDGE-TRIGGERED, WITH INVERTED THREE-STATE OUTPUTS	N
54AC573	75406	LATCH, OCTAL D-TYPE WITH THREE-STATE OUTPUTS	N
54ACT573	5962-8766401	LATCH, D-TYPE, 8-BIT, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	N
54FCT573	5962-8863901	LATCH, OCTAL TRANSPARENT, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	N
54FCT573A	5962-8863902	LATCH, OCTAL TRANSPARENT, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	N
54HCT573	5962-8685601	LATCH, D-TYPE, 8-BIT, WITH THREE-STATE OUTPUTS AND LSTTL-COMPATIBLE INPUTS	G58
54AC574	75604	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	N
54ACT574	5962-8960101	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	N
54F574	34110	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	N
54F574	5962-8972401	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	N
54FCT574	5962-8951301	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	N
54FCT574	5962-8951302	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	N
54FCT574A	5962-8951302	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	N
54ALS576A	37105	FLIP-FLOP, D-TYPE, OCTAL, WITH INVERTED THREE-STATE OUTPUTS	G42
54ALS576A	8400102	FLIP-FLOP, D-TYPE, OCTAL, WITH INVERTED THREE-STATE OUTPUTS	G42
54ALS580	38202	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH INVERTED THREE-STATE OUTPUTS	G58
54ALS580	8401202	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH INVERTED THREE-STATE OUTPUTS	G58
54HC73	65301	FLIP-FLOP, JK, DUAL, WITH RESET	G34
54HC73	5962-8515301	FLIP-FLOP, JK, DUAL, WITH RESET	G34
54ACT74	5962-8752501	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	G20
54HC75	65401	LATCH, TRANSPARENT, DUAL 2-BIT	N
54HC75	8407001	LATCH, TRANSPARENT, DUAL 2-BIT	N
54HCT75	5962-9075801M	LATCH, TRANSPARENT, DUAL, 2-BIT BISTABLE, TTL-COMPATIBLE INPUTS	N
54HC76	5962-8773201	FLIP-FLOP, JK, DUAL, WITH PRESET AND CLEAR	G11
54ACT821	5962-8870501	FLIP-FLOP, D-TYPE, 10-BIT, WITH THREE-STATE OUTPUTS AND TTL-COMPATIBLE INPUTS	N
54AS821	5962-9078001M	BUS INTERFACE FLIP-FLOP, 10-BIT, WITH NONINVERTING INPUTS AND THREE-STATE OUTPUT	N
54AS822	5962-9078002M	BUS INTERFACE FLIP-FLOP, 10-BIT, WITH INVERTING INPUTS AND THREE-STATE OUTPUTS	N
54AS825	5962-9078003M	BUS INTERFACE FLIP-FLOP, 8-BIT, WITH NONINVERTING INPUTS AND THREE-STATE OUTPUTS	N
54AS826	5962-9078004M	BUS INTERFACE FLIP-FLOP, 8-BIT, WITH INVERTING INPUTS AND THREE-STATE OUTPUTS	N
54FCT841A	5962-8857501	LATCH, BUS INTERFACE, 10-BIT NONINVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE OUTPUTS	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Flip-Flops 3 - Continued			
54FCT8418	5962-8857502	LATCH, BUS INTERFACE, 10-BIT NONINVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE OUTPUTS	N
54ALS873	38203	LATCH, D-TYPE TRANSPARENT, DUAL 4-BIT, WITH THREE-STATE OUTPUTS	G62
54ALS873	8403201	LATCH, D-TYPE TRANSPARENT, DUAL 4-BIT, WITH THREE-STATE OUTPUTS	G62
54ALS8748	37106	FLIP-FLOP, D-TYPE, DUAL 4-BIT, WITH CLEAR AND THREE-STATE OUTPUTS	G62
54ALS8748	8401001	FLIP-FLOP, D-TYPE, DUAL 4-BIT, WITH CLEAR AND THREE-STATE OUTPUTS	G62
54ALS876	37107	FLIP-FLOP, D-TYPE, DUAL 4-BIT, WITH PRESET AND THREE-STATE INVERTED OUTPUTS	G62
54ALS880	38204	LATCH, D-TYPE TRANSPARENT, DUAL 4-BIT, WITH INVERTED THREE-STATE OUTPUTS	G62
54ALS996	5962-8994501	LATCH, D-TYPE, 8-BIT, EDGE-TRIGGERED READ BACK	N
8282	8417903	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH THREE STATE OUTPUTS	N
8283	8417904	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH INVERTED THREE-STATE OUTPUTS	N
Combinational gates 4			
(SEE DWG)	5962-8873901	MULTIPLIER, 8 X 8 TWO'S COMPLEMENT	N
(SEE DWG)	5962-8873902	MULTIPLIER, 8 X 8 TWO'S COMPLEMENT	N
(SEE DWG)	5962-8873903	MULTIPLIER, 8 X 8 UNSIGNED MAGNITUDE	N
(SEE DWG)	5962-8873904	MULTIPLIER, 8 X 8 UNSIGNED MAGNITUDE	N
10558	5962-8779201	MULTIPLEXER, QUAD 2-INPUT, NONINVERTING	N
10H558	5962-8756601	DATA SEL/MULTIPLEXER, QUAD 2-INPUT NONINVERTING	G13
10H560	5962-8756201	PARITY GENERATOR/CHECKER, 12-BIT	G9
10H561	5962-8756701	DECODER, BINARY TO 1-OF-8	G12
10564	5962-8852701	MULTIPLEXER, 8-INPUT	N
10H564	5962-8772901	MULTIPLEXER, 8-INPUT	G12
10H571	5962-8756801	DECODER, BINARY TO 1-4	G13
10H574	5962-8750601	DATA SEL/MULTIPLEXER, DUAL 4-TO-1	G12
15530	7802901	MANCHESTER ENCODER/DECODER	N
TMC2009	5962-9099601M	MULTIPLIER/ACCUMULATOR, 12 X 12 BIT	N
TMC208K85V	5962-8873901	MULTIPLIER, 8 X 8 TWO'S COMPLEMENT	N
TMC208K85V1	5962-8873902	MULTIPLIER, 8 X 8 TWO'S COMPLEMENT	N
25LS2513	5962-8754201	PRIORITY ENCODER, 8-LINE-TO-3-LINE	G33
25LS2521	5962-8671301	IDENTITY COMPARATOR, 8-BIT	G26
TMC28KU85V	5962-8873903	MULTIPLIER, 8 X 8 UNSIGNED MAGNITUDE	N
TMC28KU85V1	5962-8873904	MULTIPLIER, 8 X 8 UNSIGNED MAGNITUDE	N
L4C381-45	5962-8995901	ARITHMETIC LOGIC UNIT, 16-BIT CASCADABLE	N
54ACT11353	5962-9090601M	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH THREE-STATE OUTPUTS, TTL-COMP. INPUTS	N
54ACT11520	5962-8979303	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	N
54ACT11521	5962-8979304	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	N
54ACT138	5962-8755401	DECODER/DEMUTIPLEXER, 3-LINE-TO-8-LINE	G15
54FCT138	5962-8765401	DECODER, 3-LINE-TO-8-LINE, TTL-COMPATIBLE	G15
54FCT138A	5962-8765402	DECODER, 3-LINE-TO-8-LINE, TTL-COMPATIBLE	G15
54AC139	75803	DECODER, DUAL 2-LINE-TO-4-LINE	G18
54AC139	5962-8762301	DECODER, DUAL 2-LINE-TO-4-LINE	G18
54ACT139	5962-8755301	DECODER/DEMUTIPLEXER, DUAL 2-TO-4-LINE	G18
54ALS139	5962-8768301	DECODER, DUAL 2-LINE-TO-4-LINE	G18
54FCT139	5962-8950801	DECODER, DUAL 1-OF-4	N

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Combinational gates 4 - Continued			
54FCT139A	5962-8950802	DECODER, DUAL 1-OF-4	N
54HCT139	65853	DECODER, DUAL 2-LINE-TO-4-LINE	G18
54LS145	8508401	DECODER/DRIVER, BCD-TO-DECIMAL	G18
54HC147	8406401	PRIORITY ENCODER, 10-TO-4-LINE	G35
54F148	5962-8607001	PRIORITY ENCODER, 8-LINE-TO-3-LINE	G24
54ACT151	5962-8875601	DECODER/DEMULTIPLEXER, 8-INPUT, TTL-COMPATIBLE	N
54ALS151	8414101	DATA SEL/MULTIPLEXER, 8-INPUT	G13
54HC151B	66201	DATA SEL/MULTIPLEXER, 8-INPUT, WITH ENABLE	G23
54HC151B	8412801	DATA SEL/MULTIPLEXER, 8-INPUT, WITH ENABLE	G23
54HCT151	5962-9065201M	DATA SEL/MULTIPLEXER, 8-INPUT, TTL-COMPATIBLE INPUTS	N
54ACT153	5962-8769801	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, TTL-COMPATIBLE INPUTS	N
54ALS153	8413401	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	G14
54HC153B	66202	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	N
54HC153B	8409301	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	N
54HCT153	5962-9050501M	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, TTL-COMPATIBLE INPUTS	N
54HC154	65804	DECODER, 4-TO-16-LINE	G21
54HC154	5962-8682201	DECODER, 4-TO-16-LINE	G21
54HCT154	5962-8670101	DECODER, 4-TO-16-LINE	G96
54LS154	8301701	DECODER/DEMULTIPLEXER, 4-LINE-TO-16-LINE	G25
54ACT157	5962-8968801	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	N
54ALS157	5962-8686901	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	G15
54HC157B	66203	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	N
54HC157B	5962-8606101	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	N
54HCT157	5962-9070201M	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, NONINVERTING, TTL-COMPATIBLE INPUTS	N
54AC158	76204	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	N
54AC158	5962-8972901	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	N
54ACT158	5962-8875501	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	N
54ALS158	5962-8862501	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	G15
54HCT158	5962-9070301M	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, INVERTING, TTL-COMPATIBLE INPUTS	N
54FCT182	5962-8865201	LOOKAHEAD CARRY GENERATOR, HIGH-SPEED	N
54FCT182A	5962-8865202	LOOKAHEAD CARRY GENERATOR, HIGH-SPEED	N
54HC237	5962-8860601	DECODER/DEMULTIPLEXER, 3-LINE-TO-8-LINE, WITH ADDRESS LATCH	N
54HCT237	5962-9061301	DECODER/DEMULTIPLEXER, 3-LINE-TO-8-LINE, W/ ADDRESS LATCHES, TTL-COMPATIBLE	N
54HC238	5962-8688401	DECODER/DEMULTIPLEXER, 3-LINE-TO-8-LINE	N
54HCT238	5962-8974501	DECODER/DEMULTIPLEXER, 3-LINE-TO-8-LINE, TTL-COMPATIBLE INPUTS	N
54LS248	5962-8994401	DECODER/DRIVER, BCD-TO-SEVEN-SEGMENT	N
54AS250A	5962-9056201	DATA GENERATOR/MULTIPLEXER, 1-OF-16, WITH THREE-STATE OUTPUTS	N
54AC251	76205	DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE OUTPUTS	G17
54AC251	5962-8769201	DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE OUTPUTS	G17
54ACT251	5962-8959901	DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	N
54ALS251	8413501	DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE OUTPUTS	G17
54HC251B	66205	DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE OUTPUTS	G41
54HC251B	8512501	DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE OUTPUTS	G41
54HCT251	5962-9052401M	DATA SEL/MULTIPLEXER, 8-INPUT, THREE-STATE, TTL-COMPATIBLE INPUTS	N

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Combinational gates 4 - Continued			
54AC253	76206	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH THREE-STATE OUTPUTS	G16
54AC253	5962-8769301	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH THREE-STATE OUTPUTS	G16
54ACT253	5962-8776101	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	G16
54ALS253	8509601	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH THREE-STATE OUTPUTS	N
54HC253B	66206	DATA SEL/MULTIPLEXER, DUAL 4-LINE TO 1-LINE, WITH THREE-STATE OUTPUTS	N
54HC253B	5962-8868201	DATA SEL/MULTIPLEXER, DUAL 4-LINE TO 1-LINE, WITH THREE-STATE OUTPUTS	N
54AC257	76207	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	N
54AC257	5962-8870301	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	N
54ACT257	5962-8968901	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	N
54ALS257	8509701	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	G15
54HC257	66207	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	N
54HC257	8512401	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	N
54HCT257	5962-8970501	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE NONINVERTING OUTPUTS	N
54ACT258	5962-8870401	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	N
54ALS258	5962-8862601	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	G15
54HCT258	5962-8970801	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE INVERTING OUTPUTS, TTL-COMPATIBLE	N
54LS261	31801	MULTIPLIER, BINARY, 2-BIT-BY-4-BIT	G46
54LS261	8002601	MULTIPLIER, BINARY, 2-BIT-BY-4-BIT	G46
54HC280	8607701	PARITY GENERATOR/CHECKER, 9-BIT ODD/EVEN	G58
54HC283	5962-8976501	ADDER, 4-BIT BINARY FULL, WITH FAST CARRY	N
54AS286	5962-8966301	PARITY GENERATOR/CHECKER, 9-BIT, WITH BUS DRIVER PARITY I/O PORT	N
54ALS29843	5962-9072001M	BUS INTERFACE LATCH, D-TYPE, 9-BIT, WITH THREE-STATE OUTPUTS	N
54LS353	8550801	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH THREE-STATE OUTPUTS	G16
54LS382	5962-8688101	ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR	G96
54HC4050	5962-8682001	CONVERTER, HEX LOGIC LEVEL DOWN	G6
54HC42	65801	DECODER, BCD-TO-DECIMAL	G35
54HC42	5962-8682101	DECODER, BCD-TO-DECIMAL	G35
54HC4511	5962-8773301	DECODER/DRIVER, BCD-TO-7-SEGMENT	N
54F516	5962-8871001	IDENTITY COMPARATOR, 8-BIT, WITH OPEN-COLLECTOR OUTPUTS	N
54F519	5962-8871101	IDENTITY COMPARATOR, 8-BIT, WITH OPEN-COLLECTOR OUTPUTS	N
54ACT520	5962-8979301	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	N
54ALS520	5962-8869101	IDENTITY COMPARATOR, 8-BIT	N
54F520	5962-8871201	IDENTITY COMPARATOR, 8-BIT	N
54ACT521	5962-8979302	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	N
54FCT521	5962-8854301	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	N
54FCT521A	5962-8854302	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	N

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Combinational gates 4 - Continued			
54FCT521B	5962-8854303	IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS	N
54ALS688	5962-8857801	IDENTITY COMPARATOR, 8-BIT	N
54HC688	5962-8681801	MAGNITUDE COMPARATOR, 8-BIT	G18
54HCT688	5962-8685701	MAGNITUDE COMPARATOR, 8-BIT, WITH LSTTL-COMPATIBLE INPUTS	G14
54HC85	8601301	MAGNITUDE COMPARATOR, 4-BIT	G53
54HCT85	5962-8867201	MAGNITUDE COMPARATOR, 4-BIT	N
721055	5962-8873301	MULTIPLIER, 16-BIT PARALLEL	N
721065	5962-8873302	MULTIPLIER, 16-BIT PARALLEL	N
721075	5962-8873303	MULTIPLIER, 16-BIT PARALLEL	N
7216L-40	5962-8687301	MULTIPLIER, 16-BIT PARALLEL, 42 NS MULTIPLY TIME	N
7216L-55	5962-8687302	MULTIPLIER, 16-BIT PARALLEL, 55 NS MULTIPLY TIME	N
7216L-75	5962-8687303	MULTIPLIER, 16-BIT PARALLEL, 75 NS MULTIPLY TIME	N
7217L-40	5962-8768601	MULTIPLIER, 16-BIT PARALLEL, 42 NS MULTIPLY TIME	N
7217L-55	5962-8768602	MULTIPLIER, 16-BIT PARALLEL, 55 NS MULTIPLY TIME	N
7217L-75	5962-8768603	MULTIPLIER, 16-BIT PARALLEL, 75 NS ACCESS TIME	N
93S48	5962-8672601	PARITY GENERATOR/CHECKER, 12-BIT	G22
Sequential registers/counters 5			
10H416	5962-8759001	BINARY COUNTER, 4-BIT	N
10H536	5962-8700101	UNIVERSAL COUNTER	G47
10541	5962-8855701	SHIFT REGISTER, UNIVERSAL	N
10H541	5962-8751101	SHIFT REGISTER, 4-BIT UNIVERSAL	G41
TMC2011V	5962-8944601	SHIFT REGISTER, 8-BIT, VARIABLE-LENGTH (3-18 STAGES), 30 MHZ	N
TMC2111V	5962-8944602	SHIFT REGISTER, 8-BIT, VARIABLE-LENGTH (1-16 STAGES), 30 MHZ	N
25LS2519	5962-8670201	REGISTER, D-TYPE, QUAD, WITH TO INDEPENDENTLY CONTROLLED THREE-STATE OUTPUTS	N
29LS18	5962-8671901	REGISTER, D-TYPE, QUAD, WITH STANDARD AND THREE-STATE OUTPUTS	G30
29FCT520A	5962-8873601	PIPELINE REGISTER, MULTILEVEL	N
29FCT520B	5962-8873603	PIPELINE REGISTER, MULTILEVEL	N
29FCT521A	5962-8873602	PIPELINE REGISTER, MULTILEVEL	N
29FCT521B	5962-8873604	PIPELINE REGISTER, MULTILEVEL	N
29818A	5962-8954901	PIPELINE REGISTER, WITH SERIAL SHADOW REGISTER	N
AM29C818	5962-9051501	DIAGNOSTICS	N
29821A	5962-8775501	PIPELINE REGISTER	N
29C821	5962-8851601	BUS INTERFACE REGISTER, 10-WIDE	G52
29823A	5962-8775502	REGISTER, BUS INTERFACE, 10-WIDE, HIGH PERFORMANCE	G52
29C823	5962-8851602	BUS INTERFACE REGISTER, 9-WIDE	G50
29825A	5962-8775503	REGISTER, BUS INTERFACE, 9-WIDE, HIGH PERFORMANCE	G50
29921A	5962-8775504	BUS INTERFACE REGISTER, 8-WIDE	G45
29923A	5962-8775505	BUS INTERFACE REGISTER, 10-WIDE	G52
29925A	5962-8775506	BUS INTERFACE REGISTER, 9-WIDE	G50
54ALS160	38101	BUS INTERFACE REGISTER, 8-WIDE	G45
54HC160	66301	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	G54
54HC160	5962-8682401	DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS RESET	N
54HCT160	5962-9070501M	DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS RESET	N
54AC161	76302	BCD DECADE COUNTER, ASYNCHRONOUS RESET, TTL-COMPATIBLE INPUTS	N
		BINARY COUNTER, 4-BIT SYNCHRONOUS PRESETTABLE	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Sequential registers/counters 5 - Continued			
54AC161	5962-8956101	BINARY COUNTER, 4-BIT SYNCHRONOUS PRESETTABLE	N
54FCT161	5962-8864001	BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE, TTL-COMPATIBLE	N
54HCT161	5962-8685401	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNC. CLEAR AND LSTTL-COMPATIBLE INPUTS	G55
54ALS162A	38102	DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	G69
54ALS162A	8407901	DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR	G69
54HC162	66303	BCD COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS RESET	N
54HC162	8409401	BCD COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS RESET	N
54HCT162	5962-8970701	BCD DECADE COUNTER, 4-BIT SYNCHRONOUS RESET, TTL-COMPATIBLE INPUTS	N
54AC163	76304	BINARY COUNTER, 4-BIT SYNCHRONOUS PRESETTABLE	N
54AC163	5962-8958201	BINARY COUNTER, 4-BIT SYNCHRONOUS PRESETTABLE	N
54FCT163	5962-8865701	BINARY COUNTER, 4-BIT SYNCHRONOUS PRESETTABLE, TTL-COMPATIBLE	G50
54FCT163A	5962-8865702	BINARY COUNTER, 4-BIT SYNCHRONOUS PRESETTABLE	G50
54ALS164	5962-8687001	SHIFT REGISTER, 8-BIT PARALLEL-OUT SERIAL	G36
54F164	5962-8607101	SHIFT REGISTER, 8-BIT SERIAL-IN PARALLEL-OUT	G51
54HCT164	5962-8970401	SHIFT REGISTER, 8-BIT SERIAL-IN/PARALLEL-OUT, TTL-COMPATIBLE INPUTS	N
54ALS165	5962-8957401	SHIFT REGISTER, 8-BIT PARALLEL LOAD	N
54HCT165	5962-8685501	SHIFT REGISTER, 8-BIT PARALLEL-IN SERIAL-OUT, WITH LSTTL-COMPATIBLE INPUTS	G52
54HC166	66503	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	N
54ALS168	38103	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	G71
54LS168	31505	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	G69
54LS168	8001801	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	G69
54F169	5962-8607201	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	G74
54LS169	31506	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	G68
54LS169	8001802	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	G68
54LS170	31902	REGISTER FILE, 4 X 4, WITH OPEN COLLECTOR OUTPUTS	G100
54LS170	8002501	REGISTER FILE, 4 X 4, WITH OPEN COLLECTOR OUTPUTS	G100
54HC190	5962-8994601	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	N
54AC191	76305	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	N
54AC191	5962-8974901	BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK	N
54ALS191	5962-8684001	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	G65
54F191	34303	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	G55
54FCT191	5962-8973301	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH PRESET AND RIPPLE CLOCK	N
54FCT191A	5962-8973302	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH PRESET AND RIPPLE CLOCK	N
54HC191	66305	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH PRESET	G43
54HC191	5962-8689101	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH PRESET	G43
54HCT191	5962-8867101	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, PRESETTABLE, TTL-COMPATIBLE INPUTS	N
54HC192	66306	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH ASYNCHRONOUS RESET	N
54HC192	5962-8780801	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH ASYNCHRONOUS RESET	N
54ALS193	5962-8869801	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	N
54HC193	66307	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH ASYNCHRONOUS RESET	N
54HC193	5962-8772401	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH ASYNCHRONOUS RESET	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Sequential registers/counters 5 - Continued			
54HC194	66504	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL	G64
54HC194	5962-8682601	SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL	G64
54HC195	66505	SHIFT REGISTER, 4-BIT PARALLEL	N
54HC195	5962-8682701	SHIFT REGISTER, 4-BIT PARALLEL	N
54LS196	32001	DECADE/BINARY COUNTER, 4-BIT PRESETTABLE, 30 MHZ	G43
54LS196	7701001	DECADE/BINARY COUNTER, 4-BIT PRESETTABLE, 30 MHZ	G43
54F269	5962-8862701	BINARY COUNTER, 8-BIT BIDIRECTIONAL	N
54ALS29823	5962-9067501M	FLIP-FLOP, 9-BIT BUS INTERFACE, THREE-STATE OUTPUTS, NONINVERTING INPUTS	N
54ALS29824	5962-9067502M	FLIP-FLOP, 9-BIT BUS INTERFACE, THREE-STATE OUTPUTS, INVERTING INPUTS	N
54ALS29825	5962-9069501M	BUS INTERFACE REGISTER, 8-BIT	N
54ACT299	5962-8877101	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS, TTL-COMP	N
54ALS299	37601	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH THREE-STATE OUTPUTS PINS, TTL-COMP	G104
54ALS299	8302101	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH THREE-STATE OUTPUTS PINS, TTL-COMP	G104
54F299	5962-8957301	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH THREE-STATE OUTPUTS	N
54FCT299	5962-8686201	SHIFT REGISTER, 8-BIT UNIVERSAL, TTL-COMPATIBLE WITH THREE-STATE OUTPUTS	G88
54FCT299A	5962-8686202	SHIFT REGISTER, 8-BIT UNIVERSAL, TTL-COMPATIBLE WITH THREE-STATE OUTPUTS	N
54HC299	66506	SHIFT REGISTER, 8-BIT UNIVERSAL, WITH THREE-STATE OUTPUTS	N
54HC299	5962-8780601	SHIFT REGISTER, 8-BIT UNIVERSAL, WITH THREE-STATE OUTPUTS	N
54LS299	7802401	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL	N
54F322	5962-8607401	SHIFT REGISTER, 8-BIT SERIAL/PARALLEL WITH SIGN EXTEND AND THREE-STATE OUTPUTS	G82
54ALS323	37602	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH THREE-STATE OUTPUTS THREE-STATE OUTPUTS	G104
54ALS323	8302102	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH THREE-STATE OUTPUTS THREE-STATE OUTPUTS	G104
54F350	5962-8607501	SHIFT REGISTER, 4-BIT, WITH THREE-STATE OUTPUTS	G29
54F378	34108	REGISTER, D-TYPE, HEX PARALLEL	G50
54F378	5962-8855501	REGISTER, D-TYPE, HEX PARALLEL	G50
54HC390	66308	BINARY COUNTER, DUAL, WITH DIVIDE BY 2 AND DIVIDE BY 5 SECTIONS	G31
54HC390	8600901	BINARY COUNTER, DUAL, WITH DIVIDE BY 2 AND DIVIDE BY 5 SECTIONS	G31
54HCT393	5962-8989001	BINARY COUNTER, DUAL 4-STAGE, TTL COMPATIBLE INPUTS	N
54LS396	5962-9050301	STORAGE REGISTER, OCTAL, LOW-POWER	N
54FCT399	5962-8965201	REGISTER, QUAD DUAL-PORT, TTL-COMPATIBLE	N
54FCT399A	5962-8965202	REGISTER, QUAD DUAL-PORT, TTL-COMPATIBLE	N
54LS399	8415401	REGISTER, QUAD 2-PORT	N
54HCT40102	5962-9057401	BCD COUNTER, 8-BIT SYNCHRONOUS DOWN, TTL-COMPATIBLE INPUTS	N
54HC40103	5962-9055301	BINARY COUNTER, 8-BIT SYNCHRONOUS	N
54HC4017	66310	DECADE COUNTER/DIVIDER	G59
54HC4017	8601101	DECADE COUNTER/DIVIDER	G59
54HCT4017	5962-9059701M	DECADE COUNTER/DIVIDER, WITH 10 DECODED OUTPUTS, TTL-COMPATIBLE INPUTS	N
54HC4020	66311	BINARY COUNTER, 14-STAGE RIPPLE	G100

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Sequential registers/counters 5 - Continued			
54HC4020	8500301	BINARY COUNTER, 14-STAGE RIPPLE	G100
54HCT4020	5962-8945801	BINARY COUNTER, 14-STAGE RIPPLE, TTL COMPATIBLE INPUTS	N
54HC4024	66312	BINARY COUNTER, 7-STAGE RIPPLE	N
54HC4024	8601201	BINARY COUNTER, 7-STAGE RIPPLE	N
54HC4040	66313	BINARY COUNTER, 12-STAGE RIPPLE	N
54HC4040	8500401	BINARY COUNTER, 12-STAGE RIPPLE	N
54HCT4040	5962-8994701M	BINARY COUNTER, 12-STAGE RIPPLE-CARRY, TTL-COMPATIBLE INPUTS	N
54HC4059	5962-8944501	COUNTER, PROGRAMMABLE DIVIDE-BY-N	N
54HCT4059	5962-8862401	COUNTER, PROGRAMMABLE DIVIDE-BY-N, WITH TTL-COMPATIBLE INPUTS	N
54HC4060	5962-8768001	BINARY COUNTER, 14-STAGE	G72
54HCT4060	5962-8977101	BINARY COUNTER, 14-STAGE, WITH OSCILLATOR AND TTL COMPATIBLE INPUTS	N
54ALS580	38104	DECADE COUNTER, 4-BIT SYNCHRONOUS	G82
54ALS561A	38004	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH THREE-STATE OUTPUTS	G82
54ALS561A	8302203	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH THREE-STATE OUTPUTS	G82
54ALS568	38105	DECADE COUNTER, 4-BIT SYNCHRONOUS	G80
54ALS569A	38005	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH THREE-STATE OUTPUTS	N
54ALS569A	8302502	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH THREE-STATE OUTPUTS	N
54F579	5962-8954501	BINARY COUNTER, 8-BIT BIDIRECTIONAL, WITH THREE-STATE OUTPUTS	N
54HC590	5962-8960301	BINARY COUNTER, 8-BIT, WITH THREE-STATE OUTPUT REGISTERS	N
54LS590	5962-8751701	BINARY COUNTER, 8-BIT, WITH THREE-STATE OUTPUT REGISTERS	G87
54LS592	5962-8762101	BINARY COUNTER, 8-BIT, WITH INPUT REGISTERS	G106
54HC595	66507	SHIFT REGISTER, 8-BIT, WITH OUTPUT LATCHES	N
54HC595	5962-8681601	SHIFT REGISTER, 8-BIT, WITH OUTPUT LATCHES	N
54LS595	5962-8671701	SHIFT REGISTER, 8-BIT, WITH THREE-STATE OUTPUTS	G109
54HC597	5962-8681701	SHIFT REGISTER, 8-BIT, WITH INPUT LATCHES	N
54HCT597	5962-8974101	SHIFT REGISTER, 8-BIT, WITH I/P LATCH, TTL-COMPATIBLE INPUTS	N
54LS668	5962-8687601	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	G61
54LS673	5962-8860201	SHIFT REGISTER, 16-BIT, SERIAL-IN SERIAL-OUT WITH 16-BIT PARALLEL-OUT STORAGE	N
54LS674	5962-8860701	SHIFT REGISTER, 16-BIT PAR. TO SER.	N
54F676	5962-8854601	SHIFT REGISTER, 16-BIT, SERIAL/PARALLEL-IN, SERIAL-OUT	N
54FCT821A	5962-8860801	REGISTER, 10-BIT, NONINVERTING	N
54FCT821B	5962-8860802	REGISTER, 10-BIT, NONINVERTING	N
54FCT823A	5962-8865601	REGISTER, 9-BIT NONINVERTING	N
54FCT823B	5962-8865602	REGISTER, 9-BIT NONINVERTING	N
54FCT824A	5962-8966501	REGISTER, 9-BIT WIDE BUFFERED, TTL-COMPATIBLE, WITH INVERTED 3-STATE OUTPUTS	N
54FCT824B	5962-8966502	REGISTER, 9-BIT WIDE BUFFERED, TTL-COMPATIBLE, WITH INVERTED 3-STATE OUTPUTS	N
54FCT825A	5962-8867401	BUS INTERFACE REGISTER, 8-BIT, NONINVERTING, TTL-COMPATIBLE	N
54FCT825B	5962-8867402	BUS INTERFACE REGISTER, 8-BIT, NONINVERTING, TTL-COMPATIBLE	N
54ALS870	5962-8988901	REGISTER FILE, DUAL 16-WORD BY 4-BIT	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Sequential registers/counters 5 - Continued			
54F198 SP8718 SP8755	5962-9050201 5962-8861701 5962-8868401	SHIFT REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL COUNTER, DIVIDE BY 64 OR 65 COUNTER, DIVIDE BY 64 PRESCALER, WITH TTL-COMPATIBLE OUTPUTS	N N N
RAM 6			
(SEE DWG)	5962-8770302	STATIC RAM, 256 X 9, WITH THREE-STATE OUTPUTS, 60 NS ACCESS TIME	82304
(SEE DWG)	8102401	STATIC RAM, 4K X 1	84096
(SEE DWG)	8102402	STATIC RAM, 1K X 4	84096
(SEE DWG)	8103906	STATIC RAM, 2K X 8, 90 NS ACCESS TIME	816384
(SEE DWG)	8103907	STATIC RAM, 2K X 8, 120 NS ACCESS TIME	816384
(SEE DWG)	8103908	STATIC RAM, 2K X 8, 200 NS ACCESS TIME	816384
(SEE DWG)	8201001	DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 150 NS ACCESS TIME	865536
(SEE DWG)	8201002	DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 150 NS ACCESS TIME	865536
(SEE DWG)	8201003	DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 200 NS ACCESS TIME	865536
(SEE DWG)	8201004	DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 150 NS ACCESS TIME	865536
(SEE DWG)	8201005	DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 200 NS ACCESS TIME	865536
(SEE DWG)	8201006	DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 150 NS ACCESS TIME	865536
(SEE DWG)	8201007	DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 200 NS ACCESS TIME	865536
(SEE DWG)	8201008	DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 120 NS ACCESS TIME	865536
(SEE DWG)	8403603	STATIC RAM, 2K X 8, 90 NS ACCESS TIME	816384
(SEE DWG)	8403604	STATIC RAM, 2K X 8, 150 NS ACCESS TIME	816384
(SEE DWG)	8413202	STATIC RAM, 16K X 1, 45 NS ACCESS TIME	816384
(SEE DWG)	8515201	DYNAMIC RAM, 256K X 1, 150 NS ACCESS TIME	8262144
(SEE DWG)	8515202	DYNAMIC RAM, 256K X 1, 200 NS ACCESS TIME	8262144
(SEE DWG)	5962-8670502	STATIC RAM, 4K X 4, 25 NS ACCESS TIME	816284
(SEE DWG)	5962-8670503	STATIC RAM, 4K X 4, 35 NS ACCESS TIME	816284
(SEE DWG)	5962-8670504	STATIC RAM, 4K X 4, 35 NS ACCESS TIME	816284
(SEE DWG)	5962-8670506	STATIC RAM, 4K X 4, 45 NS ACCESS TIME	816284
(SEE DWG)	5962-8670507	STATIC RAM, 4K X 4, 55 NS ACCESS TIME	816284
(SEE DWG)	5962-8670508	STATIC RAM, 4K X 4, 55 NS ACCESS TIME	816284
(SEE DWG)	5962-8670509	STATIC RAM, 4K X 4, 70 NS ACCESS TIME	816284
(SEE DWG)	5962-8670510	STATIC RAM, 4K X 4, 70 NS ACCESS TIME	816284
(SEE DWG)	8515203	DYNAMIC RAM, 256K X 1, 120 NS ACCESS TIME	8262144
(SEE DWG)	5962-8770301	STATIC RAM, 256 X 9, WITH THREE-STATE OUTPUTS, 70 NS ACCESS TIME	82304
(SEE DWG)	5962-8770303	STATIC RAM, 256 X 9, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME	82304
(SEE DWG)	8403607	STATIC RAM, 2K X 8, 120 NS ACCESS TIME	816384
(SEE DWG)	8403608	STATIC RAM, 2K X 8, 45 NS ACCESS TIME	816384
(SEE DWG)	8403609	STATIC RAM, 2K X 8, 45 NS ACCESS TIME	816384
(SEE DWG)	8403610	STATIC RAM, 2K X 8, 55 NS ACCESS TIME	816384
(SEE DWG)	8403611	STATIC RAM, 2K X 8, 55 NS ACCESS TIME	816384
(SEE DWG)	8403616	STATIC RAM, 2K X 8, 90 NS ACCESS TIME	816384
(SEE DWG)	8403612	STATIC RAM, 2K X 8, 70 NS ACCESS TIME	816384

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
RAM 6 - Continued			
(SEE DWG)	8403613	STATIC RAM, 2K X 8, 70 NS ACCESS TIME	816384
(SEE DWG)	8403614	STATIC RAM, 2K X 8, 35 NS ACCESS TIME	816384
(SEE DWG)	8403615	STATIC RAM, 2K X 8, 120 NS ACCESS TIME	816384
(SEE DWG)	8102403	STATIC RAM, 4K X 1	84096
(SEE DWG)	8102404	STATIC RAM, 1K X 4	84096
(SEE DWG)	5962-8751302	STATIC RAM, 4K X 1, 35 NS ACCESS TIME	84096
(SEE DWG)	5962-8859501	STATIC RAM, 256 X 4, 35 NS ACCESS TIME	81024
(SEE DWG)	5962-8670511	STATIC RAM, 4K X 4, 25 NS ACCESS TIME	816284
(SEE DWG)	5962-8670512	STATIC RAM, 4K X 4, 35 NS ACCESS TIME	816284
(SEE DWG)	5962-8670513	STATIC RAM, 4K X 4, 45 NS ACCESS TIME	816284
(SEE DWG)	5962-8670514	STATIC RAM, 4K X 4, 55 NS ACCESS TIME	816284
(SEE DWG)	5962-8670515	STATIC RAM, 4K X 4, 70 NS ACCESS TIME	816284
(SEE DWG)	5962-8687501	STATIC RAM, 1K X 8, DUAL PORT (MASTER), 90 NS ACCESS TIME	88192
(SEE DWG)	5962-8687502	STATIC RAM, 1K X 8, DUAL PORT (MASTER), 70 NS ACCESS TIME	88192
(SEE DWG)	5962-8687503	STATIC RAM, 1K X 8, DUAL PORT (MASTER), 55 NS ACCESS TIME	88192
(SEE DWG)	5962-8687504	STATIC RAM, 1K X 8, DUAL PORT (MASTER), 45 NS ACCESS TIME	88192
(SEE DWG)	5962-8687505	STATIC RAM, 1K X 8, DUAL PORT (MASTER), 90 NS ACCESS TIME	88192
(SEE DWG)	5962-8687506	STATIC RAM, 1K X 8, DUAL PORT (MASTER), 70 NS ACCESS TIME	88192
(SEE DWG)	5962-8687507	STATIC RAM, 1K X 8, DUAL PORT (MASTER), 55 NS ACCESS TIME	88192
(SEE DWG)	5962-8687508	STATIC RAM, 1K X 8, DUAL PORT (MASTER), 45 NS ACCESS TIME	88192
(SEE DWG)	5962-8687509	STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 90 NS ACCESS TIME	88192
(SEE DWG)	5962-8687510	STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 70 NS ACCESS TIME	88192
(SEE DWG)	5962-8687511	STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 55 NS ACCESS TIME	88192
(SEE DWG)	5962-8687512	STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 45 NS ACCESS TIME	88192
(SEE DWG)	5962-8687513	STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 90 NS ACCESS TIME	88192
(SEE DWG)	5962-8687514	STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 70 NS ACCESS TIME	88192
(SEE DWG)	5962-8687515	STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 55 NS ACCESS TIME	88192
(SEE DWG)	5962-8687516	STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 45 NS ACCESS TIME	88192
(SEE DWG)	5962-8687517	STATIC RAM, 1K X 8, DUAL PORT (MASTER), 35 NS ACCESS TIME	88192
(SEE DWG)	5962-8687518	STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 35 NS ACCESS TIME	88192
(SEE DWG)	5962-8855201	STATIC RAM, 32K X 8, LOW-POWER, 100 NS ACCESS TIME	8262144
(SEE DWG)	5962-8855202	STATIC RAM, 32K X 8, LOW-POWER, 70 NS ACCESS TIME	8262144
(SEE DWG)	5962-8855203	STATIC RAM, 32K X 8, LOW-POWER, 55 NS ACCESS TIME	8262144
(SEE DWG)	5962-8855204	STATIC RAM, 32K X 8, LOW-POWER, 45 NS ACCESS TIME	8262144
(SEE DWG)	5962-8601501	STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 35 NS ACCESS TIME	865536
(SEE DWG)	5962-8601502	STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 35 NS ACCESS TIME	865536

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
RAM 6 - Continued			
(SEE DWG)	5962-8601503	STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME	865536
(SEE DWG)	5962-8601504	STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME	865536
(SEE DWG)	5962-8601505	STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME	865536
(SEE DWG)	5962-8601506	STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME	865536
(SEE DWG)	5962-8601507	STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 70 NS ACCESS TIME	865536
(SEE DWG)	5962-8601508	STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 70 NS ACCESS TIME	865536
(SEE DWG)	5962-8685901	STATIC RAM, 16K X 4, 85 NS ACCESS TIME	865536
(SEE DWG)	5962-8685902	STATIC RAM, 16K X 4, 85 NS ACCESS TIME	865536
(SEE DWG)	5962-8685903	STATIC RAM, 16K X 4, 70 NS ACCESS TIME	865536
(SEE DWG)	5962-8685904	STATIC RAM, 16K X 4, 70 NS ACCESS TIME	865536
(SEE DWG)	5962-8685905	STATIC RAM, 16K X 4, 55 NS ACCESS TIME	865536
(SEE DWG)	5962-8685906	STATIC RAM, 16K X 4, 55 NS ACCESS TIME	865536
(SEE DWG)	5962-8685907	STATIC RAM, 16K X 4, 45 NS ACCESS TIME	865536
(SEE DWG)	5962-8685908	STATIC RAM, 16K X 4, 45 NS ACCESS TIME	865536
(SEE DWG)	5962-8685909	STATIC RAM, 16K X 4, 35 NS ACCESS TIME	865536
(SEE DWG)	5962-8685910	STATIC RAM, 16K X 4, 35 NS ACCESS TIME	865536
(SEE DWG)	5962-8685911	STATIC RAM, 16K X 4, 70 NS ACCESS TIME	865536
(SEE DWG)	5962-8685912	STATIC RAM, 16K X 4, 70 NS ACCESS TIME	865536
(SEE DWG)	5962-8685913	STATIC RAM, 16K X 4, 55 NS ACCESS TIME	865536
(SEE DWG)	5962-8685914	STATIC RAM, 16K X 4, 55 NS ACCESS TIME	865536
(SEE DWG)	5962-8685915	STATIC RAM, 16K X 4, 45 NS ACCESS TIME	865536
(SEE DWG)	5962-8685916	STATIC RAM, 16K X 4, 45 NS ACCESS TIME	865536
(SEE DWG)	5962-8685917	STATIC RAM, 16K X 4, 35 NS ACCESS TIME	865536
(SEE DWG)	5962-8685918	STATIC RAM, 16K X 4, 35 NS ACCESS TIME	865536
(SEE DWG)	5962-8685919	STATIC RAM, 16K X 4, 55 NS ACCESS TIME	865536
(SEE DWG)	5962-8685920	STATIC RAM, 16K X 4, 55 NS ACCESS TIME	865536
(SEE DWG)	5962-8685921	STATIC RAM, 16K X 4, 45 NS ACCESS TIME	865536
(SEE DWG)	5962-8685922	STATIC RAM, 16K X 4, 45 NS ACCESS TIME	865536
(SEE DWG)	5962-8685923	STATIC RAM, 16K X 4, 35 NS ACCESS TIME	865536
(SEE DWG)	5962-8685924	STATIC RAM, 16K X 4, 35 NS ACCESS TIME	865536
(SEE DWG)	5962-8859401	STATIC RAM, 256 X 4, 15 NS ACCESS TIME	81024
(SEE DWG)	5962-8859402	STATIC RAM, 256 X 4, 35 NS ACCESS TIME	81024
(SEE DWG)	5962-8859403	STATIC RAM, 256 X 4, 25 NS ACCESS TIME	81024
(SEE DWG)	5962-8854501	STATIC RAM, 64K X 4, LOW-POWER, 35 NS ACCESS TIME	8262144
(SEE DWG)	5962-8854502	STATIC RAM, 64K X 4, LOW-POWER, 45 NS ACCESS TIME	8262144
(SEE DWG)	5962-8854503	STATIC RAM, 64K X 4, LOW-POWER, 55 NS ACCESS TIME	8262144
(SEE DWG)	5962-8854504	STATIC RAM, 64K X 4, LOW-POWER, 70 NS ACCESS TIME	8262144
(SEE DWG)	5962-8858801	STATIC RAM, 1K X 4, WITH RESET, 35 NS ACCESS TIME	84096
(SEE DWG)	5962-8858802	STATIC RAM, 1K X 4, WITH RESET, 25 NS ACCESS TIME	84096
(SEE DWG)	5962-8858803	STATIC RAM, 1K X 4, WITH RESET, 15 NS ACCESS TIME	84096
(SEE DWG)	8413203	STATIC RAM, 16K X 1, 70 NS ACCESS TIME	816384
(SEE DWG)	8413204	STATIC RAM, 16K X 1, 35 NS ACCESS TIME	816384
(SEE DWG)	8413205	STATIC RAM, 16K X 1, 35 NS ACCESS TIME	816384
(SEE DWG)	8413206	STATIC RAM, 16K X 1, 25 NS ACCESS TIME	816384
(SEE DWG)	8413207	STATIC RAM, 16K X 1, 25 NS ACCESS TIME	816384
(SEE DWG)	8413208	STATIC RAM, 16K X 1, 55 NS ACCESS TIME	816384
(SEE DWG)	5962-8866201	STATIC RAM, 32K X 8, 100 NS ACCESS TIME	8262144
(SEE DWG)	5962-8866202	STATIC RAM, 32K X 8, 70 NS ACCESS TIME	8262144
(SEE DWG)	5962-8866203	STATIC RAM, 32K X 8, 55 NS ACCESS TIME	8262144

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
RAM 6 - Continued			
(SEE DWG)	5962-8866204	STATIC RAM. 32K X 8. 45 NS ACCESS TIME	8262144
(SEE DWG)	5962-8854401	STATIC RAM. 256K X 1. LOW-POWER. 35 NS ACCESS TIME	8262144
(SEE DWG)	5962-8854402	STATIC RAM. 256K X 1. LOW-POWER. 45 NS ACCESS TIME	8262144
(SEE DWG)	5962-8854403	STATIC RAM. 256K X 1. LOW-POWER. 55 NS ACCESS TIME	8262144
(SEE DWG)	5962-8854404	STATIC RAM. 256K X 1. LOW-POWER. 70 NS ACCESS TIME	8262144
(SEE DWG)	8413209	STATIC RAM. 16K X 1. 45 NS ACCESS TIME	816384
(SEE DWG)	5962-8872501	STATIC RAM. 256K X 1. 35 NS ACCESS TIME	8262144
(SEE DWG)	5962-8872502	STATIC RAM. 256K X 1. 45 NS ACCESS TIME	N
(SEE DWG)	5962-8872503	STATIC RAM. 256K X 1. 55 NS ACCESS TIME	N
(SEE DWG)	5962-8872504	STATIC RAM. 256K X 1. 70 NS ACCESS TIME	N
(SEE DWG)	5962-8872505	STATIC RAM. 256K X 1. 25 NS ACCESS TIME	N
(SEE DWG)	5962-8866501	STATIC RAM. 2K X 16. DUAL PORT (MASTER). 90 NS ACCESS TIME	832768
(SEE DWG)	5962-8866502	STATIC RAM. 2K X 16. DUAL PORT (SLAVE). 90 NS ACCESS TIME	832768
(SEE DWG)	5962-8866503	STATIC RAM. 2K X 16. DUAL PORT (MASTER). 70 NS ACCESS TIME	832768
(SEE DWG)	5962-8866504	STATIC RAM. 2K X 16. DUAL PORT (SLAVE). 70 NS ACCESS TIME	832768
(SEE DWG)	5962-8861001	STATIC RAM. 2K X 16. DUAL PORT (MASTER). 90 NS ACCESS TIME	832768
(SEE DWG)	5962-8861002	STATIC RAM. 2K X 16. DUAL PORT (SLAVE). 90 NS ACCESS TIME	832768
(SEE DWG)	5962-8861003	STATIC RAM. 2K X 16. DUAL PORT (MASTER). 70 NS ACCESS TIME	832768
(SEE DWG)	5962-8861004	STATIC RAM. 2K X 16. DUAL PORT (SLAVE). 70 NS ACCESS TIME	832768
(SEE DWG)	5962-8861101	STATIC RAM. 4K X 4. WITH SEPARATE I/O. 70 NS ACCESS TIME	816392
(SEE DWG)	5962-8861102	STATIC RAM. 4K X 4. WITH SEPARATE I/O. 55 NS ACCESS TIME	816392
(SEE DWG)	5962-8861103	STATIC RAM. 4K X 4. WITH SEPARATE I/O. 45 NS ACCESS TIME	816392
(SEE DWG)	5962-8861104	STATIC RAM. 4K X 4. WITH SEPARATE I/O. 35 NS ACCESS TIME	816392
(SEE DWG)	5962-8861105	STATIC RAM. 4K X 4. WITH SEPARATE I/O. 25 NS ACCESS TIME	816392
(SEE DWG)	5962-8874001	STATIC RAM. 2K X 8. LOW-POWER. 35 NS ACCESS TIME	816384
(SEE DWG)	5962-8874002	STATIC RAM. 2K X 8. LOW-POWER. 25 NS ACCESS TIME	816384
(SEE DWG)	5962-8868301	STATIC RAM. 8K X 9. 45 NS ACCESS TIME	872828
(SEE DWG)	5962-8868302	STATIC RAM. 8K X 9. 35 NS ACCESS TIME	872828
(SEE DWG)	5962-8868303	STATIC RAM. 8K X 9. 25 NS ACCESS TIME	872828
(SEE DWG)	5962-8868101	STATIC RAM. 64K X 4. 35 NS ACCESS TIME	8262144
(SEE DWG)	5962-8868102	STATIC RAM. 64K X 4. 45 NS ACCESS TIME	8262144
(SEE DWG)	5962-8868103	STATIC RAM. 64K X 4. 55 NS ACCESS TIME	8262144
(SEE DWG)	5962-8868104	STATIC RAM. 64K X 4. 70 NS ACCESS TIME	8262144
(SEE DWG)	5962-8969001	STATIC RAM. 2K X 8. 25 NS ACCESS TIME	N
(SEE DWG)	5962-8969002	STATIC RAM. 2K X 8. 20 NS ACCESS TIME	N
(SEE DWG)	5962-8952401	STATIC RAM. 64K X 4. 70 NS ACCESS TIME	N
(SEE DWG)	5962-8952402	STATIC RAM. 64K X 4. 55 NS ACCESS TIME	N
(SEE DWG)	5962-8952403	STATIC RAM. 64K X 4. 45 NS ACCESS TIME	N
(SEE DWG)	5962-8952404	STATIC RAM. 64K X 4. 35 NS ACCESS TIME	N
(SEE DWG)	5962-8952405	STATIC RAM. 64K X 4. 25 NS ACCESS TIME	N
(SEE DWG)	5962-8969201	STATIC RAM. 16K X 4. 25 NS ACCESS TIME	N
(SEE DWG)	5962-8969202	STATIC RAM. 16K X 4. 25 NS ACCESS TIME	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
RAM 6 - Continued			
(SEE DWG)	5962-8969203	STATIC RAM, 16K X 4, 20 NS ACCESS TIME	N
(SEE DWG)	5962-8969204	STATIC RAM, 16K X 4, 20 NS ACCESS TIME	N
(SEE DWG)	5962-8969601	STATIC RAM, 64K X 1, 25 NS ACCESS TIME	N
(SEE DWG)	5962-8969602	STATIC RAM, 64K X 1, 25 NS ACCESS TIME	N
(SEE DWG)	5962-8969603	STATIC RAM, 64K X 1, 20 NS ACCESS TIME	N
(SEE DWG)	5962-8969604	STATIC RAM, 64K X 1, 20 NS ACCESS TIME	N
(SEE DWG)	5962-8969605	STATIC RAM, 64K X 1, 15 NS ACCESS TIME	N
(SEE DWG)	5962-8969606	STATIC RAM, 64K X 1, 15 NS ACCESS TIME	N
(SEE DWG)	5962-8988301	STATIC RAM, 8K X 9	N
(SEE DWG)	5962-8988302	STATIC RAM, 8K X 9	N
(SEE DWG)	5962-8988303	STATIC RAM, 8K X 9	N
(SEE DWG)	5962-8989201	STATIC RAM, 16K X 4, WITH OE, 25 NS ACCESS TIME	N
(SEE DWG)	5962-8989202	STATIC RAM, 16K X 4, WITH OE, 25 NS ACCESS TIME	N
(SEE DWG)	5962-8989203	STATIC RAM, 16K X 4, WITH OE, 20 NS ACCESS TIME	N
(SEE DWG)	5962-8989204	STATIC RAM, 16K X 4, WITH OE, 20 NS ACCESS TIME	N
(SEE DWG)	5962-8989205	STATIC RAM, 16K X 4, WITH OE, 15 NS ACCESS TIME	N
(SEE DWG)	5962-8989206	STATIC RAM, 16K X 4, WITH OE, 15 NS ACCESS TIME	N
(SEE DWG)	5962-8989101	STATIC RAM, 16K X 4, WITH OE AND DUAL CE, 25 NS DATA RETENTION	N
(SEE DWG)	5962-8989102	STATIC RAM, 16K X 4, WITH OE AND DUAL CE, 25 NS ACCESS TIME	N
(SEE DWG)	5962-8989103	STATIC RAM, 16K X 4, WITH OE AND CE, 20 NS ACCESS TIME	N
(SEE DWG)	5962-8989104	STATIC RAM, 16K X 4, WITH OE AND DUAL CE, 20 NS ACCESS TIME	N
(SEE DWG)	5962-8989105	STATIC RAM, 16K X 4, WITH OE AND DUAL CE, 15 NS ACCESS TIME	N
(SEE DWG)	5962-8989106	STATIC RAM, 16K X 4, WITH OE AND DUAL CE, 15 NS ACCESS TIME	N
(SEE DWG)	5962-3829401M	STATIC RAM, 8K X 8	N
(SEE DWG)	5962-3829402M	STATIC RAM, 8K X 8, 120 NS ACCESS TIME	N
(SEE DWG)	5962-3829403M	STATIC RAM, 8K X 8, 120 NS ACCESS TIME	N
(SEE DWG)	5962-3829404M	STATIC RAM, 8K X 8, 100 NS ACCESS TIME	N
(SEE DWG)	5962-3829405M	STATIC RAM, 8K X 8, 100 NS ACCESS TIME	N
(SEE DWG)	5962-3829406M	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	N
(SEE DWG)	5962-3829407M	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	N
(SEE DWG)	5962-3829408M	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	N
(SEE DWG)	5962-3829409M	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	N
(SEE DWG)	5962-3829410M	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	N
(SEE DWG)	5962-3829411M	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	N
(SEE DWG)	5962-3829412M	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	N
(SEE DWG)	5962-3829413M	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	N
(SEE DWG)	5962-3829414M	STATIC RAM, 8K X 8, 25 NS ACCESS TIME	N
(SEE DWG)	5962-3829415M	STATIC RAM, 8K X 8, 25 NS ACCESS TIME	N
(SEE DWG)	5962-3829416M	STATIC RAM, 8K X 8, 20 NS ACCESS TIME	N
(SEE DWG)	5962-3829417M	STATIC RAM, 8K X 8, 20 NS ACCESS TIME	N
(SEE DWG)	5962-3829419M	STATIC RAM, 8K X 8, 15 NS ACCESS TIME	N
(SEE DWG)	5962-3829418M	STATIC RAM, 8K X 8, 15 NS ACCESS TIME	N
(SEE DWG)	5962-3829420M	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	N
(SEE DWG)	5962-3829421M	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	N
(SEE DWG)	5962-3829422M	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	N
(SEE DWG)	5962-3829423M	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	N
(SEE DWG)	5962-3829424M	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	N
(SEE DWG)	5962-3829425M	STATIC RAM, 8K X 8, 45 NS ACCESS TIME	N
(SEE DWG)	5962-3829426M	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	N
(SEE DWG)	5962-3829427M	STATIC RAM, 8K X 8, 35 NS ACCESS TIME	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
RAM 6 - Continued			
(SEE DWG)	5962-3829428M	STATIC RAM, 8K X 8, 25 NS ACCESS TIME	N
(SEE DWG)	5962-3829429M	STATIC RAM, 8K X 8, 25 NS ACCESS TIME	N
(SEE DWG)	5962-3829430M	STATIC RAM, 8K X 8, 20 NS ACCESS TIME	N
(SEE DWG)	5962-3829431M	STATIC RAM, 8K X 8, 100 NS ACCESS TIME	N
(SEE DWG)	5962-3829432M	STATIC RAM, 8K X 8, 70 NS ACCESS TIME	N
(SEE DWG)	5962-3829433M	STATIC RAM, 8K X 8, 55 NS ACCESS TIME	N
(SEE DWG)	5962-8855205	STATIC RAM, 32K X 8, LOW-POWER, 35 NS ACCESS TIME	8262144
(SEE DWG)	5962-8855206	STATIC RAM, 32K X 8, LOW-POWER, 25 NS ACCESS TIME	8262144
(SEE DWG)	5962-8855207	STATIC RAM, 32K X 8, LOW-POWER, 70 NS ACCESS TIME	8262144
(SEE DWG)	5962-8855208	STATIC RAM, 32K X 8, LOW-POWER, 55 NS ACCESS TIME	8262144
(SEE DWG)	5962-8855209	STATIC RAM, 32K X 8, LOW-POWER, 45 NS ACCESS TIME	8262144
(SEE DWG)	5962-8995101	STATIC RAM, NON-VOLATILE, 256 X 4, 300 NS ACCESS TIME	81024
(SEE DWG)	5962-8995102	STATIC RAM, NON-VOLATILE, 256 X 4, 300 NS ACCESS TIME	81024
(SEE DWG)	5962-8995103	STATIC RAM, NON-VOLATILE, 256 X 4, 300 NS ACCESS TIME	81024
(SEE DWG)	8201009	DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 150 NS ACCESS TIME	865536
(SEE DWG)	8201010	DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 200 NS ACCESS TIME	865536
(SEE DWG)	5962-8959801M	STATIC RAM, 128K X 8, LOW-POWER, 120 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959802M	STATIC RAM, 128K X 8, LOW-POWER, 100 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959803M	STATIC RAM, 128K X 8, LOW-POWER, 85 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959804M	STATIC RAM, 128K X 8, LOW-POWER, 70 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959805M	STATIC RAM, 128K X 8, LOW-POWER, 120 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959806M	STATIC RAM, 128K X 8, LOW-POWER, 100 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959807M	STATIC RAM, 128K X 8, LOW-POWER, 85 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959808M	STATIC RAM, 128K X 8, LOW-POWER, 70 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959809M	STATIC RAM, 128K X 8, LOW-POWER, 55 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959810M	STATIC RAM, 128K X 8, LOW-POWER, 45 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959811M	STATIC RAM, 128K X 8, LOW-POWER, 35 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959812M	STATIC RAM, 128K X 8, LOW-POWER, 25 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959813M	STATIC RAM, 128K X 8, LOW-POWER, DUAL CE, 120 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959814M	STATIC RAM, 128K X 8, LOW-POWER, DUAL CE, 100 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959815M	STATIC RAM, 128K X 8, LOW-POWER, DUAL CE, 85 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959816M	STATIC RAM, 128K X 8, LOW-POWER, DUAL CE, 70 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959817M	STATIC RAM, 128K X 8, LOW-POWER, DUAL CE, 55 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959818M	STATIC RAM, 128K X 8, LOW-POWER, DUAL CE, 45 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959819M	STATIC RAM, 128K X 8, LOW-POWER, DUAL CE, 35 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959820M	STATIC RAM, 128K X 8, LOW-POWER, DUAL CE, 25 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959821M	STATIC RAM, 128K X 8, LOW-POWER, DUAL CE, 20 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959822M	STATIC RAM, 128K X 8, STANDARD POWER, 120 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959823M	STATIC RAM, 128K X 8, STANDARD POWER, 100 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959824M	STATIC RAM, 128K X 8, STANDARD POWER, 85 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959825M	STATIC RAM, 128K X 8, STANDARD POWER, 70 NS ACCESS TIME	81048576
(SEE DWG)	5962-8959826M	STATIC RAM, 128K X 8, STANDARD POWER, 55 NS ACCESS TIME	81048576

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
RAM 6 - Continued			
(SEE DWG)	5962-8959827M	STATIC RAM, 128K X 8, STANDARD POWER, 45 NS ACCESS TIME	B1048576
(SEE DWG)	5962-8959828M	STATIC RAM, 128K X 8, STANDARD POWER, 35 NS ACCESS TIME	B1048576
(SEE DWG)	5962-8959829M	STATIC RAM, 128K X 8, STANDARD POWER, 25 NS ACCESS TIME	B1048576
(SEE DWG)	5962-8959830M	STATIC RAM, 128K X 8, STANDARD POWER, DUAL CE, 120 NS ACCESS TIME	B1048576
(SEE DWG)	5962-8959831M	STATIC RAM, 128K X 8, STANDARD POWER, DUAL CE, 100 NS ACCESS TIME	B1048576
(SEE DWG)	5962-8959832M	STATIC RAM, 128K X 8, STANDARD POWER, DUAL CE, 85 NS ACCESS TIME	B1048576
(SEE DWG)	5962-8959833M	STATIC RAM, 128K X 8, STANDARD POWER, DUAL CE, 70 NS ACCESS TIME	B1048576
(SEE DWG)	5962-8959834M	STATIC RAM, 128K X 8, STANDARD POWER, DUAL CE, 55 NS ACCESS TIME	B1048576
(SEE DWG)	5962-8959835M	STATIC RAM, 128K X 8, STANDARD POWER, DUAL CE, 45 NS ACCESS TIME	B1048576
(SEE DWG)	5962-8959836M	STATIC RAM, 128K X 8, STANDARD POWER, DUAL CE, 35 NS ACCESS TIME	B1048576
(SEE DWG)	5962-8959837M	STATIC RAM, 128K X 8, STANDARD POWER, DUAL CE, 25 NS ACCESS TIME	B1048576
(SEE DWG)	5962-8959838M	STATIC RAM, 128K X 8, STANDARD POWER, DUAL CE, 20 NS ACCESS TIME	B1048576
(SEE DWG)	5962-9085801M	STATIC RAM, 64K X 16, LOW-POWER, 100 NS ACCESS TIME	N
(SEE DWG)	5962-9085803M	STATIC RAM, 64K X 16, LOW-POWER, 85 NS ACCESS TIME	N
(SEE DWG)	5962-9085804M	STATIC RAM, 64K X 16, 85 NS ACCESS TIME	N
(SEE DWG)	5962-9085805M	STATIC RAM, 64K X 16, LOW-POWER, 70 NS ACCESS TIME	N
(SEE DWG)	5962-9085806M	STATIC RAM, 62K X 16, 70 NS ACCESS TIME	N
(SEE DWG)	5962-9085807M	STATIC RAM, 64K X 16, LOW-POWER, 55 NS ACCESS TIME	N
(SEE DWG)	5962-9085808M	STATIC RAM, 64K X 16, 55 NS ACCESS TIME	N
(SEE DWG)	5962-8971201	STATIC RAM, 16K X 4, WITH SEPARATE I/O, 45 NS ACCESS TIME	N
(SEE DWG)	5962-8971202	STATIC RAM, 16K X 4, WITH SEPARATE I/O, 35 NS ACCESS TIME	N
(SEE DWG)	5962-8971203	STATIC RAM, 16K X 4, WITH SEPARATE I/O, 25 NS ACCESS TIME	N
(SEE DWG)	5962-8971204	STATIC RAM, 16K X 4, WITH SEPARATE I/O, 20 NS ACCESS TIME	N
(SEE DWG)	5962-8866505	STATIC RAM, 2K X 16, DUAL PORT (MASTER), 55 NS ACCESS TIME	N
(SEE DWG)	5962-8866506	STATIC RAM, 2K X 16, DUAL PORT (SLAVE), 55 NS ACCESS TIME	N
10545	5962-8856001	STATIC RAM, 16 X 4, 15 NS ACCESS TIME	B64
1HC34-15	61503	STATIC RAM, 1K X 4, 67 NS ACCESS TIME	B4096
1HC34-15	61506	STATIC RAM, 1K X 4, 67 NS ACCESS TIME	B4096
1HC34-20	61502	STATIC RAM, 1K X 4, 50 NS ACCESS TIME	B4096
1HC34-20	61505	STATIC RAM, 1K X 4, 50 NS ACCESS TIME	B4096
1HC34-25	61501	STATIC RAM, 1K X 4, 40 NS ACCESS TIME	B4096
1HC34-25	61504	STATIC RAM, 1K X 4, 40 NS ACCESS TIME	B4096
2004	5962-8771202	STATIC RAM, 512 X 8, NONVOLATILE, 300 NS ACCESS TIME	B4096
2004-25	5962-8771201	STATIC RAM, NON-VOLATILE, 512 X 8, 250 NS ACCESS TIME	B4096
2167-40	8200704	STATIC RAM, 16K X 1, 40 NS ACCESS TIME	B16384
2167-55	8200703	STATIC RAM, 16K X 1, 55 NS ACCESS TIME	B16384
2167-70	8200702	STATIC RAM, 16K X 1, 70 NS ACCESS TIME	B16384
2168-45	5962-8608105	STATIC RAM, 4K X 4, 45 NS ACCESS TIME	B16384
2168-55	5962-8608101	STATIC RAM, 4K X 4, 55 NS ACCESS TIME	B16384
2168-70	5962-8608102	STATIC RAM, 4K X 4, 70 NS ACCESS TIME	B16384

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
RAM 6 - Continued			
2169-40	5962-8608106	STATIC RAM, 4K X 4, 40 NS ACCESS TIME	816384
2169-50	5962-8608103	STATIC RAM, 4K X 4, 50 NS ACCESS TIME	816384
2169-70	5962-8608104	STATIC RAM, 4K X 4, 70 NS ACCESS TIME	816384
27LS00	8602001	STATIC RAM, 256 X 1, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME	8256
27LS00A	8602002	STATIC RAM, 256 X 1, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME	8256
27LS01	8602003	STATIC RAM, 256 X 1, WITH OPEN-COLLECTOR OUTPUTS, 55 NS ACCESS TIME	8256
27LS01A	8602004	STATIC RAM, 256 X 1, WITH OPEN-COLLECTOR OUTPUTS, 45 NS ACCESS TIME	8256
27LS02	8605103	STATIC RAM, 16 X 4, LOW-POWER, WITH OPEN COLLECTOR OUTPUTS, 65 NS ACCESS TIME	864
27S02	8605101	STATIC RAM, 16 X 4, WITH OPEN COLLECTOR OUTPUTS, 50 NS ACCESS TIME	864
27S02A	8605102	STATIC RAM, 16 X 4, WITH OPEN COLLECTOR OUTPUTS, 30 NS ACCESS TIME	864
27S02-20	8605107	STATIC RAM, 16 X 4, WITH OPEN COLLECTOR OUTPUTS, 20 NS ACCESS TIME	864
27LS03	8605106	STATIC RAM, 16 X 4, LOW-POWER, WITH THREE-STATE OUTPUTS, 65 NS ACCESS TIME	864
27S03	8605104	STATIC RAM, 16 X 4, WITH THREE-STATE OUTPUTS, 50 NS ACCESS TIME	864
27S03A	8605105	STATIC RAM, 16 X 4, WITH THREE-STATE OUTPUTS, 30 NS ACCESS TIME	864
27S03-20	8605108	STATIC RAM, 16 X 4, WITH THREE-STATE OUTPUTS, 20 NS ACCESS TIME	864
27LS03-30	8605109	STATIC RAM, 16 X 4, LOW-POWER, WITH THREE-STATE OUTPUTS, 30 NS ACCESS TIME	864
27LS07	7801504	STATIC RAM, 16 X 4, LOW-POWER NONINVERTING, THREE-STATE	864
27S07	7801503	STATIC RAM, 16 X 4, NONINVERTING, THREE-STATE	864
27S07A	7801501	STATIC RAM, 16 X 4, NONINVERTING, THREE-STATE	864
27S07-20	7801505	STATIC RAM, 16 X 4, NONINVERTING, THREE-STATE	864
27LS07-30	7801506	STATIC RAM, 16 X 4, LOW-POWER NONINVERTING, THREE-STATE	864
29705A	8602501	STATIC RAM, 16 X 4, 2-PORT	864
MT4067-10	5962-8767604	DYNAMIC RAM, 64K X 4, 100 NS ACCESS TIME	8262144
MT4067-12	5962-8767601	DYNAMIC RAM, 64K X 4, 120 NS ACCESS TIME	8262144
MT4067-15	5962-8767602	DYNAMIC RAM, 64K X 4, 150 NS ACCESS TIME	8262144
MT4067-20	5962-8767603	DYNAMIC RAM, 64K X 4, 200 NS ACCESS TIME	8262144
4167	8200701	STATIC RAM, 16K X 1, 100 NS ACCESS TIME	816384
SMJ4461	5962-8956001	RAM, 64K X 4, MULTIPOINT VIDEO	N
CMM5104	24505	STATIC RAM, 4K X 1	84096
CMM5114	24506	STATIC RAM, 1K X 4	84096
51C67	29106	STATIC RAM, 16K X 1, 45 NS ACCESS TIME	816384
51C98-35	61301	STATIC RAM, 16K X 4	865536
51C98-45	61302	STATIC RAM, 16K X 4	865536
51C98-55	61303	STATIC RAM, 16K X 4	865536
54S189	7801502	STATIC RAM, 16 X 4, INVERTING, THREE-STATE	864
6116	29105	STATIC RAM, 2K X 8, 200 NS ACCESS TIME	816384
6116	29101	STATIC RAM, 2K X 8, 150 NS ACCESS TIME	816384
6516-1	61001	STATIC RAM, 8K X 8, SELECTABLE MODE, 35 NS ACCESS TIME	816384
6516-2	61002	STATIC RAM, 8K X 8, SELECTABLE MODE, 45 NS ACCESS TIME	816384
65162	29101	STATIC RAM, 2K X 8, 150 NS ACCESS TIME	816384
6516-3	61003	STATIC RAM, 8K X 8, SELECTABLE MODE, 55 NS ACCESS TIME	816384
65C262RH	29107	STATIC RAM, RAD-HARD, 16K X 1, WITH THREE-STATE OUTPUTS	816384

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
RAM 6 - Continued			
65T262RH	29108	STATIC RAM, RAD-HARD, 16K X 1, WITH THREE-STATE OUTPUTS	816384
65643	29206	STATIC RAM, 8K X 8, SELECTABLE MODE	865536
7132LA-45	5962-8700205	STATIC RAM, 2K X 8, DUAL PORT (MASTER), 45 NS ACCESS TIME	816384
7132SA-45	5962-8700201	STATIC RAM, 2K X 8, DUAL PORT (MASTER), 45 NS ACCESS TIME	816384
7132LA-55	5962-8700208	STATIC RAM, 2K X 8, DUAL PORT (MASTER), 55 NS ACCESS TIME	816384
7132SA-55	5962-8700204	STATIC RAM, 2K X 8, DUAL PORT (MASTER), 55 NS ACCESS TIME	816384
7132LA-70	5962-8700207	STATIC RAM, 2K X 8, DUAL PORT (MASTER), 70 NS ACCESS TIME	816384
7132SA-70	5962-8700203	STATIC RAM, 2K X 8, DUAL PORT (MASTER), 70 NS ACCESS TIME	816384
7132LA-90	5962-8700206	STATIC RAM, 2K X 8, DUAL PORT (MASTER), 90 NS ACCESS TIME	816384
7132SA-90	5962-8700202	STATIC RAM, 2K X 8, DUAL PORT (MASTER), 90 NS ACCESS TIME	816384
7142LA-45	5962-8700213	STATIC RAM, 2K X 8, DUAL PORT (SLAVE), 45 NS ACCESS TIME	816384
7142SA-45	5962-8700209	STATIC RAM, 2K X 8, DUAL PORT (SLAVE), 45 NS ACCESS TIME	816384
7142LA-55	5962-8700216	STATIC RAM, 2K X 8, DUAL PORT (SLAVE), 55 NS ACCESS TIME	816384
7142SA-55	5962-8700212	STATIC RAM, 2K X 8, DUAL PORT (SLAVE), 55 NS ACCESS TIME	816384
7142LA-70	5962-8700215	STATIC RAM, 2K X 8, DUAL PORT (SLAVE), 70 NS ACCESS TIME	816384
7142SA-70	5962-8700211	STATIC RAM, 2K X 8, DUAL PORT (SLAVE), 70 NS ACCESS TIME	816384
7142LA-90	5962-8700214	STATIC RAM, 2K X 8, DUAL PORT (SLAVE), 90 NS ACCESS TIME	816384
7142SA-90	5962-8700210	STATIC RAM, 2K X 8, DUAL PORT (SLAVE), 90 NS ACCESS TIME	816384
7187S45	29202	STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME	865536
7187L55	29203	STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME	865536
7187S55	29201	STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME	865536
7187L70	29204	STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 70 NS ACCESS TIME	865536
7C190	5962-8969401	STATIC RAM, 16 X 4, 25 NS ACCESS TIME	N
7C196	29305	STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 45 NS ACCESS TIME	8262144
7C196	29306	STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 35 NS ACCESS TIME	8262144
7C196	29316	STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 25 NS ACCESS TIME	8262144
8155	5962-8759301	STATIC RAM, 256 X 8, WITH I/O PORTS AND TIMER	82048
8156	5962-8759302	STATIC RAM, 256 X 8, WITH I/O PORTS AND TIME	82048
8X350	5962-8605201	STATIC RAM, 256 X 8	82048
9150-25	5962-8759201	STATIC RAM, 1K X 4, 25 NS ACCESS TIME	84048
9150-35	5962-8759202	STATIC RAM, 1K X 4, 35 NS ACCESS TIME	84048
9150-45	5962-8759203	STATIC RAM, 1K X 4, 45 NS ACCESS TIME	84048

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
RAM 6 - Continued			
99C641-45	29202	STATIC RAM. 64K X 1. WITH THREE-STATE OUTPUTS. 45 NS ACCESS TIME	865536
99C641-55	29201	STATIC RAM. 64K X 1. WITH THREE-STATE OUTPUTS. 55 NS ACCESS TIME	865536
99CL641-55	29203	STATIC RAM. 64K X 1. WITH THREE-STATE OUTPUTS. 55 NS ACCESS TIME	865536
99CL641-70	29204	STATIC RAM. 64K X 1. WITH THREE-STATE OUTPUTS. 70 NS ACCESS TIME	865536
ROM/PROM/PAL 7			
(SEE DWG)	8001201	PROM. UV ERASABLE. 4K X 8. 450 NS ACCESS TIME	832768
(SEE DWG)	8001203	PROM. UV ERASABLE. 4K X 8. 250 NS ACCESS TIME	832768
(SEE DWG)	8001204	PROM. UV ERASABLE. 4K X 8. 450 NS ACCESS TIME	832768
(SEE DWG)	8200901	PROM. 8K X 8. TS. 100 NS ACCESS TIME	865536
(SEE DWG)	8202503	PROM. UV ERASABLE. 16K X 8. 200 NS ACCESS TIME	8131072
(SEE DWG)	8202504	PROM. UV ERASABLE. 16K X 8. 300 NS ACCESS TIME	8131072
(SEE DWG)	8202505	PROM. UV ERASABLE. 16K X 8. 250 NS ACCESS TIME	8131072
(SEE DWG)	8202506	PROM. UV ERASABLE. 16K X 8. TS. 150 NS ACCESS TIME	8131072
(SEE DWG)	8202507	PROM. UV ERASABLE. 16K X 8. 100 NS ACCESS TIME	8131072
(SEE DWG)	5962-8606301	PROM. UV ERASABLE. 32K X 8. 200 NS ACCESS TIME	8262144
(SEE DWG)	5962-8606302	PROM. UV ERASABLE. 32K X 8. 250 NS ACCESS TIME	8262144
(SEE DWG)	5962-8606303	PROM. UV ERASABLE. 32K X 8. 300 NS ACCESS TIME	8262144
(SEE DWG)	5962-8683006	PROM. ELECTR. ERASABLE. 8K X 8. 250 NS ACCESS TIME	865536
(SEE DWG)	5962-8683007	PROM. ELECTR. ERASABLE. 8K X 8. 350 NS ACCESS TIME	865536
(SEE DWG)	5962-8765002	PROM. UV ERASABLE. 2K X 8. 55 NS ACCESS TIME	816384
(SEE DWG)	7802201	PROM. UV ERASABLE. 2K X 8. 450 NS ACCESS TIME	816384
(SEE DWG)	5962-8764901	PROM. ELECTR. ERASABLE. 32K X 8. 350 NS ACCESS TIME	8262144
(SEE DWG)	5962-8764902	PROM. ELECTR. ERASABLE. 32K X 8. 300 NS ACCESS TIME	8262144
(SEE DWG)	5962-8774401	PROM. UV ERASABLE. 64K X 16. 200 NS ACCESS TIME	81048576
(SEE DWG)	5962-8774402	PROM. UV ERASABLE. 64K X 16. 250 NS ACCESS TIME	81048576
(SEE DWG)	8202509	PROM. UV ERASABLE. 16K X 8. 300 NS ACCESS TIME	8131072
(SEE DWG)	8001208	PROM. UV ERASABLE. 4K X 8. 200 NS ACCESS TIME	832768
(SEE DWG)	8001209	PROM. UV ERASABLE. 4K X 8. 250 NS ACCESS TIME	832768
(SEE DWG)	8001210	PROM. UV ERASABLE. 4K X 8. 300 NS ACCESS TIME	832768
(SEE DWG)	8001211	PROM. UV ERASABLE. 4K X 8. 450 NS ACCESS TIME	832768
(SEE DWG)	8200903	PROM. 8K X 8. TS. 45 NS ACCESS TIME	865536
(SEE DWG)	7802205	PROM. UV ERASABLE. 2K X 8. 150 NS ACCESS TIME	816384
(SEE DWG)	7802206	PROM. UV ERASABLE. 2K X 8. 200 NS ACCESS TIME	816384
(SEE DWG)	7802207	PROM. UV ERASABLE. 2K X 8. 250 NS ACCESS TIME	816384
(SEE DWG)	7802208	PROM. UV ERASABLE. 2K X 8. 300 NS ACCESS TIME	816384
(SEE DWG)	7802209	PROM. UV ERASABLE. 2K X 8. 450 NS ACCESS TIME	816384
(SEE DWG)	5962-8766107	PROM. UV ERASABLE. 16K X 8. 300 NS ACCESS TIME	8131072
(SEE DWG)	5962-8766101	PROM. UV ERASABLE. 16K X 8. 90 NS ACCESS TIME	8131072
(SEE DWG)	5962-8766102	PROM. UV ERASABLE. 16K X 8. 120 NS ACCESS TIME	8131072
(SEE DWG)	5962-8766103	PROM. UV ERASABLE. 16K X 8. 150 NS ACCESS TIME	8131072
(SEE DWG)	5962-8766104	PROM. UV ERASABLE. 16K X 8. 170 NS ACCESS TIME	8131072
(SEE DWG)	5962-8766105	PROM. UV ERASABLE. 16K X 8. 200 NS ACCESS TIME	8131072
(SEE DWG)	5962-8766106	PROM. UV ERASABLE. 16K X 8. 250 NS ACCESS TIME	8131072
(SEE DWG)	5962-8765001	PROM. UV ERASABLE. 2K X 8. 50 NS ACCESS TIME	816384
(SEE DWG)	7801602	PROM. 512 X 8. THREE-STATE. 45 NS ACCESS TIME	84096
(SEE DWG)	7902402	PROM. 1K X 8. POWER SWITCHED. 75 NS ACCESS TIME	88192
(SEE DWG)	5962-8764903	PROM. ELECTR. ERASABLE. 32K X 8. 250 NS ACCESS TIME	8262144
(SEE DWG)	5962-8606304	PROM. UV ERASABLE. 32K X 8. 170 NS ACCESS TIME	8262144
(SEE DWG)	5962-8606305	PROM. UV ERASABLE. 32K X 8. 150 NS ACCESS TIME	8262144

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
ROM/PROM/PAL 7 - Continued			
(SEE DWG)	5962-8606306	PROM, UV ERASABLE, 32K X 8, 120 NS ACCESS TIME	8262144
(SEE DWG)	5962-8606307	PROM, UV ERASABLE, 32K X 8, 90 NS ACCESS TIME	8262144
(SEE DWG)	5962-8753001	PROG. ARRAY LOGIC, 20-INPUT 10-OUTPUT AND-OR, WITH PRODUCT TERM SHARING	G131
(SEE DWG)	5962-8753002	PROG. ARRAY LOGIC, 20-INPUT 10-OUTPUT REGISTERED AND-OR, W/ PRODUCT TERM SHARING	G172
(SEE DWG)	5962-8753003	PROG. ARRAY LOGIC, 20-INPUT 8-OUTPUT REGISTERED AND-OR, W/PRODUCT TERM SHARING	G164
(SEE DWG)	5962-8753004	PROG. ARRAY LOGIC, 20-INPUT 4-OUTPUT REGISTERED AND-OR, W/PRODUCT TERM SHARING	G148
(SEE DWG)	5962-8751501	PROM, UV ERASABLE, 8K X 8, 45 NS ACCESS TIME	865536
(SEE DWG)	5962-8751502	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	865536
(SEE DWG)	5962-8751503	PROM, UV ERASABLE, 8K X 8, 70 NS ACCESS TIME	865536
(SEE DWG)	5962-8751504	PROM, UV ERASABLE, 8K X 8, 90 NS ACCESS TIME	865536
(SEE DWG)	5962-8751505	PROM, UV ERASABLE, 8K X 8, 45 NS ACCESS TIME	865536
(SEE DWG)	5962-8751506	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	865536
(SEE DWG)	5962-8765101	PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME	88192
(SEE DWG)	5962-8851801	PROM, 512 X 8 REGISTERED, 30 NS ACCESS TIME	84096
(SEE DWG)	5962-8851802	PROM, 512 X 8, REGISTERED, 35 NS ACCESS TIME	84096
(SEE DWG)	5962-8851803	PROM, 512 X 8, REGISTERED, 40 NS ACCESS TIME	84096
(SEE DWG)	5962-8852505	PROM, ELECTR. ERASABLE, 32K X 8, 250 NS ACCESS TIME	8262144
(SEE DWG)	5962-8852506	PROM, ELECTR. ERASABLE, 32K X 8, 150 NS ACCESS TIME	8262144
(SEE DWG)	5962-8852507	PROM, ELECTR. ERASABLE, 32K X 8, 150 NS ACCESS TIME	8262144
(SEE DWG)	5962-8686401	LOGIC DEVICE, ERASABLE PROGRAMMABLE, 600-GATE	G600
(SEE DWG)	5962-8752901	PROM, REGISTERED UV ERASABLE, 2K X 8, 45 NS SETUP TIME	816384
(SEE DWG)	5962-8752902	PROM, REGISTERED UV ERASABLE, 2K X 8, 35 NS SETUP TIME	816384
(SEE DWG)	5962-8765003	PROM, UV ERASABLE, 2K X 8, 35 NS ACCESS TIME	816384
(SEE DWG)	5962-8765004	PROM, UV ERASABLE, 2K X 8, 45 NS ACCESS TIME	816384
(SEE DWG)	5962-8751405	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536
(SEE DWG)	5962-8751406	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	865536
(SEE DWG)	5962-8751407	PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME	865536
(SEE DWG)	5962-8751408	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536
(SEE DWG)	5962-8751409	PROM, ELECTR. ERASABLE, 8K X 8, 200 NS ACCESS TIME	865536
(SEE DWG)	5962-8751410	PROM, ELECTR. ERASABLE, 8K X 8, 120 NS ACCESS TIME	865536
(SEE DWG)	5962-8751411	PROM, ELECTR. ERASABLE, 8K X 8, 90 NS ACCESS TIME	865536
(SEE DWG)	5962-8751412	PROM, ELECTR. ERASABLE, 8K X 8, 70 NS ACCESS TIME	865536
(SEE DWG)	5962-8751413	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	865536
(SEE DWG)	5962-8751414	PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME	865536
(SEE DWG)	5962-8751415	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536
(SEE DWG)	5962-8751416	PROM, ELECTR. ERASABLE, 8K X 8, 200 NS ACCESS TIME	865536
(SEE DWG)	5962-8751417	PROM, ELECTR. ERASABLE, 8K X 8, 150 NS ACCESS TIME	865536
(SEE DWG)	5962-8751418	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	865536
(SEE DWG)	5962-8751419	PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME	865536
(SEE DWG)	5962-8751420	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536
(SEE DWG)	5962-8751421	PROM, ELECTR. ERASABLE, 8K X 8, 200 NS ACCESS TIME	865536
(SEE DWG)	5962-8751422	PROM, ELECTR. ERASABLE, 8K X 8, 150 NS ACCESS TIME	865536
(SEE DWG)	5962-8751424	PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME	865536
(SEE DWG)	5962-8751426	PROM, ELECTR. ERASABLE, 8K X 8, 200 NS ACCESS TIME	865536
(SEE DWG)	5962-8751427	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536
(SEE DWG)	5962-8851501	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT COMBINATORIAL AND-OR-INVERT	N
(SEE DWG)	5962-8851502	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT 8-REGISTER AND-OR-INVERT	N
(SEE DWG)	5962-8851503	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT 6-REGISTER AND-OR-INVERT	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
ROM/PROM/PAL 7 - Continued			
(SEE DWG)	5962-8851504	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT 4-REGISTER AND-OR-INVERT	N
(SEE DWG)	8200804	PROM, 4K X 8, TS, 70 NS ACCESS TIME	B32768
(SEE DWG)	5962-8873501	PROM, UV ERASABLE, 2K X 8 REGISTERED, 45 NS ACCESS TIME	B16384
(SEE DWG)	5962-8873502	PROM, UV ERASABLE, 2K X 8 REGISTERED, 35 NS ACCESS TIME	B16384
(SEE DWG)	5962-8873503	PROM, UV ERASABLE, 2K X 8, REGISTERED, 35 NS ACCESS TIME	B16384
(SEE DWG)	5962-8873504	PROM, UV ERASABLE, 2K X 8, REGISTERED, 25 NS ACCESS TIME	B16384
(SEE DWG)	5962-8867601	PROM, ELECTR. ERASABLE, 2K X 8, 90 NS ACCESS TIME	B16384
(SEE DWG)	5962-8867602	PROM, ELECTR. ERASABLE, 2K X 8, 70 NS ACCESS TIME	B16384
(SEE DWG)	5962-8867603	PROM, ELECTR. ERASABLE, 2K X 8, 55 NS ACCESS TIME	B16384
(SEE DWG)	5962-8863401	PROM, ELECTR. ERASABLE, 32K X 8, 120 NS ACCESS TIME	B262144
(SEE DWG)	5962-8863402	PROM, ELECTR. ERASABLE, 32K X 8, 120 NS ACCESS TIME	B262144
(SEE DWG)	5962-8863403	PROM, ELECTR. ERASABLE, 32K X 8, 90 NS ACCESS TIME	B262144
(SEE DWG)	5962-8863404	PROM, ELECTR. ERASABLE, 32K X 8, 90 NS ACCESS TIME	B262144
(SEE DWG)	5962-8954001	PROM, 2K X 8, 140 NS ACCESS TIME	B16384
(SEE DWG)	5962-8954002	PROM, 2K X 8, 105 NS ACCESS TIME	B16384
(SEE DWG)	5962-8953801	PROM, UV ERASABLE, 16K X 8, 65 NS ACCESS TIME	B131072
(SEE DWG)	5962-8953802	PROM, UV ERASABLE, 16K X 8, 55 NS ACCESS TIME	B131072
(SEE DWG)	5962-8953701	PROM, UV ERASABLE, 16K X 8, 65 NS ACCESS TIME	B131072
(SEE DWG)	5962-8953702	PROM, UV ERASABLE, 16K X 8, 55 NS ACCESS TIME	B131072
(SEE DWG)	5962-8869001	PROM, 512 X 8, 220 NS ACCESS TIME	B4096
(SEE DWG)	5962-8869002	PROM, 512 X 8, 140 NS ACCESS TIME	B4096
(SEE DWG)	5962-8606308	PROM, UV ERASABLE, 32K X 8, 70 NS ACCESS TIME	B262144
(SEE DWG)	5962-8954601	PROGRAMMABLE SYNCHRONOUS STATE MACHINE, 28 MHZ	N
(SEE DWG)	5962-8954602	PROGRAMMABLE SYNCHRONOUS STATE MACHING, 40 MHZ	N
(SEE DWG)	5962-8954603	PROGRAMMABLE SYNCHRONOUS STATE MACHINE, 50 MHZ	N
(SEE DWG)	5962-8873401	PROM, 2K X 8, 55 NS ACCESS TIME	B16384
(SEE DWG)	5962-8873402	PROM, 2K X 8, 45 NS ACCESS TIME	B16384
(SEE DWG)	5962-8873403	PROM, 2K X 8, 35 NS ACCESS TIME	B16384
(SEE DWG)	5962-8873404	PROM, 2K X 8, 25 NS ACCESS TIME	B16384
(SEE DWG)	5962-8854801	PROGRAMMABLE LOGIC DEVICE, ERASABLE, 900-GATE	N
(SEE DWG)	5962-8680501	PROM, UV ERASABLE, 64K X 16, 300 NS ACCESS TIME	N
(SEE DWG)	5962-8680502	PROM, UV ERASABLE, 64K X 16, 250 NS ACCESS TIME	N
(SEE DWG)	5962-8680503	PROM, UV ERASABLE, 64K X 16, 200 NS ACCESS TIME	N
(SEE DWG)	5962-8680504	PROM, UV ERASABLE, 64K X 16, 170 NS ACCESS TIME	N
(SEE DWG)	5962-8863501	PROG. ARRAY LOGIC, UV ERASABLE, 300 GATE	N
(SEE DWG)	5962-8854901	LOGIC DEVICE, ERASABLE PROGRAMMABLE, 1800-GATE, 90 NS ACCESS TIME	N
(SEE DWG)	5962-8854902	PROG. LOGIC DEVICE, UV ERASABLE, 75 NS ACCESS TIME	N
(SEE DWG)	5962-8961401M	PROM, UV ERASABLE, 128K X 8, 300 NS ACCESS TIME	N
(SEE DWG)	5962-8961402M	PROM, UV ERASABLE, 128K X 8, 250 NS ACCESS TIME	N
(SEE DWG)	5962-8961403M	PROM, UV ERASABLE, 128K X 8, 200 NS ACCESS TIME	N
(SEE DWG)	5962-8961404M	PROM, UV ERASABLE, 128K X 8, 170 NS ACCESS TIME	N
(SEE DWG)	5962-8961405M	PROM, UV ERASABLE, 128K X 8, 150 NS ACCESS TIME	N
(SEE DWG)	5962-8961406M	PROM, UV ERASABLE, 128K X 8, 120 NS ACCESS TIME	N
(SEE DWG)	5962-8766108	PROM, UV ERASABLE, 16K X 8, 70 NS ACCESS TIME	B131072
(SEE DWG)	8200803	PROM, 4K X 8, TS, 40 NS ACCESS TIME	B32768
(SEE DWG)	5962-9075401M	PROGRAMMABLE LOGIC DEVICE, UV ERASABLE, ASYNCHRONOUS REGISTERED, 40 NS ACCESS	N
(SEE DWG)	5962-9075402M	PROGRAMMABLE LOGIC DEVICE, UV ERASABLE, ASYNCHRONOUS REGISTERED, 30 NS ACCESS	N
(SEE DWG)	5962-9075403M	PROGRAMMABLE LOGIC DEVICE, UV ERASABLE, ASYNCHRONOUS REGISTERED, 25 NS ACCESS	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
ROM/PROM/PAL 7 - Continued			
(SEE DWG)	5962-8966701	PROM, ELECT. ERASABLE, 2K X 8	N
(SEE DWG)	5962-8959001	PROM, ELECT. ERASABLE, 512 X 8	N
(SEE DWG)	8001207	PROM, UV ERASABLE, 4K X 8, 150 NS ACCESS TIME	B32768
(SEE DWG)	5962-8961407M	PROM, UV ERASABLE, 128K X 8, 90 NS ACCESS TIME	N
(SEE DWG)	5962-8961408M	PROM, UV ERASABLE, 128K X 8, 70 NS ACCESS TIME	
(SEE DWG)	5962-8961409M	PROM, UV ERASABLE, 128K X 8, 55 NS ACCESS TIME	N
(SEE DWG)	5962-8981701	PROM, UV ERASABLE, 32K X 8, 55 NS ACCESS TIME	N
(SEE DWG)	5962-8981702	PROM, UV ERASABLE, 32K X 8, 45 NS ACCESS TIME	N
(SEE DWG)	5962-8680505	PROM, UV ERASABLE, 64K X 16, 150 NS ACCESS TIME	N
(SEE DWG)	5962-8680506	PROM, UV ERASABLE, 64K X 16, 120 NS ACCESS TIME	N
(SEE DWG)	5962-8680507	PROM, UV ERASABLE, 64K X 16, 90 NS ACCESS TIME	N
(SEE DWG)	5962-8680508	PROM, UV ERASABLE, 64K X 16, 70 NS ACCESS TIME	N
(SEE SPEC)	26501	PROM, ELECT. ERASABLE, 64K X 8, 300 NS ACCESS TIME	B524288
(SEE SPEC)	26502	PROM, ELECT. ERASABLE, 64K X 8, 300 NS ACCESS TIME	B524288
(SEE SPEC)	26503	PROM, ELECT. ERASABLE, 64K X 8, 250 NS ACCESS TIME	B524288
(SEE SPEC)	26504	PROM, ELECT. ERASABLE, 64K X 8, 250 NS ACCESS TIME	B524288
(SEE SPEC)	26505	PROM, ELECT. ERASABLE, 64K X 8, 200 NS ACCESS TIME	B524288
(SEE SPEC)	26506	PROM, ELECT. ERASABLE, 64K X 8, 200 NS ACCESS TIME	B524288
(SEE SPEC)	26507	PROM, ELECT. ERASABLE, 64K X 8, 150 NS ACCESS TIME	B524288
(SEE SPEC)	26508	PROM, ELECT. ERASABLE, 64K X 8, 150 NS ACCESS TIME	B524288
(SEE SPEC)	26509	PROM, ELECT. ERASABLE, 64K X 8, 120 NS ACCESS TIME	B524288
(SEE SPEC)	26510	PROM, ELECT. ERASABLE, 64K X 8, 120 NS ACCESS TIME	B524288
PAL10H8	8103501	PROG. ARRAY LOGIC, 10-INPUT 8-OUTPUT AND-OR	G34
PAL10H8A	8103510	PROG. ARRAY LOGIC, 16-INPUT 2-OUTPUT AND-OR	G34
PAL10L8	8103506	PROG. ARRAY LOGIC, 10-INPUT 8-OUTPUT AND-OR-INVERT	G34
PAL10L8A	8103514	PROG. ARRAY LOGIC, 10-INPUT 8-OUTPUT AND-OR-INVERT	G34
PAL12L10	5962-8680402	PROG. ARRAY LOGIC, 12-INPUT 10-OUTPUT AND-OR-INVERT	G247
PAL12H6	8103502	PROG. ARRAY LOGIC, 12-INPUT 6-OUTPUT AND-OR	G36
PAL12H6A	8103511	PROG. ARRAY LOGIC, 12-INPUT 6-OUTPUT AND-OR	G36
PAL12L6	8103507	PROG. ARRAY LOGIC, 12-INPUT 6-OUTPUT AND-OR-INVERT	G34
PAL12L6A	8103515	PROG. ARRAY LOGIC, 12-INPUT 6-OUTPUT AND-OR-INVERT	G34
PAL14H4	8103503	PROG. ARRAY LOGIC, 14-INPUT 4-OUTPUT AND-OR	G34
PAL14H4A	8103512	PROG. ARRAY LOGIC, 14-INPUT 4-OUTPUT AND-OR	G34
PAL14L4	8103508	PROG. ARRAY LOGIC, 14-INPUT 4-OUTPUT AND-OR-INVERT	G34
PAL14L4A	8103516	PROG. ARRAY LOGIC, 14-INPUT 4-OUTPUT AND-OR-INVERT	G34
PAL14L8	5962-8680403	PROG. ARRAY LOGIC, 14-INPUT 8-OUTPUT AND-OR-INVERT	G247
PAL16C1	8103505	PROG. ARRAY LOGIC, 16-INPUT 2-OUTPUT AND-OR/AND-OR-INVERT	G35
PLS161	5962-8850401	PROG. ARRAY LOGIC, 12 X 48 X 8	N
PAL16H2	8103504	PROG. ARRAY LOGIC, 16-INPUT 2-OUTPUT AND-OR	G34
PAL16H2A	8103513	PROG. ARRAY LOGIC, 16-INPUT 2-OUTPUT AND-OR	G34
PAL16L2	8103509	PROG. ARRAY LOGIC, AND-OR-INVERT	G34
PAL16L2A	8103517	PROG. ARRAY LOGIC, 16-INPUT 2 OUTPUT AND-OR-INVERT	G34
PAL16R4-10	5962-8515520	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR	N
PAL16R4-12	5962-8515516	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR	N
PAL16R4-15	50612	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR	N
PAL16R4-15	5962-8515512	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR	N
C16R4-20	5962-8867812	PROG. ARRAY LOGIC, UV ERASABLE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	N
C16R4-20	5962-8871312	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR	N
C16R4-30	5962-8867808	PROG. ARRAY LOGIC, UV ERASABLE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	N
C16R4-30	5962-8871308	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR	N
PAL16R4A-4	8506504	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR	N
C16R4-40	5962-8867804	PROG. ARRAY LOGIC, UV ERASABLE, 16-INPUT 4-OUTPUT REGISTERED AND-OR	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate. bit. transistor count 1/
ROM/PROM/PAL 7 - Continued			
C16R4-40	5962-8871304	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR	N
PAL16L6	5962-8680404	PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT AND-OR-INVERT	G247
PAL16R6	8103603	PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT REGISTERED AND-OR	N
PAL16R6-10	5962-8515519	PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT REGISTERED AND-OR	N
PAL16R6-12	5962-8515515	PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT REGISTERED AND-OR	N
PAL16R6-15	50611	PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT REGISTERED AND-OR	N
PAL16R6-15	5962-8515511	PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT REGISTERED AND-OR	N
C16R6-20	5962-8867811	PROG. ARRAY LOGIC, UV ERASABLE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	N
C16R6-20	5962-8871311	PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT REGISTERED AND-OR	N
C16R6-30	5962-8867807	PROG. ARRAY LOGIC, UV ERASABLE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	N
C16R6-30	5962-8871307	PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT REGISTERED AND-OR	N
PAL16R6A-4	8506503	PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT REGISTERED AND-OR	N
C16R6-40	5962-8867803	PROG. ARRAY LOGIC, UV ERASABLE, 16-INPUT 6-OUTPUT REGISTERED AND-OR	N
C16R6-40	5962-8871303	PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT REGISTERED AND-OR	N
16V8A	5962-8983901	PROG. ARRAY LOGIC, ELECTR. ERASABLE, 16-INPUT 8-OUTPUT AND-OR, 30 NS ACCESS TIME	N
16V8A	5962-8983902	PROG. ARRAY LOGIC, ELECTR. ERASABLE, 16-INPUT 8-OUTPUT AND-OR, 20 NS ACCESS TIME	N
16V8A	5962-8983903	PROG. ARRAY LOGIC, ELECTR. ERASABLE, 16-INPUT 8-OUTPUT AND-OR, 15 NS ACCESS TIME	N
PAL16L8	8103601	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT	G98
PAL16R8	8103602	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT REGISTERED AND-OR	N
PAL16L8-10	5962-8515517	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT	N
PAL16R8-10	5962-8515518	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT REGISTERED AND-OR	N
PAL16L8A-12	5962-8515513	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT	N
PAL16R8-12	5962-8515514	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT REGISTERED AND-OR	N
PAL16R8A-12	5962-8515514	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT REGISTERED AND-OR	N
PAL16L8-15	50609	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT	G96
PAL16L8-15	5962-8515509	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT	G96
PAL16R8-15	50610	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT REGISTERED AND-OR	N
PAL16R8-15	5962-8515510	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT REGISTERED AND-OR	N
C16L8-20	5962-8867809	PROG. ARRAY LOGIC, UV ERASABLE, 16-INPUT 8-OUTPUT AND-OR INVERTED	N
C16L8-20	5962-8871309	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT	N
C16R8-20	5962-8867810	PROG. ARRAY LOGIC, UV ERASABLE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	N
C16R8-20	5962-8871310	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT REGISTERED AND-OR	N
C16L8-30	5962-8867805	PROG. ARRAY LOGIC, UV ERASABLE, 16-INPUT 8-OUTPUT AND-OR INVERTED	N
C16L8-30	5962-8871305	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT	N
C16R8-30	5962-8867806	PROG. ARRAY LOGIC, UV ERASABLE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	N
C16R8-30	5962-8871306	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT REGISTERED AND-OR	N
PAL16L8A-4	8506501	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT	G96
PAL16R8A-4	8506502	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT REGISTERED AND-OR	N
C16L8-40	5962-8867801	PROG. ARRAY LOGIC, UV ERASABLE, 16-INPUT 8-OUTPUT AND-OR INVERTED	N
C16L8-40	5962-8871301	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT	N
C16R8-40	5962-8867802	PROG. ARRAY LOGIC, UV ERASABLE, 16-INPUT 8-OUTPUT REGISTERED AND-OR	N
C16R8-40	5962-8871302	PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT REGISTERED AND-OR	N
PLS173	5962-8850402	PROG. ARRAY LOGIC, 22 X 42 X 10	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
ROM/PROM/PAL 7 - Continued			
PLS179	5962-8850701	LOGIC SEQUENCER, FIELD PROGRAMMABLE (20 X 45 X 12)	G182
PAL18L4	5962-8680401	PROG. ARRAY LOGIC, 18-INPUT 4-OUTPUT AND-OR	G247
PAL18P8A	5962-8752801	PROG. ARRAY LOGIC, 18-INPUT 8-OUTPUT AND-OR	G106
PAL18P8AL	5962-8752803	PROG. ARRAY LOGIC, 18-INPUT 8-OUTPUT AND-OR	G106
PAL18P8B	5962-8752802	PROG. ARRAY LOGIC, 18-INPUT 8-OUTPUT AND-OR	G106
PAL18P8L	5962-8752804	PROG. ARRAY LOGIC, 18-INPUT 8-OUTPUT AND-OR	G106
PAL18P8Q	5962-8752805	PROG. ARRAY LOGIC, 18-INPUT 8-OUTPUT AND-OR	G106
PAL20C1	5962-8680406	PROG. ARRAY LOGIC, 20-INPUT 2-OUTPUT AND-OR-INVERT	G247
PAL20L10A	8412905	PROG. ARRAY LOGIC, 20-INPUT 10-OUTPUT AND-OR-INVERT	G80
PAL20RA10	5962-8680301	PROG. ARRAY LOGIC, 20-INPUT 10-OUTPUT REGISTERED AND-OR	G193
PAL20X10A	8412907	PROG. ARRAY LOGIC, 20-INPUT 10-OUTPUT REGISTERED AND-OR-XOR	N
20G10-30	5962-8863702	PROG. LOGIC DEVICE, 30 NS PROP. DELAY	N
20G10-40	5962-8863701	PROG. LOGIC DEVICE, 40 NS PROP. DELAY	N
2018	5962-8863802	PROG. ARRAY LOGIC, 10 X 10, 1800-GATE, 33 MHZ TOGGLE SPEED	N
2018	5962-8863803	PROG. ARRAY LOGIC, 10 X 10, 1800-GATE, 50 MHZ TOGGLE SPEED	N
2018	5962-8863804	PROG. ARRAY LOGIC, 10 X 10, 1800-GATE, 70 MHZ TOGGLE SPEED	N
PAL20L2	5962-8680405	PROG. ARRAY LOGIC, 20-INPUT 2-OUTPUT AND-OR-INVERT	G247
PAL20R4B	5962-8767104	PROG. ARRAY LOGIC, 20-INPUT 4-OUTPUT REGISTERED AND-OR	G26
PAL20X4A	8412908	PROG. ARRAY LOGIC, 20-INPUT 4-OUTPUT REGISTERED AND-OR-XOR	N
PAL20R4-15	5962-8767110	PROG. ARRAY LOGIC, 20-INPUT 4-OUTPUT REGISTERED AND-OR	N
PAL20R4A-2	8412912	PROG. ARRAY LOGIC, 20-INPUT 4-OUTPUT REGISTERED AND-OR	N
PAL20R6B	5962-8767103	PROG. ARRAY LOGIC, 20-INPUT 6-OUTPUT REGISTERED AND-OR	G34
PAL20R6-15	5962-8767109	PROG. ARRAY LOGIC, 20-INPUT 6-OUTPUT REGISTERED AND-OR	N
PAL20R6A-2	8412911	PROG. ARRAY LOGIC, 20-INPUT 6-OUTPUT REGISTERED AND-OR	N
20V8	5962-8984001	PROG. ARRAY LOGIC, ELECTR. ERASABLE, 20-INPUT 8-OUTPUT AND-OR, 30 NS ACCESS TIME	N
20V8	5962-8984002	PROG. ARRAY LOGIC, ELECTR. ERASABLE, 20-INPUT 8-OUTPUT AND-OR, 20 NS ACCESS TIME	N
20V8	5962-8984003	PROG. ARRAY LOGIC, ELECTR. ERASABLE, 20-INPUT 8-OUTPUT AND-OR, 15 NS ACCESS TIME	N
PAL20L8B	5962-8767101	PROG. ARRAY LOGIC, 20-INPUT 8-OUTPUT AND-OR-INVERT	G8
PAL20R8B	5962-8767102	PROG. ARRAY LOGIC, 20-INPUT 8-OUTPUT REGISTERED AND-OR	G41
PAL20X8A	8412906	PROG. ARRAY LOGIC, 20-INPUT 8-OUTPUT REGISTERED AND-OR-XOR	N
PLUS20L8	5962-8767105	PROG. ARRAY LOGIC, 20-INPUT 8-OUTPUT AND-OR-INVERT	N
PLUS20R8	5962-8767106	PROG. ARRAY LOGIC, 20-INPUT 8-OUTPUT REGISTERED AND-OR	N
PAL20L8-15	5962-8767107	PROG. ARRAY LOGIC, 20-INPUT 8-OUTPUT AND-OR-INVERT	N
PAL20R8-15	5962-8767108	PROG. ARRAY LOGIC, 20-INPUT 8-OUTPUT REGISTERED AND-OR	N
PAL20L8A-2	8412909	PROG. ARRAY LOGIC, 20-INPUT 8-OUTPUT AND-OR-INVERT	G100
PAL20R8A-2	8412910	PROG. ARRAY LOGIC, 20-INPUT 8-OUTPUT REGISTERED AND-OR	N
22V10	5962-8984101	PROG. ARRAY LOGIC, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR, 30 NS ACCESS TIM	N
22V10	5962-8984102	PROG. ARRAY LOGIC, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIM	N
22V10	5962-8984103	PROG. ARRAY LOGIC, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR, 15 NS ACCESS TIM	N
22V10	5962-8984104	PROG. ARRAY LOGIC, ELECTR. ERASABLE, 22-INPUT, 10-OUTPUT AND-OR	N
22V10	5962-8984105	PROG. ARRAY LOGIC, ELECTR. ERASABLE, 22-INPUT, 10-OUTPUT AND-OR	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
ROM/PROM/PAL 7 - Continued			
C22V10	50701	PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT AND-OR, 30 NS ACCESS TIME	N
C22V10	50702	PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT AND-OR, 25 NS ACCESS TIME	N
C22V10	50703	PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIME	N
C22V10	5962-8753901	PROG. ARRAY LOGIC, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	G215
C22V10	5962-8753902	PROG. ARRAY LOGIC, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	G215
C22V10	5962-8753903	PROG. ARRAY LOGIC, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	G215
C22V10	5962-8867001	PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT AND-OR, 25 NS ACCESS TIME	N
C22V10	5962-8867002	PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT AND-OR, 30 NS ACCESS TIME	N
C22V10	5962-8867003	PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT AND-OR, 40 NS ACCESS TIME	N
C22V10	5962-8867004	PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIME	N
C22V10	5962-8753904	PROG. ARRAY LOGIC, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	N
C22V10L	5962-8975501	PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT AND-OR	N
C22V10L	5962-8975502	PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT AND-OR	N
C22V10L	5962-8975503	PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT AND-OR	N
C22V10L	5962-8872404	PROG. ARRAY LOGIC, UV ERASABLE, 22-INPUT 10-OUTPUT, AND-OR	N
PAL22V10	5962-8605302	PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT REGISTERED AND-OR	G305
PAL22V10A	5962-8605301	PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT REGISTERED AND-OR	G305
PAL22V10-12	5962-8605305	PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT REGISTERED AND-OR	N
C22V10-15	50804	PROG. LOGIC ARRAY, 22-INPUT, 10-OUTPUT, AND-OR, 15 NS DELAY TIME	N
C22V10-20	50803	PROG. ARRAY LOGIC, 22-INPUT, 10-OUTPUT, AND-OR, 20 NS DELAY TIME	N
PAL22V10-20	5962-8605304	PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT REGISTERED AND-OR	N
C22V10-25	50802	PROG. ARRAY LOGIC, 22-INPUT, 10-OUTPUT, AND-OR, 25 NS DELAY TIME	N
C22V10L-25	5962-8872401	PROG. ARRAY LOGIC, UV ERASABLE, 22-INPUT 10 OUTPUT AND-OR	N
PAL22VP10-25	5962-8605303	PROG. ARRAY LOGIC, 22-INPUT 10 OUTPUT REGISTERED AND-OR	N
C22V10-30	50801	PROG. LOGIC ARRAY, 22-INPUT, 10-OUTPUT, AND-OR, 30 NS DELAY TIME	N
C22V10L-30	5962-8872402	PROG. ARRAY LOGIC, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	N
C22V10L-40	5962-8872403	PROG. ARRAY LOGIC, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	N
V2500H	5962-9154502M	LOGIC ARRAY, 38-INPUT, 25-OUTPUT AND-OR, 25 NS ACCESS TIME	N
V2500H	5962-9154602M	LOGIC ARRAY, 38-INPUT, 24-OUTPUT, AND-OR, 25 NS ACCESS TIME	N
V2500H	5962-9154501M	LOGIC ARRAY, 38-INPUT, 25-OUTPUT AND-OR, 35 NS ACCESS TIME	N
V2500H	5962-9154601M	LOGIC ARRAY, 38-INPUT, 24-OUTPUT, AND-OR, 35 NS ACCESS TIME	N
27S13	5962-8854102	PROM, 512 X 4, THREE-STATE, 60 NS ACCESS TIME	82048

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
ROM/PROM/PAL 7 - Continued			
27S13A	5962-8854101	PROM, 512 X 4, THREE-STATE, 40 NS ACCESS TIME	82048
27S19	5962-8670301	PROM, 32 X 8, WITH THREE-STATE OUTPUTS, 50 NS ACCESS TIME	8256
27S19A	5962-8670302	PROM, 32 X 8, WITH THREE-STATE OUTPUTS, 35 NS ACCESS TIME	8256
27PS191	5962-8552601	PROM, POWER-SWITCHED, 2K X 8, (THREE-STATE), 75 NS ACCESS TIME	816384
27PS191A	5962-8552602	PROM, POWER-SWITCHED, 2K X 8, (THREE-STATE), 65 NS ACCESS TIME	816384
27256-170	22403	PROM, UV ERASABLE, 32K X 8, 170 NS ACCESS TIME	8262144
27256-170	8411104	PROM, UV ERASABLE, 32K X 8, 170 NS ACCESS TIME	8262144
27S29	5962-8769001	PROM, 512 X 8, WITH THREE-STATE OUTPUTS, 70 NS ACCESS TIME	84096
27S29A	5962-8769002	PROM, 512 X 8, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME	84096
27PS291	5962-8552603	PROM, POWER-SWITCHED, 2K X 8, (THREE-STATE), 75 NS ACCESS TIME	816384
27PS291A	5962-8552604	PROM, POWER-SWITCHED, 2K X 8, (THREE-STATE), 65 NS ACCESS TIME	816384
27S35	5962-8670601	PROM, REGISTERED, 1K X 8, WITH PROGRAMMABLE INITIALIZE (ASYNCHRONOUS)	88192
27S35A	5962-8670602	PROM, REGISTERED, 1K X 8, WITH PROGRAMMABLE INITIALIZE ((ASYNCHRONOUS)	88192
27S37	5962-8670603	PROM, REGISTERED, 1K X 8, WITH PROGRAMMABLE INITIALIZE (SYNCHRONOUS)	88192
27S37A	5962-8670604	PROM, REGISTERED, 1K X 8, WITH PROGRAMMABLE INITIALIZE (SYNCHRONOUS)	88192
27S45	5962-8552701	PROM, REGISTERED, 2K X 8, WITH PROGRAMMABLE INITIALIZE (ASYNCHRONOUS)	816384
27S45A	5962-8552702	PROM, REGISTERED, 2K X 8, WITH PROGRAMMABLE INITIALIZE (ASYNCHRONOUS)	816384
27S47	5962-8552703	PROM, REGISTERED, 2K X 8, WITH PROGRAMMABLE INITIALIZE (SYNCHRONOUS)	816384
27S47A	5962-8552704	PROM, REGISTERED, 2K X 8, WITH PROGRAMMABLE INITIALIZE (SYNCHRONOUS)	816384
27C512	5962-8764801	PROM, UV ERASABLE, 64K X 8, 150 NS ACCESS TIME	8524288
27C512	5962-8764802	PROM, UV ERASABLE, 64K X 8, 200 NS ACCESS TIME	8524288
27C512	5962-8764803	PROM, UV ERASABLE, 64K X 8, 250 NS ACCESS TIME	8524288
27C512	5962-8764804	PROM, UV ERASABLE, 64K X 8, 120 NS ACCESS TIME	8524288
27S12-20	5962-8513505	PROM, UV ERASABLE, 64K X 8, 200 NS ACCESS TIME	8524288
27S12-25	5962-8513501	PROM, UV ERASABLE, 64K X 8, 250 NS ACCESS TIME	8524288
27S12-30	5962-8513503	PROM, UV ERASABLE, 64K X 8, 300 NS ACCESS TIME	8524288
27S12-35	5962-8513502	PROM, UV ERASABLE, 64K X 8, 350 NS ACCESS TIME	8524288
27S12-45	5962-8513504	PROM, UV ERASABLE, 64K X 8, 450 NS ACCESS TIME	8524288
2764-150	8200506	PROM, UV ERASABLE, 8K X 8, 150 NS ACCESS TIME	865536
2764A-20	8200505	PROM, UV ERASABLE, 8K X 8, 200 NS ACCESS TIME	865536
2764-200	8200507	PROM, UV ERASABLE, 8K X 8, 200 NS ACCESS TIME	865536
27C64-200	27503	PROM, UV ERASABLE, 8K X 8, 200 NS ACCESS TIME	865536
2764A-25	8200504	PROM, UV ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536
2764-250	8200502	PROM, UV ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536
27C64-250	27502	PROM, UV ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536
2764A-35	8200503	PROM, UV ERASABLE, 8K X 8, 350 NS ACCESS TIME	865536
27C64-350	27501	PROM, UV ERASABLE, 8K X 8, 350 NS ACCESS TIME	865536
2764-450	8200501	PROM, UV ERASABLE, 8K X 8, 450 NS ACCESS TIME	865536
27C64-90	8510204	PROM, UV ERASABLE, 8K X 8, 90 NS ACCESS TIME	865536

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
ROM/PROM/PAL 7 - Continued			
28C010	5962-3826701M	PROM, ELECTR. ERASABLE, 128K X 8, 250 NS ACCESS TIME	N
28C010	5962-3826702M	PROM, ELECTR. ERASABLE, 128K X 8, 250 NS ACCESS TIME	N
28C010	5962-3826703M	PROM, ELECTR. ERASABLE, 128K X 8, 200 NS ACCESS TIME	N
28C010	5962-3826704M	PROM, ELECTR. ERASABLE, 128K X 8, 200 NS ACCESS TIME	N
28C010	5962-3826705M	PROM, ELECTR. ERASABLE, 128K X 8, 150 NS ACCESS TIME	N
28C010	5962-3826706M	PROM, ELECTR. ERASABLE, 128K X 8, 150 NS ACCESS TIME	N
28C010	5962-3826707M	PROM, ELECTR. ERASABLE, 128K X 8, 120 NS ACCESS TIME	N
28C256-150	26105	PROM, ELECTR. ERASABLE, 32K X 8, 150 NS ACCESS TIME	8262144
28C256-150	26111	PROM, ELECTR. ERASABLE, 32K X 8, 150 NS ACCESS TIME	8262144
28C256-250	26106	PROM, ELECTR. ERASABLE, 32K X 8, 250 NS ACCESS TIME	8262144
28C256-250	26112	PROM, ELECTR. ERASABLE, 32K X 8, 250 NS ACCESS TIME	8262144
29671	21103	PROM, 4K X 8, TS, 70 NS ACCESS TIME	832768
54S572	20601	PROM, 1K X 4, WITH OPEN-COLLECTOR OUTPUTS	84096
55C64-250	26005	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536
57C64-70	8510207	PROM, UV ERASABLE, 8K X 8, 70 NS ACCESS TIME	N
7C235-30	5962-8863602	PROM, REGISTERED, 1K X 8, 30 NS ACCESS TIME	88192
7C235-40	5962-8863601	PROM, REGISTERED, 1K X 8, 40 NS ACCESS TIME	88192
CY7C331-25	5962-8985503M	PROGRAMMABLE LOGIC DEVICE, ONE-TIME PROGRAMMABLE, ASYNCHRONOUS REGISTERED, 25 NS	N
CY7C331-30	5962-8985502M	PROGRAMMABLE LOGIC DEVICE, ONE-TIME PROGRAMMABLE, ASYNCHRONOUS REGISTERED, 30 NS	N
CY7C331-40	5962-8985501M	PROGRAMMABLE LOGIC DEVICE, ONE-TIME PROGRAMMABLE, ASYNCHRONOUS REGISTERED, 40 NS	N
V750-35	5962-8872602	PROG. ARRAY LOGIC, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	N
V750-40	5962-8872601	PROG. ARRAY LOGIC, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR	N
82S105	5962-8670901	LOGIC SEQUENCER, FIELD PROGRAMMABLE, 16 X 48 X 8	N
82S105	5962-8670902	LOGIC SEQUENCER, FIELD PROGRAMMABLE, 16 X 48 X 8	N
82S129A	5962-8778802	PROM, 256 X 4, WITH THREE-STATE OUTPUTS, 40 NS ACCESS TIME	81024
82S153A	5962-8768201	LOGIC ARRAY, 18 X 42 X 10 FIELD-PROGRAMMABLE	662
Microprocessors and interface peripherals/FIFO 8			
(SEE DWG)	5962-8869201	MULTIPLEXED TERMINAL, MIL-STD-1553, 8C/RTU/MT	N
(SEE DWG)	5962-8869202	MULTIPLEXED TERMINAL, MIL-STD-1553, 8C/RTU/MT	N
(SEE DWG)	5962-8952301	FIFO MEMORY, 64 X 4, 10 MHZ	8256
(SEE DWG)	5962-8952302	FIFO MEMORY, 64 X 4, 15 MHZ	8256
(SEE DWG)	5962-8952303	FIFO MEMORY, 64 X 4, 25 MHZ	8256
(SEE DWG)	5962-8952304	FIFO MEMORY, 64 X 4, 35 MHZ	8256
(SEE DWG)	5962-8966401	FIFO MEMORY, 64 X 8, 15 MHZ	N
(SEE DWG)	5962-8966402	FIFO MEMORY, 64 X 8, 25 MHZ	N
(SEE DWG)	5962-8966101	FIFO MEMORY, 64 X 9, 15 MHZ	N
(SEE DWG)	5962-8966102	FIFO MEMORY, 64 X 9, 25 MHZ	N
(SEE DWG)	5962-8953601	FIFO MEMORY, 1K X 9 PARALLEL, 120 NS ACCESS TIME	N
(SEE DWG)	5962-8953602	FIFO MEMORY, 1K X 9 PARALLEL, 80 NS ACCESS TIME	N
(SEE DWG)	5962-8953603	FIFO MEMORY, 1K X 9 PARALLEL, 65 NS ACCESS TIME	N
(SEE DWG)	5962-8953604	FIFO MEMORY, 1K X 9 PARALLEL, 40 NS ACCESS TIME	N
(SEE DWG)	5962-8953605	FIFO MEMORY, 1K X 9 PARALLEL, 30 NS ACCESS TIME	N
(SEE DWG)	5962-8956801	FIFO MEMORY, 4K X 9 PARALLEL, 120 NS ACCESS TIME	N
(SEE DWG)	5962-8956802	FIFO MEMORY, 4K X 9 PARALLEL, 80 NS ACCESS TIME	N
(SEE DWG)	5962-8956803	FIFO MEMORY, 4K X 9 PARALLEL, 65 NS ACCESS TIME	N
(SEE DWG)	5962-8956804	FIFO MEMORY, 4K X 9 PARALLEL, 50 NS ACCESS TIME	N
(SEE DWG)	5962-8956805	FIFO MEMORY, 4K X 9 PARALLEL, 40 NS ACCESS TIME	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Microprocessors and interface peripherals/FIFO 8 - Continued			
(SEE DWG)	5962-8994201	FIFO MEMORY, 2K X 9	N
(SEE DWG)	5962-8994202	FIFO MEMORY, 2K X 9	N
(SEE DWG)	5962-8994203	FIFO MEMORY, 2K X 9	N
(SEE DWG)	5962-8994204	FIFO MEMORY, 2K X 9	N
(SEE DWG)	5962-8956701	FIFO MEMORY, 2K X 9 PARALLEL, 120 NS ACCESS TIME	N
(SEE DWG)	5962-8956702	FIFO MEMORY, 2K X 9 PARALLEL, 80 NS ACCESS TIME	N
(SEE DWG)	5962-8956703	FIFO MEMORY, 2K X 9 PARALLEL, 65 NS ACCESS TIME	N
(SEE DWG)	5962-8956704	FIFO MEMORY, 2K X 9 PARALLEL, 50 NS ACCESS TIME	N
(SEE DWG)	5962-8956705	FIFO MEMORY, 2K X 9 PARALLEL, 40 NS ACCESS TIME	N
(SEE DWG)	5962-8994301	FIFO MEMORY, 4K X 9 PARALLEL SERIAL, 120 NS ACCESS TIME	N
(SEE DWG)	5962-8994302	FIFO MEMORY, 4K X 9 PARALLEL SERIAL, 80 NS ACCESS TIME	N
(SEE DWG)	5962-8994303	FIFO MEMORY, 4K X 9 PARALLEL SERIAL, 65 NS ACCESS TIME	N
(SEE DWG)	5962-8994304	FIFO MEMORY, 4K X 9 PARALLEL SERIAL, 50 NS ACCESS TIME	N
(SEE DWG)	5962-8986301	FIFO MEMORY, 512 X 9, 80 NS ACCESS TIME	N
(SEE DWG)	5962-8986302	FIFO MEMORY, 512 X 9, 65 NS ACCESS TIME	N
(SEE DWG)	5962-8986303	FIFO MEMORY, 512 X 9, 50 NS ACCESS TIME	N
(SEE DWG)	5962-8986304	FIFO MEMORY, 512 X 9, 40 NS ACCESS TIME	N
(SEE DWG)	5962-8986305	FIFO MEMORY, 512 X 9, 30 NS ACCESS TIME	N
(SEE DWG)	5962-8986306	FIFO MEMORY, 512 X 9, 25 NS ACCESS TIME	N
(SEE DWG)	5962-8966601	FIFO MEMORY, 256 X 9 PARALLEL, 120 NS ACCESS TIME	N
(SEE DWG)	5962-8966602	FIFO MEMORY, 256 X 9 PARALLEL, 80 NS ACCESS TIME	N
(SEE DWG)	5962-8966603	FIFO MEMORY, 256 X 9 PARALLEL, 65 NS ACCESS TIME	N
(SEE DWG)	5962-8966604	FIFO MEMORY, 256 X 9 PARALLEL, 50 NS ACCESS TIME	N
(SEE DWG)	5962-8966605	FIFO MEMORY, 256 X 9 PARALLEL, 40 NS ACCESS TIME	N
(SEE DWG)	5962-8966606	FIFO MEMORY, 256 X 9 PARALLEL, 30 NS ACCESS TIME	N
(SEE SPEC)	62001	SIGNAL PROCESSING ELEMENT	N
(SEE SPEC)	62002	SIGNAL PROCESSING ELEMENT	N
Z0853004	5962-8752702	COMMUNICATIONS CONTROLLER, SERIAL, 4.0 MHZ	N
Z0853006	5962-8752701	COMMUNICATIONS CONTROLLER, SERIAL, 6.0 MHZ	N
Z0858106	5962-8752602	CLOCK GENERATOR AND CONTROLLER, 6.0 MHZ	N
Z0858110	5962-8752601	CLOCK GENERATOR AND CONTROLLER, 10 MHZ	N
LTC1090	5962-8983001	DATA ACQUISITION SYSTEM, 10-BIT	N
1553RTMP	5962-8864501	REMOTE TERMINAL MULTI-PROTOCOL	N
UT1553BB	5962-8862801	BUS CONTROLLER, REMOTE TERMINAL	N
UT1553BBCRTM	5962-8957701	BUS CONTROLLER, REMOTE TERMINAL AND MONITOR	N
BX1750A	5962-8951901	MICROPROCESSOR, 16-BIT, WITH MIL-STD-1750A INSTRUCTION SET ARCHITECTURE	N
BX1750A	5962-8951991	MICROPROCESSOR, 16-BIT, WITH MIL-STD-1750 INSTRUCTION SET ARCHITECTURE	N
1750A-15	5962-8766501	MICROPROCESSOR, 16-BIT, 15 MHZ	N
1750A-20	5962-8766502	MICROPROCESSOR, 16-BIT, 20 MHZ	N
1750A-30	5962-8766503	MICROPROCESSOR, 16-BIT, 30 MHZ	N
2100ASG	5962-8773503	MICROPROCESSOR, SIGNAL PROCESSING, 8 MHZ	N
2100ATG	5962-8773504	MICROPROCESSOR, SIGNAL PROCESSING, 10 MHZ	N
2100SG	5962-8773501	MICROPROCESSOR, SIGNAL PROCESSING, 6 MHZ	N
2100TG	5962-8773502	MICROPROCESSOR, SIGNAL PROCESSING, 8 MHZ	N
2901C	8405701	MICROPROCESSOR SLICE, 4-BIT	G540
2903A	5962-8867701	MICROPROCESSOR, 4-BIT	N
2904	8601701	CONTROL UNIT, STATUS AND SHIFT, 4-BIT	N
2909A	8602701	MICROPROGRAM SEQUENCER, 4-BIT	N
2910	7801701	CONTROLLER, MICROPROGRAM	N
2910A	7801702	CONTROLLER, MICROPROGRAM	N
29C10A	5962-8770801	CONTROLLER, MICROPROGRAM (9 DEEP STACK)	N
2911A	8602801	MICROPROGRAM SEQUENCER, 4-BIT	N
29116	5962-8686301	MICROPROCESSOR, 16-BIT	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Microprocessors and interface peripherals/FIFO 8 - Continued			
29C116	5962-8861201	MICROPROCESSOR, 16-BIT	N
29C116-1	5962-8861202	MICROPROCESSOR, 16-BIT	N
29C116-2	5962-8861203	MICROPROCESSOR, 16-BIT	N
2914	8602901	INTERRUPT CONTROLLER, VECTORED PRIORITY	N
2925	5962-8859801	CLOCK GENERATOR, 31 MHZ	N
2925A	5962-8859802	CLOCK GENERATOR, 50 MHZ	N
2930	5962-8757301	PROGRAM CONTROL UNIT, 4-BIT	N
2940	8603001	DMA ADDRESS GENERATOR	N
2942	5962-8860101	PROGRAMMABLE TIMER/COUNTER DMA ADDRESS GENERATOR	N
2960	5962-8760201	ERROR DETECTION/CORRECTION UNIT, 16-BIT	N
29C60A	5962-8861303	ERROR DETECTION/CORRECTION CKT, 16-BIT, 24 NS DETECT TIME, 35 NS CORRECT TIME	N
2964B	5962-8757401	DYNAMIC MEMORY CONTROLLER	N
29C660A	5962-8853303	ERROR DETECTION AND CORRECTION UNIT, 32-BIT, 33 NS DETECT TIME	N
29C660B	5962-8853304	ERROR DETECTION AND CORRECTION UNIT, 32-BIT, 28 NS DETECT TIME	N
29C660C	5962-8853305	ERROR DETECTION AND CORRECTION UNIT, 32-BIT, 21 NS DETECT TIME	N
2968A	5962-8869601	DYNAMIC MEMORY CONTROLLER	N
2968A	5962-8869602	DYNAMIC MEMORY CONTROLLER, WITH OUTPUT ENABLE	N
29C841	5962-8760301	LATCH, BUS INTERFACE, 10-WIDE	G52
29C843	5962-8760302	LATCH, BUS INTERFACE, 9-WIDE	G52
29C941	5962-8760303	LATCH, BUS INTERFACE, 10-WIDE	G52
29C943	5962-8760304	LATCH, BUS INTERFACE, 9-WIDE	G52
32010	8405301	SIGNAL PROCESSOR, DIGITAL	N
320C10	5962-8763301	SIGNAL PROCESSOR, DIGITAL, 20 MHZ	N
320CM10	5962-8763303	SIGNAL PROCESSOR, DIGITAL, WITH MASK PROGRAMMABLE ROM, 25 MHZ	N
320C10-25	5962-8763302	SIGNAL PROCESSOR, DIGITAL, 25 MHZ	N
320CF10-25	5962-8763305	SIGNAL PROCESSOR, DIGITAL, 6.7 - 25 MHZ	N
320CM10-25	5962-8763304	SIGNAL PROCESSOR, DIGITAL, WITH MASK PROGRAMMABLE ROM, 25 MHZ	N
320C15	5962-8763307	SIGNAL PROCESSOR, DIGITAL, 6.7 - 20 MHZ	N
320E15	5962-8763306	SIGNAL PROCESSOR, DIGITAL, WITH EPROM, 20 MHZ	N
320C15-25	5962-8763308	SIGNAL PROCESSOR, DIGITAL, 6.7 - 25 MHZ	N
320C25	5962-8861901	SIGNAL PROCESSOR, DIGITAL	N
32C201-10	55201	TIMING CONTROL UNIT, 10 MHZ	N
32C201-10	5962-8859901	TIMING CONTROL UNIT, 10 MHZ	N
TVB382	61601	ADDRESS GENERATOR	N
39C10B	5962-8770802	CONTROLLER, MICROPROGRAM (33 DEEP STACK)	N
39C10C	5962-8770803	CONTROLLER, MICROPROGRAM (33 DEEP STACK)	N
39C60	5962-8861302	ERROR DETECTION/CORRECTION CKT, 16-BIT, 36 NS DETECT TIME, 73 NS CORRECT TIME	N
39C60A	5962-8861301	ERROR DETECTION/CORRECTION CKT, 16-BIT, 24 NS DETECT TIME, 35 NS CORRECT TIME	N
49C410	5962-8864301	MICROPROGRAM SEQUENCER, 16-BIT, WITH 33-DEEP STACK	N
49C410A	5962-8864302	MICROPROGRAM SEQUENCER, 16-BIT, WITH 33-DEEP STACK	N
49C460A	5962-8853301	ERROR DETECTION AND CORRECTION UNIT, 32-BIT, 33 NS DETECT TIME	N
49C460B	5962-8853302	ERROR DETECTION AND CORRECTION UNIT, 32-BIT, 28 NS DETECT TIME	N
49C460C	5962-8853306	ERROR DETECTION AND CORRECTION UNIT, 32-BIT, 21 NS ACCESS TIME	N
54FCT845A	5962-8867501	BUS INTERFACE LATCH, 8-BIT, NONINVERTING, TTL-COMPATIBLE	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Microprocessors and interface peripherals/FIFO 8 - Continued			
54FCT845B	5962-8867502	BUS INTERFACE LATCH, 8-BIT, NONINVERTING, TTL-COMPATIBLE	N
56001-20	5962-8951201	DIGITAL SIGNAL PROCESSOR, 56-BIT GENERAL PURPOSE	N
57401	5962-8779101	FIFO MEMORY, 64 X 4 STAND-ALONE, 7 MHZ	8256
57401A	5962-8779103	FIFO MEMORY, 64 X 4 STAND-ALONE, 10 MHZ	8256
57L401D	5962-8779109	FIFO MEMORY, 64 X 4 STAND-ALONE, 12 MHZ	8256
C57401	5962-8779105	FIFO MEMORY, 64 X 4 CASCADABLE, 7 MHZ	8256
C57401A	5962-8779107	FIFO MEMORY, 64 X 4 CASCADABLE, 10 MHZ	8256
57L4013D	5962-8779111	FIFO MEMORY, 64 X 4 STAND-ALONE THREE-STATE, 12 MHZ	8256
57402	5962-8779102	FIFO MEMORY, 64 X 5 STAND-ALONE, 7 MHZ	8320
57402A	5962-8779104	FIFO MEMORY, 64 X 5 STAND-ALONE, 10 MHZ	8320
57L402D	5962-8779110	FIFO MEMORY, 64 X 4, STAND-ALONE, 12 MHZ	8320
C57402	5962-8779106	FIFO MEMORY, 64 X 5 CASCADABLE, 7 MHZ	8320
C57402A	5962-8779108	FIFO MEMORY, 64 X 5 CASCADABLE, 10 MHZ	8320
WS5910A	5962-8770801	CONTROLLER, MICROPROGRAM (9 DEEP STACK)	N
BUS-66300II	5962-8858601	INTERFACE UNIT, BUS TO MICROPROCESSOR, MIL-STD-1553	N
68000-12	8202104	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	G12667
68000-6	54001	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION	G12667
68020-16	5962-8603202	MICROPROCESSOR, 32-BIT	N
68020-20	5962-8603203	MICROPROCESSOR, 32-BIT	N
68030-16	5962-8946401	MICROPROCESSOR, 32-BIT ENHANCED	N
68030-20	5962-8946402	MICROPROCESSOR, 32-BIT ENHANCED	N
68030-25	5962-8946403	MICROPROCESSOR, 32-BIT ENHANCED	N
68030-33	5962-8946404	MICROPROCESSOR, 32-BIT ENHANCED	N
68172	5962-8770501	CONTROLLER, VMEBUS	N
68442-8	5962-8681101	DMA CONTROLLER, EXTENDED DUAL CHANNEL	N
68562	5962-8681001	COMMUNICATIONS CONTROLLER, UNIVERSAL SERIAL, DUAL	N
68HC811E2	5962-8952701	MICROCONTROLLER, 8-BIT, EEPROM 2K BYTES, RAM 256 BYTES	N
68881-16	5962-8602102	COPROCESSOR, FLOATING-POINT	N
68881-20	5962-8602103	COPROCESSOR, FLOATING-POINT	N
68901-4	5962-8850601	PERIPHERAL, MULTIFUNCTION, 4 MHZ	N
68901-5	5962-8850602	PERIPHERAL, MULTIFUNCTION, 5 MHZ	N
ICM7170	5962-8765301	CLOCK, REAL-TIME, MICROPROCESSOR-COMPATIBLE	N
7201LA30	5962-8753101	FIFO MEMORY, 512 X 9 PARALLEL, 30 NS ACCESS TIME	N
7201LA50	5962-8753102	FIFO MEMORY, 512 X 9 PARALLEL, 50 NS ACCESS TIME	N
7201LA80	5962-8753103	FIFO MEMORY, 512 X 9 PARALLEL, 80 NS ACCESS TIME	N
7203S40	5962-8866904	FIFO MEMORY, 2K X 9, 40 NS ACCESS TIME	818432
7203S50	5962-8866903	FIFO MEMORY, 2K X 9, 50 NS ACCESS TIME	818432
7203S65	5962-8866902	FIFO MEMORY, 2K X 9, 65 NS ACCESS TIME	818432
7203S80	5962-8866901	FIFO MEMORY, 2K X 9, 80 NS ACCESS TIME	818432
72404L10	5962-8684601	FIFO MEMORY, 64 X 5 PARALLEL, 10 MHZ	8320
72404L15	5962-8684602	FIFO MEMORY, 64 X 5 PARALLEL, 15 MHZ	8320
72404L25	5962-8684603	FIFO MEMORY, 64 X 5 PARALLEL, 25 MHZ	8320
72404L35	5962-8684604	FIFO MEMORY, 64 X 5 PARALLEL, 35 MHZ	8320
7C429-30	5962-8866905	FIFO MEMORY, 2K X 9, 30 NS ACCESS TIME	818432
7C901-27	5962-8853502	MICROPROCESSOR, 4-BIT SLICE, 27 NS CYCLE TIME	N
7C901-32	5962-8853501	MICROPROCESSOR, 4-BIT SLICE, 32 NS CYCLE TIME	N
7C9101-35	5962-8951702	MICROPROCESSOR SLICE, 16-BIT	N
7C9101-45	5962-8951701	MICROPROCESSOR SLICE, 16-BIT	N
7C910-46	5962-8770805	CONTROLLER, MICROPROGRAM (17 DEEP STACK)	N
7C910-51	5962-8770804	CONTROLLER, MICROPROGRAM (17 DEEP STACK)	N
7C9116-40	5962-8861204	MICROPROCESSOR, 16-BIT	N
7C9116-65	5962-8861203	MICROPROCESSOR, 16-BIT	N
7C9116-75	5962-8861202	MICROPROCESSOR, 16-BIT	N
7C9116-99	5962-8861201	MICROPROCESSOR, 16-BIT	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate. bit. transistor count 1/
Microprocessors and interface peripherals/FIFO 8 - Continued			
Z-80BCPU	48003	MICROPROCESSOR, 8-BIT	G2833
NSC800	8301301	MICROPROCESSOR, 8-BIT, 2.5 MHZ	N
Z8001ACPU	52003	MICROPROCESSOR, 16-BIT, 6.0 MHZ	N
Z8001ACPU	8000303	MICROPROCESSOR, 16-BIT, 6.0 MHZ	N
Z8001B	8000304	MICROPROCESSOR, 16-BIT, 10 MHZ	N
Z8001CPU	52001	MICROPROCESSOR, 16-BIT, 4.0 MHZ	N
Z8001CPU	8000301	MICROPROCESSOR, 16-BIT, 4.0 MHZ	N
Z8002B	8000305	MICROPROCESSOR, 16-BIT, 10 MHZ	N
NSC800-4	8301302	MICROPROCESSOR, 8-BIT, 3.5 MHZ	N
80C186-10	5962-8850101	MICROPROCESSOR, 16-BIT, 10 MHZ	N
80C186-12	5962-8850102	MICROPROCESSOR, 16-BIT, 12.5 MHZ	N
M80186-6	8501002	MICROPROCESSOR, 16-BIT, 6 MHZ	G18333
M80186-8	8501001	MICROPROCESSOR, 16-BIT, 8 MHZ	G18333
80C196KB	5962-8998201	MICROCONTROLLER, 16-BIT, 12 MHZ	N
80286-10	5962-8514803	MICROPROCESSOR, 16-BIT, 10 MHZ	G43333
80286-6	5962-8514802	MICROPROCESSOR, 16-BIT, 6 MHZ	G43333
80286-8	5962-8514801	MICROPROCESSOR, 16-BIT, 8 MHZ	G43333
80287-10	5962-8513301	MICROPROCESSOR, NUMERIC, 80-BIT, 10 MHZ	N
80287-5	5962-8513303	MICROPROCESSOR, NUMERIC, 80-BIT, 6 MHZ	N
80287-8	5962-8513302	MICROPROCESSOR, NUMERIC, 80-BIT, 8 MHZ	N
Z8030	5962-8551802	COMMUNICATIONS CONTROLLER, SERIAL, 4.0 MHZ	N
Z8030A	5962-8551801	COMMUNICATIONS CONTROLLER, SERIAL, 6.0 MHZ	N
80C31	5962-8506401	MICROCONTROLLER, 8-BIT (3.5 TO 12 MHZ)	N
80C31BH	5962-8506401M	MICROCONTROLLER, 8-BIT (3.5 TO 12 MHZ)	N
80C31-1	5962-8506403	MICROCONTROLLER, 8-BIT (3.5 TO 16 MHZ)	N
80C31BH-16	5962-8506403M	MICROCONTROLLER, 8-BIT (3.5 TO 16 MHZ)	N
80C31BH-16	5962-8506404M	MICROCONTROLLER, 8-BIT, WITH A MASK PROGRAMMABLE ROM (3.5 TO 16 MHZ)	N
8035AHL	5962-8856801	MICROCOMPUTER, 8-BIT, WITH 64 X 8 RAM DATA MEMORY	N
Z8036	8551702	COUNTER/TIMER AND PARALLEL I/O UNIT, 4.0 MHZ	N
Z8036A	8551701	COUNTER/TIMER AND PARALLEL I/O UNIT, 6.0 MHZ	N
80386-12	5962-8766802	MICROPROCESSOR, 32-BIT, 12.5 MHZ	N
80386-16	5962-8766801	MICROPROCESSOR, 32-BIT, 16 MHZ	N
80386-20	5962-8766803	MICROPROCESSOR, 32-BIT, 20 MHZ	N
80386-25	5962-8766804	MICROPROCESSOR, 32-BIT, 25 MHZ	N
80387-16	5962-8953401	NUMERIC PROCESSOR EXTENSION, 80-BIT	N
80387-20	5962-8953402	NUMERIC PROCESSOR EXTENSION, 80-BIT	N
80387-25	5962-8953403	NUMERIC PROCESSOR EXTENSION, 80-BIT	N
8048AH	5962-8856802	MICROCOMPUTER, 8-BIT, WITH 1K X 8 PROGRAM MEMORY AND 64 X 8 RAM DATA MEMORY	N
80C51	5962-8506402	MICROCONTROLLER, 8-BIT, WITH A MASK PROGRAMMABLE ROM (3.5 TO 12 MHZ)	N
80C51BH	5962-8506402M	MICROCONTROLLER, 8-BIT, WITH A MASK PROGRAMMABLE ROM (3.5 TO 12 MHZ)	N
80C51BH-16	5962-8506404M	MICROCONTROLLER, 8-BIT, WITH A MASK PROGRAMMABLE ROM (3.5 TO 16 MHZ)	N
80C86	8405201	MICROPROCESSOR, 16-BIT, 5 MHZ	N
80C86-2	8405202	MICROPROCESSOR, 16-BIT, 8 MHZ	N
8087	5962-8854702	DATA PROCESSOR, NUMERIC, 5 MHZ	N
8087-2	5962-8854701	DATA PROCESSOR, NUMERIC, 8 MHZ	N
8088	5962-8768501	MICROPROCESSOR, 8-BIT	N
80960MC-16	5962-9094601M	MICROPROCESSOR, 32-BIT, WITH FLOATING POINT AND MMU, 16 MHZ	N
80960MC-20	5962-9094602M	MICROPROCESSOR, 32-BIT, WITH FLOATING POINT AND MMU, 20 MHZ	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Microprocessors and interface peripherals/FIFO 8 - Continued			
80960MC-25	5962-9094603M	MICROPROCESSOR, 32-BIT, WITH FLOATING POINT AND MMU, 25 MHZ	N
8097	8506301	MICROCONTROLLER, 16-BIT	N
8097BH	5962-8959601	MICROCONTROLLER, 16-BIT, 12 MHZ	N
82188	5962-8767201	BUS CONTROLLER, INTEGRATED	N
82C284-10	5962-8773401	CLOCK GENERATOR AND READY INTERFACE, 10 MHZ	N
82C284-6	5962-8773403	CLOCK GENERATOR AND READY INTERFACE, 6 MHZ	N
82C284-8	5962-8773402	CLOCK GENERATOR AND READY INTERFACE, 8 MHZ	N
82288-6	5962-8514901	BUS CONTROLLER, 6 MHZ	N
82288-8	5962-8514902	BUS CONTROLLER, 8 MHZ	N
82380	5962-8959301	DMA CONTROLLER, 32-BIT	N
82384-12	5962-8766902	CLOCK GENERATOR AND RESET INTERFACE, 12.5 MHZ	N
82384-16	5962-8766901	CLOCK GENERATOR AND RESET INTERFACE, 16 MHZ	N
8251A	5962-8754801	COMMUNICATION INTERFACE, PROGRAMMABLE	N
82510	5962-8972501	CONTROLLER, ASYNCHRONOUS SERIAL	N
82C52	8501501	CONTROLLER INTERFACE, SERIAL, 16 MHZ	N
8253	5962-8752001	INTERVAL TIMER, PROGRAMMABLE	N
8253	5962-8752002	INTERVAL TIMER, PROGRAMMABLE	N
8253-5	5962-8752003	INTERVAL TIMER, PROGRAMMABLE	N
82C54	8406501	INTERVAL TIMER, PROGRAMMABLE	N
8255A	5962-8757001	PERIPHERAL INTERFACE, PROGRAMMABLE	N
82C55A	8406602	PERIPHERAL INTERFACE, PROGRAMMABLE, 8.0 MHZ	N
8255A-5	5962-8757002	PERIPHERAL INTERFACE, PROGRAMMABLE	N
82C55A-5	8406601	PERIPHERAL INTERFACE, PROGRAMMABLE, 5.0 MHZ	N
8259A	5962-8751801	INTERRUPT CONTROLLER, PROGRAMMABLE	N
82C59A	5962-8501602	INTERRUPT CONTROLLER, PROGRAMMABLE, 8 MHZ	N
82C59A-5	5962-8501601	INTERRUPT CONTROLLER, PROGRAMMABLE, 5 MHZ	N
82720	5962-8608801	DISPLAY CONTROLLER, GRAPHICS	N
8274	5962-8771301	CONTROLLER, MULTI-PROTOCOL SERIAL	N
82C88	8406901	BUS CONTROLLER, 8 MHZ	N
82C89	5962-8552801	BUS ARBITER, 8 MHZ	N
8X305	8550201	MICROCONTROLLER, 16-BIT	N
8X305-10	8550202	MICROCONTROLLER, 16-BIT	N
8X320	5962-8550301	MICROCONTROLLER, 16-BIT	N
83C451	5962-8972602M	MICROCONTROLLER, I/O EXPANDED, WITH MASK-PROGRAMMABLE ROM	N
8X371	5962-8757601	I/O PORT, 8-BIT BIDIRECTIONAL LATCHED	G113
8X376	5962-8685101	I/O PORT, PROGRAMMABLE ADDRESSABLE BIDIRECTIONAL ASYNCHRONOUS	N
8397	8552001	MICROCONTROLLER, 16-BIT, WITH MASK-PROGRAMMABLE ROM	N
Z8420	8418602	I/O CONTROLLER, PARALLEL, 2.5 MHZ	N
Z8420A	8418601	I/O CONTROLLER, PARALLEL, 4.0 MHZ	N
Z84C2006	5962-8951401	I/O CONTROLLER, PARALLEL, 6.17 MHZ	N
Z8430	8301602	COUNTER/TIMER UNIT, 2.5 MHZ	N
Z8430A	8301601	COUNTER/TIMER UNIT, 4.0 MHZ	N
Z84C3006	5962-8951501	COUNTER/TIMER UNIT, 6.17 MHZ	N
Z8442	8301502	CONTROLLER, DUAL SERIAL INPUT/OUTPUT, 2.5 MHZ	N
Z8442A	8301501	CONTROLLER, DUAL SERIAL INPUT/OUTPUT, 4.0 MHZ	N
Z84C4206	5962-8951601	I/O CONTROLLER, DUAL SERIAL, 6.17 MHZ	N
AM85C30-10	5962-8868903	COMMUNICATIONS CONTROLLER, SERIAL, WITH SDLC ENHANCEMENTS, 10.0 MHZ	N
AM85C30-12	5962-8868904	COMMUNICATIONS CONTROLLER, SERIAL, WITH SDLC ENHANCEMENTS, 12.0 MHZ	N
AM85C30-16	5962-8868905	COMMUNICATIONS CONTROLLER, SERIAL, WITH SDLC ENHANCEMENTS, 16.0 MHZ	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Microprocessors and interface peripherals/FIFO 8 - Continued			
AM85C30-8	5962-8868906	COMMUNICATION CONTROLLER. SERIAL. WITH SDC ENHANCEMENTS. 8.0 MHZ	N
Z8536	8300101	COUNTER/TIMER AND PARALLEL I/O PERIPHERAL UNIT	N
Z8536A	8300102	COUNTER/TIMER AND PARALLEL I/O PERIPHERAL UNIT	N
8751H	8419002	MICROCOMPUTER. 8-BIT. WITH 32K-BIT UVEPROM. 12.0 MHZ MAX	N
87C51	5962-8768401M	MICROCONTROLLER. 8-BIT. WITH 4K-BYTES EPROM MEMORY (3.5 TO 12 MHZ)	N
87C51FB-12	5962-9056401	CONTROLLER. 8-BIT. HIGH PERFORMANCE. WITH 16K BYTES PROGR. EPROM	N
87C51-16	5962-8768402M	MICROCONTROLLER. 8-BIT. WITH 4K-BYTES EPROM MEMORY (3.5 TO 16 MHZ)	N
87C51FB-16	5962-9056402	CONTROLLER. 8-BIT. HIGH PERFORMANCE. WITH 16K BYTES PROGR. EPROM	N
8751H-8	8419001	MICROCOMPUTER. 8-BIT. WITH 32K-BIT UVEPROM. 8.0 MHZ MAX	N
87C541	5962-9056401	CONTROLLER. 8-BIT. HIGH PERFORMANCE. WITH 16K BYTES PROGR. EPROM	N
87C541FB-1	5962-9056402	CONTROLLER. 8-BIT. HIGH PERFORMANCE. WITH 16K BYTES PROGR. EPROM	N
8797BH	5962-8680901	MICROCONTROLLER. 16-BIT. WITH EPROM	N
F9450-15	8416901	MICROPROCESSOR. 16-BIT. WITH MIL-STD-1750 INSTRUCTION SET ARCHITECTURE. 15.0 MHZ	N
F9450-F15	8416904	MICROPROCESSOR. 16-BIT. WITH MIL-STD-1750 INSTRUCTION SET ARCHITECTURE. 15.0 MHZ	N
F9450-F18	8416902	MICROPROCESSOR. 16-BIT. WITH MIL-STD-1750 INSTRUCTION SET ARCHITECTURE. 18.0 MHZ	N
F9450-F20	8416903	MICROPROCESSOR. 16-BIT. WITH MIL-STD-1750 INSTRUCTION SET ARCHITECTURE. 20.0 MHZ	N
9513A	5962-8552301	INTERVAL TIMER. PROGRAMMABLE	N
9517A	5962-8757501	DMA CONTROLLER. MULTIMODE	N
9517A-4	5962-8757502	DMA CONTROLLER. MULTIMODE	N
9519A	5962-8759701	INTERRUPT CONTROLLER. UNIVERSAL	N
Operational amplifiers 9			
AMP-01A	5962-8863001	INSTRUMENTATION AMPLIFIER. LOW-NOISE. PRECISION	N
AMP-01B	5962-8863002	INSTRUMENTATION AMPLIFIER. LOW-NOISE. PRECISION	N
PA02	5962-9067901H	OP AMP. POWER	N
061	11901	OP AMP. BI-FET. LOW POWER	T33
061	8102301	OP AMP. BI-FET. LOW POWER	T33
062	11902	OP AMP. DUAL. BI-FET. LOW POWER	T33
062	8102302	OP AMP. DUAL. BI-FET. LOW POWER	T33
064	11903	OP AMP. QUAD. BI-FET. LOW POWER	T33
064	8102303	OP AMP. QUAD. BI-FET. LOW POWER	T33
PA07M	5962-9063801H	OP AMP. POWER	N
PA08M	5962-9072301H	OP AMP. POWER	N
LM10	5962-8760401	OP AMP/VOLT. REFERENCE	N
PA10M	5962-9082801H	OP AMP. POWER	N
LT1007A	5962-8757801	OP AMP. LOW-NOISE. HIGH-SPEED PRECISION	N
INA101	5962-8778001	INSTRUMENTATION AMPLIFIER. WITH GAIN SENSE	N
INA101	5962-8778002	INSTRUMENTATION AMPLIFIER	N
LT1013	5962-8876002	OP AMP. DUAL MATCHED. HIGH PERFORMANCE	N
LT1013A	5962-8876001	OP AMP. DUAL MATCHED. HIGH PERFORMANCE	N
LT1014	5962-8967702	OP AMP. QUAD PRECISION	N
LT1014A	5962-8967701	OP AMP. QUAD PRECISION	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Operational amplifiers 9 - Continued			
LM102	10601	VOLT. FOLLOWER	T19
LT1022	5962-8962202	OP AMP, HIGH-SPEED, PRECISION JFET-INPUT	N
LT1022A	5962-8962201	OP AMP, HIGH-SPEED, PRECISION JFET-INPUT	N
LT1028AM	5962-8862202	OP AMP, LOW-NOISE, HIGH-SPEED, PRECISION	N
LT1028M	5962-8862201	OP AMP, LOW-NOISE, HIGH-SPEED, PRECISION	N
LT1037A	5962-8856701	OP AMP, LOW-NOISE, HIGH-SPEED, PRECISION	N
LTC1052	5962-8978201	OP AMP, CHOPPER-STABILIZED	N
LT1055	5962-8997603	OP AMP, HIGH SPEED PRECISION JFET	N
LT1055A	5962-8997601	OP AMP, HIGH SPEED PRECISION JFET	N
LT1056	5962-8997604	OP AMP, HIGH SPEED PRECISION JFET	N
LT1056A	5962-8997602	OP AMP, HIGH SPEED PRECISION JFET	N
LM107	5962-8958901	OP AMP	N
LM110	10602	VOLT. FOLLOWER, HIGH-SPEED	T19
LM110	5962-8760601	VOLT. FOLLOWER, HIGH-SPEED	T19
OP14A	5962-8771401	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	T2
OP14B	5962-8771402	OP AMP, DUAL MATCHED, HIGH PERFORMANCE	T2
LM143	7800303	OP AMP, HIGH-VOLTAGE	N
1437	5962-8981301	OP AMP, WIDEBAND	N
LM144	7800301	OP AMP, HIGH-VOLTAGE	N
LM149	11002	OP AMP, QUAD	T88
1536	7800304	OP AMP, HIGH-VOLTAGE	N
1545	5962-8671201	WIDEBAND AMPLIFIER, TWO-CHANNEL INPUT	N
LM158	5962-8771001	OP AMP, DUAL, LOW-POWER	N
LM158A	5962-8771002	OP AMP, DUAL, LOW-POWER	N
1590	5962-8765701	WIDEBAND AMPLIFIER, WIT AGC	T1
OP-17A	5962-8770601	OP AMP, JFET-INPUT (INTERNALLY COMPENSATED)	N
OP-17B	5962-8770602	OP AMP, JFET-INPUT (INTERNALLY COMPENSATED)	N
CLC200A	5962-8991001	OP AMP, HIGH-SPEED, WIDEBAND	N
OP-200A	5962-8859301	OP AMP, DUAL, LOW-OFFSET, LOW-POWER	N
CLC201A	5962-9083301H	OP AMP, WIDEBAND, HIGH-SPEED	N
TLE2021	5962-9088101M	OP AMP, HIGH-SPEED, LOW-POWER	N
TLE2022	5962-9088102M	OP AMP, DUAL, HIGH-SPEED, LOW-POWER	N
TLE2024	5962-9088103M	OP AMP, QUAD, HIGH-SPEED, LOW-POWER	N
TLE2027M	5962-9089601M	OP AMP, LOW-NOISE, HIGH-SPEED PRECISION	N
TLE2037M	5962-9089602M	OP AMP, LOW-NOISE, HIGH-SPEED PRECISION, UNCOMPENSATED	N
EL2038	5962-9153501M	OP AMP, WIDEBAND, HIGH SLEW RATE	N
EL-2041	5962-8778502	OP AMP, WIDEBAND, FAST SETTLING, UNITY GAIN STABLE	N
CLC206A	5962-8985801	OP AMP, WIDEBAND, OVERDRIVE PROTECTED	N
TLE2061M	5962-9080701M	OP AMP, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	N
TLE2062M	5962-9080801M	OP AMP, DUAL, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	N
TLE2064	5962-9080901M	OP AMP, QUAD, JFET-INPUT HIGH-OUTPUT-DRIVE MICROPOWER	N
OP207	5962-8771501	OP AMP, DUAL, ULTRA-LOW OFFSET, MATCHED	N
OP215A	5962-8853801	OP AMP, DUAL PRECISION JFET-INPUT	N
OP215B	5962-8853802	OP AMP, DUAL PRECISION JFET-INPUT	N
OP215BR	5962-8853803	OP AMP, DUAL PRECISION JFET-INPUT, WITH BALANCE ADJUST	N
EL2171	5962-8997302	OP AMP, WIDEBAND, FAST SETTLING, HIGH GAIN	N
CLC220A	5962-8991101	OP AMP, HIGH-SPEED, WIDEBAND	N
OP-227A	13504	OP AMP, DUAL, LOW-OFFSET, LOW-NOISE	T2
OP-227A	5962-8688701	OP AMP, DUAL, LOW-OFFSET, LOW-NOISE	T2
OP-237A	5962-9056801	OP AMP, DUAL, LOW-OFFSET, LOW-NOISE, HIGH-SPEED	N
OP-237C	5962-9056802	OP AMP, DUAL, LOW-OFFSET, LOW-NOISE, HIGH-SPEED	N
HA-2400	5962-8778301	OP AMP, 4-CHANNEL PROGRAMMABLE	N
HA-2541	5962-8778501	OP AMP, WIDEBAND, FAST SETTLING, UNITY GAIN STABLE	N
HA-2544	5962-8950201	OP AMP, VIDEO	N
OP-260A	5962-9053601	OP AMP, DUAL, HIGH-SPEED CURRENT-FEEDBACK	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Operational amplifiers 9 - Continued			
2640	7800302	OP AMP, HIGH-VOLTAGE	N
TLC2652A	5962-9089503M	OP AMP, PRECISION CHOPPER-STABILIZED	N
TLC2652M	5962-9089501M	OP AMP, PRECISION CHOPPER-STABILIZED	N
TLC2654M	5962-9089502M	OP AMP, LOW-NOISE CHOPPER-STABILIZED	N
OP-270A	5962-8872101	OP AMP, DUAL, LOW-NOISE, PRECISION	N
OP-271A	5962-8872102	OP AMP, DUAL, LOW-NOISE, HIGH-SPEED	N
TLC272	5962-8949401	OP AMP, DUAL PRECISION	N
TLC272L2	5962-8949403	OP AMP, DUAL PRECISION, LOW POWER	N
TLC274	5962-9060401	OP AMP, QUAD, PRECISION	N
TLC277	5962-8949402	OP AMP, DUAL PRECISION	N
TLC277L7	5962-8949404	OP AMP, DUAL PRECISION, LOW POWER	N
TLC279	5962-9060402	OP AMP, QUAD, PRECISION	N
OP-290	5962-8978301	OP AMP, DUAL, PRECISION LOW-VOLTAGE MICROPOWER	N
37	5962-8853701	OP AMP, LOW-NOISE, PRECISION, HIGH-SPEED	N
OP-37A	13505	OP AMP, LOW-NOISE, PRECISION, HIGH-SPEED	N
OP-37A	5962-8853701	OP AMP, LOW-NOISE, PRECISION, HIGH-SPEED	N
400	5962-8997001	OP AMP, WIDEBAND, FAST SETTLING, CURRENT FEEDBACK	N
OP-400A	5962-8777101	OP AMP, QUAD, LOW-OFFSET LOW POWER	N
CLC401	5962-8997301	OP AMP, WIDEBAND, FAST SETTLING, HIGH GAIN	N
OP-42	12208	OP AMP, HIGH-SPEED, FAST SETTLING, PRECISION	N
OP-42A	5962-8851301	OP AMP, HIGH-SPEED, FAST SETTLING, PRECISION	N
OP-42B	5962-8851302	OP AMP, HIGH-SPEED, FAST SETTLING, PRECISION	N
OP421B	5962-8855901	OP AMP, QUAD, LOW-POWER	N
OP421C	5962-8855902	OP AMP, QUAD, LOW-POWER	N
MIOP42114	5962-9063801H	OP AMP, POWER	N
MIOP42115	5962-9082801H	OP AMP, POWER	N
MIOP42116	5962-9072301H	OP AMP, POWER	N
4250	7703901	OP AMP	N
OP44A	12207	OP AMP, HIGH-SPEED, PRECISION, JFET	N
OP-470A	5962-8856501	OP AMP, QUAD, VERY LOW NOISE	N
OP-471A	5962-8856502	OP AMP, QUAD, HIGH-SPEED, LOW NOISE	N
OP490A	5962-8967001	OP AMP, QUAD, LOW-VOLTAGE, MICROPOWER	N
OP-50A	5962-8967301	OP AMP, HIGH-OUTPUT-CURRENT	N
OP-50B	5962-8967302	OP AMP, HIGH-OUTPUT-CURRENT	N
OPAS01	5962-8762001	OP AMP, HIGH-POWER	N
HA-5101	5962-8963501	OP AMP, LOW-NOISE	N
HA-5102	5962-8954801	OP AMP, DUAL, LOW-NOISE	N
HA-5104	5962-8850201	OP AMP, QUAD, LOW-NOISE	N
HA-5114	5962-8963401	OP AMP, QUAD, LOW-NOISE UNCOMPENSATED	N
HA-5127	5962-8962701	OP AMP, 7.0 V/ μ S	N
HA-5137	5962-8962702	OP AMP, 14 V/ μ S	N
HA-5141	5962-8965601	OP AMP, LOW-POWER	N
HA-5142	5962-8965602	OP AMP, DUAL, LOW-POWER	N
HA-5144	5962-8965603	OP AMP, QUAD, LOW-POWER	N
HA-5147	5962-8962703	OP AMP, 28 V/ μ S	N
AD524	5962-8853901	INSTRUMENTATION AMPLIFIER, PRECISION	N
AD524S	14301	INSTRUMENTATION AMPLIFIER, PRECISION	N
OPAS41	5962-8870101	OP AMP, HIGH-POWER	N
5539	5962-8606401	OP AMP, ULTRA-HIGH FREQUENCY, EXTERNAL COMPENSATION	T11
592	8418502	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	N
LM604	5962-8963901	OP AMP, MULTIPLEXER, QUAD	N
LM6161	5962-8962101	OP AMP, HIGH-SPEED	N
LM6164	5962-8962401	OP AMP, HIGH-SPEED	N
LM6165	5962-8962501	OP AMP, HIGH-SPEED	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Operational amplifiers 9 - Continued			
AD625	5962-8771901	INSTRUMENTATION AMPLIFIER, PROGRAMMABLE GAIN	N
OP64A	5962-9053501	OP AMP, HIGH-SPEED, WIDE-BANDWIDTH	N
733	8418501	VIDEO AMPLIFIER, TWO-STAGE, DIFFERENTIAL INPUT, DIFFERENTIAL OUTPUT	N
OP-77A	5962-8773802	OP AMP, LOW-OFFSET	N
OP-77B	5962-8773801	OP AMP, LOW-OFFSET	N
PA83M/883	5962-9162101H	OP AMP, POWER	N
PA84M	5962-9073601H	OP AMP, HIGH VOLTAGE	N
OP-97	5962-8954401	OP AMP, LOW-POWER, HIGH PRECISION	N
Comparators 10			
CMP-01	5962-8987101	VOLT. COMPARATOR, FAST PRECISION	N
CMP04B	5962-8990403	VOLT. COMPARATOR, QUAD, LOW-POWER PRECISION	N
LT1016	5962-8684501	VOLT. COMPARATOR, HIGH-SPEED	N
LT1017	5962-8950401	VOLT. COMPARATOR, DUAL	N
LT1018	5962-8950402	VOLT. COMPARATOR, DUAL	N
LM139A	5962-8773901	VOLT. COMPARATOR, QUAD	N
LM160	5962-8767401	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	N
LM161	5962-8757203	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	N
TLC3704M	5962-9096901M	VOLT. COMPARATOR, QUAD DIFFERENTIAL, LOW-POWER	N
TLC372	5962-8765801	VOLT. COMPARATOR, DUAL DIFFERENTIAL	T2
TLC374	5962-8765901	VOLT. COMPARATOR, QUAD DIFFERENTIAL	T4
CMP404A	5962-8990401	VOLT. COMPARATOR, QUAD, LOW-POWER PRECISION	N
CMP404B	5962-8990402	VOLT. COMPARATOR, QUAD, LOW-POWER PRECISION	N
TL514	5962-8687801	VOLT. COMPARATOR, DUAL DIFFERENTIAL	T2
521	5962-8751601	VOLT. COMPARATOR, DUAL DIFFERENTIAL	N
527	5962-8757201	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED, WITH EMITTER-FOLLOWER INPUT	N
529	5962-8757202	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	N
54AC11520	5962-9091602M	MAGNITUDE COMPARATOR, 8-BIT, WITH ENABLE AND PULL-UP RESISTORS	N
54LS682	8415101	MAGNITUDE COMPARATOR, 8-BIT	G18
54LS684	8415201	MAGNITUDE COMPARATOR, 8-BIT	G18
54LS688	8415301	MAGNITUDE COMPARATOR, 8-BIT, WITH OUTPUT ENABLE	G26
6685	8600803	VOLT. COMPARATOR, HIGH-SPEED, OPEN-EMITTER OUTPUT	N
AM6687	7801902	VOLT. COMPARATOR, DUAL	N
685	8600801	VOLT. COMPARATOR, HIGH-SPEED, OPEN-EMITTER OUTPUT	N
685	8600802	VOLT. COMPARATOR, HIGH-SPEED, OPEN-EMITTER OUTPUT	N
AM686	7801801	VOLT. COMPARATOR, HIGH-SPEED	N
AM687	7801901	VOLT. COMPARATOR, DUAL	N
760	5962-8754501	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	N
96685	8600804	VOLT. COMPARATOR, HIGH-SPEED, OPEN-EMITTER OUTPUT	N
AD96687	7801903	VOLT. COMPARATOR, DUAL	N
Regulators 12			
(SEE DWG)	5962-8864601	VOLT. REGULATOR, ADJ., POSITIVE, 2.0A	N
(SEE DWG)	5962-8952101	VOLT. REGULATOR, ADJ., POSITIVE, 5.0A	N
(SEE DWG)	5962-8952001	VOLT. REGULATOR, ADJ., POSITIVE	N
(SEE DWG)	5962-8998101	VOLT. REGULATOR, ADJ., POSITIVE, 1.0A	N
LT1033	5962-8774101	VOLT. REGULATOR, ADJ., NEGATIVE, 3.0A	N
LM104	5962-8760501	VOLT. REGULATOR, ADJ., NEGATIVE	N
LM117HV	7703402	VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	N
LT117A	7703405	VOLT. REGULATOR, ADJ., POSITIVE	N

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Regulators 12 - Continued			
LT117AHV	7703407	VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE	N
SG123	5962-8777501	VOLT. REGULATOR, FIXED, POSITIVE, 5V	N
LM137HV	7703404	VOLT. REGULATOR, ADJ., NEGATIVE, HIGH VOLTAGE	N
LT137A	7703406	VOLT. REGULATOR, ADJ., NEGATIVE	N
LT137AHV	7703408	VOLT. REGULATOR, ADJ., NEGATIVE, HIGH VOLTAGE	N
LM140H-24	10705	VOLT. REGULATOR, FIXED, POSITIVE	T19
LM150A	5962-8767502	VOLT. REGULATOR, ADJ., POSITIVE, 3.0A	N
1524A	5962-8764502	PULSE WIDTH MODULATOR, REGULATING	N
1524B	5962-8764501	PULSE WIDTH MODULATOR, REGULATING	N
UC1525A	5962-8951103	PULSE WIDTH MODULATOR, REGULATING	N
1526A	8551502	PULSE WIDTH MODULATOR, REGULATING	N
UC1527A	5962-8951104	PULSE WIDTH MODULATOR, REGULATING	N
1532	5962-8777001	VOLT. REGULATOR	N
1568	5962-8876301	VOLT. REGULATOR, DUAL, POLARITY TRACKING	N
1568	5962-8876302	VOLT. REGULATOR, DUAL, POLARITY TRACKING, WITH BALANCE ADJUST	N
LM1578	5962-8958601	VOLT. REGULATOR, SWITCHING	N
1825	5962-8768101	PULSE WIDTH MODULATOR CONTROLLER, HIGH SPEED	N
1834	5962-8774201	VOLT. REGULATOR, HIGH EFFICIENCY	N
1842	5962-8670401	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	N
1843	5962-8670402	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	N
1844	5962-8670403	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	N
1845	5962-8670404	PULSE WIDTH MODULATOR CONTROLLER, OFF-LINE CURRENT MODE	N
1847	70202	PULSE WIDTH MODULATOR, CURRENT MODE	N
1847	5962-8680602	PULSE WIDTH MODULATOR, CURRENT MODE	N
LM2940-5.0	5962-8958701	VOLT. REGULATOR, FIXED, POSITIVE, LOW DROPOUT, 5V, 1.0A	N
LP2951	5962-3870501M	VOLT. REGULATOR, ADJ.	N
3517	5962-8764301	MODULATOR/DEMULATOR, CONTINUOUSLY VARIABLE SLOPE DELTA	N
4194	7705401	VOLT. REGULATOR, DUAL TRACKING	N
5560	5962-8672201	POWER SUPPLY CONTROL CIRCUIT, SWITCHED-MODE	T3
7805A	5962-8778201	VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	N
7806A	5962-8962601	VOLT. REGULATOR, FIXED, POSITIVE, 6V, 1.0A	N
7808A	5962-8962801	VOLT. REGULATOR, FIXED, POSITIVE, 8V, 1.0A	N
7812A	5962-8777601	VOLT. REGULATOR, FIXED, POSITIVE, 1.0A	N
7815A	5962-8855301	VOLT. REGULATOR, FIXED, POSITIVE, 15V, 1.0A	N
7824A	5962-8855401	VOLT. REGULATOR, FIXED, POSITIVE, 24V, 1.0 A	N
78M24	10705	VOLT. REGULATOR, FIXED, POSITIVE	T19
78S40	5962-8876101	VOLT. REGULATOR, SWITCHING SUBSYSTEM	N
7924A	5962-8874901	VOLT. REGULATOR, FIXED, NEGATIVE, 24V, 1.0A	N
Drivers/Receivers 13			
(SEE DWG)	5962-8875101	DRIVER/RECEIVER, TRIPLE RS-232, WITH SHUTDOWN AND BIAS	N
(SEE DWG)	5962-8875102	DRIVER/RECEIVER, TRIPLE RS-232	N
MOH0268D	5962-8858101	BUS DRIVER, HEX NTDS	N
MOH0272C	5962-8858201	LINE RECEIVER, HEX NTDS	N
10H515	5962-8750101	LINE RECEIVER, QUAD DIFFERENTIAL	T4
10516	7800901	LINE RECEIVER, TRIPLE DIFFERENTIAL, WITH COMMON RESET	N
10H516	5962-8750201	LINE RECEIVER, TRIPLE	T4
LT1080	5962-8766601	BUS TRANSCEIVER, DUAL RS232, WITH SHUTDOWN	N
LT1081	5962-8766602	BUS TRANSCEIVER, DUAL RS232	N
MOF1305D	5962-8858301	NTDS FAST DRIVER, HEX	N
NHI-1500	5962-8757905	BUS TRANSCEIVER, DUAL CHANNEL, LOW-POWER	N
NHI-1501	5962-8944702H	DRIVER-RECEIVER, DUAL CHANNEL, RECEIVER IDLE NORMALLY HIGH	N

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Drivers/Receivers 13 - Continued			
NHI-1502	5962-8982603	DRIVER-RECEIVER, DUAL CHANNEL, LOW-POWER	N
NHI-1523	5962-8982604	DRIVER-RECEIVER, DUAL CHANNEL, LOW-POWER	N
NHI-1529	5962-8952203	BUS TRANSCEIVER, DUAL CHANNEL, MIL-STD-1553, 5V	N
NHI-1531	5962-9082905H	DRIVER-RECEIVER, SINGLE CHANNEL (RECEIVER IDLE NORMALLY LOW)	N
NHI-1545	5962-9082906H	DRIVER-RECEIVER, SINGLE CHANNEL (RECEIVER IDLE NORMALLY HIGH)	N
FC1553622	5962-8944703H	DRIVER-RECEIVER, DUAL CHANNEL, RECEIVER IDLE NORMALLY HIGH	N
FC1553623	5962-8757906	BUS TRANSCEIVER, DUAL CHANNEL, LOW-POWER	N
FC155371	5962-9082901H	DRIVER-RECEIVER, SINGLE CHANNEL (RECEIVER IDLE NORMALLY LOW)	N
FC155372	5962-9082902H	DRIVER-RECEIVER, SINGLE CHANNEL (RECEIVER IDLE NORMALLY HIGH)	N
FC1553721	5962-8982605	DRIVER-RECEIVER, DUAL CHANNEL, LOW-POWER	N
FC155391	5962-8979901	DRIVER-RECEIVER, LOW POWER	N
FC155392	5962-8979902	DRIVER-RECEIVER, LOW POWER	N
CT1589D	5962-8982606	DRIVER-RECEIVER, DUAL CHANNEL, LOW-POWER	N
CT1589M	5962-9082907H	DRIVER-RECEIVER, SINGLE CHANNEL (RECEIVER IDLE NORMALLY LOW)	N
CT1589MI	5962-9082908H	DRIVER-RECEIVER, SINGLE CHANNEL (RECEIVER IDLE NORMALLY HIGH)	N
MOR1623K	5962-8858401	RECEIVER, QUAD NTDS FAST/ANEW	N
SG1626	5962-8871601	DRIVER, DUAL HIGH-SPEED INVERTING	N
DS1631	5962-8863101	PERIPHERAL DRIVER, DUAL AND, CMOS COMPATIBLE, WITH OPEN COLLECTOR OUTPUTS	N
DS1634	5962-8982101	PERIPHERAL DRIVER, DUAL NOR, CMOS-COMPATIBLE, OPEN-COLLECTOR OUTPUTS	N
DS16F95	5962-8961501	BUS TRANSCEIVER, DIFFERENTIAL RS-485	N
UC1706	5962-8961101	OUTPUT DRIVER, DUAL	N
UC1707	5962-8761901	POWER DRIVER, DUAL-CHANNEL	N
ARX2411	5962-8757903	BUS TRANSCEIVER, DUAL CHANNEL, LOW-POWER	N
2453	5962-8952202	BUS TRANSCEIVER, DUAL CHANNEL, MIL-STD-1553, 5V	N
CT2521	5962-8952205	BUS TRANSCEIVER, DUAL CHANNEL, MIL-STD-1553, 5V	N
26LS29	5962-8767001	LINE DRIVER, QUAD RS423, WITH THREE-STATE OUTPUTS	N
26LS30	5962-8672101	LINE DRIVER, DUAL DIFFERENTIAL RS-422 PARTY LINE/QUAD SINGLE ENDED RS-423	G8
26F31	5962-7802302M	LINE DRIVER, QUAD DIFFERENTIAL, HIGH SPEED	N
26LS31	5962-7802301M	LINE DRIVER, QUAD DIFFERENTIAL, HIGH SPEED	N
26F32	5962-7802005M	LINE RECEIVER, QUAD DIFFERENTIAL	N
26LS32	5962-7802001M	LINE RECEIVER, QUAD DIFFERENTIAL	G5
26LS32B	5962-8761601	LINE RECEIVER, QUAD DIFFERENTIAL	N
26LS33	5962-7802002M	LINE RECEIVER, QUAD DIFFERENTIAL	G5
26LS34	5962-8759601	LINE RECEIVER, QUAD DIFFERENTIAL	N
2681	5962-8856601	RECEIVER/TRANSMITTER, DUAL ASYNCHRONOUS	N
2681	5962-8856602	RECEIVER/TRANSMITTER, DUAL ASYNCHRONOUS, WITH 7-BIT INPUT AND 8-BIT OUTPUT PORTS	N
2907	5962-8770701	BUS TRANSCEIVER, QUAD, WITH INTERFACE LOGIC AND 2.0V INPUT RECEIVER THRESHOLD	G61
2917A	5962-8671401	BUS TRANSCEIVER, QUAD, WITH INTERFACE LOGIC AND THREE-STATE OUTPUTS	G77
2947	5962-8672301	BUS TRANSCEIVER, OCTAL BIDIRECTIONAL, WITH NONINVERTING THREE-STATE OUTPUTS	G18
2952A	5962-8777201	REGISTERED TRANSCEIVER, BIDIRECTIONAL I/O PORTS, NONINVERTING, 8-BIT	N

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate. bit, transistor count 1/
Drivers/Receivers 13 - Continued			
2965	5962-8670701	DYNAMIC MEMORY DRIVER, OCTAL, WITH THREE-STATE OUTPUTS AND INVERTING DRIVERS	G10
2966	5962-8670702	DYNAMIC MEMORY DRIVER, OCTAL, WITH THREE-STATE OUTPUTS AND NONINVERTING DRIVERS	G10
UDS2981	5962-8851901	SOURCE DRIVER, HIGH CURRENT	N
UDS2983	5962-8851902	SOURCE DRIVER, HIGH CURRENT	N
AM29833A	5962-9051301	BUS TRANSCEIVER, PARITY, WITH REGISTER OPTION	N
29C853	5962-8857301	BUS TRANSCEIVER, HIGH PERFORMANCE CMOS PARITY, WITH PARITY LOGIC DEFAULT	N
AM29853A	5962-9051302	BUS TRANSCEIVER, PARITY, WITH LATCH OPTION	N
29C855	5962-8857302	BUS TRANSCEIVER, HIGH PERFORMANCE CMOS PARITY	N
AM29855A	5962-9051303	BUS TRANSCEIVER, PARITY	N
29861A	5962-8860401	BUS TRANSCEIVER, 10-BIT BIDIRECTIONAL, WITH THREE-STATE OUTPUTS	G22
29C861	5962-8770401	BUS TRANSCEIVER, 10-BIT, HIGH PERFORMANCE	G22
29863A	5962-8860402	BUS TRANSCEIVER, 9-BIT BIDIRECTIONAL, WITH THREE-STATE OUTPUTS	G20
29C863	5962-8770402	BUS TRANSCEIVER, 9-BIT, HIGH PERFORMANCE	G20
29C961	5962-8770403	BUS TRANSCEIVER, 10-BIT, HIGH PERFORMANCE	G22
29C963	5962-8770404	BUS TRANSCEIVER, 9-BIT, HIGH PERFORMANCE	G20
RM3182	5962-8687901	LINE DRIVER, ARINC BUS INTERFACE	N
3231	5962-8959201	DRIVER-RECEIVER, SINGLE CHANNEL (MIL-STD-1553 A AND B), RECEIVER STANDBY HIGH	N
3231	5962-8959203	DRIVER-RECEIVER, SINGLE CHANNEL (MIL-STD-1553 A AND B), RECEIVER STANDBY HIGH	N
3232	5962-8959202	DRIVER-RECEIVER, SINGLE CHANNEL (UNIVERSAL TRANSCEIVER), RECEIVER STANDBY HIGH	N
3232	5962-8959204	DRIVER-RECEIVER, SINGLE CHANNEL (UNIVERSAL TRANSCEIVER), RECEIVER STANDBY HIGH	N
ARX3411	5962-8757904	BUS TRANSCEIVER, DUAL CHANNEL, LOW-POWER	N
ARX3416	5962-8944701H	DRIVER-RECEIVER, DUAL CHANNEL, RECEIVER IDLE NORMALLY HIGH	N
ARX3419	5962-8982602	DRIVER-RECEIVER, DUAL CHANNEL, LOW-POWER	N
ARX3420	5962-9082903H	DRIVER-RECEIVER, SINGLE CHANNEL (RECEIVER IDLE NORMALLY LOW)	N
ARX3424	5962-9082904H	DRIVER-RECEIVER, SINGLE CHANNEL (RECEIVER IDLE NORMALLY HIGH)	N
ARX3464	5962-8959206	DRIVER-RECEIVER, SINGLE CHANNEL (UNIVERSAL TRANSCEIVER), RECEIVER STANDBY LOW	N
ARX3467	5962-8959205	DRIVER-RECEIVER, SINGLE CHANNEL (MIL-STD-1553 A AND B), RECEIVER STANDBY LOW	N
TSC426	5962-8850301	DRIVER, DUAL POWER MOSFET	N
TSC427	5962-8850302	DRIVER, DUAL POWER MOSFET	N
TSC428	5962-8850303	DRIVER, DUAL POWER MOSFET	N
TSC429	5962-8877001	DRIVER, INVERTING POWER MOSFET	N
UH-432	5962-8960401	POWER DRIVER, NOR, QUAD 2-INPUT, 40V	N
UH-432-1	5962-8960402	POWER DRIVER, NOR, QUAD 2-INPUT, 70V	N
TSC4420	5962-8877003	DRIVER, NONINVERTING POWER MOSFET	N
TSC4423	5962-8850304	DRIVER, DUAL HIGH-POWER MOSFET	N
TSC4424	5962-8850305	DRIVER, DUAL HIGH-POWER MOSFET	N
TSC4425	5962-8850306	DRIVER, DUAL HIGH-POWER MOSFET	N
TSC4426	5962-8850307	DRIVER, DUAL POWER MOSFET, WITH LATCH PROOF OUTPUTS FOR INDUCTIVE LOADS	N

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Drivers/Receivers 13 - Continued			
TSC4427	5962-8850308	DRIVER, DUAL POWER MOSFET, WITH LATCH PROOF OUTPUTS FOR INDUCTIVE LOADS	N
TSC4428	5962-8850309	DRIVER, DUAL POWER MOSFET, WITH LATCH PROOF OUTPUTS FOR INDUCTIVE LOADS	N
TSC4429	5962-8877002	DRIVER, INVERTING POWER MOSFET	N
UH502	5962-8856401	OR DRIVER, QUAD 2-INPUT, HIGH-OUTPUT VOLTAGE AND CURRENT	N
UH503	5962-8855101	POWER DRIVER, OR, QUAD 2-INPUT	N
UH-507	5962-8986701	NAND DRIVER, QUAD, HIGH-OUTPUT VOLTAGE AND CURRENT	N
UH-508	8550001	POWER DRIVER, AND, QUAD 2-INPUT	G14
UH-532	5962-8960403	POWER DRIVER, NOR, QUAD 2-INPUT, 100V	N
54ALS1245A	5962-8873701	BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS	N
54BCT2240	5962-9093901M	BUFFER/LINE DRIVER/MOS DRIVER, OCTAL WITH INVERTED THREE-STATE OUTPUTS	N
54BCT2244	5962-9074101M	BUFFER/LINE/MOS DRIVER, OCTAL, WITH THREE-STATE OUTPUTS	N
54ACT240	5962-8775901	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	N
54BCT241	5962-9074301M	BUFFER/LINE DRIVE, OCTAL, WITH THREE-STATE OUTPUTS	N
54ALS242B	38506	BUS TRANSCEIVER, QUAD, WITH THREE-STATE OUTPUTS	G10
54ALS242B	8401301	BUS TRANSCEIVER, QUAD, WITH THREE-STATE OUTPUTS	G10
54F242	34801	BUS TRANSCEIVER, QUAD INVERTING, WITH THREE-STATE OUTPUTS	G10
54HC242	65501	BUS TRANSCEIVER, QUAD INVERTING, WITH THREE-STATE OUTPUTS	N
54ALS243A	38507	BUS TRANSCEIVER, QUAD, WITH THREE-STATE OUTPUTS	G10
54ALS243A	8401302	BUS TRANSCEIVER, QUAD, WITH THREE-STATE OUTPUTS	G10
54HC243	65502	BUS TRANSCEIVER, QUAD BIDIRECTIONAL, WITH THREE-STATE OUTPUTS	N
54HC243	8409001	BUS TRANSCEIVER, QUAD BIDIRECTIONAL, WITH THREE-STATE OUTPUTS	N
54BCT244	5962-9082501M	LINE DRIVER, OCTAL, WITH THREE-STATE OUTPUTS	N
54ACT245	5962-8766301	BUS TRANSCEIVER, OCTAL BIDIRECTIONAL, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	G18
54ALS245A	8403001	BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS	N
54BCT245	5962-9051401M	BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS	N
54FCT245	5962-8762901	BUS TRANSCEIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	G18
54FCT245A	5962-8762902	BUS TRANSCEIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	G18
54BCT2827A	5962-9074401M	BUS/MOS MEMORY DRIVER, 10-BIT, WITH THREE-STATE OUTPUTS	N
54BCT2828A	5962-9074501M	BUS/MOS MEMORY DRIVER, 10-BIT, WITH INVERTED 3-STATE OUTPUTS	N
54F30245	5962-8972201	TRANSMISSION LINE/BACKPLANE TRANSCEIVER, OCTAL 30-OHM, NONINVERTING	N
54F3037	5962-9056501	NAND DRIVER, QUAD 2-INPUT, 30 OHM	N
54HC366	65707	BUFFER/DRIVER, HEX, INVERTING, WITH COMMON ENABLES AND THREE-STATE OUTPUTS	G20
54HC366	5962-8682801	BUFFER/DRIVER, HEX, INVERTING, WITH COMMON ENABLES AND THREE-STATE OUTPUTS	G20
54HCT367	5962-9070601M	BUFFER/LINE DRIVER, HEX, NONINVERTING, THREE-STATE, TTL-COMPATIBLE INPUTS	N
54BCT520A	5962-9075001M	BUS TRANSCEIVER, OCTAL, WITH INVERTING OUTPUTS	N
54AC540	75710	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	G9
54AC540	5962-8769501	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	G9

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Drivers/Receivers 13 - Continued			
548CT540	5962-9074801M	LINE DRIVER, OCTAL, WITH INVERTING THREE-STATE OUTPUTS	N
548CT541	5962-9074901M	LINE DRIVER, OCTAL WITH NONINVERTING THREE-STATE OUTPUTS	N
548CT543	5962-9087001M	BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS	N
54FCT543	5962-8973001	TRANSCEIVER, 8-BIT OCTAL LATCHED, NONINVERTING, WITH TS OUTPUTS, TTL-COMPATIBLE	N
54FCT543A	5962-8973002	TRANSCEIVER, 8-BIT OCTAL LATCHED, NONINVERTING, WITH TS OUTPUTS, TTL-COMPATIBLE	N
548CT544	5962-9155401M	REGISTERED TRANSCEIVERS, OCTAL, WITH THREE-STATE OUTPUTS	N
54F544	5962-8955501	BUS TRANSCEIVER, OCTAL, WITH REGISTERS	N
548CT620A	5962-9075001M	BUS TRANSCEIVER, OCTAL, WITH INVERTING OUTPUTS	N
54F620	5962-8946601	BUS TRANSCEIVER, OCTAL, WITH THREE-STATE INVERTING OUTPUTS	N
54F621	5962-9050602	BUS TRANSCEIVER, OCTAL, WITH OPEN-COLLECTOR NONINVERTING OUTPUTS	N
54AC523	75505	BUS TRANSCEIVER, OCTAL NONINVERTING, WITH THREE-STATE OUTPUTS	N
548CT623	5962-9094001M	BUS TRANSCEIVER, OCTAL	N
54F623	5962-9050601	BUS TRANSCEIVER, OCTAL, WITH THREE-STATE NONINVERTING OUTPUTS	N
54HC623	5962-8998901	BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS	N
54AC640	75506	BUS TRANSCEIVER, OCTAL BIDIRECTIONAL, WITH THREE-STATE OUTPUTS	N
54ALS640A	38501	BUS TRANSCEIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	G18
54ALS640A	5962-8872701	BUS TRANSCEIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	G18
548CT640	5962-9075201M	BUS TRANSCEIVER, OCTAL, INVERTING OUTPUTS	N
54FCT640	5962-8865401	BUS TRANSCEIVER, OCTAL, BIDIRECTIONAL INVERTING, TTL-COMPATIBLE	N
54FCT640A	5962-8865402	BUS TRANSCEIVER, OCTAL, BIDIRECTIONAL INVERTING, TTL-COMPATIBLE	N
54HC640	65506	BUS TRANSCEIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	N
54HC640	5962-8780901	BUS TRANSCEIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	N
54HCT640	5962-8974001	BUS TRANSCEIVER, OCTAL, INVERTING, 3-STATE TTL COMPATIBLE INPUTS	N
54LS640	8416101	BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS	N
54ALS641	38502	BUS TRANSCEIVER, OCTAL, WITH OPEN-COLLECTOR OUTPUTS	G18
54ALS642	38503	BUS TRANSCEIVER, OCTAL, WITH OPEN-COLLECTOR OUTPUTS	G18
54LS642	5962-8974801	BUS TRANSCEIVER, OCTAL, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	N
54AC643	75507	BUS TRANSCEIVER, OCTAL BIDIRECTIONAL, WITH THREE-STATE OUTPUTS	N
54ALS643	38504	BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS	G18
54HC643	65507	BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS	N
54FCT645	5962-8865301	BUS TRANSCEIVER, 8-BIT NONINVERTING	N
54FCT645A	5962-8865302	BUS TRANSCEIVER, OCTAL, NONINVERTING	N
54AC646	75508	TRANSCEIVER/REGISTER, OCTAL, WITH THREE-STATE OUTPUTS	N
54AC646	5962-8968201	TRANSCEIVER/REGISTER, OCTAL, WITH THREE-STATE OUTPUTS	N
54ALS646	5962-8995601	BUS TRANSCEIVER/REGISTER, OCTAL NONINVERTING, WITH THREE-STATE OUTPUTS	N
548CT646	5962-9155501M	BUS TRANSCEIVER/REGISTERS, OCTAL, WITH THREE-STATE OUTPUTS	N

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Drivers/Receivers 13 - Continued			
54F646	5962-8975401	BUS TRANSCEIVER/REGISTER	N
54FCT646	5962-8877501	BUS TRANSCEIVER/RECEIVER, OCTAL, WITH THREE-STATE OUTPUTS	N
54FCT646A	5962-8877502	BUS TRANSCEIVER/RECEIVER, OCTAL, WITH THREE-STATE OUTPUTS	N
54HC646	65508	BUS TRANSCEIVER/REGISTER, OCTAL, WITH THREE-STATE OUTPUTS	G306
54HC646	5962-8688501	BUS TRANSCEIVER/REGISTER, OCTAL, WITH THREE-STATE OUTPUTS	G306
54LS646	32804	BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS	N
54AC648	75509	BUS TRANSCEIVER/REGISTER, OCTAL, WITH THREE-STATE OUTPUTS	N
54ALS648	5962-9052301	BUS TRANSCEIVER/REGISTER, OCTAL INVERTING, WITH THREE-STATE OUTPUTS	N
54F648	5962-8975402	BUS TRANSCEIVER/REGISTER, INVERTED	N
54HC648	65509	BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS	N
54LS648	32805	BUS TRANSCEIVER, OCTAL, WITH REGISTERS	N
54ALS652	5962-8867301	BUS TRANSCEIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	N
54BCT652	5962-9155301M	BUS TRANSCEIVER/REGISTER, OCTAL, WITH THREE-STATE OUTPUTS	N
54F652	5962-8955801	TRANSCEIVER/REGISTER, OCTAL, WITH THREE-STATE OUTPUTS	N
54ALS653	5962-8968701	BUS TRANSCEIVER/REGISTER, OCTAL INVERTING, WITH 3-STATE AND OPEN-COLLECTOR OUTPUT	N
54F657	5962-8953501	BUS TRANSCEIVER, OCTAL BIDIRECTIONAL, WITH 8-BIT PARITY GENERATOR/CHECKER	N
54BCT760	5962-9093801M	BUFFER/DRIVER, OCTAL, WITH OPEN COLLECTOR OUTPUTS	N
54F776	5962-8870701	PI-BUS TRANSCEIVER, OCTAL, BIDIRECTIONAL LATCHED	N
54ALS804	5962-8869301	BUFFER/DRIVER, NAND, HEX 2-INPUT	N
54ALS805A	5962-8869401	BUFFER/DRIVER, NOR, HEX 2-INPUT	N
54ALS808	5962-8869501	BUFFER/DRIVER, AND, HEX 2-INPUT	N
54FCT827A	5962-8950601	BUS DRIVER, 10-BIT, NONINVERTING	N
54FCT827B	5962-8950602	BUS DRIVER, 10-BIT, NONINVERTING	N
54ALS832	8414501	BUFFER/DRIVER, OR, HEX 2-INPUT	G6
54FCT833A	5962-8973101	BUS TRANSCEIVER, 8-BIT, WITH PARITY, TTL-COMPATIBLE	N
54FCT833B	5962-8973102	BUS TRANSCEIVER, 8-BIT, WITH PARITY, TTL-COMPATIBLE	N
54FCT861A	5962-8953301	BUS TRANSCEIVER, 10-BIT NONINVERTING, TTL-COMPATIBLE	N
54FCT861B	5962-8953302	BUS TRANSCEIVER, 10-BIT NONINVERTING, TTL-COMPATIBLE	N
54FCT863A	5962-8866101	BUS TRANSCEIVER, 9-BIT, NONINVERTING	N
54FCT863B	5962-8866102	BUS TRANSCEIVER, 9-BIT, NONINVERTING	N
55ALS056	5962-9062801	BUS TRANSCEIVER, INTERFACE, TRAPEZOIDAL-WAVEFORM	N
55ALS057	5962-9062901	BUS TRANSCEIVER, INTERFACE, TRAPEZOIDAL-WAVEFORM	N
55110A	5962-8754701	LINE DRIVER, DUAL	T8
55113	5962-8874401	LINE DRIVER, DUAL DIFFERENTIAL	N
55115	5962-8874501	LINE RECEIVER, DUAL DIFFERENTIAL	N
55116	5962-8851101	LINE TRANSCEIVER, DIFFERENTIAL, WITH THREE-STATE RECEIVER OUTPUT CIRCUITRY	N
55117	5962-8851102	LINE TRANSCEIVER, DIFFERENTIAL, WITH THREE-STATE RECEIVER OUTPUT CIRCUITRY	N
55118	5962-8851103	LINE TRANSCEIVER, DIFFERENTIAL, WITH THREE-STATE RECEIVER OUTPUT CIRCUITRY	N
55119	5962-8851104	LINE TRANSCEIVER, DIFFERENTIAL, WITH THREE-STATE RECEIVER OUTPUT CIRCUITRY	N
55121	5962-8776901	LINE DRIVER, DUAL	G6
55ALS160	5962-8968001	BUS TRANSCEIVER, OCTAL, GENERAL PURPOSE INTERFACE	N

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Drivers/Receivers 13 - Continued			
55ALS161	5962-8968101	BUS TRANSCEIVER, OCTAL GENERAL PURPOSE INTERFACE	N
55188	5962-8688901	LINE DRIVER, QUAD	T4
55189A	5962-8688802	LINE RECEIVER, QUAD	T3
55ALS194	5962-8864801	LINE DRIVER, QUAD DIFFERENTIAL, WITH THREE-STATE OUTPUTS	N
55ALS195	5962-8864901	LINE RECEIVER, QUAD DIFFERENTIAL, WITH THREE-STATE OUTPUTS	N
55464	12910	PERIPHERAL DRIVER, DUAL NOR	N
55464	5962-8871502	PERIPHERAL DRIVER, DUAL NOR	N
55474	5962-8871503	PERIPHERAL DRIVER, DUAL NOR	N
55500	8601801	DISPLAY DRIVER, AC PLASMA (LINE SELECT)	N
55501	8601802	DISPLAY DRIVER, AC PLASMA (MATRIX-ADDRESSABLE)	N
UCS-5800	5962-8764002	DRIVER, 4-BIT LATCHED	N
UCS-5801	5962-8764001	DRIVER, 8-BIT LATCHED	N
UCS5822	5962-8764101	LATCHED DRIVER, 8-BIT, SERIAL-INPUT, 100V OUTPUT	N
UT63M105	5962-8864401	BUS TRANSCEIVER	N
UT63M107	5962-8864402	BUS TRANSCEIVER	N
UT63M115	5962-8864403	BUS TRANSCEIVER	N
UT63M117	5962-8864404	BUS TRANSCEIVER	N
BUS-6312511	5962-8757902	BUS TRANSCEIVER, DUAL CHANNEL, LOW-POWER	N
MR63125MFR	5962-8757908	DRIVER-RECEIVER, DUAL CHANNEL, LOW-POWER	N
MR63125MPR	5962-8757908	DRIVER-RECEIVER, DUAL CHANNEL, LOW-POWER	N
UT63M125	5962-8864405	BUS TRANSCEIVER, DUAL	N
BUS-6312711	5962-8982601	DRIVER-RECEIVER, DUAL CHANNEL, LOW-POWER	N
UT63M127	5962-8864406	BUS TRANSCEIVER, DUAL	N
BUS-6312811	5962-8982601	DRIVER-RECEIVER, DUAL CHANNEL, LOW-POWER	N
BUS6313511	5962-8944704H	DRIVER-RECEIVER, DUAL CHANNEL, RECEIVER IDLE NORMALLY HIGH	N
UT63M135	5962-8864407	BUS TRANSCEIVER, DUAL	N
BUS6313611	5962-8944704H	DRIVER-RECEIVER, DUAL CHANNEL, RECEIVER IDLE NORMALLY HIGH	N
UT63M137	5962-8864408	BUS TRANSCEIVER, DUAL	N
BUS-63147	5962-8952201	BUS TRANSCEIVER, DUAL CHANNEL, MIL-STD-1553, 5V	N
BUS-63148	5962-8952204	BUS TRANSCEIVER, DUAL CHANNEL, MIL-STD-1553, 5V	N
HD-6402B	5962-9052502M	RECEIVER TRANSMITTER, UNIVERSAL ASYNCHRONOUS, 8.0 MHZ	N
HD-6402R	5962-9052501M	RECEIVER TRANSMITTER, UNIVERSAL ASYNCHRONOUS, 2.0 MHZ	N
BUS-65111	5962-8763201	REMOTE TERMINAL UNIT, LOW POWER, DUAL, REDUNDANT	N
BUS-65600	5962-8858501	BUS CONTROLLER, DUAL REDUNDANT, RTU	N
68681	5962-8856603	RECEIVER/TRANSMITTER, DUAL ASYNCHRONOUS	N
68C681	5962-8953203	RECEIVER/TRANSMITTER, DUAL ASYNCHRONOUS	N
ICL7667	5962-8766001	DRIVER, MOSFET, DUAL POWER	T2
78C120	5962-8963001	LINE DRIVER, DUAL DIFFERENTIAL, CMOS-COMPATIBLE	N
7831	10406	LINE DRIVER/RECEIVER, DUAL DIFFERENTIAL, W/OUTPUT DIODE CLAMPING	G60
7832	10407	LINE DRIVER/RECEIVER, DUAL DIFFERENTIAL	G60
82C82	8406701	BUS DRIVER, LATCHING, OCTAL	N
82C83	8406702	BUS DRIVER, LATCHING INVERTING, OCTAL	N
82C84A	8406801	CLOCK GENERATOR/DRIVER, 25 MHZ	N
8286	5962-8686801	BUS TRANSCEIVER, OCTAL, NONINVERTING	G18
82C86H-5	5962-8757701	BUS TRANSCEIVER, OCTAL	T18
8287	5962-8686802	BUS TRANSCEIVER, OCTAL, INVERTING	G18
82C87H-5	5962-8757702	BUS TRANSCEIVER, OCTAL, INVERTING	T18
88C681	5962-8953201	BUS TRANSCEIVER, DUAL ASYNCHRONOUS	N
88C681	5962-8953202	BUS TRANSCEIVER, DUAL ASYNCHRONOUS	N
96F172	5962-9076501M	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE	N

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Drivers/Receivers 13 - Continued			
96F173	5962-9076602M	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	N
96F174	5962-9076502M	LINE DRIVER, QUAD DIFFERENTIAL, RS-485 COMPARABLE	N
96F175	5962-9076601M	LINE RECEIVER, QUAD DIFFERENTIAL, RS-485	N
9636A	5962-8752301	LINE RECEIVER, DUAL DIFFERENTIAL, PROGRAMMABLE SLEW RATE	N
9637A	5962-8752401	LINE RECEIVER, DUAL DIFFERENTIAL	N
9638	5962-8754601	LINE DRIVER, DUAL DIFFERENTIAL, HIGH-SPEED	T2
Timers 14			
555LV	14905	TIMER, LOW-POWER PRECISION	N
TLC555	14901	TIMER, PRECISION	N
TLC555	5962-8950301	TIMER, PRECISION	N
TLC556	14902	TIMER, DUAL PRECISION	N
TLC556	5962-8950302	TIMER, DUAL PRECISION	N
7555	14903	TIMER, LOW-POWER PRECISION	N
7555	5962-8950303	TIMER, LOW-POWER PRECISION	N
7556	14904	TIMER, DUAL, LOW-POWER PRECISION	N
7556	5962-8950304	TIMER, DUAL, LOW-POWER PRECISION	N
Core Drivers 15			
55327	13003	MEMORY CORE DRIVER, QUAD	G32
D/A converters 16			
(SEE DWG)	5962-8877801	D/A CONVERTER, 12-BIT BUFFERED MULTIPLYING	N
(SEE DWG)	5962-8877802	D/A CONVERTER, 12-BIT BUFFERED MULTIPLYING	N
DAC02310-112	5962-8851701	D/A CONVERTER, 14-BIT, DEGLITCHED, $\pm 0.012\%$ FSR	N
DAC02310-113	5962-8851702	D/A CONVERTER, 14-BIT, DEGLITCHED, $\pm 0.006\%$ FSR	N
DAC08	5962-8993201	D/A CONVERTER, 8-BIT, HIGH-SPEED MULTIPLYING	N
BT102	5962-8965301	D/A CONVERTER, 8-BIT VIDEO	N
MN3290T/B-V	5962-8953103H	D/A CONVERTER, 16-BIT, 0 TO +10V OUTPUT	N
MN3291T/B-V	5962-8953104H	D/A CONVERTER, 16-BIT, $\pm 5V$ OUTPUT	N
BT458	5962-8992801	D/A CONVERTER, TRIPLE 8-BIT, WITH 256X24 COLOR PALETTE	N
AD558T	14401	D/A CONVERTER, 8-BIT, WITH FULL MICROPROCESSOR INTERFACE	N
AD558T	5962-8778902	D/A CONVERTER, 8-BIT, WITH FULL MICROPROCESSOR INTERFACE	N
563	12102	D/A CONVERTER, 12-BIT, INTERNAL REFERENCE, 2 MA FS	N
563	8100802	D/A CONVERTER, 12-BIT, INTERNAL REFERENCE, 2 MA FS	N
566	12104	D/A CONVERTER, 12-BIT	N
AD567S	5962-8780101	D/A CONVERTER, 12-BIT CURRENT OUTPUT, MICROPROCESSOR-COMPATIBLE	N
AD667S	5962-8865901	D/A CONVERTER, 12-BIT, VOLTAGE OUTPUT, MICROPROCESSOR COMPATIBLE	N
DAC703	5962-8856301	D/A CONVERTER, 16-BIT	N
7226	5962-8780201	D/A CONVERTER, QUAD 8-BIT, WITH OUTPUT AMPLIFIERS	N
7228T	5962-8866301	D/A CONVERTER, 8-BIT, VOLTAGE-MODE	N
7228U	5962-8866302	D/A CONVERTER, 8-BIT, VOLTAGE-MODE	N
7523	12701	D/A CONVERTER, 8-BIT	N
7524	5962-8770001	D/A CONVERTER, 8-BIT MULTIPLYING BUFFERED, WITH .5 LSB	N
7524	5962-8770002	D/A CONVERTER, 8-BIT, MULTIPLYING BUFFERED, WITH .25 LSB	N
7524	5962-8770003	D/A CONVERTER, 8-BIT MULTIPLYING BUFFERED, WITH .125 LSB	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count $\sqrt{}$
D/A converters 16 - Continued			
7528	5962-8770102	D/A CONVERTER. DUAL 8-BIT BUFFERED. ± 2 LSB'S OF GAIN ERROR	N
7528	5962-8770103	D/A CONVERTER. DUAL 8-BIT BUFFERED. ± 1 LSB'S OF GAIN ERROR	N
7528	5962-8770101	D/A CONVERTER. DUAL 8-BIT BUFFERED. ± 4 LSB'S OF GAIN ERROR	N
7537S	5962-8776301	D/A CONVERTER. DUAL 12-BIT. 8 + 4 LOADING STRUCTURE. 11-BIT LINEARITY	N
7537T	5962-8776302	D/A CONVERTER. DUAL 12-BIT. 8 + 4 LOADING STRUCTURE. 12-BIT LINEARITY	N
7537U	5962-8776303	D/A CONVERTER. DUAL 12-BIT. 8 + 4 LOADING STRUCTURE. 12-BIT LINEARITY	N
7541	12704	D/A CONVERTER. 12-BIT MULTIPLYING	N
AD7541AS	5962-8948101	D/A CONVERTER. 12-BIT MULTIPLYING	N
AD7541AT	5962-8948102	D/A CONVERTER. 12-BIT MULTIPLYING	N
PM7541AA	5962-8948104	D/A CONVERTER. 12-BIT MULTIPLYING	N
PM7541AB	5962-8948103	D/A CONVERTER. 12-BIT MULTIPLYING	N
7545A	5962-8770206	D/A CONVERTER. 12-BIT BUFFERED	N
7545B	5962-8770205	D/A CONVERTER. 12-BIT BUFFERED	N
7545G	5962-8770204	D/A CONVERTER. 12-BIT BUFFERED	N
7545S	5962-8770201	D/A CONVERTER. 12-BIT BUFFERED	N
7545T	5962-8770202	D/A CONVERTER. 12-BIT BUFFERED	N
7545U	5962-8770203	D/A CONVERTER. 12-BIT BUFFERED	N
7547S	5962-8965701	D/A CONVERTER. 12-BIT DUAL	N
7547U	5962-8965703	D/A CONVERTER. 12-BIT DUAL	N
7549S	5962-8876501	D/A CONVERTER. DUAL 12-BIT. ± 1.0 LSB	N
7549T	5962-8876502	D/A CONVERTER. DUAL 12-BIT. ± 0.5 LSB	N
AD767	5962-8961701	D/A CONVERTER. 12-BIT	N
AD7846	5962-8969701	D/A CONVERTER. 16-BIT VOLTAGE OUTPUT	N
DAC8221A	5962-8967101	D/A CONVERTER. DUAL 12-BIT BUFFERED MULTIPLYING	N
DAC8222A	5962-8967201	D/A CONVERTER. DUAL 12-BIT DOUBLE-BUFFERED MULTIPLYING	N
DAC-8408A	5962-8967801	D/A CONVERTER. QUAD 8-BIT MULTIPLYING. WITH MEMORY	N
DAC-8408B	5962-8967802	D/A CONVERTER. QUAD 8-BIT MULTIPLYING. WITH MEMORY	N
HS9324	5962-8862901	D/A CONVERTER. QUAD 12-BIT	N
A/D converters 17			
ADC00300	5962-8854201	A/D CONVERTER. 12-BIT. TRACK/HOLD	N
TDC1046	5962-8778601	A/D CONVERTER. 6-BIT FLASH	N
TDC1048	5962-8760001	A/D CONVERTER. 8-BIT	N
TDC1049	5962-8853201	A/D CONVERTER. 9-BIT	N
HS1068	5962-8877601	A/D CONVERTER. 8-BIT FLASH	N
SP1078B	5962-8997901	A/D CONVERTER. 8-BIT. FLASH	N
CS5012	5962-8967901	A/D CONVERTER. 12-BIT	N
CS5014-S	5962-8967401	A/D CONVERTER. 14-BIT. 14.25 μ S	N
CS5014-T	5962-8967402	A/D CONVERTER. 14-BIT. 14.25 μ S	N
CS5015-S	5962-8967601	A/D CONVERTER. 16-BIT. 16.25 μ S	N
CS5016-T	5962-8967602	A/D CONVERTER. 16-BIT. 16.25 μ S	N
5207	12008	A/D CONVERTER. 12-BIT	N
5217	12016	A/D CONVERTER. 12-BIT	N
MNS290	5962-8956301H	A/D CONVERTER. 16-BIT RESOLUTION	N
MNS291	5962-8956302H	A/D CONVERTER. 16-BIT RESOLUTION	N
CS5412-SC1	5962-9095702M	A/D CONVERTER. 12-BIT. 1 MHZ. ± 3 LSB	N
CS5412-TC1	5962-9095701M	A/D CONVERTER. 12-BIT. 1 MHZ. ± 2 LSB	N
TLC548	5962-9084501M	A/D CONVERTER. 8-BIT. WITH SERIAL CONTROL. 2.048 MHZ	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
A/D converters 17 - Continued			
TLC549	5962-9084502M	A/D CONVERTER, 8-BIT, WITH SERIAL CONTROL, 1.1 MHZ	N
AD570	5962-8680201	A/D CONVERTER, 8-BIT, WITH THREE-STATE BUFFERED OUTPUTS	N
AD571	13401	A/D CONVERTER, 10-BIT, WITH THREE-STATE BUFFERED OUTPUTS	N
AD571	5962-8680202	A/D CONVERTER, 10-BIT, WITH THREE-STATE BUFFERED OUTPUTS	N
AD573S	5962-8850501	A/D CONVERTER, 10-BIT, WITH MICROPROCESSOR INTERFACE	N
AD650	13803	VOLT.-TO-FREQUENCY CONVERTER	N
670S	5962-8763501	A/D CONVERTER, 8-BIT, WITH INPUT AMPLIFIER	N
AD673S	5962-8850502	A/D CONVERTER, 8-BIT, WITH MICROPROCESSOR INTERFACE	N
674AT	14006	A/D CONVERTER, 12-BIT	N
674AU	14005	A/D CONVERTER, 12-BIT	N
75C48S20	5962-8874301	A/D CONVERTER, 8-BIT FLASH	N
AD7572	5962-8759105	A/D CONVERTER, HIGH-SPEED	N
AD7572S05	5962-8759104	A/D CONVERTER, HIGH-SPEED	N
AD7572T05	5962-8759105	A/D CONVERTER, HIGH-SPEED	N
AD7572U05	5962-8759106	A/D CONVERTER, HIGH-SPEED	N
AD7572S12	5962-8759101	A/D CONVERTER, HIGH-SPEED	N
AD7572T12	5962-8759102	A/D CONVERTER, HIGH-SPEED	N
AD7572U12	5962-8759103	A/D CONVERTER, HIGH-SPEED	N
PM-7574A	5962-8961603	A/D CONVERTER, 8-BIT, MICROPROCESSOR-COMPATIBLE	N
PM-7574B	5962-8961604	A/D CONVERTER, 8-BIT, MICROPROCESSOR-COMPATIBLE	N
7575S	5962-8776201	A/D CONVERTER, 8-BIT, WITH TRACK/HOLD AMPLIFIER	N
7575T	5962-8776202	A/D CONVERTER, 8-BIT, WITH TRACK/HOLD AMPLIFIER	N
AD7579	5962-8969801	A/D CONVERTER, 10-BIT SAMPLING, WITH (8+2) READ INTERFACING STRUCTURE	N
AD7580	5962-8969802	A/D CONVERTER, 10-BIT SAMPLING, WITH A 10-BIT PARALLEL WORD	N
AD7672TQ05	5962-8965503	A/D CONVERTER, 12-BIT, 11-BIT LINEARITY	N
AD7672UQ05	5962-8965504	A/D CONVERTER, 12-BIT, 12-BIT LINEARITY	N
AD7672TQ10	5962-8965501	A/D CONVERTER, 12-BIT, 11-BIT LINEARITY	N
AD7672UQ10	5962-8965502	A/D CONVERTER, 12-BIT, 12-BIT LINEARITY	N
7684S	5962-8977702	A/D CONVERTER, 8-BIT FLASH	N
7684T	5962-8977701	A/D CONVERTER, 8-BIT FLASH	N
AD7820T	5962-8865002	A/D CONVERTER, 8-BIT, WITH TRACK/HOLD, ± 1.0 LSB	N
AD7820U	5962-8865001	A/D CONVERTER, 8-BIT, WITH TRACK/HOLD, ± 0.5 LSB	N
7824T	5962-8876401	A/D CONVERTER, 8-BIT, 4-CHANNEL, ± 1.0 LSB	N
7824U	5962-8876402	A/D CONVERTER, 8-BIT, 4-CHANNEL, ± 0.5 LSB	N
7828T	5962-8876403	A/D CONVERTER, 8-BIT, 8-CHANNEL, ± 1.0 LSB	N
7828U	5962-8876404	A/D CONVERTER, 8-BIT, 8-CHANNEL, ± 0.5 LSB	N
78C48SC30	5962-8874302	A/D CONVERTER, 8-BIT FLASH	N
DAC87	13702	A/D CONVERTER, 12-BIT, RANGE PROGRAMMABLE, VOLTAGE OUTPUT	N
DAC87	8300301	A/D CONVERTER, 12-BIT, RANGE PROGRAMMABLE, VOLTAGE OUTPUT	N
AD9012S	5962-8965401	A/D CONVERTER, 8-BIT	N
AD9012T	5962-8965402	A/D CONVERTER, 8-BIT	N
ADC-908A	5962-8961601	A/D CONVERTER, 8-BIT, MICROPROCESSOR-COMPATIBLE	N
ADC-908B	5962-8961602	A/D CONVERTER, 8-BIT, MICROPROCESSOR-COMPATIBLE	N
Analog switches/multiplexers 18			
(SEE DWG)	5962-8671601	ANALOG SWITCH, QUAD SPST, HIGH-SPEED	G16
(SEE DWG)	7705203	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Analog switches/multiplexers 18 - Continued			
(SEE DWG)	5962-8671602	ANALOG SWITCH, QUAD SPST, HIGH-SPEED	N
SW-06B	5962-8966901	ANALOG SWITCH, QUAD SPST JFET	N
MUX-08A	5962-8771601	ANALOG MULTIPLEXER, 8-CHANNEL	N
MUX-08B	5962-8771602	ANALOG MULTIPLEXER, 8-CHANNEL	N
DG129A	7801401	ANALOG SWITCH, DUAL DPST	G16
1549	5962-8684901	ANALOG LATCH, CURRENT SENSING, WITH DIGITAL RESET	N
MUX-16A	5962-8771701	ANALOG MULTIPLEXER, 16-CHANNEL (OVERVOLTAGE PROTECTED)	N
MUX-16B	5962-8771702	ANALOG MULTIPLEXER, 16-CHANNEL (OVERVOLTAGE PROTECTED)	N
HS-1840RH	596208753801	ANALOG MULTIPLEXER/DEMUTIPLEXER, 16-CHANNEL, WITH OVERVOLTAGE PROTECTION	N
2069	5962-8753201	DARLINGTON SWITCH, QUAD, WITH PRE-DRIVER STAGES	N
2070	5962-8753202	DARLINGTON SWITCH, QUAD, WITH PRE-DRIVER STAGES	N
MUX-24A	5962-8771801	ANALOG MULTIPLEXER, 4-CHANNEL DIFFERENTIAL	N
MUX-24B	5962-8771802	ANALOG MULTIPLEXER, 4-CHANNEL DIFFERENTIAL	N
HS362	5962-8956501	MULTIPLEXER, DUAL 8-CHANNEL, WITH SAMPLE AND HOLD	N
DG401	5962-9056901	ANALOG SWITCH, DUAL SPST	N
DG403	5962-8976301	ANALOG SWITCH, DUAL SPDT	N
DG405	5962-8996101	ANALOG SWITCH, DUAL DPST	N
AH5010	5962-9087801M	ANALOG SWITCH, 4-CHANNEL	N
AH5012	5962-9088001M	ANALOG SWITCH, 4-CHANNEL	N
HI5043	8100612	ANALOG SWITCH, SPDT, 2-CHANNEL, 30 OHMS	N
HI5045	8100614	ANALOG SWITCH, DPST, 2-CHANNEL, 75 OHMS	N
HI5046	8100615	ANALOG SWITCH, DPST, 1-CHANNEL, 75 OHMS	N
HI5046A	8100617	ANALOG SWITCH, DPST, 1-CHANNEL, 30 OHMS	N
IH5046	10507	ANALOG SWITCH, DPST, 1-CHANNEL, 75 OHMS	N
IH5046	8100607	ANALOG SWITCH, DPST, 1-CHANNEL, 75 OHMS	N
HI5047	8100616	ANALOG SWITCH, 4PST, 1-CHANNEL, 75 OHMS	N
HI5047A	8100618	ANALOG SWITCH, 4PST, 1-CHANNEL, 30 OHMS	N
IH5047	10508	ANALOG SWITCH, 4PST, 1-CHANNEL, 75 OHMS	N
IH5047	8100608	ANALOG SWITCH, 4PST, 1-CHANNEL, 75 OHMS	N
HI5049	8100620	ANALOG SWITCH, DPST, 2-CHANNEL, 30 OHMS	N
HI5050	8100621	ANALOG SWITCH, SPDT, 1-CHANNEL, 30 OHMS	N
HI5051	8100622	ANALOG SWITCH, SPDT, 2-CHANNEL, 30 OHMS	N
IH5116	5962-8513104	ANALOG MULTIPLEXER/DEMUTIPLEXER, 16-CHANNEL, WITH OVERVOLTAGE PROTECTION	N
DG5140	8100609	ANALOG SWITCH, SPST, 1-CHANNEL, 75 OHMS	N
DG5141	8100610	ANALOG SWITCH, SPDT, 2-CHANNEL, 75 OHMS	N
DG5142	8100611	ANALOG SWITCH, SPDT, 1-CHANNEL, 75 OHMS	N
DG5144	8100613	ANALOG SWITCH, DPST, 1-CHANNEL, 30 OHMS	N
IH5148	8100619	ANALOG SWITCH, SPST, 2-CHANNEL, 30 OHMS	N
HI-516	5962-8869901	ANALOG MULTIPLEXER, 16-CHANNEL/8-CHANNEL DIFFERENTIAL	N
IH5208	5962-8513106	ANALOG MULTIPLEXER/DEMUTIPLEXER, DIFFERENTIAL 4-CHANNEL, WITH OVERVOLTAGE PROTE	N
IH5216	5962-8513105	ANALOG MULTIPLEXER/DEMUTIPLEXER, 8-CHANNEL DIFFERENTIAL, WITH OVERVOLTAGE PROTE	N
HI524	5962-8761801	ANALOG MULTIPLEXER, 4-CHANNEL WIDEBAND VIDEO	N
ADG526A	5962-8971001	ANALOG MULTIPLEXER, 16-CHANNEL, LATCHED	N
ADG527A	5962-8971002	ANALOG MULTIPLEXER, 8-CHANNEL, LATCHED	N
DG528	5962-8768901	ANALOG MULTIPLEXER, 8-CHANNEL LATCHABLE	N
IH5352	5962-8875001	ANALOG SWITCH, SPST, 4-CHANNEL, RF/VIDEO	N
54HC4016	5962-8875801	ANALOG SWITCH, QUAD	N
54HC4052	5962-8855601	ANALOG MULTIPLEXER/DEMUTIPLEXER, DOUBLE-POLE, FOUR-POSITION	N
54HC4053	5962-8775401	ANALOG MULTIPLEXER	N
54HC4066	5962-8950701	ANALOG SWITCH, SPST, 4-CHANNEL	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Voltage references 19			
(SEE DWG)	5962-8688201	VOLT. REFERENCE, PRECISION, 10V	N
(SEE DWG)	5962-8688202	VOLT. REFERENCE, PRECISION, 10V	N
(SEE DWG)	5962-8688203	VOLT. REFERENCE, PRECISION, 10V	N
REF01	5962-8958102	VOLT. REFERENCE, ADJUSTABLE OUTPUT, +10V	N
REF01A	5962-8958101	VOLT. REFERENCE, ADJUSTABLE OUTPUT, +10V	N
REF02A	8551401	VOLT. REFERENCE, PRECISION, +5V ADJUSTABLE OUTPUT	N
REF10A	12403	VOLT. REFERENCE, PRECISION, +10V ADJUSTABLE OUTPUT	N
REF10A	5962-8947901	VOLT. REFERENCE, PRECISION, +10V ADJUSTABLE OUTPUT	N
REF10B	5962-8947902	VOLT. REFERENCE, PRECISION, +10V ADJUSTABLE OUTPUT	N
LT1004-1.2	5962-8859701	VOLT. REFERENCE DIODE	N
LT1004-2.5	5962-8859702	VOLT. REFERENCE DIODE	N
LT1009	5962-8961001	VOLT. REFERENCE DIODE, 2.5V	N
LT1019-10	5962-9059505	VOLT. REFERENCE, PRECISION, 10V	N
LT1019A-10	5962-9059501	VOLT. REFERENCE, PRECISION, 10V	N
LT1019-2.5	5962-9059508	VOLT. REFERENCE, PRECISION, 2.5V	N
LT1019A-2.5	5962-9059504	VOLT. REFERENCE, PRECISION, 2.5V	N
LT1019-4.5	5962-9059507	VOLT. REFERENCE, PRECISION, 4.5V	N
LT1019A-4.5	5962-9059503	VOLT. REFERENCE, PRECISION, 4.5V	N
LT1019-5	5962-9059506	VOLT. REFERENCE, PRECISION, 5V	N
LT1019A-5	5962-9059502	VOLT. REFERENCE, PRECISION, 5V	N
102110	12409	VOLT. REFERENCE	N
LT10218M-10	5962-8860001	VOLT. REFERENCE, 10V	N
LT1021CM-10	5962-8860002	VOLT. REFERENCE, 10V	N
LT1021DM-10	5962-8860003	VOLT. REFERENCE, 10V	N
10215	12407	VOLT. REFERENCE	N
LT10218M-5	5962-8876201	VOLT. REFERENCE, PRECISION, 5.0V	N
LT1021CM-5	5962-8876202	VOLT. REFERENCE, PRECISION, 5.0V	N
LT1021DM-5	5962-8876203	VOLT. REFERENCE, PRECISION, 5.0V	N
10217	12408	VOLT. REFERENCE	N
LT10218M-7	5962-8864701	VOLT. REFERENCE, 7.0V	N
LT1021DM-7	5962-8864702	VOLT. REFERENCE, 7.0V	N
LM103H-3.3	7702807	VOLT. REFERENCE, 3.3V	N
LM103H-3.6	7702808	VOLT. REFERENCE, 3.6V	N
LM103H-3.9	7702809	VOLT. REFERENCE, 3.9V	N
LM103H-4.3	7702810	VOLT. REFERENCE, 4.3V	N
LM113	5962-8671101	VOLT. REFERENCE DIODE	N
LM113-1	5962-8671102	VOLT. REFERENCE DIODE	N
LM113-2	5962-8671103	VOLT. REFERENCE DIODE	N
LM129A	12402	VOLT. REFERENCE, 6.9V PRECISION	N
LM129A	5962-8992101	VOLT. REFERENCE, 6.9V PRECISION	N
LM129B	12406	VOLT. REFERENCE, 6.9V PRECISION	N
LM129B	5962-8992102	VOLT. REFERENCE, 6.9V PRECISION	N
LM129C	5962-8992103	VOLT. REFERENCE, 6.9V PRECISION	N
LM136A-2.5	8418001	VOLT. REFERENCE, PRECISION, 2.5V	T18
LM136A-5.0	8418002	VOLT. REFERENCE, PRECISION, 5.0V	T18
1503A	5962-8686102	VOLT. REFERENCE, PRECISION 2.5V (.4%)	N
SG1503	5962-8686101	VOLT. REFERENCE, PRECISION 2.5V (1%)	N
LM185-1.2	5962-8759401	VOLT. REFERENCE DIODE	N
LM185BX1.2	5962-8759403	VOLT. REFERENCE DIODE	N
LM185BY1.2	5962-8759405	VOLT. REFERENCE DIODE	N
LM185-2.5	5962-8759402	VOLT. REFERENCE DIODE	N
LM185BX2.5	5962-8759404	VOLT. REFERENCE DIODE	N
LM185BY2.5	5962-8759406	VOLT. REFERENCE DIODE	N
LM199	12404	VOLT. REFERENCE, PRECISION	T19
LM199	5962-8856102	VOLT. REFERENCE, PRECISION	T19

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Voltage references 19 - Continued			
LM199A	12401	VOLT. REFERENCE, PRECISION	T19
LM199A	5962-8856101	VOLT. REFERENCE, PRECISION	T19
LM199A-20	12405	VOLT. REFERENCE	N
2700	13601	VOLT. REFERENCE	N
2702	13602	VOLT. REFERENCE	N
REF-43	5962-9060301	VOLT. REFERENCE, LOW-POWER PRECISION, + 2.5V	N
580S	5962-8686101	VOLT. REFERENCE, PRECISION 2.5V (1%)	N
580T	5962-8686102	VOLT. REFERENCE, PRECISION 2.5V (.4%)	N
580U	5962-8686103	VOLT. REFERENCE, PRECISION 2.5V (.4%)	N
AD586S	5962-8982401	VOLT. REFERENCE, 5.0V	N
AD586T	5962-8982402	VOLT. REFERENCE, 5.0V	N
AD587SQ	5962-8982501	VOLT. REFERENCE, 10V	N
AD587TQ	5962-8982502	VOLT. REFERENCE, 10V	N
AD588S	5962-8972801	VOLT. REFERENCE, PIN-PROGRAMMABLE	N
AD588T	5962-8972802	VOLT. REFERENCE, PIN-PROGRAMMABLE	N
R675B-3	13602	VOLT. REFERENCE	N
R675B-4	13601	VOLT. REFERENCE	N
Sample and hold 20			
HTC-0300	14201	SAMPLE AND HOLD AMPLIFIER	N
THA-05203-1	14201	SAMPLE AND HOLD AMPLIFIER	N
2420	8001601	SAMPLE AND HOLD AMPLIFIER	N
MN376	5962-9073001H	SAMPLE AND HOLD AMPLIFIER, HIGH-SPEED	N
MN376H	14201	SAMPLE AND HOLD AMPLIFIER	N
SHM-4860MM	14201	SAMPLE AND HOLD AMPLIFIER	N
4860-83	14201	SAMPLE AND HOLD AMPLIFIER	N
HA-5330	5962-8767701	SAMPLE AND HOLD AMPLIFIER	N
5537	12502	SAMPLE AND HOLD AMPLIFIER	N
AD585	5962-8754001	SAMPLE AND HOLD AMPLIFIER, HIGH-SPEED	N
Hybrid 22			
(SEE DWG)	5962-8968301H	DC/DC CONVERTER, 5-VOLT, SINGLE CHANNEL	N
(SEE DWG)	5962-8968302H	DC/DC CONVERTER, 5-VOLT, SINGLE CHANNEL	N
(SEE DWG)	5962-8968303H	DC/DC CONVERTER, 5-VOLT, SINGLE CHANNEL	N
SDC14500-635	5962-9070701H	SYNCHRO-TO-DIGITAL CONVERTER, 400 HZ, 11.8V	N
SDC14500-636	5962-9070702H	SYNCHRO-TO-DIGITAL CONVERTER, 400 HZ, 11.8V	N
SDC14502-605	5962-9070703H	SYNCHRO-TO-DIGITAL CONVERTER, 60 HZ, 90V	N
SDC14502-606	5962-9070704H	SYNCHRO-TO-DIGITAL CONVERTER, 60 HZ, 90V	N
RDC14505-641	5962-8768703	RESOLVER TO DIGITAL CONVERTER, 400 HZ, 6V INPUT	N
SDC14531-631	5962-9082002H	S-R/D CONVERTER, 11.8V, 400 HZ	N
SDC14531-690	5962-9082001H	S-R/D CONVERTER, 11.8V, 400 HZ	N
SDC14567-111	5962-9055101	DR/D CONVERTER, 1.0V, 400 HZ	N
SDC14567-112	5962-9055102	DR/D CONVERTER, 1.0 V, 400 HZ	N
SDC14567-114	5962-9055103	DR/D CONVERTER, 1.0 V, 400 HZ	N
SDC14567-115	5962-9055104	DR/D CONVERTER, 1.0 V, 400 HZ	N
SDC14569-111	5962-9055105	DR/D CONVERTER, 1.0 V, 400 HZ, TRIMMED VELOCITY	N
SDC14569-112	5962-9055106	DR/D CONVERTER, 1.0 V, 400 HZ, TRIMMED VELOCITY	N
SDC14569-114	5962-9055107	DR/D CONVERTER, 1.0 V, 400 HZ, TRIMMED VELOCITY	N
SDC14569-115	5962-9055108	DR/D CONVERTER, 1.0 V, 400 HZ, TRIMMED VELOCITY	N
2452	5962-8753502	REMOTE TERMINAL UNIT, DUAL REDUNDANT	N
AHE2812S	5962-9158001H	DC/DC CONVERTER, 20W, 12V OUTPUT	N
AHE2812S-MST	5962-9158003H	DC/DC CONVERTER, 20W, 12V OUTPUT	N
AHE2812S-SLV	5962-9158002H	DC/DC CONVERTER, 20W, 12V OUTPUT	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Hybrid 22 - Continued			
HCPL-5601	5962-9085501H	OPTOCOUPLER, SINGLE CHANNEL, HIGH-SPEED	N
HCPL-5631	8102802	OPTOCOUPLER, DUAL CHANNEL, WITH COMMON SUPPLY VOLTAGE AND GROUND CONNECTIONS	N
BUS-65112	5962-8753501	REMOTE TERMINAL UNIT, DUAL REDUNDANT	N
HCPL-6631	8102803	OPTOCOUPLER, DUAL CHANNEL, WITH SEPARATE SUPPLY VOLTAGE AND GROUND CONNECTIONS	N
HSDC-8920	5962-8768702	RESOLVER TO DIGITAL CONVERTER, 400 HZ	N
HSDC-8920A	5962-8768701	RESOLVER TO DIGITAL CONVERTER, 400 HZ	N
HS9403-16	5962-8851402	DATA ACQUISITION SYSTEM, 12-BIT	N
HS9403-8	5962-8851401	DATA ACQUISITION SYSTEM, 12-BIT	N
Other digital devices 23			
BFRP10	63001	FFT PROCESSOR, 20 MHZ	N
12540	5962-8775201	PHASE/FREQUENCY DETECTOR	T5
14490A	5962-8764601	CONTACT BOUNCE ELIMINATOR, HEX	N
UT1553BRTR	5962-8957601	REMOTE TERMINAL INTERFACE, WITH 1K X 16 RAM	N
UT1760ARTS	5962-8957501	REMOTE TERMINAL FOR STORES WITH 1K X 16 RAM	N
UT1760RTS	5962-8957501	REMOTE TERMINAL FOR STORES WITH 1K X 16 RAM	N
CT1820	5962-9063601H	BIT PROCESSOR, DATA TERMINAL MIL-STD-1553	N
CT1820-2	5962-9063602H	BIT PROCESSOR, MIL-STD-1553 DATA TERMINAL, WITH HIGH DATA BUS DRIVER CAPABILITY	N
TMC2023V	5962-8971101	OUTPUT CORRELATOR, DIGITAL, 64-BIT, 25 MHZ	N
TMC2023V1	5962-8971102	OUTPUT CORRELATOR, DIGITAL, 64-BIT, 30 MHZ	N
ARX2410	5962-9063603H	BIT PROCESSOR, MIL-STD-1553 DATA TERMINAL	N
ARX3410	5962-9063604H	BIT PROCESSOR, MIL-STD-1553 DATA TERMINAL	N
68154	5962-8857201	INTERRUPT GENERATOR	N
68155	5962-8866601	INTERRUPT HANDLER	N
Analog circuit functions 24			
LT1054M	5962-8956201	VOLTAGE CONVERTER, SWITCHED CAPACITOR, WITH REGULATOR	N
LTC1060A	5962-8864101	FILTER, UNIVERSAL DUAL	N
LTC1064	5962-8948301	UNIVERSAL FILTER BUILDING BLOCK, QUAD	N
LTC1064-4	5962-9064901	FILTER, CAUER LOW PASS, LOW NOISE, 8TH ORDER, CLOCK SWEEPABLE	N
HSD1066-341H	5962-8949904	SYNCHRO-TO-DIGITAL CONVERTER, 11.8V, 400 HZ, 2.0 MINUTES ACCURACY	N
HSD1066-341V	5962-8949905	SYNCHRO-TO-DIGITAL CONVERTER, 11.8V, 400 HZ, 1.0 MINUTE ACCURACY	N
HSD1066-381H	5962-8949906	SYNCHRO-TO-DIGITAL CONVERTER, 11.8V, 400 HZ, 2.0 MINUTES ACCURACY	N
LM131A	5962-8760701	VOLT.-TO-FREQUENCY CONVERTER	N
SOC14560-114	5962-8949901	SYNCHRO-TO-DIGITAL CONVERTER, 11.8V, 400 HZ, 2.0 MINUTES ACCURACY	N
SOC14560-115	5962-8949902	SYNCHRO-TO-DIGITAL CONVERTER, 11.8V, 400 HZ, 1.0 MINUTE ACCURACY	N
SOC14560-605	5962-8949903	SYNCHRO-TO-DIGITAL CONVERTER, 11.8V, 400 HZ, 2.0 MINUTES ACCURACY	N
SOC14561-114	5962-8949801	SYNCHRO-TO-DIGITAL CONVERTER, 90 V, 400 HZ, 2.0 MINUTES ACCURACY	N
SOC14561-115	5962-8949802	SYNCHRO-TO-DIGITAL CONVERTER, 90 V, 400 HZ, 1.0 MINUTES ACCURACY	N
SOC14565-114	5962-8990801	R/D CONVERTER, 11.8 V, 400 HZ, 2.0 MINUTES ACCURACY	N
SOC14565-115	5962-8990802	R/D CONVERTER, 11.8 V, 400 HZ, 1.0 MINUTE ACCURACY	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Analog circuit functions 24 - Continued			
SDC14565-616	5962-8990803	R/D CONVERTER, 11.8 V, 400 HZ, 2.0 MINUTES ACCURACY	N
SDC14565-618	5962-8990805	R/D CONVERTER, 7.0 V, 400 HZ, 80 HZ BANDWIDTH, 2.0 MINUTES ACCURACY	N
SDC14566-115	5962-8990804	R/D CONVERTER, 11.8 V, 400 HZ, TRIMMED VELOCITY, 1.0 MINUTE ACCURACY	N
1543	5962-8774001	POWER SUPPLY OUTPUT SUPERVISORY CIRCUIT	N
1544	5962-8774002	POWER SUPPLY OUTPUT SUPERVISORY CIRCUIT	N
1596	5962-8857101	MODULATOR/DEMODULATOR, BALANCED	N
UC1611	5962-9053801	DIODE ARRAY, QUAD SCHOTTKY, 1 AMP	N
UC1637	5962-8995701	CONTROLLER, SWITCHED-MODE, FOR DC MOTOR DRIVE	N
TSC170	5962-8963801	CURRENT MODE CONTROLLER, CMOS	N
TSC171	5962-8963802	CURRENT MODE CONTROLLER, CMOS	N
UC1901	5962-8944101	FEEDBACK GENERATOR, ISOLATED	N
UC1903	5962-8869701	SUPPLY AND LINE MONITOR, QUAD	N
LM194	5962-8777701	TRANSISTOR ARRAY, MATCHED PAIR	N
LM195	5962-8777801	TRANSISTOR ARRAY, POWER	N
EL2001	5962-9153402M	BUFFER AMPLIFIER, LOW POWER, 70 MHZ	N
EL2001A	5962-9153401M	BUFFER AMPLIFIER, LOW POWER, 70 MHZ	N
EL2003	5962-8962301	LINE DRIVER, VIDEO	N
EN2015	5962-8977501	TRANSISTOR ARRAY, QUAD PNP	N
EN2015A	5962-8977502	TRANSISTOR ARRAY, QUAD PNP	N
EN2016	5962-8977601	TRANSISTOR ARRAY, QUAD NPN	N
EN2016A	5962-8977602	TRANSISTOR ARRAY, QUAD NPN	N
EL2020	5962-8962001	CURRENT FEEDBACK AMPLIFIER	N
EL2030	5962-9081801M	AMPLIFIER, CURRENT FEEDBACK	N
EL2033	5962-8962302	LINE DRIVER, VIDEO	N
XR2211M	7705001	PHASE-LOCKED LOOP SYSTEM	N
AHE2815S	5962-9162501H	DC/DC CONVERTER, 20W, 15V OUTPUT	N
AHE2815S-MST	5962-9162503H	DC/DC CONVERTER, 20W, 15V OUTPUT	N
AHE2815S-SLV	5962-9162502H	DC/DC CONVERTER, 20W, 15V OUTPUT	N
2821	5962-8968401	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	N
2823	5962-8968501	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	N
2824	5962-8968601	TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE	N
SG3081	5962-8866401	TRANSISTOR ARRAY, HIGH-CURRENT NPN	N
3183A	5962-8759801	TRANSISTOR ARRAY, HIGH-CURRENT NPN	N
VFC32	13801	VOLT.-TO-FREQUENCY CONVERTER	N
VFC320	13802	VOLT.-TO-FREQUENCY CONVERTER	N
TLC32040M	5962-9086301M	INTERFACE CIRCUIT, ANALOG	N
TLC32044M	5962-9086302M	INTERFACE CIRCUIT, ANALOG, VOICE-BAND	N
HS3282	5962-8688001	BUS INTERFACE CIRCUIT, ARINC	N
3523	5962-8978001	SENSING CIRCUIT, OVERVOLTAGE	N
4213	13904	ANALOG MULTIPLIER, 4-QUADRANT	N
MC4344	5962-8780301	PHASE/FREQUENCY DETECTOR	T52
AFC-461	5962-9099001H	FILTER, EMI, 4.0A	N
HA-5002	5962-8963601	CURRENT BUFFER, WIDEBAND, HIGH OUTPUT	N
HA-5033	5962-8963301	BUFFER AMPLIFIER, HIGH-SPEED VIDEO	N
SL523AC	5962-8980301	AMPLIFIER, LOGARITHMIC, WIDEBAND, 120 MHZ	N
AD539	5962-8980901	MULTIPLIER/DIVIDER, DUAL-CHANNEL, WIDEBAND	N
54HC4046A	5962-8960901	PHASE-LOCKED LOOP, WITH VOLTAGE-CONTROLLED OSCILLATOR	N
54HCT4046A	5962-8875701	PHASE-LOCKED LOOP WITH VOLTAGE-CONTROLLED OSCILLATOR	N
54LS629	8102101	OSCILLATOR, VOLTAGE-CONTROLLED, DUAL	N
5521	5962-9087902M	SIGNAL CONDITIONER, LVDT	N
567	5962-8700301	TONE DECODER/PHASE-LOCKED LOOP	N
AD590J	5962-8757101	TEMPERATURE TRANSDUCER	N
AD590K	5962-8757102	TEMPERATURE TRANSDUCER	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Analog circuit functions 24 - Continued			
AD590L	5962-8757103	TEMPERATURE TRANSDUCER	N
AD590M	5962-8757104	TEMPERATURE TRANSDUCER	N
604A	5962-8956401	FM IF SYSTEM, HIGH PERFORMANCE, LOW-POWER	N
AD630	5962-8980701	BALANCED MODULATOR/DEMODULATOR	N
AD637	5962-8963701	RMS-TO-DC CONVERTER, WIDEBAND	N
AD7569S	5962-8962901	ANALOG I/O SYSTEM, 8-BIT, \pm LSB FOR DAC AND ADC	N
AD7569T	5962-8962902	ANALOG I/O SYSTEM, 8-BIT, $\pm 1/2$ LSB FOR DAC AND ADC	N
TL7702AM	5962-8868502	SUPPLY VOLTAGE SUPERVISOR	N
TL7705AM	5962-8868501	SUPPLY VOLTAGE SUPERVISOR	N
TL7770-12M	5962-9093202M	POWER SUPPLY SUPERVISORS, DUAL	N
TL7770-15M	5962-9093203M	POWER SUPPLY SUPERVISORS, DUAL	N
TL7770-5M	5962-9093201M	POWER SUPPLY SUPERVISORS, DUAL	N
ICL8038	5962-8877201	WAVEFORM GENERATOR/VOLTAGE-CONTROLLED OSCILLATOR, PRECISION	N
ICL8211	5962-8984201	VOLT. DETECTOR, PROGRAMMABLE	N
ICL8212	5962-8984202	VOLTAGE DETECTOR, PROGRAMMABLE, HIGH OUTPUT CURRENT	N
HI8282	5962-8688002	BUS INTERFACE CIRCUIT, ARINC	N
HSDC-8915	5962-9055402	VOLT. FOLLOWER, BUFFER INPUT, 400 HZ	N
HSDC-8915A	5962-9055401	VOLT. FOLLOWER, BUFFER INPUT, 400 HZ	N
Semicustom device 25			
(SEE SPEC)	60501	GATE ARRAY, ≤ 1000 GATES	N
(SEE SPEC)	60502	GATE ARRAY, ≤ 2000 GATES	N
(SEE SPEC)	60503	GATE ARRAY, ≤ 3000 GATES	N
(SEE SPEC)	60505	GATE ARRAY, ≤ 5000 GATES	N
(SEE SPEC)	60506	GATE ARRAY, ≤ 6000 GATES	N
(SEE SPEC)	60507	GATE ARRAY, ≤ 7000 GATES	N
(SEE SPEC)	60508	GATE ARRAY, ≤ 8000 GATES	N
(SEE SPEC)	60509	GATE ARRAY, ≤ 9000 GATES	N
(SEE SPEC)	60510	GATE ARRAY, ≤ 10000 GATES	N
(SEE SPEC)	60511	GATE ARRAY, ≤ 11000 GATES	N
(SEE SPEC)	60512	GATE ARRAY, ≤ 12000 GATES	N
(SEE SPEC)	60513	GATE ARRAY, ≤ 15000 GATES	N
(SEE SPEC)	60514	GATE ARRAY, ≤ 25000 GATES	N
(SEE SPEC)	60515	GATE ARRAY, ≤ 35000 GATES	N
(SEE SPEC)	60516	GATE ARRAY, ≤ 45000 GATES	N
(SEE SPEC)	60517	GATE ARRAY, ≤ 55000 GATES	N
(SEE SPEC)	60601	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60602	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60605	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60607	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60609	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60610	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60612	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60613	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60614	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60615	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60616	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60617	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60001	GATE ARRAY, ≤ 1000 GATES	N
(SEE SPEC)	60002	GATE ARRAY, ≤ 3500 GATES	N
(SEE SPEC)	60003	GATE ARRAY, ≤ 5000 GATES	N
(SEE SPEC)	70604	LINEAR ARRAY, 4 MACROCELL LOCATIONS	N
(SEE SPEC)	60801	GATE ARRAY, SEMICUSTOM	N

See footnotes at end of standard.

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TABLE II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit. transistor count 1/
Semicustom device 25 - Continued			
(SEE SPEC)	60802	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60803	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60804	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60805	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60806	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60807	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60808	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60809	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60810	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60812	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60813	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60814	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60815	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60816	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60817	GATE ARRAY, SEMICUSTOM	N
(SEE SPEC)	60701	GATE ARRAY ($\leq 1,000$ GATES)	N
(SEE SPEC)	60702	GATE ARRAY ($\leq 2,000$ GATES)	N
(SEE SPEC)	60703	GATE ARRAY ($\leq 3,000$ GATES)	N
(SEE SPEC)	60704	GATE ARRAY ($\leq 4,000$ GATES)	N
(SEE SPEC)	60705	GATE ARRAY ($\leq 5,000$ GATES)	N
(SEE SPEC)	60706	GATE ARRAY ($\leq 6,000$ GATES)	N
(SEE SPEC)	60707	GATE ARRAY ($\leq 7,000$ GATES)	N
(SEE SPEC)	60709	GATE ARRAY ($\leq 9,000$ GATES)	N
(SEE SPEC)	60710	GATE ARRAY ($\leq 10,000$ GATES)	N
(SEE SPEC)	60712	GATE ARRAY ($\leq 12,000$ GATES)	N
(SEE SPEC)	60713	GATE ARRAY ($\leq 15,000$ GATES)	N
(SEE SPEC)	60714	GATE ARRAY ($\leq 25,000$ GATES)	N
(SEE SPEC)	60715	GATE ARRAY ($\leq 35,000$ GATES)	N
(SEE SPEC)	60716	GATE ARRAY ($\leq 45,000$ GATES)	N
(SEE SPEC)	60717	GATE ARRAY ($\leq 55,000$ GATES)	N

See footnotes at end of standard.

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TABLE III. Logistics or continuous replacement only.

(This table contains devices which are not recommended for new designs because of diminishing sources, obsolete technology, or a preferred device listed in tables I or II is now available which performs the same function.)

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
Gates 1				
14584	5962-8550102	HEX INVERTER, SCHMITT TRIGGER	G6	5962-8550101
4000A	/05201*	NOR GATE, DUAL 3-INPUT	G3	
4000B	/05251	NOR GATE, DUAL 3-INPUT	G3	
4001A	/05202*	NOR GATE, QUAD 2-INPUT	G4	
4001B	/05252*	NOR GATE, QUAD 2-INPUT	G4	
4002A	/05203*	NOR GATE, DUAL 4-INPUT	G2	
4002B	/05253*	NOR GATE, DUAL 4-INPUT	G2	
4007A	/05301*	COMPLIMENTARY PAIR, DUAL	G3	
4007UB	/05351*	COMPLIMENTARY PAIR, DUAL	G3	
40106B	/17702	HEX INVERTER, SCHMITT TRIGGER	G6	/65702*
4011A	/05001*	NAND GATE, QUAD 2-INPUT	G4	
4011B	/05051*	NAND GATE, QUAD 2-INPUT	G4	
4012A	/05002*	NAND GATE, DUAL 4-INPUT	G2	
4012B	/05052*	NAND GATE, DUAL 4-INPUT	G2	
4019A	/05302*	AND/OR SELECT GATE, QUAD	G12	
4019B	/05352*	AND/OR SELECT GATE, QUAD	G12	
4023A	/05003*	NAND GATE, TRIPLE 3-INPUT	G3	/05053*
4023B	/05053*	NAND GATE, TRIPLE 3-INPUT	G24	/65002*
4023B	7901301	NAND GATE, TRIPLE 3-INPUT	G24	/65002*
4025A	/05204*	NOR GATE, TRIPLE 3-INPUT	G3	
4025B	/05254*	NOR GATE, TRIPLE 3-INPUT	G3	
4030A	/05303	EXCLUSIVE-OR GATE, QUAD 2-INPUT	G4	
4030B	/05353*	EXCLUSIVE-OR GATE, QUAD 2-INPUT	G4	
4048A	/05304	MULTIFUNCTION GATE, 8-INPUT	G3	
4048B	/05354	MULTIFUNCTION GATE, 8-INPUT	G3	
4069UB	/17401*	HEX INVERTER	G6	
4069UB	7702701	HEX INVERTER	G6	
4070B	/17203*	EXCLUSIVE-OR GATE, QUAD	G4	
4071B	/17101*	OR GATE, QUAD 2-INPUT	G4	/65201*
4072B	/17102*	OR GATE, DUAL 4-INPUT	G2	
4072B	7706001	OR GATE, DUAL 4-INPUT	G2	
4073B	7705101	AND GATE, TRIPLE 3-INPUT	G3	
4075B	/17103*	OR GATE, TRIPLE 3-INPUT	G3	
4077B	/17204*	EXCLUSIVE-NOR GATE, QUAD	G4	
4078B	7704401	NOR GATE, 8-INPUT	N	
4081B	/17001*	AND GATE, QUAD 2-INPUT	G4	/65203*
4081B	7702401	AND GATE, QUAD 2-INPUT	G4	/65203*
4082B	/17002*	AND GATE, DUAL 4-INPUT	G2	
4082B	7705901	AND GATE, DUAL 4-INPUT	G2	
4085B	/17201*	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	G6	
4086B	/17202*	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	G5	
4093B	/17701	NAND GATE, QUAD 2-INPUT, WITH SCHMITT TRIGGERS	G4	/65005*
4093B	7704601	NAND GATE, QUAD 2-INPUT, WITH SCHMITT TRIGGERS	G4	/65005*
4093B	7704602	NAND GATE, QUAD 2-INPUT, WITH SCHMITT TRIGGERS	G4	/65005*
46106B	5962-8550101	HEX INVERTER, SCHMITT TRIGGER	G6	/65702*
4973B	/17003*	AND GATE, TRIPLE 3-INPUT	N	
54S00	/07001*	NAND GATE, QUAD 2-INPUT	G4	/33001*
54H00	/02304	NAND GATE, QUAD 2-INPUT	G4	/33001*
54L00	/02004*	NAND GATE, QUAD 2-INPUT	G4	/30001*

See footnotes at end of standard.

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
Gates 1 - Continued				
5400	/00104*	NAND GATE, QUAD 2-INPUT	G4	/33001*
54H01	/02306	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4	/30002*
54L01	/02006	NAND GATE, QUAD 2-INPUT	G4	/30002*
5401	/00107*	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4	/30002*
54S02	/07301*	NOR GATE, QUAD 2-INPUT	G4	/33301*
54L02	/02701*	NOR GATE, QUAD 2-INPUT	G4	/30301*
5402	/00401*	NOR GATE, QUAD 2-INPUT	G4	/33301*
54S03	/07002*	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4	/30002*
54L03	/02006	NAND GATE, QUAD 2-INPUT	G4	/30002*
5403	/00109*	NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4	/30002*
54S04	/07003*	HEX INVERTER	G6	/33002*
54H04	/02305	HEX INVERTER	G6	/33002*
54L04	/02005*	HEX INVERTER	G6	/30003*
5404	/00105*	HEX INVERTER	G6	/33002*
54S05	/07004*	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	G6	/30004*
5405	/00108*	HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS	G6	/30004*
5408	/01601*	AND GATE, QUAD 2-INPUT	G4	/34001*
54S08	/08003*	AND GATE, QUAD 2-INPUT	G4	/34001*
54C08	7703601	AND GATE, QUAD 2-INPUT	G4	/65203*
5409	/01602*	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4	
54S10	/07005*	NAND GATE, TRIPLE 3-INPUT	G3	/33003*
54H10	/02303	NAND GATE, TRIPLE 3-INPUT	G3	/33003*
54L10	/02003*	NAND GATE, TRIPLE 3-INPUT	G3	/30005*
5410	/00103*	NAND GATE, TRIPLE 3-INPUT	G3	/30005*
54S11	/08001*	AND GATE, TRIPLE 3-INPUT	G3	/34002*
54AC11000	5962-8754902	NAND GATE, QUAD 2-INPUT	G4	
54ACT11000	5962-8769902	NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	N	
54AC11002	5962-8761202	NOR GATE, QUAD 2-INPUT	N	
54ACT11004	5962-8973402	HEX INVERTER, TTL-COMPATIBLE INPUTS	N	
54AC11004	5962-8760902	HEX INVERTER	G6	
54ACT11008	5962-8954701	AND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	N	
54AC11008	5962-8761502	AND GATE, QUAD 2-INPUT	N	
54AC11010	5962-8761002	NAND GATE, TRIPLE 3-INPUT	N	
54AC11011	5962-8761102	AND GATE, TRIPLE 3-INPUT	G3	
54AC11020	5962-8761302	NAND GATE, DUAL 4-INPUT	G2	
54ACT11032	5962-8973602	OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS	N	
5412	/00106*	NAND GATE, TRIPLE 3-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G3	/30006*
5413	/15101	NAND GATE, DUAL 4-INPUT	G2	/31301*
54132	/15103	NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER	G4	/31303*
54S133	/07009*	NAND GATE, 13-INPUT	G1	/37005*
5414	/15102*	HEX INVERTER, SCHMITT TRIGGER	G6	/31302*
54S20	/07006*	NAND GATE, DUAL 4-INPUT	G2	/33004*
54H20	/02302	NAND GATE, DUAL 4-INPUT	G2	/30007*

See footnotes at end of standard.

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
Gates 1 - Continued				
54L20	/02002	NAND GATE, DUAL 4-INPUT	G2	/30007*
5420	/00102*	NAND GATE, DUAL 4-INPUT	G2	/33004*
54AS21	5962-8780401	AND GATE, DUAL 4-INPUT	G2	5962-8955401
54S22	/07007*	NAND GATE, DUAL 4-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G2	/30008*
54H22	/02307	NAND GATE, DUAL 4-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G2	/30008*
5423	/00402*	NOR GATE, DUAL 4-INPUT, W/STROBE	G2	
5425	/00403*	NOR GATE, DUAL 4-INPUT, W/STROBE	G2	
5427	/00404*	NOR GATE, TRIPLE 3-INPUT	G3	/30302*
54S30	/07008*	NAND GATE, 8-INPUT	G1	/30009*
54H30	/02301	NAND GATE, 8-INPUT	G1	/30009*
54L30	/02001	NAND GATE, 8-INPUT	G1	/30009*
5430	/00101*	NAND GATE, 8-INPUT	G1	/30009*
5432	/16101*	OR GATE, QUAD 2-INPUT	G4	/33501*
5450	/00501*	AND-OR-INVERT GATE, DUAL 2-WIDE	G6	
54S51	/07401*	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	G6	/30401*
5451	/00502*	AND-OR-INVERT GATE, DUAL 2-WIDE	G6	/30401*
5453	/00503*	AND-OR-INVERT GATE, 4-WIDE 2-INPUT	G5	
5454	/00504*	AND-OR-INVERT GATE, 4-WIDE	G5	/30402*
54S64	/07402*	AND-OR-INVERT GATE, QUAD 4-2-3-2-INPUT	G5	/33401*
54S86	/07501*	EXCLUSIVE-OR GATE, QUAD 2-INPUT	G4	/34501*
54L86	/02601	EXCLUSIVE-OR GATE, QUAD 2-INPUT	G4	/30502*
5486	/00701*	EXCLUSIVE-OR GATE, QUAD 2-INPUT	G4	/30502*
930	/03001*	NAND GATE, DUAL 4-INPUT	G2	/31301*
MIC935	/03002	HEX INVERTER	G6	
936	/03003*	HEX INVERTER	G6	/30003*
MIC940	/03002	HEX INVERTER	G6	
946	/03004*	NAND GATE, QUAD 2-INPUT	G4	/33001*
962	/03005*	NAND GATE, TRIPLE 3-INPUT	G3	/30005*
Buffers 2				
25S240	5962-8672401	BUFFER/DRIVER, OCTAL, INVERTING, THREE-STATE OUTPUTS	G10	/33201*
25S241	5962-8672501	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G10	/33202*
25S244	5962-8753601	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G10	/33203*
4009A	/05501	BUFFER/DRIVER, HEX, INVERTING	G6	
4009UB	/05551	BUFFER/DRIVER, HEX, INVERTING	G6	
4010A	/05502	BUFFER/DRIVER, HEX, NONINVERTING	G6	
4010B	/05552	BUFFER/DRIVER, HEX, NONINVERTING	G6	
40107B	/17402	BUFFER/DRIVER, NAND, DUAL 2-INPUT	G6	
40109B	/17404	VOLT. LEVEL SHIFTER, LOW TO HIGH	G32	
4041A	/05505	TRUE/COMPLIMENT BUFFER, QUAD	G12	
4041UB	/05555*	TRUE/COMPLIMENT BUFFER, QUAD	G12	
4049A	/05503*	HEX INVERTER BUFFER	G6	/05553*
4049UB	/05553*	HEX INVERTER BUFFER	G6	
4049UB	7901401	HEX INVERTER BUFFER	G6	
4050A	/05504*	HEX BUFFER, NONINVERTING	G6	
4050B	/05554*	HEX BUFFER, NONINVERTING	G6	
4502B	/17403*	BUFFER/DRIVER, HEX, INVERTING, STROBED, THREE-STATE OUTPUTS	G12	
4520B	7702001	BUFFER/DRIVER, HEX, INVERTING, STROBED, THREE-STATE OUTPUTS	G12	

See footnotes at end of standard.

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
Buffers 2 - Continued				
54AS1004A	5962-8872901	BUFFER/DRIVER, HEX, INVERTING	N	
54AS1032A	5962-8873001	OR DRIVER, QUAD 2-INPUT	N	
54AC11240	5962-8755002	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	G10	
54ACT11240	5962-8775902	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	N	
54AC11241	5962-8755102	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G10	
54ACT11241	5962-8984702	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	N	
54AC11244	5962-8755202	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	G10	
54125	/15301	BUFFER/DRIVER, QUAD, NONINVERTING, WITH THREE-STATE OUTPUTS	G4	/32301*
54126	/15302*	BUFFER/DRIVER, QUAD, NONINVERTING, WITH THREE-STATE OUTPUTS	G4	/32002*
5416	/00802*	BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	G6	/00801*
5417	/00804*	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	G6	/00803*
5426	/00805*	BUFFER/DRIVER, QUAD 2-INPUT, INVERTING	G4	/32102*
54365	/16301*	BUFFER/DRIVER, HEX, NONINVERTING, WITH THREE-STATE OUTPUTS	G7	/32201*
54366	/16302	BUFFER/DRIVER, HEX, NONINVERTING, WITH THREE-STATE OUTPUTS	G7	/32202*
54367	/16303*	BUFFER/DRIVER, HEX, NONINVERTING, WITH THREE-STATE OUTPUTS	G8	/32203*
54368	/16304*	BUFFER/DRIVER, HEX, INVERTING, WITH THREE-STATE OUTPUTS	G8	/32204*
5437	/00302*	BUFFER/DRIVER, NAND, QUAD 2-INPUT	G4	/38401*
5438	/00303*	BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4	/35202*
54S40	/07201*	BUFFER/DRIVER, NAND, DUAL 4-INPUT	G2	/30201*
54H40	/02401	BUFFER/DRIVER, NAND, DUAL 4-INPUT	G2	/30201*
5440	/00301*	BUFFER/DRIVER, NAND, DUAL 4-INPUT	G2	/30201*
54AS760	5962-8776701	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	N	
54AS804	5962-8776601	BUFFER/DRIVER, NAND, HEX 2-INPUT	N	
54AS805	5962-8779401	BUFFER/DRIVER, NOR, HEX 2-INPUT	G6	
54AS808	5962-8852201	BUFFER/DRIVER, AND, HEX 2-INPUT	G6	
54AS832B	5962-8852301	BUFFER/DRIVER, OR, HEX 2-INPUT	N	
54C906	7705601	BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-DRAIN OUTPUTS	N	
Flip-Flops 3				
26S02	5962-8766201	MULTIVIBRATOR, DUAL RETRIGGERABLE, RESETTABLE, MONOSTABLE	G10	/31401*
2918	5962-8671501	FLIP-FLOP, D-TYPE, QUAD, WITH STANDARD AND THREE-STATE OUTPUTS	G30	5962-8671901
4013A	/05101*	FLIP-FLOP, D-TYPE, DUAL	G24	/05151*
4013B	/05151*	FLIP-FLOP, D-TYPE, DUAL	G24	
4013B	7901101	FLIP-FLOP, D-TYPE, DUAL	G24	
4013B	7901102	FLIP-FLOP, D-TYPE, DUAL	G	

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
Flip-Flops 3 - Continued				
401748	/17505	FLIP-FLOP, D-TYPE, HEX	G36	/65304*
401748	8202201	FLIP-FLOP, D-TYPE, HEX	G36	
4027A	/05102*	FLIP-FLOP, JK, DUAL	G30	
4027B	/05152*	FLIP-FLOP, JK, DUAL	G30	
4042B	8101901	LATCH, D-TYPE, 4-BIT	N	
4043A	/05103	LATCH, RS, 4-BIT, WITH THREE-STATE OUTPUTS	G24	
4043B	/05153	LATCH, RS, 4-BIT, WITH THREE-STATE OUTPUTS	G24	
4044B	7702601	LATCH, RS, 4-BIT, WITH THREE-STATE OUTPUTS	N	
4047B	8102001	MULTIVIBRATOR, MONOSTABLE/ASTABLE	N	
4095B	/17502	FLIP-FLOP, JK, GATED	G20	
4096B	/17503	FLIP-FLOP, JK, GATED	G21	/17504*
4098B	/17504*	MULTIVIBRATOR, DUAL	G20	
4098B	7705501	RETRIGGERABLE/RESETTABLE MONOSTABLE MULTIVIBRATOR, DUAL	G20	
4098B	/17601*	RETRIGGERABLE/RESETTABLE MONOSTABLE LATCH, 8-BIT ADDRESSABLE	G76	
4508B	/17602	LATCH, DUAL 4-BIT	G56	
4514B	/17301	LATCH, 4-BIT/DECODER, 4-TO-16-LINE	G120	
4514B	7703501	LATCH, 4-BIT/DECODER, 4-TO-16-LINE	G120	
4528B	7704501	MULTIVIBRATOR, DUAL	G20	
4528B	7704502	RETRIGGERABLE/RESETTABLE MONOSTABLE MULTIVIBRATOR, DUAL	G20	
54H103	/02206	RETRIGGERABLE/RESETTABLE MONOSTABLE FLIP-FLOP, JK, DUAL	G12	/30108*
54107	/00203*	FLIP-FLOP, JK, DUAL	G16	
54ACT11074	5962-8752502	FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS	G20	
54AC11074	5962-8852002	FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED	G20	
54ACT11109	5962-8853402	FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH TTL-COMPATIBLE INPUTS	G22	
54S112	/07102*	FLIP-FLOP, JK, DUAL	G16	
54S113	/07103*	FLIP-FLOP, JK, DUAL, WITH PRESET AND CLEAR	G16	
54ACT11373	5962-8755602	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH 3-STATE OUTPUTS AND TTL-COMPATIBLE INPUTS	G18	
54AC11373	5962-8755502	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH THREE-STATE OUTPUTS	N	
54ACT11374	5962-8763102	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	G42	
54S114	/07104	FLIP-FLOP, JK, DUAL, WITH PRESET	G16	/30105*
54ACT11534	5962-8965802	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	N	
54116	/01503	LATCH, DUAL 4-BIT	G56	
54121	/01201*	MULTIVIBRATOR, MONOSTABLE	G8	
54122	/01202	MULTIVIBRATOR, MONOSTABLE RETRIGGERABLE	G10	
54123	/01203*	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE	G20	

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
Flip-Flops 3 - Continued				
54S174	/07105*	FLIP-FLOP, D-TYPE, QUAD	G36	/34107*
54174	/01701*	FLIP-FLOP, D-TYPE, HEX	G36	/34107*
54S175	/07106*	FLIP-FLOP, D-TYPE, QUAD	G24	/34104*
54175	/01702*	FLIP-FLOP, D-TYPE, QUAD	G24	/34104*
54HC221A	5962-8780502	MULTIVIBRATOR, DUAL NON-RETRIGGERABLE MONOSTABLE, WITH RESET	N	5962-8780501
54221	5962-8771101	MULTIVIBRATOR, DUAL MONOSTABLE	G16	/31402*
54ALS564A	5962-8872801	FLIP-FLOP, D-TYPE, OCTAL, EDGE-TRIGGERED, WITH THREE-STATE OUTPUTS	N	8400102
5470	/00206*	FLIP-FLOP, JK, SINGLE	G11	
54L71	/02101	FLIP-FLOP, RS	G8	
54L72	/02102	FLIP-FLOP, JK	G8	
5472	/00201*	FLIP-FLOP, JK, SINGLE	G8	
54L73	/02103*	FLIP-FLOP, JK, DUAL	G14	
5473	/00202*	FLIP-FLOP, JK, DUAL	G16	/30101*
54S74	/07101*	FLIP-FLOP, D-TYPE, DUAL	G12	/34101*
54L74	/02105*	FLIP-FLOP, D-TYPE, DUAL	G12	/30102*
5474	/00205*	FLIP-FLOP, D-TYPE, DUAL	G12	/34101*
5475	/01501	LATCH, 4-BIT, BISTABLE	G24	/31601*
5476	/00204	FLIP-FLOP, JK, DUAL	G16	/30110*
5477	/01502	LATCH, 4-BIT	G24	
54L78	/02104	FLIP-FLOP, JK, DUAL	G16	
5479	/00207	FLIP-FLOP, D-TYPE, DUAL	G12	
54AS823	5962-8952501	FLIP-FLOP, BUS INTERFACE, WITH THREE-STATE OUTPUTS	N	
54ALS876	8401002	FLIP-FLOP, D-TYPE, DUAL 4-BIT, WITH PRESET AND THREE-STATE INVERTED OUTPUTS	G62	
54ALS880	8403202	LATCH, D-TYPE TRANSPARENT, DUAL 4-BIT, WITH INVERTED THREE-STATE OUTPUTS	G62	
8282	8417901	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH THREE-STATE OUTPUTS	N	
8283	8417902	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH INVERTED THREE-STATE OUTPUTS	N	8417904
9308	/01503	LATCH, DUAL 4-BIT	G56	
9314	/01504	LATCH, 4-BIT, WITH MASTER RESET	G26	
9601	/01204*	MULTIVIBRATOR, ONE-SHOT	G8	
9602	/01205*	MULTIVIBRATOR, DUAL ONE-SHOT	G14	/31401*
Combinational gates 4				
1853	7901901	DECODER, N-BIT, 1-OF-8	G27	
4008A	/05401	ADDER, 4-BIT FULL	G58	
4008B	/05451*	ADDER, 4-BIT FULL	G58	
40257B	/17803	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	G41	
4028A	/05901	DECODER, BCD-TO-DECIMAL	G38	
4028B	/05951*	DECODER, BCD-TO-DECIMAL	G38	
4515B	/17302	DECODER, 4-TO-16-LINE, WITH LATCHED INPUTS	G104	
4515B	7703201	DECODER, 4-TO-16-LINE, WITH LATCHED INPUTS	G104	
4532B	/17303	PRIORITY ENCODER, 8-INPUT	G34	
4555B	/17304	DECODER/DEMUTIPLEXER, DUAL 1-TO-4-LINE	G34	
4555B	7704701	DECODER/DEMUTIPLEXER, DUAL 1-TO-4-LINE	G34	

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
Combinational gates 4 - Continued				
4556B	/17305	DECODER/DEMULTIPLEXER, DUAL 1-TO-4-LINE	G26	/65803*
4556B	7704801	DECODER/DEMULTIPLEXER, DUAL 1-TO-4-LINE	G26	/65803*
4585B	7703702	MAGNITUDE COMPARATOR, 4-BIT	G31	
54S138	/07701*	DECODER/DEMULTIPLEXER, 3-LINE-TO-8-LINE	G16	/33701*
54S138	7604101	DECODER/DEMULTIPLEXER, 3-LINE-TO-8-LINE	G16	/33701*
54S139	/07702	DECODER/DEMULTIPLEXER, DUAL 2-TO-4-LINE	G18	/33702*
54S139	7700401	DECODER/DEMULTIPLEXER, DUAL 2-TO-4-LINE	G18	/33702*
54145	/01005	DECODER, BCD-TO-DECIMAL, WITH OPEN-COLLECTOR OUTPUTS	G18	
54150	/01401	DATA SEL/MULTIPLEXER, 16-INPUT	G26	
54S151	/07901*	DATA SEL/MULTIPLEXER, 8-INPUT	G17	/33901*
54151	/01406*	DATA SEL/MULTIPLEXER, 8-INPUT	G17	/33901*
54S153	/07902*	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	G16	/33902*
54153	/01403*	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	G16	/30902*
54S157	/07903*	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	G15	/33903*
54157	/01405*	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	G19	/33903*
54S158	/07904*	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	G15	/33904*
54180	/01901*	PARITY GENERATOR/CHECKER, 8-BIT	G14	/34901*
54S181	/07801*	ALU/FUNCTION GENERATOR, 4-BIT	G63	/33801*
54181	/01101	ALU/FUNCTION GENERATOR, 4-BIT	G63	/30801*
54S182	/07802*	LOOK AHEAD CARRY GENERATOR	G19	/33802*
54182	/01102	LOOK AHEAD CARRY GENERATOR	G19	
54185A	7703001	CONVERTER, BINARY-TO-BCD, 6-BIT	N	
54S251	/07905*	DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE OUTPUTS	G17	/33905*
54S251	8002201	DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE OUTPUTS	G17	/33905*
54S253	/07908*	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH THREE-STATE OUTPUTS	G16	/33908*
54S257	/07906*	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	G15	/33906*
54S258	/07907	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE INVERTED OUTPUTS	G15	/33907*
54S258	8002301	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE INVERTED OUTPUTS	G15	/33907*
5442	/01001*	DECODER, BCD-TO-DECIMAL	G18	/30703*
5445	/01004	DECODER, BCD-TO-DECIMAL	G18	8508401
5446	/01006	DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS	G44	
5447	/01007*	DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS	G44	/30704*
5448	/01008	DECODER, BCD-TO-7-SEGMENT	G37	
5480	/00604	ADDER, FULL	G14	
5482	/00601	ADDER, 2-BIT	G21	/34201*
5483	/00602*	ADDER, 4-BIT	G36	/34201*
5485	/15001*	MAGNITUDE COMPARATOR, 4-BIT	G31	/31101*
54S85	/08201*	MAGNITUDE COMPARATOR, 4-BIT	G31	/31101*
54C85	7703701	MAGNITUDE COMPARATOR, 4-BIT	G31	8601301
54F85	5962-8606901	MAGNITUDE COMPARATOR, 4-BIT	G31	
54AS885	5962-8975701	MAGNITUDE COMPARATOR, 8-BIT	N	
54C922	5962-8752101	KEYBOARD ENCODER, 16-KEY, WITH THREE-STATE OUTPUTS	N	
7181	/01101	ALU/FUNCTION GENERATOR, 4-BIT	G63	/30801*
82S62	5962-8754301	PARITY GENERATOR/CHECKER, 9-BIT	G15	/34901*
9304	/00603	ADDER, DUAL	G22	

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
Combinational gates 4 - Continued				
9309	/01404*	DATA SEL/MULTIPLEXER, DUAL 4-INPUT	G16	/30902*
9312	/01402	DATA SEL/MULTIPLEXER, 8-INPUT	G17	
9322	/01405*	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	G19	/33903*
9324	/15002	MAGNITUDE COMPARATOR, 5-BIT	G32	
9341	/01101	ALU/FUNCTION GENERATOR, 4-BIT	G63	/30801*
9342	/01102	LOOK AHEAD CARRY GENERATOR	G19	
9383	/00602*	ADDER, 4-BIT	G36	/34201*
Sequential registers/counters 5				
14035B	8101702	SHIFT REGISTER, 4-BIT PARALLEL-IN/PARALLEL-OUT	N	/35002* 5962-8607501
25S09	5962-8672801	SHIFT REGISTER, QUAD 2-INPUT	G38	
25S10	5962-8671801	SHIFT REGISTER, 4-BIT, WITH THREE-STATE OUTPUTS	G29	
25LS299	7802402	SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL	N	/35002*
25LS399	5962-8670801	REGISTER, QUAD TWO-INPUT, HIGH-SPEED	G38	
29C921	5962-8851603	REGISTER, BUS INTERFACE, 10-WIDE, HIGH PERFORMANCE	G52	
29C923	5962-8851604	REGISTER, BUS INTERFACE, 9-WIDE, HIGH PERFORMANCE	G50	/05754*
4006A	/05701*	SHIFT REGISTER, DUAL 4-STAGE/5-STAGE	G109	
4006B	/05751	SHIFT REGISTER, DUAL 4 STAGE/5 STAGE	G109	
4014A	/05702*	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	G55	/05754*
4014B	/05752*	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	G55	
4015A	/05703*	SHIFT REGISTER, DUAL 4-STAGE	G58	
4015B	/05753*	SHIFT REGISTER, DUAL 4-STAGE	G58	/05754*
4017A	/05601*	DECADE COUNTER	G47	
4017B	/05651*	DECADE COUNTER	G47	
4018A	/05602*	COUNTER, DIVIDE-BY-N	G57	/05754*
4018B	/05652*	COUNTER, DIVIDE-BY-N	G57	
4020A	/05603*	BINARY COUNTER, 14-STAGE	G132	
4020B	/05653*	BINARY COUNTER, 14-STAGE	G132	/05754*
4021A	/05704*	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	G55	
4021B	/05754*	SHIFT REGISTER, STATIC	G55	/05754*
4021B	7901201	SHIFT REGISTER, STATIC	G55	
4022A	/05604*	COUNTER, DIVIDE-BY-8	G39	
4022B	/05654*	COUNTER, DIVIDE-BY-8	G39	/05754*
4024A	/05605*	BINARY COUNTER, 7-STAGE	G81	
4024B	/05655*	BINARY COUNTER, 7-STAGE	G81	
4029B	8101602	COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	G40	/05754*
4029B	8101601	BINARY/DECADE COUNTER, 4-BIT PRESETTABLE UP/DOWN	G40	
4031A	/05705*	SHIFT REGISTER, 64-STAGE STATIC	G263	
4031B	/05755	SHIFT REGISTER, 64-STAGE	G263	8500401
4034A	/05706	SHIFT REGISTER, 8-BIT UNIVERSAL	G56	
4034B	/05756	SHIFT REGISTER, 8-BIT UNIVERSAL	G56	
4035B	8101701	SHIFT REGISTER, 4-BIT PARALLEL-IN/PARALLEL-OUT	N	8500401
4040B	7705801	BINARY COUNTER, 12-BIT	G113	
4060A	7703101	BINARY COUNTER/DIVIDER AND OSCILLATOR, 14-STAGE RIPPLE CARRY	G133	

See footnotes at end of standard.

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
Sequential registers/counters 5 - Continued				
40768	/17501	SHIFT REGISTER, D-TYPE, 4-BIT	G52	
40948	7702501	SHIFT REGISTER/LATCH, 8-STAGE, THREE-STATE OUTPUTS	G132	
45208	7702301	BINARY COUNTER, DUAL UP/DOWN	G80	
45578	7901601	SHIFT REGISTER, 1-TO-64 BIT	N	
54160	/01303*	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	G60	/31503*
54161	/01306*	BINARY COUNTER, 4-BIT SYNCHRONOUS	G57	/31504*
54162	/01305	DECADE COUNTER, 4-BIT SYNCHRONOUS	G60	/31511*
54163A	/01304*	BINARY COUNTER, 4-BIT SYNCHRONOUS	G58	/34302*
54L164	/02802	REGISTER, 8-BIT	G36	
54164	/00903*	SHIFT REGISTER, 8-BIT PARALLEL-OUT	G36	/30605*
54165	/00904	SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT	G62	/30608*
54192	/01308	DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	G50	/31507*
54L193	/02503	COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	G48	/31508*
54193	/01309*	BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN	G48	/31508*
54S194	/07601*	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	G47	/33601*
54194	/00905*	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	G47	/30601*
54S194	7604001	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	G47	/33601*
54195	/00906	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	G41	/30602*
54AS867	5962-8966801	BINARY COUNTER, 8-BIT SYNCHRONOUS UP/DOWN, WITH ASYNCHRONOUS CLEAR	N	
54AS869	5962-8952601	BINARY COUNTER, 8-BIT SYNCHRONOUS UP/DOWN	N	
54L90	/02501	COUNTER, BINARY, 4-BIT	G15	
5490	/01307	DECADE COUNTER, 4-BIT	G15	/31501*
5492	/01301	COUNTER, DIVIDE-BY-TWELVE	326	
54L93	/02502*	BINARY COUNTER, 4-BIT	G25	/31502*
5493	/01302*	BINARY COUNTER, 4-BIT	G25	/31502*
54L95	/02801*	REGISTER, 4-BIT	G37	/30603*
5495	/00901*	SHIFT REGISTER, 4-BIT	G37	/30603*
5496	/00902	SHIFT REGISTER, 5-BIT	G39	/30604*
76L70	/02805	REGISTER, 8-BIT, SERIAL-IN, PARALLEL-OUT	G36	
93L00	/02804	REGISTER, 4-BIT	G40	
93S16	5962-8672701	BINARY COUNTER, 4-BIT	G50	/34301*
93L28	/02803	REGISTER, 16-BIT	G72	
RAM 6				
(SEE DWG)	8403605	STATIC RAM, 2K X 8, 200 NS ACCESS TIME	B16384	
(SEE DWG)	8101501	DYNAMIC RAM, 16K X 1	B16384	
(SEE DWG)	8102407	STATIC RAM, 4K X 1	B4096	
(SEE DWG)	5962-8858701	STATIC RAM, 4K X 1, 45 NS ACCESS TIME	B4096	/28901*
(SEE DWG)	8103901	STATIC RAM, 2K X 8, 90 NS ACCESS TIME	B16384	
(SEE DWG)	8103902	STATIC RAM, 2K X 8, 120 NS ACCESS TIME	B16384	
(SEE DWG)	8103903	STATIC RAM, 2K X 8, 200 NS ACCESS TIME	B16384	
(SEE DWG)	8103904	STATIC RAM, 2K X 8, 200 NS ACCESS TIME	B16384	
(SEE DWG)	8103905	STATIC RAM, 2K X 8, 200 NS ACCESS TIME	B16384	
1823	7901801	STATIC RAM, 128 X 8	B4096	
2114	/23802	STATIC RAM, 1K X 4, WITH THREE-STATE OUTPUTS	B4096	
2114A	/23804	STATIC RAM, 1K X 4	B4096	

See footnotes at end of standard.

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
RAM 6 - Continued				
2117	/24001	DYNAMIC RAM, 16K X 1, WITH THREE-STATE OUTPUTS	B16384	
2117	/24002	DYNAMIC RAM, 16K X 1, 200 NS ACCESS TIME	B16384	
2117	/24004*	DYNAMIC RAM, 16K X 1, 200 NS ACCESS TIME	B16384	
2117	/24005*	DYNAMIC RAM, 16K X 1, 250 NS ACCESS TIME	B16384	
2164	/24401*	DYNAMIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS	B65536	
2164	/24402*	DYNAMIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS	B65536	
2164	/24403*	DYNAMIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS	B65536	
4116	/24001	DYNAMIC RAM, 16K X 1, WITH THREE-STATE OUTPUTS	B16384	
4116	/24002	DYNAMIC RAM, 16K X 1, 200 NS ACCESS TIME	B16384	
4116	/24003	DYNAMIC RAM, 16K X 1, 200 NS ACCESS TIME	B16384	
4116	/24004*	DYNAMIC RAM, 16K X 1, 200 NS ACCESS TIME	B16384	
4116	/24005*	DYNAMIC RAM, 16K X 1, 250 NS ACCESS TIME	B16384	
45H16	/24001	DYNAMIC RAM, 16K X 1, WITH THREE-STATE OUTPUTS	B16384	
45H16	/24002	DYNAMIC RAM, 16K X 1, 200 NS ACCESS TIME	B16384	
45H16	/24004*	DYNAMIC RAM, 16K X 1, 200 NS ACCESS TIME	B16384	
45H16	/24005*	DYNAMIC RAM, 16K X 1, 250 NS ACCESS TIME	B16384	
4564	/24401*	DYNAMIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS	B65536	
4564	/24402*	DYNAMIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS	B65536	
4564	/24403*	DYNAMIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS	B65536	
6665	/24401*	DYNAMIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS	B65536	
6665	/24402*	DYNAMIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS	B65536	
6665	/24403*	DYNAMIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS	B65536	
82S10	/23107	STATIC RAM, 1K X 1, WITH OPEN-COLLECTOR OUTPUTS, 45 NS ACCESS TIME	B1024	
82S11	/23108*	STATIC RAM, 1K X 1, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME	B1024	
82S16	8602301	STATIC RAM, 256 X 1	B256	
8264	/24401*	DYNAMIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS	B65536	
8264	/24402*	DYNAMIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS	B65536	
8264	/24403*	DYNAMIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS	B65536	

See footnotes at end of standard.

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
RAM 6 - Continued				
91148	/23802	STATIC RAM, 1K X 4, WITH THREE-STATE OUTPUTS	84096	
91140	/23804	STATIC RAM, 1K X 4	84096	
93412	/23109	STATIC RAM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS, 60 NS ACCESS TIME	81024	
93L412	/23111	STATIC RAM, 256 X 4, LOW-POWER, WITH OPEN-COLLECTOR OUTPUTS, 75 NS ACCESS TIME	81024	
93415	/23101	STATIC RAM, 1K X 1, WITH OPEN-COLLECTOR OUTPUTS, 60 NS ACCESS TIME	81024	
93L415	/23103*	STATIC RAM, 1K X 1, LOW-POWER, WITH OPEN-COLLECTOR OUTPUTS, 70 NS ACCESS TIME	81024	
93415	/23105	STATIC RAM, 1K X 1, WITH OPEN-COLLECTOR OUTPUTS, 60 NS ACCESS TIME	81024	
93415	/23107	STATIC RAM, 1K X 1, WITH OPEN-COLLECTOR OUTPUTS, 45 NS ACCESS TIME	81024	
93419	/23201	STATIC RAM, 64 X 9, WITH OPEN-COLLECTOR OUTPUTS	8576	
93422	/23110*	STATIC RAM, 256 X 4, WITH THREE-STATE OUTPUTS, 60 NS ACCESS TIME	81024	
93L422	/23112*	STATIC RAM, 256 X 4, LOW-POWER, WITH THREE-STATE OUTPUTS, 75 NS ACCESS TIME	81024	
93422A	/23114*	STATIC RAM, 256 X 4, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME	81024	
93L422A	/23115*	STATIC RAM, 256 X 4, LOW-POWER, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME	81024	
93425	/23102*	STATIC RAM, 1K X 1, WITH THREE-STATE OUTPUTS, 60 NS ACCESS TIME	81024	
93L425	/23104*	STATIC RAM, 1K X 1, LOW-POWER, WITH THREE-STATE OUTPUTS, 70 NS ACCESS TIME	81024	
93425	/23106*	STATIC RAM, 1K X 1, WITH THREE-STATE OUTPUTS, 60 NS ACCESS TIME	81024	
93425A	/23108*	STATIC RAM, 1K X 1, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME	81024	
93L425A	/23113*	STATIC RAM, 1K X 1, LOW-POWER, WITH THREE-STATE OUTPUTS, 50 NS ACCESS TIME	81024	
ROM/PROM/PAL 7				
(SEE DWG)	7902401	PROM, 1K X 8, POWER SWITCHED, 90 NS ACCESS TIME	88192	
(SEE DWG)	8001202	PROM, UV ERASABLE, 4K X 8, 450 NS ACCESS TIME	832768	
(SEE DWG)	8001205	PROM, UV ERASABLE, 4K X 8, 350 NS ACCESS TIME	832768	
(SEE DWG)	8001206	PROM, UV ERASABLE, 4K X 8, 450 NS ACCESS TIME	832768	
(SEE DWG)	8202501	PROM, UV ERASABLE, 16K X 8, 450 NS ACCESS TIME	8131072	8202504
(SEE DWG)	8202502	PROM, UV ERASABLE, 16K X 8, 250 NS ACCESS TIME	8131072	8202505
(SEE DWG)	5962-8683004	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536	/22809*

See footnotes at end of standard.

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
ROM/PROM/PAL 7 - Continued				
(SEE DWG)	5962-8683008	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	B65536	5962-8683006
(SEE DWG)	5962-8683009	PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME	B65536	5962-8683006
(SEE DWG)	5962-8683010	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	B65536	5962-8683007
(SEE DWG)	8202508	PROM, UV ERASABLE, 16K X 8, 200 NS ACCESS TIME	B131072	8202503
(SEE DWG)	5962-8683003	PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME	B65536	/22808*
PAL10H8	/50301*	PROG. ARRAY LOGIC, 10-INPUT 8-OUTPUT AND-OR	G34	
PAL10L8	/50306*	PROG. ARRAY LOGIC, 10-INPUT 8-OUTPUT AND-OR-INVERT	G34	
PAL10H8A	/50310	PROG. ARRAY LOGIC, 16-INPUT 2-OUTPUT AND-OR	G34	
PAL10L8A	/50315	PROG. ARRAY LOGIC, 10-INPUT 8-OUTPUT AND-OR-INVERT	G34	
PAL10H8A2	/50319	PROG. ARRAY LOGIC, AND-OR	N	
PAL10L8A2	/50324	PROG. ARRAY LOGIC, AND-OR-INVERT	N	
PAL12H6	/50302*	PROG. ARRAY LOGIC, 12-INPUT 6-OUTPUT AND-OR	G36	
PAL12L6	/50307*	PROG. ARRAY LOGIC, 12-INPUT 6-OUTPUT AND-OR-INVERT	G34	
PAL12H6A	/50311	PROG. ARRAY LOGIC, 12-INPUT 6-OUTPUT AND-OR	G36	
PAL12L6A	/50316	PROG. ARRAY LOGIC, 12-INPUT 6-OUTPUT AND-OR-INVERT	G34	
PAL12H6A2	/50320	PROG. ARRAY LOGIC, AND-OR	N	
PAL12L6A2	/50325	PROG. ARRAY LOGIC, AND-OR-INVERT	N	
PAL14H4	/50303*	PROG. ARRAY LOGIC, 14-INPUT 4-OUTPUT AND-OR	G34	
PAL14L4	/50308*	PROG. ARRAY LOGIC, 14-INPUT 4-OUTPUT AND-OR-INVERT	G34	
PAL14H4A	/50312	PROG. ARRAY LOGIC, 14-INPUT 4-OUTPUT AND-OR	G34	
PAL14L4A	/50317	PROG. ARRAY LOGIC, 14-INPUT 4-OUTPUT AND-OR-INVERT	G34	
PAL14H4A2	/50321	PROG. ARRAY LOGIC, AND-OR	N	
PAL14L4A2	/50326	PROG. ARRAY LOGIC, AND-OR-INVERT	N	
PAL16C1	/50305	PROG. ARRAY LOGIC, 16-INPUT 2-OUTPUT AND-OR/AND-OR-INVERT	G35	
PAL16C1A	/50314	PROG. ARRAY LOGIC, AND-OR/AND-OR-INVERT	N	
PAL16C1A2	/50323	PROG. ARRAY LOGIC, AND-OR/AND-OR INVERT	N	
PAL16H2	/50304	PROG. ARRAY LOGIC, 16-INPUT 2-OUTPUT AND-OR	G34	
PAL16L2	/50309	PROG. ARRAY LOGIC, AND-OR-INVERT	G34	
PAL16H2A	/50313	PROG. ARRAY LOGIC, 16-INPUT 2-OUTPUT AND-OR	G34	
PAL16L2A	/50318	PROG. ARRAY LOGIC, 16-INPUT 2 OUTPUT AND-OR-INVERT	G34	
PAL16H2A2	/50322	PROG. ARRAY LOGIC, AND-OR	N	
PAL16L2A2	/50327	PROG. ARRAY LOGIC, AND-OR-INVERT	N	
PAL16X4	/50405	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR EXCLUSIVE OR	N	

See footnotes at end of standard.

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
ROM/PROM/PAL 7 - Continued				
PAL16A4	/50406	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-CARRY-OR EXCLUSIVE OR	N	/50404*
PAL16R4	8103604	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR	N	
PAL16X4	8103605	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR EXCLUSIVE OR	N	
PAL16A4	8103606	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-CARRY-OR EXCLUSIVE OR	N	
27S180	/20903	PROM, 1K X 8, WITH OPEN-COLLECTOR OUTPUTS, 90 NS ACCESS TIME	88192	
27S181	/20904*	PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME	88192	
27C256-200	/27602	PROM, UV ERASABLE, 32K X 8	8262144	
27C256-250	/27601	PROM, UV ERASABLE, 32K X 8, 250 NS ACCESS TIME	8262144	
27256-30	8411105	PROM, UV ERASABLE, 32K X 8, 300 NS ACCESS TIME	8262144	/22401*
27256-35	8411101	PROM, UV ERASABLE, 32K X 8, 350 NS ACCESS TIME	8262144	/22401*
27C64-12	8510205	PROM, UV ERASABLE, 8K X 8, 120 NS ACCESS TIME	865536	
27C64-15	8510206	PROM, UV ERASABLE, 8K X 8, 150 NS ACCESS TIME	865536	
27HC64-155	/27402	PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME	865536	
27HC64-170	/27401	PROM, UV ERASABLE, 8K X 8, 70 NS ACCESS TIME	865536	
27C64-20	8510203	PROM, UV ERASABLE, 8K X 8, 200 NS ACCESS TIME	865536	
27C64-25	8510201	PROM, UV ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536	
27C64-35	8510202	PROM, UV ERASABLE, 8K X 8, 350 NS ACCESS TIME	865536	
X2816A-25	/22704	PROM, ELECTR. ERASABLE, 2K X 8	816384	
X2816A-30	/22703*	PROM, ELECTR. ERASABLE, 2K X 8	816384	
X2816A-35	/22702*	PROM, ELECTR. ERASABLE, 2K X 8	816384	
X2816A-45	/22701*	PROM, ELECTR. ERASABLE, 2K X 8	816384	
X2864A-25	/22804	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536	
X2864A-25	/22806	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536	
X2864A-30	/22803	PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME	865536	
X2864A-35	/22802	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	865536	
X2864A-35	/22805	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	865536	
X2864A-45	/22801	PROM, ELECTR. ERASABLE, 8K X 8, 450 NS ACCESS TIME	865536	/22807*
29621	/20805	PROM, 512 X 8, WITH THREE-STATE OUTPUTS	34096	
29631	/20904*	PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME	88192	
53S1680	/21001	PROM, 2K X 8, WITH OPEN-COLLECTOR OUTPUTS	816384	
53S440	/20601	PROM, 1K X 4, WITH OPEN-COLLECTOR OUTPUTS	34096	

See footnotes at end of standard.

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
ROM/PROM/PAL 7 - Continued				
5348-1	/20804	PROM, 512 X 8, WITH OPEN-COLLECTOR OUTPUTS	84096	
5349-1	/20805	PROM, 512 X 8, WITH THREE-STATE OUTPUTS	84096	
54S472	/20805	PROM, 512 X 8, WITH THREE-STATE OUTPUTS	84096	
54S473	/20804	PROM, 512 X 8, WITH OPEN-COLLECTOR OUTPUTS	84096	
54S572	/20601	PROM, 1K X 4, WITH OPEN-COLLECTOR OUTPUTS	84096	
5564-250	/22810	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536	
5564-250	/22811	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	865536	
76160	/21001	PROM, 2K X 8, WITH OPEN-COLLECTOR OUTPUTS	816384	
7640	/20801	PROM, 512 X 8, WITH OPEN-COLLECTOR OUTPUTS	84096	
7642	/20601	PROM, 1K X 4, WITH OPEN-COLLECTOR OUTPUTS	84096	
7644	/20603	PROM, 1K X 4	84096	
7680	/20903	PROM, 1K X 8, WITH OPEN-COLLECTOR OUTPUTS, 90 NS ACCESS TIME	88192	
7681	/20904*	PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME	88192	
7684	/20901	PROM, 2K X 4, WITH OPEN-COLLECTOR OUTPUTS, 125 NS ACCESS TIME	88192	
77S180	/20903	PROM, 1K X 8, WITH OPEN-COLLECTOR OUTPUTS, 90 NS ACCESS TIME	88192	
77S181	/20904*	PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME	88192	
77S184	/20901	PROM, 2K X 4, WITH OPEN-COLLECTOR OUTPUTS, 125 NS ACCESS TIME	88192	
77S190	/21001	PROM, 2K X 8, WITH OPEN-COLLECTOR OUTPUTS	816384	
82S136	/20601	PROM, 1K X 4, WITH OPEN-COLLECTOR OUTPUTS	84096	
82S180	/20903	PROM, 1K X 8, WITH OPEN-COLLECTOR OUTPUTS, 90 NS ACCESS TIME	88192	
82S181A	/20904*	PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME	88192	
82S184	/20901	PROM, 2K X 4, WITH OPEN-COLLECTOR OUTPUTS, 125 NS ACCESS TIME	88192	
82S190	/21001	PROM, 2K X 8, WITH OPEN-COLLECTOR OUTPUTS	816384	
82S2708	/20905	PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME	88192	
93Z450	/20903	PROM, 1K X 8, WITH OPEN-COLLECTOR OUTPUTS, 90 NS ACCESS TIME	88192	
93Z451	/20904*	PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME	88192	
93452	/20601	PROM, 1K X 4, WITH OPEN-COLLECTOR OUTPUTS	84096	
93Z460	/20906	PROM, 1K X 8, WITH OPEN-COLLECTOR OUTPUTS, 90 NS ACCESS TIME	88192	
93Z461	/20905	PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME	88192	

See footnotes at end of standard.

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
ROM/PRQM/PAL 7 - Continued				
93Z510	/21003	PROM. 2K X 8. WITH OPEN-COLLECTOR OUTPUTS	816384	
Microprocessors and interface peripherals/FIFO 8				
2901A	7700701	MICROPROCESSOR. 4-BIT	G540	
AM2901	7700702	MICROPROCESSOR. 4-BIT	N	
AM2932	8605001	PROGRAM CONTROL UNIT/PUSH-POP STACK	N	
MKB4501-80	/25002*	FIFO MEMORY. 512 X 9	84608	
MKB4501-81	/25001*	FIFO MEMORY. 512 X 9	84608	
MKB4501-88	/25003*	FIFO MEMORY. 512 X 9 PARALLEL. 80 NS ACCESS TIME	N	
54LS165A	7700701	MICROPROCESSOR. 4-BIT	G540	
MKB68000-6	8202101	MICROPROCESSOR. 16-BIT FIXED INSTRUCTION	G12667	/54002*
68020-12	5962-8603201	MICROPROCESSOR. 32-BIT	N	
80C451	5962-8972601M	MICROCONTROLLER. I/O EXPANDED	N	
8080A	/42001	MICROPROCESSOR. 8-BIT. FIXED INSTRUCTION	G1100	/48002*
8080A	7700201	MICROPROCESSOR. 8-BIT. FIXED INSTRUCTION	G1100	/48002*
8085A	7901001	MICROPROCESSOR. 8-BIT. N-CHANNEL. FIXED INSTRUCTION	G2067	/48001*
80C88	5962-8601601	MICROPROCESSOR. 8-BIT	N	
8251A	5962-8754802	COMMUNICATION INTERFACE. PROGRAMMABLE	N	5962-8754801
9914A	5962-8751901	CONTROLLER. GPIB	N	
SBP9989	/46501	MICROPROCESSOR. 16-BIT	N	
Operational amplifiers 9				
OP-15A	5962-8954201	OP AMP. JFET-INPUT	N	/13503*
OP-15A	5962-8954301	OP AMP. JFET-INPUT	N	/11406*
LM2110	/10603	VOLT. FOLLOWER	T38	
2700	/12201	OP AMP. LOW-POWER	N	
3018A	/10801	TRANSISTOR ARRAY	T4	
CA3130BT	7703301	OP AMP	N	
35074	5962-8996901	OP AMP. QUAD. SINGLE SUPPLY	N	
35074A	5962-8996902	OP AMP. QUAD. SINGLE SUPPLY	N	
OP37B	5962-8853702	OP AMP. LOW-NOISE. PRECISION. HIGH-SPEED	N	5962-8853701
OP37C	5962-8853703	OP AMP. LOW-NOISE. PRECISION. HIGH-SPEED	N	5962-8853701
37	5962-8853703	OP AMP. LOW-NOISE. PRECISION. HIGH-SPEED	N	5962-8853701
OG405	5962-8995901	OP AMP. QUAD. SINGLE SUPPLY	N	
LM709	7800701	OP AMP. GENERAL PURPOSE	N	/13501*
Comparators 10				
LM106	/10303	VOLT. COMPARATOR. HIGH-SPEED	T13	/10304*
LM106	8003701	VOLT. COMPARATOR. HIGH-SPEED	T13	/10304*
HA-4902	5962-8686001	VOLT. COMPARATOR. QUAD. PRECISION	N	
710	/10301*	VOLT. COMPARATOR. DIFFERENTIAL	T9	/10304*
711	/10302*	VOLT. COMPARATOR. DUAL DIFFERENTIAL	T18	/10305*

See footnotes at end of standard.

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ Industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
Regulators 12				
LM105	5962-8958801	VOLT. REGULATOR, ADJ., POSITIVE	N	
78MG	/11701	VOLT. REGULATOR, ADJ., POSITIVE	T17	
78G	/11702	VOLT. REGULATOR, ADJ., POSITIVE	T17	
79MG	/11801	VOLT. REGULATOR, ADJ., NEGATIVE	T23	
79G	/11802	VOLT. REGULATOR, ADJ., NEGATIVE	T23	
7905A	5962-8874601	VOLT. REGULATOR, FIXED, NEGATIVE, -5V, 1.0A	N	/11501*
7912A	5962-8874701	VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A	N	/11501*
7915A	5962-8874801	VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A	N	/11503*
Drivers/Receivers 13				
(SEE DWG)	5962-8987701	TRANSCIVER, DUAL, RS232	N	
0026	7800802	CLOCK DRIVER, MOS, DUAL	G18	
0056	7800801	CLOCK DRIVER, MOS, DUAL, WITH VBB CONNECTION	N	
CT1487D	5962-8757907	BUS TRANSCIVER, DUAL CHANNEL, LOW-POWER	N	
DS1632	5962-9052201	PERIPHERAL DRIVER, DUAL NAND, CMOS COMPATIBLE OPEN COLLECTOR	N	
1854	7901701	BUS TRANSCIVER, UART	N	
26S10	5962-8672001	BUS TRANSCIVER, QUAD	G9	
26S12	5962-8753401	BUS TRANSCIVER, QUAD	T9	
26S12A	5962-8753402	BUS TRANSCIVER, QUAD	T9	
26LS32A	5962-7802003M	LINE RECEIVER, QUAD DIFFERENTIAL	G5	7802001
26LS33A	5962-7802004M	LINE RECEIVER, QUAD DIFFERENTIAL	G5	7802002
2946	5962-8672302	BUS TRANSCIVER, OCTAL BIDIRECTIONAL, WITH INVERTING THREE-STATE OUTPUTS	N	5962-8872701
54AS640	5962-8955301	BUS TRANSCIVER, OCTAL, WITH THREE-STATE OUTPUTS	N	
54AS646	5962-8759501	BUS TRANSCIVER AND REGISTER, OCTAL, WITH THREE-STATE OUTPUTS	G136	
54AS651	5962-8875301	BUS TRANSCIVER/REGISTER, OCTAL INVERTING, WITH THREE-STATE OUTPUTS	N	
54AS652	5962-8868701	BUS TRANSCIVER/REGISTER, OCTAL NONINVERTING, WITH THREE-STATE OUTPUTS	N	
55189	5962-8688801	LINE RECEIVER, QUAD	T3	5962-8688802
55450	/12901	PERIPHERAL DRIVER, DUAL NAND	G10	
55460	/12906	PERIPHERAL DRIVER, DUAL NAND	G10	
BUS-63105	5962-8604901	DRIVER-RECEIVER, SINGLE CHANNEL (INTERFACES WITH MANCHESTER ENCODER-DECODER)	N	
BUS-63125	5962-8757901	BUS TRANSCIVER, DUAL CHANNEL	N	5962-8757902
7831	8004101	LINE DRIVER/RECEIVER, DUAL DIFFERENTIAL, W/OUTPUT DIODE CLAMPING	G60	
7832	8004102	LINE DRIVER/RECEIVER, DUAL DIFFERENTIAL	G60	
BUS-8553	5962-8604905	DRIVER-RECEIVER, SINGLE CHANNEL (INTERFACES WITH MANCHESTER ENCODER-DECODER)	N	
9622	5962-8752201	LINE RECEIVER, DUAL	T16	/10404*

See footnotes at end of standard.

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
Timers 14				
555	/10903	TIMER, PRECISION	T26	
D/A converters 16				
1020	/12705	D/A CONVERTER, 10-BIT	N	5962-8778902
1218	/12707	D/A CONVERTER, 12-BIT	N	
1220	/12706	D/A CONVERTER, 12-BIT	N	
AD558S	5962-8778901	D/A CONVERTER, 8-BIT, WITH FULL MICROPROCESSOR INTERFACE	N	
7547T	5962-8965702	D/A CONVERTER, 12-BIT DUAL	N	
A/D converters 17				
574AU	5962-8512703	A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE	N	
574AT	5962-8512704	A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE	N	
Analog switches/multiplexers 18				
14551B	5962-8775301	ANALOG MULTIPLEXER/DEMULTIPLEXER, FOUR-POLE, DOUBLE-THROW	N	/11102*
DG180A	5962-8767301	ANALOG SWITCH, DUAL SPST	N	
4016A	/05801	ANALOG SWITCH, QUAD	G4	
4016B	/05851	ANALOG SWITCH, SPST, 4-CHANNEL	G4	
4052B	7901501	ANALOG MULTIPLEXER/DEMULTIPLEXER, DIFFERENTIAL 4-CHANNEL	N	
4053B	8101801	ANALOG MULTIPLEXER/DEMULTIPLEXER, TRIPLE 2-CHANNEL	N	5962-8950701
4066A	/05802	ANALOG SWITCH, SPST, 4-CHANNEL	G4	
4066B	/05852*	ANALOG SWITCH, SPST, 4-CHANNEL	G4	
4067B	/17801	ANALOG MULTIPLEXER, 16-CHANNEL	G80	
4097B	/17802	ANALOG MULTIPLEXER, 8-CHANNEL DIFFERENTIAL	G92	
Voltage references 19				
LM103H-1.8	7702801	VOLT. REFERENCE, 1.8V	N	
LM103H-2.0	7702802	VOLT. REFERENCE, 2.0V	N	
LM103H-2.2	7702803	VOLT. REFERENCE, 2.2V	N	
LM103H-2.4	7702804	VOLT. REFERENCE, 2.4V	N	
LM103H-2.7	7702805	VOLT. REFERENCE, 2.7V	N	
LM103H-3.0	7702806	VOLT. REFERENCE, 3.0V	N	
LM103H-4.7	7702811	VOLT. REFERENCE, 4.7V	N	
LM103H-5.1	7702812	VOLT. REFERENCE, 5.1V	N	
LM103H-5.6	7702813	VOLT. REFERENCE, 5.6V	N	
AD587UQ	5962-8982503	VOLT. REFERENCE, 10V	N	
Sample and hold 20				
SMP-11A	5962-8954101	SAMPLE AND HOLD AMPLIFIER, LOW-DROOP-RATE	N	

See footnotes at end of standard.

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
Analog circuit functions 24				
54LS124	7704101	OSCILLATOR, VOLTAGE-CONTROLLED, DUAL	N	8102101

See footnotes at end of standard.

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TABLE IV. Inactive or suspended military activity.

(This table contains devices which are not recommended for new design, it also includes devices which have had OPL status that has been cancelled or expired and there is no indication that a device manufacturer intends to requalify.)

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/	Preferred devices
Gates 1				
54S09	08004	AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4	/31005*
54S11	08001	AND GATE, TRIPLE 3-INPUT	G3	/34002*
54S134	07010	NAND GATE, 12-INPUT, TS	G1	
54S135	07502	EXCLUSIVE-OR/NOR GATE, QUAD	G8	
54S15	08002	AND GATE, TRIPLE 3-INPUT, WITH OPEN-COLLECTOR INPUTS	G3	
54H50	04001	AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT	G6	
54L51	04101	AND-OR-INVERT GATE, DUAL 2-WIDE	G6	/30401*
54H51	04002	AND-OR-INVERT GATE, DUAL 2-WIDE	G6	
54H53	04003	AND-OR-INVERT GATE, 2-2-2-3 INPUT	G5	
54L54	04102	AND-OR-INVERT GATE, 4-WIDE 3-2-2-3 INPUT	G5	/30402*
54H54	04004	AND-OR-INVERT GATE, 2-2-2-3 INPUT	G5	/33401*
54L55	04103	AND-OR-INVERT GATE, 2-WIDE 4-INPUT	G3	
54H55	04005	AND-OR-INVERT GATE, 2-WIDE 4-INPUT	G3	
54S65	07403	AND-OR-INVERT GATE, QUAD 4-2-3-2 INPUT	G5	
54AC86	75202	EXCLUSIVE-OR GATE, QUAD 2-INPUT	N	
Buffers 2				
1856	47601	BUS BUFFER/SEPARATOR, 4-BIT	G20	
1857	47602	BUS BUFFER/SEPARATOR, 4-BIT	G20	
54Z8	16201	BUFFER/DRIVER, NOR, QUAD 2-INPUT	G4	/30204*
932	03101	BUFFER, NAND DUAL 4-INPUT	G2	/30201*
933	03105	EXTENDER, DUAL 4-INPUT	G2	
944	03102	BUFFER, NAND DUAL 4-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G2	
957	03103	BUFFER, NAND QUAD 2-INPUT	G4	
958	03104	BUFFER, NAND QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G4	
Flip-Flops 3				
2918	44201	FLIP-FLOP, D-TYPE, QUAD, WITH STANDARD AND THREE-STATE OUTPUTS	G30	
54H101	02205	FLIP-FLOP, JK	G10	/34103*
54L121	04201	MULTIVIBRATOR, MONOSTABLE	G8	
54L122	04202	MULTIVIBRATOR, MONOSTABLE RETRIGGERABLE, W/CLEAR	G10	/31403*
54H72	02201	FLIP-FLOP, JK	G8	
54H73	02202	FLIP-FLOP, JK, DUAL	G16	
54H74	02203	FLIP-FLOP, D-TYPE, DUAL	G12	/34101*
54S74	07101	FLIP-FLOP, D-TYPE, DUAL	G12	/34101*
54H76	02204	FLIP-FLOP, JK, DUAL	G16	/30110*
9093	03304	FLIP-FLOP, JK, DUAL	G16	
93L08	04502	LATCH, DUAL 4-BIT	G60	
93L14	04501	LATCH, 4-BIT, WITH MASTER RESET	G30	
9334	16001	LATCH, 8-BIT ADDRESSABLE	G59	/31605*
945	03301	FLIP-FLOP, RS/JK	G8	
948	03302	FLIP-FLOP, RS/JK	G8	
950	03303	FLIP-FLOP, BINARY	G8	

See footnotes at end of standard.

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TABLE IV. Inactive or suspended military activity - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/	Preferred devices
Flip-Flops 3 - Continued				
951	03201	MULTIVIBRATOR, MONOSTABLE	G6	
Combinational gates 4				
1853	47401	DECODER, N-BIT, 1-OF-8	G27	/36001*
54147	15601	PRIORITY ENCODER, 10-TO-4-LINE	G31	
54148	15602	PRIORITY ENCODER, 8-LINE-TO-3-LINE	G29	
54154	15201	DECODER, 4-TO-16-LINE	G21	
54155	15202	DECODER, DUAL 2-LINE-TO-4-LINE	G15	/32602*
54156	15203	DECODER, DUAL 2-LINE-TO-4-LINE	G15	
54157	04603	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	G19	/30903*
54142	02901	DECODER, BCD-TO-DECIMAL	G18	/30703*
54143	02902	DECODER, EXCESS-3-TO-DECIMAL	G18	
5443	01002	DECODER, EXCESS-3-TO-DECIMAL	G18	
54144	02903	DECODER, EXCESS-3-GRAY-TO-DECIMAL	G18	
5444	01003	DECODER, EXCESS-3-GRAY-TO-DECIMAL	G18	
54146	02904	DISPLAY DECODER, BCD-TO-7-SEGMENT	G44	
54147	02905	DISPLAY DECODER, BCD-TO-7-SEGMENT	G44	
5449	01009	DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS	G34	
76L42A	02906	DECODER, BCD-TO-DECIMAL	G18	
8250	15204	DECODER, BINARY-TO-OCTAL	G15	
8251	15205	DECODER, 4-TO-10-LINE	G18	
8252	15206	DECODER, 4-TO-10-LINE	G18	
9301	15206	DECODER, 4-TO-10-LINE	G18	
93L01	02907	DECODER, BCD-TO-DECIMAL	G18	
93L09	04601	DATA SEL/MULTIPLEXER, 4-TO-1-LINE	G16	
9311	15201	DECODER, 4-TO-16-LINE	G21	
93L12	04602	DATA SEL/MULTIPLEXER, 8-INPUT, WITH ENABLE	G17	/30901*
9317	15802	DECODER, BCD-TO-7-SEGMENT	G46	
9318	15603	PRIORITY ENCODER, 8-INPUT	G24	
93L18	04301	PRIORITY ENCODER, 8-INPUT	G24	
9321	15801	DECODER, 1-TO-4-LINE	G18	
93L22	04603	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE	G19	/30903*
93L24	04401	COMPARATOR, 5-BIT	G28	
Sequential registers/counters 5				
54170	01801	REGISTER FILE, 4 X 4	G100	/30602*
54S195	07602	SHIFT REGISTER, 4-BIT BIDIRECTIONAL	G41	
9300	15901	SHIFT REGISTER, 4-BIT	G40	
93L10	02504	COUNTER, BCD, SYNCHRONOUS	G38	
93L16	02505	BINARY COUNTER, 4-BIT SYNCHRONOUS	G58	
9328	15902	SHIFT REGISTER, DUAL 8-BIT	G72	
9338	15701	MULTIPOINT REGISTER, 8-BIT	G98	
RAM 6				
1821	47101	STATIC RAM, 1K X 1	B1024	
1822	47102	STATIC RAM, 256 X 4	B1024	
TMS4050	23502	STATIC RAM, 4K X 1	B4096	
TMS4050	23504	STATIC RAM, 4K X 1	B4096	

See footnotes at end of standard.

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TABLE IV. *Inactive or suspended military activity* - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/	Preferred devices
RAM 6 - Continued				
TMS4060	23501	STATIC RAM, 4K X 1	84096	
TMS4060	23503	STATIC RAM, 4K X 1	84096	
MM5280	23505	STATIC RAM, 4K X 1	84096	
MM5280	23506	STATIC RAM, 4K X 1	84096	
6508	23901	STATIC RAM, 1K X 4, WITH THREE-STATE OUTPUTS	81024	
6518	23902	STATIC RAM, 1K X 4, WITH THREE-STATE OUTPUTS	81024	
MCM6604A	23602	DYNAMIC RAM, 4K X 1, WITH THREE-STATE OUTPUTS	84096	
MCM6604A	23604	STATIC RAM, 4K X 1	84096	
MCM6605	23601	DYNAMIC RAM, 4K X 1, WITH THREE-STATE OUTPUTS	84096	
MCM6605	23603	STATIC RAM, 4K X 1	84096	
6810	40201	STATIC RAM, 128 X 8	31023	
AM9130CFC	23701	STATIC RAM, 1K X 4	84096	
AM9130AFC	23702	STATIC RAM, 1K X 4	84096	
AM9130CFM	23703	STATIC RAM, 1K X 4	84096	
AM9130AFM	23704	STATIC RAM, 1K X 4	84096	
AM91L30CF	23705	STATIC RAM, 1K X 4	84096	
AM91L30AF	23706	STATIC RAM, 1K X 4	84096	
AM91L30CFM	23707	STATIC RAM, 1K X 4	84096	
AM91L30AFM	23708	STATIC RAM, 1K X 4	84096	
AM9140CFC	23709	STATIC RAM, 4K X 1	84096	
AM9140AFC	23710	STATIC RAM, 4K X 1	84096	
AM9140CFM	23711	STATIC RAM, 4K X 1	84096	
AM9140AFM	23712	STATIC RAM, 4K X 1	84096	
AM91L40CFC	23713	STATIC RAM, 4K X 1	84096	
AM91L40AFC	23714	STATIC RAM, 4K X 1	84096	
AM91L40CFM	23715	STATIC RAM, 4K X 1	84096	
AM91L40AFM	23716	STATIC RAM, 4K X 1	84096	
93410	23001	STATIC RAM, 256 X 1	8256	
93411	23003	STATIC RAM, 256 X 1, WITH OPEN-COLLECTOR OUTPUTS	8256	
93L420	23004	STATIC RAM, 256 X 1, INV.	8256	
93421	23002	STATIC RAM, 256 X 1, WITH THREE-STATE OUTPUTS	8256	
93470	23301	STATIC RAM, 4K X 1, WITH OPEN-COLLECTOR OUTPUTS	84096	
93471	23302	STATIC RAM, 4K X 1, WITH THREE-STATE OUTPUTS	84096	
ROM/PROM/PAL 7				
1832	47201	STATIC ROM, 512 X 8	84096	
2532	22201	PROM, UV ERASABLE, 4K X 8	N	
2703	22001	PROM, UV ERASABLE, 1K X 8	38192	
2716	22101	PROM, UV ERASABLE, 2K X 8, 450 NS ACCESS TIME	316384	
NMC2816	22601	PROM, ELECTR. ERASABLE, 2K X 8	316384	
34000	40301	STATIC ROM, 2K X 8, WITH THREE-STATE OUTPUTS	316384	
3516E	40301	STATIC ROM, 2K X 8, WITH THREE-STATE OUTPUTS	316384	
HPR0M-512	20101	PROM, 64 X 8, WITH OPEN-COLLECTOR OUTPUTS	3512	

See footnotes at end of standard.

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TABLE IV. Inactive or suspended military activity - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count. 1/	Preferred devices
ROM/PROM/PAL 7 - Continued				
52116	40301	STATIC ROM, 2K X 8, WITH THREE-STATE OUTPUTS	B16384	
MCM5303	20101	PROM, 64 X 8, WITH OPEN-COLLECTOR OUTPUTS	B512	
MCM5304	20102	PROM, 64 X 8	B512	
IM5603A	20201	PROM, 256 X 4	B1024	
IM5623	20202	PROM, 256 X 4	B1024	
6654	21901	PROM, UV ERASABLE, 512 X 8	B4096	
6831B	40301	STATIC ROM, 2K X 8, WITH THREE-STATE OUTPUTS	B16384	
68A316E	40301	STATIC ROM, 2K X 8, WITH THREE-STATE OUTPUTS	B16384	
9218	40301	STATIC ROM, 2K X 8, WITH THREE-STATE OUTPUTS	B16384	
Microprocessors and interface peripherals/FIFO 8				
MPY008HC2V	50004	MULTIPLIER, 8-BIT PARALLEL	N	
MPY012HC1V	50005	MULTIPLIER, 12-BIT PARALLEL	N	
MPY016HC1V	50006	MULTIPLIER, 16-BIT PARALLEL	N	
TDC1008C1V	50001	MULTIPLIER, 8-BIT PARALLEL	N	
TDC1009C1V	50002	MULTIPLIER/ACCUMULATOR, 12 X 12	N	
TDC1010C1V	50003	MULTIPLIER/ACCUMULATOR, 16 X 16	N	
1802D	47001	MICROPROCESSOR, 8-BIT	G1375	
1852	47301	I/O PORT, 8-BIT	N	
2901C	44001	MICROPROCESSOR SLICE, 4-BIT	G540	
6800	40001	MICROPROCESSOR, 8-BIT	G1300	
MC6821	40101	PERIPHERAL INTERFACE ADAPTOR	G450	
Z80APIO	48401	I/O CONTROLLER, PARALLEL	N	
Z80PIO	48402	I/O CONTROLLER, PARALLEL	N	
Z80ACTC	48301	COUNTER/TIMER UNIT, 4.0 MHZ	N	
Z80CTC	48302	COUNTER/TIMER UNIT, 2.5 MHZ	N	
Z80ADMA	48201	DMA CONTROLLER	N	
Z80DMA	48202	DMA CONTROLLER	N	
Z80ASIO/2	48101	CONTROLLER, I/O	N	
Z-80SIO/2	48102	I/O CONTROLLER, DUAL	N	
8035L	49002	MICROCOMPUTER, 8-BIT	N	
8048	49001	MICROCOMPUTER, 8-BIT	N	
8212	42101	I/O PORT, 8-BIT	N	
8228	42301	CONTROLLER/BUS DRIVER	N	
9900A	46001	MICROPROCESSOR, 16-BIT	G3100	
Drivers/Receivers 13				
MMH0026	03501	CLOCK DRIVER, MOS, DUAL	G18	
2905	44101	BUS TRANSCEIVER, QUAD 2-INPUT	N	
2906	44102	BUS TRANSCEIVER, QUAD 2-INPUT	N	
2907	44103	BUS TRANSCEIVER, QUAD, WITH INTERFACE LOGIC AND 2.0V INPUT RECEIVER THRESHOLD	G61	
2915	44104	BUS TRANSCEIVER, QUAD 2-INPUT	N	
2916	44105	BUS TRANSCEIVER, QUAD, WITH THREE-STATE OUTPUTS	N	
2917	44106	BUS TRANSCEIVER, QUAD, WITH THREE-STATE OUTPUTS	G77	
8224	42201	CLOCK GENERATOR/DRIVER	N	

See footnotes at end of standard.

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TABLE IV. Inactive or suspended military activity - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/	Preferred devices
Analog switches/multiplexers 18				
IH5046	10507	ANALOG SWITCH, OPDT, 1-CHANNEL, 75 OHMS	N	

See footnotes at end of standard.

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TABLE V. Not recommended under any circumstances.
 (Devices listed in this table will also have a preferred device for new design.)

Generic/ industry number	MIL-M- 38510/	Device type	Circuit description	Gate, bit, transistor count 1/	Preferred devices
Microprocessors and interface peripherals/FIFO 8					
SBP9900A	460	01	MICROPROCESSOR, 16-BIT FIXED INSTRUCTION (3.0 MHZ)		/53001*

See footnotes at end of standard.

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5. DETAILED REQUIREMENTS

5.1 General. The detailed requirements for standard microcircuits are contained in the applicable specifications.

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6. NOTES

6.1 Table VI - Cross reference. All devices in this table have generic/industry numbers to device type numbers, table numbers and functional descriptions.

6.2 Subject term (key word) listing.

Circuit application
Microcircuits, inactive
Microcircuits, nonusable
Microcircuits, preferred
Microcircuits, reliability
Microcircuits, replacement
Microcircuits, selection
Microcircuits, standardization

6.3 Changes from previous issue. Vertical lines or asterisks are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

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TABLE VI. Cross Reference.

(All devices in this table have generic/industry number to device type number, table numbers, functional codes, technology codes, revisions, amendment, document date, QPL status, microcircuit grouping, radiation level.)

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
(SEE DWG)		5962-3829401M	2 6 3	/ /				
(SEE DWG)		5962-3829402M	2 6 3	/ /				
(SEE DWG)		5962-3829403M	2 6 3	/ /				
(SEE DWG)		5962-3829404M	2 6 3	/ /				
(SEE DWG)		5962-3829405M	2 6 3	/ /				
(SEE DWG)		5962-3829406M	2 6 3	/ /				
(SEE DWG)		5962-3829407M	2 6 3	/ /				
(SEE DWG)		5962-3829408M	2 6 3	/ /				
(SEE DWG)		5962-3829409M	2 6 3	/ /				
(SEE DWG)		5962-3829410M	2 6 3	/ /				
(SEE DWG)		5962-3829411M	2 6 3	/ /				
(SEE DWG)		5962-3829412M	2 6 3	/ /				
(SEE DWG)		5962-3829413M	2 6 3	/ /				
(SEE DWG)		5962-3829414M	2 6 3	/ /				
(SEE DWG)		5962-3829415M	2 6 3	/ /				
(SEE DWG)		5962-3829416M	2 6 3	/ /				
(SEE DWG)		5962-3829417M	2 6 3	/ /				
(SEE DWG)		5962-3829418M	2 6 3	/ /				
(SEE DWG)		5962-3829419M	2 6 3	/ /				
(SEE DWG)		5962-3829420M	2 6 3	/ /				
(SEE DWG)		5962-3829421M	2 6 3	/ /				
(SEE DWG)		5962-3829422M	2 6 3	/ /				
(SEE DWG)		5962-3829423M	2 6 3	/ /				
(SEE DWG)		5962-3829424M	2 6 3	/ /				
(SEE DWG)		5962-3829425M	2 6 3	/ /				
(SEE DWG)		5962-3829426M	2 6 3	/ /				
(SEE DWG)		5962-3829427M	2 6 3	/ /				
(SEE DWG)		5962-3829428M	2 6 3	/ /				
(SEE DWG)		5962-3829429M	2 6 3	/ /				
(SEE DWG)		5962-3829430M	2 6 3	/ /				
(SEE DWG)		5962-3829431M	2 6 3	/ /				
(SEE DWG)		5962-3829432M	2 6 3	/ /				
(SEE DWG)		5962-3829433M	2 6 3	/ /				
(SEE DWG)		5962-8601501	2 6 3	/ /				
(SEE DWG)		5962-8601502	2 6 3	/ /				
(SEE DWG)		5962-8601503	2 6 3	/ /		41		
(SEE DWG)		5962-8601504	2 6 3	/ /				
(SEE DWG)		5962-8601505	2 6 3	/ /		41		
(SEE DWG)		5962-8601506	2 6 3	/ /		41		
(SEE DWG)		5962-8601507	2 6 3	/ /				
(SEE DWG)		5962-8601508	2 6 3	/ /		41		
(SEE DWG)		5962-8606301	2 7 3	/ /				
(SEE DWG)		5962-8606302	2 7 3	/ /		42		
(SEE DWG)		5962-8606303	2 7 3	/ /				
(SEE DWG)		5962-8606304	2 7 3	/ /				
(SEE DWG)		5962-8606305	2 7 3	/ /				
(SEE DWG)		5962-8606306	2 7 3	/ /				
(SEE DWG)		5962-8606307	2 7 3	/ /				
(SEE DWG)		5962-8606308	2 7 3	/ /				
(SEE DWG)		5962-8670502	2 6 3	/ /				
(SEE DWG)		5962-8670503	2 6 3	/ /				
(SEE DWG)		5962-8670504	2 6 3	/ /				

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
(SEE DWG)		5962-8670506	2 6 3	/ /				-
(SEE DWG)		5962-8670507	2 6 3	/ /				-
(SEE DWG)		5962-8670508	2 6 3	/ /				-
(SEE DWG)		5962-8670509	2 6 3	/ /				-
(SEE DWG)		5962-8670510	2 6 3	/ /				-
(SEE DWG)		5962-8670511	2 6 3	/ /				-
(SEE DWG)		5962-8670512	2 6 3	/ /				-
(SEE DWG)		5962-8670513	2 6 3	/ /				-
(SEE DWG)		5962-8670514	2 6 3	/ /				-
(SEE DWG)		5962-8670515	2 6 3	/ /				-
(SEE DWG)		5962-8671601	2 18 3	/ /				-
(SEE DWG)		5962-8671602	2 18 3	/ /				-
(SEE DWG)		5962-8680501	2 7 3	/ /				-
(SEE DWG)		5962-8680502	2 7 3	/ /				-
(SEE DWG)		5962-8680503	2 7 3	/ /				-
(SEE DWG)		5962-8680504	2 7 3	/ /				-
(SEE DWG)		5962-8680505	2 7 3	/ /				-
(SEE DWG)		5962-8680506	2 7 3	/ /				-
(SEE DWG)		5962-8680507	2 7 3	/ /				-
(SEE DWG)		5962-8680508	2 7 3	/ /				-
(SEE DWG)		5962-8683001	2 7 7	/ /		47		F
(SEE DWG)		5962-8683002	2 7 7	/ /		47		F
(SEE DWG)		5962-8683003	3 7 7	/ /				-
(SEE DWG)		5962-8683004	3 7 7	/ /				-
(SEE DWG)		5962-8683005	2 7 7	/ /		47		F
(SEE DWG)		5962-8683006	2 7 7	/ /		47		-
(SEE DWG)		5962-8683007	2 7 7	/ /		47		-
(SEE DWG)		5962-8683008	3 7 7	/ /				-
(SEE DWG)		5962-8683009	3 7 7	/ /				-
(SEE DWG)		5962-8683010	3 7 7	/ /				-
(SEE DWG)		5962-8685901	2 6 3	/ /				-
(SEE DWG)		5962-8685902	2 6 3	/ /				-
(SEE DWG)		5962-8685903	2 6 3	/ /				-
(SEE DWG)		5962-8685904	2 6 3	/ /				-
(SEE DWG)		5962-8685905	2 6 3	/ /				-
(SEE DWG)		5962-8685906	2 6 3	/ /				-
(SEE DWG)		5962-8685907	2 6 3	/ /				-
(SEE DWG)		5962-8685908	2 6 3	/ /				-
(SEE DWG)		5962-8685909	2 6 3	/ /				-
(SEE DWG)		5962-8685910	2 6 3	/ /				-
(SEE DWG)		5962-8685911	2 6 3	/ /				-
(SEE DWG)		5962-8685912	2 6 3	/ /				-
(SEE DWG)		5962-8685913	2 6 3	/ /				-
(SEE DWG)		5962-8685914	2 6 3	/ /				-
(SEE DWG)		5962-8685915	2 6 3	/ /				-
(SEE DWG)		5962-8685916	2 6 3	/ /				-
(SEE DWG)		5962-8685917	2 6 3	/ /				-
(SEE DWG)		5962-8685918	2 6 3	/ /				-
(SEE DWG)		5962-8685919	2 6 3	/ /				-
(SEE DWG)		5962-8685920	2 6 3	/ /				-
(SEE DWG)		5962-8685921	2 6 3	/ /				-
(SEE DWG)		5962-8685922	2 6 3	/ /				-
(SEE DWG)		5962-8685923	2 6 3	/ /				-
(SEE DWG)		5962-8685924	2 6 3	/ /				-
(SEE DWG)		5962-8686401	2 7 3	/ /				-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
(SEE DWG)		5962-8687501	2 6 3	/ /				-
(SEE DWG)		5962-8687502	2 6 3	/ /				-
(SEE DWG)		5962-8687503	2 6 3	/ /				-
(SEE DWG)		5962-8687504	2 6 3	/ /				-
(SEE DWG)		5962-8687505	2 6 3	/ /				-
(SEE DWG)		5962-8687506	2 6 3	/ /				-
(SEE DWG)		5962-8687507	2 6 3	/ /				-
(SEE DWG)		5962-8687508	2 6 3	/ /				-
(SEE DWG)		5962-8687509	2 6 3	/ /				-
(SEE DWG)		5962-8687510	2 6 3	/ /				-
(SEE DWG)		5962-8687511	2 6 3	/ /				-
(SEE DWG)		5962-8687512	2 6 3	/ /				-
(SEE DWG)		5962-8687513	2 6 3	/ /				-
(SEE DWG)		5962-8687514	2 6 3	/ /				-
(SEE DWG)		5962-8687515	2 6 3	/ /				-
(SEE DWG)		5962-8687516	2 6 3	/ /				-
(SEE DWG)		5962-8687517	2 6 3	/ /				-
(SEE DWG)		5962-8687518	2 6 3	/ /				-
(SEE DWG)		5962-8688201	2 19 12	/ /				-
(SEE DWG)		5962-8688202	2 19 12	/ /				-
(SEE DWG)		5962-8688203	2 19 12	/ /				-
(SEE DWG)		5962-8751302	2 6 3	/ /		41		F
(SEE DWG)		5962-8751401	2 7 3	/ /		42		-
(SEE DWG)		5962-8751402	2 7 3	/ /		42		-
(SEE DWG)		5962-8751403	2 7 3	/ /		42		-
(SEE DWG)		5962-8751404	2 7 3	/ /		42		-
(SEE DWG)		5962-8751405	2 7 3	/ /		42		-
(SEE DWG)		5962-8751406	2 7 3	/ /				-
(SEE DWG)		5962-8751407	2 7 3	/ /				-
(SEE DWG)		5962-8751408	2 7 3	/ /				-
(SEE DWG)		5962-8751409	2 7 3	/ /				-
(SEE DWG)		5962-8751410	2 7 3	/ /				-
(SEE DWG)		5962-8751411	2 7 3	/ /				-
(SEE DWG)		5962-8751412	2 7 3	/ /				-
(SEE DWG)		5962-8751413	2 7 3	/ /				-
(SEE DWG)		5962-8751414	2 7 3	/ /				-
(SEE DWG)		5962-8751415	2 7 3	/ /				-
(SEE DWG)		5962-8751416	2 7 3	/ /				-
(SEE DWG)		5962-8751417	2 7 3	/ /				-
(SEE DWG)		5962-8751418	2 7 3	/ /				-
(SEE DWG)		5962-8751419	2 7 3	/ /				-
(SEE DWG)		5962-8751420	2 7 3	/ /				-
(SEE DWG)		5962-8751421	2 7 3	/ /				-
(SEE DWG)		5962-8751422	2 7 3	/ /				-
(SEE DWG)		5962-8751423	2 7 3	/ /		42		-
(SEE DWG)		5962-8751424	2 7 3	/ /				-
(SEE DWG)		5962-8751425	2 7 3	/ /		42		-
(SEE DWG)		5962-8751426	2 7 3	/ /				-
(SEE DWG)		5962-8751427	2 7 3	/ /				-
(SEE DWG)		5962-8751501	2 7 3	/ /				-
(SEE DWG)		5962-8751502	2 7 3	/ /		42		-
(SEE DWG)		5962-8751503	2 7 3	/ /		42		-
(SEE DWG)		5962-8751504	2 7 3	/ /				-
(SEE DWG)		5962-8751505	2 7 3	/ /				-
(SEE DWG)		5962-8751506	2 7 3	/ /				-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number. function codes and technology codes 2/	Revision. Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
(SEE DWG)		5962-8752901	2 7 3	/ /				
(SEE DWG)		5962-8752902	2 7 3	/ /				
(SEE DWG)		5962-8753001	2 7 12	/ /				-
(SEE DWG)		5962-8753002	2 7 12	/ /				-
(SEE DWG)		5962-8753003	2 7 12	/ /				-
(SEE DWG)		5962-8753004	2 7 12	/ /				-
(SEE DWG)		5962-8764901	2 7 7	/ /				-
(SEE DWG)		5962-8764902	2 7 7	/ /				-
(SEE DWG)		5962-8764903	2 7 7	/ /				-
(SEE DWG)		5962-8765001	2 7 3	/ /				-
(SEE DWG)		5962-8765002	2 7 3	/ /				-
(SEE DWG)		5962-8765003	2 7 3	/ /				-
(SEE DWG)		5962-8765004	2 7 3	/ /				-
(SEE DWG)		5962-8765101	2 7 3	/ /				-
(SEE DWG)		5962-8766101	2 7 3	/ /				-
(SEE DWG)		5962-8766102	2 7 3	/ /				-
(SEE DWG)		5962-8766103	2 7 3	/ /				-
(SEE DWG)		5962-8766104	2 7 3	/ /				-
(SEE DWG)		5962-8766105	2 7 3	/ /				-
(SEE DWG)		5962-8766106	2 7 3	/ /				-
(SEE DWG)		5962-8766107	2 7 3	/ /				-
(SEE DWG)		5962-8766108	2 7 3	/ /				-
(SEE DWG)		5962-8770301	2 6 12	/ /				-
(SEE DWG)		5962-8770302	2 6 12	/ /				-
(SEE DWG)		5962-8770303	2 6 12	/ /				-
(SEE DWG)		5962-8774401	2 7 7	/ /				-
(SEE DWG)		5962-8774402	2 7 7	/ /				-
(SEE DWG)		5962-8851501	2 7 3	/ /				-
(SEE DWG)		5962-8851502	2 7 3	/ /				-
(SEE DWG)		5962-8851503	2 7 3	/ /				-
(SEE DWG)		5962-8851504	2 7 3	/ /				-
(SEE DWG)		5962-8851801	2 7 3	/ /				-
(SEE DWG)		5962-8851802	2 7 3	/ /				-
(SEE DWG)		5962-8851803	2 7 3	/ /				-
(SEE DWG)		5962-8852501	2 7 3	/ /		42		-
(SEE DWG)		5962-8852502	2 7 3	/ /		42		-
(SEE DWG)		5962-8852503	2 7 3	/ /		42		-
(SEE DWG)		5962-8852504	2 7 3	/ /		42		-
(SEE DWG)		5962-8852505	2 7 3	/ /		42		-
(SEE DWG)		5962-8852506	2 7 3	/ /		42		-
(SEE DWG)		5962-8852507	2 7 3	/ /				-
(SEE DWG)		5962-8854401	2 6 3	/ /				-
(SEE DWG)		5962-8854402	2 6 3	/ /				-
(SEE DWG)		5962-8854403	2 6 3	/ /				-
(SEE DWG)		5962-8854404	2 6 3	/ /				-
(SEE DWG)		5962-8854501	2 6 3	/ /				-
(SEE DWG)		5962-8854502	2 6 3	/ /				-
(SEE DWG)		5962-8854503	2 6 3	/ /				-
(SEE DWG)		5962-8854504	2 6 3	/ /				-
(SEE DWG)		5962-8854801	2 7 21	/ /				-
(SEE DWG)		5962-8854901	2 7 8	/ /				-
(SEE DWG)		5962-8854902	2 7 8	/ /				-
(SEE DWG)		5962-8855201	2 6 3	/ /				-
(SEE DWG)		5962-8855202	2 6 3	/ /				-
(SEE DWG)		5962-8855203	2 6 3	/ /				-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status		Micro- circuit group	Rad- ation level	NATO
					3/	4/	5/	6/	
(SEE DWG)		5962-8855204	2 6 3	/ /					-
(SEE DWG)		5962-8855205	2 6 3	/ /					
(SEE DWG)		5962-8855206	2 6 3	/ /					
(SEE DWG)		5962-8855207	2 6 3	/ /					
(SEE DWG)		5962-8855208	2 6 3	/ /					
(SEE DWG)		5962-8855209	2 6 3	/ /					
(SEE DWG)		5962-8858701	3 6 3	/ /					
(SEE DWG)		5962-8858702	2 6 3	/ /					
(SEE DWG)		5962-8858801	2 6 3	/ /					-
(SEE DWG)		5962-8858802	2 6 3	/ /					-
(SEE DWG)		5962-8858803	2 6 3	/ /					-
(SEE DWG)		5962-8859401	2 6 3	/ /					-
(SEE DWG)		5962-8859402	2 6 3	/ /					-
(SEE DWG)		5962-8859403	2 6 3	/ /					-
(SEE DWG)		5962-8859501	2 6 7	/ /					-
(SEE DWG)		5962-8861001	2 6 3	/ /					
(SEE DWG)		5962-8861002	2 6 3	/ /					
(SEE DWG)		5962-8861003	2 6 3	/ /					
(SEE DWG)		5962-8861004	2 6 3	/ /					
(SEE DWG)		5962-8861101	2 6 3	/ /					
(SEE DWG)		5962-8861102	2 6 3	/ /					
(SEE DWG)		5962-8861103	2 6 3	/ /					
(SEE DWG)		5962-8861104	2 6 3	/ /					
(SEE DWG)		5962-8861105	2 6 3	/ /					
(SEE DWG)		5962-8863401	2 7 3	/ /					
(SEE DWG)		5962-8863402	2 7 3	/ /					
(SEE DWG)		5962-8863403	2 7 3	/ /					
(SEE DWG)		5962-8863404	2 7 3	/ /					
(SEE DWG)		5962-8863501	2 7 3	/ /					
(SEE DWG)		5962-8864601	2 12 26	/ /					
(SEE DWG)		5962-8866201	2 6 3	/ /					-
(SEE DWG)		5962-8866202	2 6 3	/ /					-
(SEE DWG)		5962-8866203	2 6 3	/ /					-
(SEE DWG)		5962-8866204	2 6 3	/ /					-
(SEE DWG)		5962-8866501	2 6 3	/ /					
(SEE DWG)		5962-8866502	2 6 3	/ /					
(SEE DWG)		5962-8866503	2 6 3	/ /					
(SEE DWG)		5962-8866504	2 6 3	/ /					
(SEE DWG)		5962-8866505	2 6 3	/ /					
(SEE DWG)		5962-8866506	2 6 3	/ /					
(SEE DWG)		5962-8867601	2 7 3	/ /					
(SEE DWG)		5962-8867602	2 7 3	/ /					
(SEE DWG)		5962-8867603	2 7 3	/ /					
(SEE DWG)		5962-8868101	2 6 3	/ /					-
(SEE DWG)		5962-8868102	2 6 3	/ /					-
(SEE DWG)		5962-8868103	2 6 3	/ /					-
(SEE DWG)		5962-8868104	2 6 3	/ /					-
(SEE DWG)		5962-8868301	2 6 3	/ /					
(SEE DWG)		5962-8868302	2 6 3	/ /					
(SEE DWG)		5962-8868303	2 6 3	/ /					
(SEE DWG)		5962-8869001	2 7 3	/ /					
(SEE DWG)		5962-8869002	2 7 3	/ /					
(SEE DWG)		5962-8869201	2 8 16	/ /					
(SEE DWG)		5962-8869202	2 8 16	/ /					
(SEE DWG)		5962-8869203	1 8 16	/ /					

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
(SEE DWG)		5962-8869204	1 8 16	/ /				
(SEE DWG)		5962-8872501	2 6 3	/ /				
(SEE DWG)		5962-8872502	2 6 3	/ /				
(SEE DWG)		5962-8872503	2 6 3	/ /				
(SEE DWG)		5962-8872504	2 6 3	/ /				
(SEE DWG)		5962-8872505	2 6 3	/ /				
(SEE DWG)		5962-8873401	2 7 3	/ /				
(SEE DWG)		5962-8873402	2 7 3	/ /				
(SEE DWG)		5962-8873403	2 7 3	/ /				
(SEE DWG)		5962-8873404	2 7 3	/ /				
(SEE DWG)		5962-8873501	2 7 3	/ /				
(SEE DWG)		5962-8873502	2 7 3	/ /				
(SEE DWG)		5962-8873503	2 7 3	/ /				
(SEE DWG)		5962-8873504	2 7 3	/ /				
(SEE DWG)		5962-8874001	2 6 3	/ /				
(SEE DWG)		5962-8874002	2 6 3	/ /				
(SEE DWG)		5962-8875101	2 13 12	/ /				
(SEE DWG)		5962-8875102	2 13 12	/ /				
(SEE DWG)		5962-8877801	2 16 3	/ /				
(SEE DWG)		5962-8877802	2 16 3	/ /				
(SEE DWG)		5962-8952001	2 12 12	/ /				
(SEE DWG)		5962-8952101	2 12 12	/ /				
(SEE DWG)		5962-8952301	2 8 3	/ /				
(SEE DWG)		5962-8952302	2 8 3	/ /				
(SEE DWG)		5962-8952303	2 8 3	/ /				
(SEE DWG)		5962-8952304	2 8 3	/ /				
(SEE DWG)		5962-8952401	2 6 3	/ /				
(SEE DWG)		5962-8952402	2 6 3	/ /				
(SEE DWG)		5962-8952403	2 6 3	/ /				
(SEE DWG)		5962-8952404	2 6 3	/ /				
(SEE DWG)		5962-8952405	2 6 3	/ /				
(SEE DWG)		5962-8953601	2 8 3	/ /				
(SEE DWG)		5962-8953602	2 8 3	/ /				
(SEE DWG)		5962-8953603	2 8 3	/ /				
(SEE DWG)		5962-8953604	2 8 3	/ /				
(SEE DWG)		5962-8953605	2 8 3	/ /				
(SEE DWG)		5962-8953701	2 7 3	/ /				
(SEE DWG)		5962-8953702	2 7 3	/ /				
(SEE DWG)		5962-8953801	2 7 3	/ /				
(SEE DWG)		5962-8953802	2 7 3	/ /				
(SEE DWG)		5962-8954001	2 7 3	/ /				
(SEE DWG)		5962-8954002	2 7 3	/ /				
(SEE DWG)		5962-8954601	2 7 3	/ /				
(SEE DWG)		5962-8954602	2 7 3	/ /				
(SEE DWG)		5962-8954603	2 7 3	/ /				
(SEE DWG)		5962-8956701	2 8 3	/ /				
(SEE DWG)		5962-8956702	2 8 3	/ /				
(SEE DWG)		5962-8956703	2 8 3	/ /				
(SEE DWG)		5962-8956704	2 8 3	/ /				
(SEE DWG)		5962-8956705	2 8 3	/ /				
(SEE DWG)		5962-8956801	2 8 3	/ /				
(SEE DWG)		5962-8956802	2 8 3	/ /				
(SEE DWG)		5962-8956803	2 8 3	/ /				
(SEE DWG)		5962-8956804	2 8 3	/ /				
(SEE DWG)		5962-8956805	2 8 3	/ /				

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
(SEE DWG)		5962-8959001	2 7 3	/ /				
(SEE DWG)		5962-8959801M	2 6 3	/ /				
(SEE DWG)		5962-8959802M	2 6 3	/ /				
(SEE DWG)		5962-8959803M	2 6 3	/ /				
(SEE DWG)		5962-8959804M	2 6 3	/ /				
(SEE DWG)		5962-8959805M	2 6 3	/ /				
(SEE DWG)		5962-8959806M	2 6 3	/ /				
(SEE DWG)		5962-8959807M	2 6 3	/ /				
(SEE DWG)		5962-8959808M	2 6 3	/ /				
(SEE DWG)		5962-8959809M	2 6 3	/ /				
(SEE DWG)		5962-8959810M	2 6 3	/ /				
(SEE DWG)		5962-8959811M	2 6 3	/ /				
(SEE DWG)		5962-8959812M	2 6 3	/ /				
(SEE DWG)		5962-8959813M	2 6 3	/ /				
(SEE DWG)		5962-8959814M	2 6 3	/ /				
(SEE DWG)		5962-8959815M	2 6 3	/ /				
(SEE DWG)		5962-8959816M	2 6 3	/ /				
(SEE DWG)		5962-8959817M	2 6 3	/ /				
(SEE DWG)		5962-8959818M	2 6 3	/ /				
(SEE DWG)		5962-8959819M	2 6 3	/ /				
(SEE DWG)		5962-8959820M	2 6 3	/ /				
(SEE DWG)		5962-8959821M	2 6 3	/ /				
(SEE DWG)		5962-8959822M	2 6 3	/ /				
(SEE DWG)		5962-8959823M	2 6 3	/ /				
(SEE DWG)		5962-8959824M	2 6 3	/ /				
(SEE DWG)		5962-8959825M	2 6 3	/ /				
(SEE DWG)		5962-8959826M	2 6 3	/ /				
(SEE DWG)		5962-8959827M	2 6 3	/ /				
(SEE DWG)		5962-8959828M	2 6 3	/ /				
(SEE DWG)		5962-8959829M	2 6 3	/ /				
(SEE DWG)		5962-8959830M	2 6 3	/ /				
(SEE DWG)		5962-8959831M	2 6 3	/ /				
(SEE DWG)		5962-8959832M	2 6 3	/ /				
(SEE DWG)		5962-8959833M	2 6 3	/ /				
(SEE DWG)		5962-8959834M	2 6 3	/ /				
(SEE DWG)		5962-8959835M	2 6 3	/ /				
(SEE DWG)		5962-8959836M	2 6 3	/ /				
(SEE DWG)		5962-8959837M	2 6 3	/ /				
(SEE DWG)		5962-8959838M	2 6 3	/ /				
(SEE DWG)		5962-8961401M	2 7 3	/ /				
(SEE DWG)		5962-8961402M	2 7 3	/ /				
(SEE DWG)		5962-8961403M	2 7 3	/ /				
(SEE DWG)		5962-8961404M	2 7 3	/ /				
(SEE DWG)		5962-8961405M	2 7 3	/ /				
(SEE DWG)		5962-8961406M	2 7 3	/ /				
(SEE DWG)		5962-8961407M	2 7 3	/ /				
(SEE DWG)		5962-8961408M	2 7 3	/ /				
(SEE DWG)		5962-8961409M	2 7 3	/ /				
(SEE DWG)		5962-8966101	2 8 3	/ /				
(SEE DWG)		5962-8966102	2 8 3	/ /				
(SEE DWG)		5962-8966401	2 8 3	/ /				
(SEE DWG)		5962-8966402	2 8 3	/ /				
(SEE DWG)		5962-8966601	2 8 3	/ /				
(SEE DWG)		5962-8966602	2 8 3	/ /				
(SEE DWG)		5962-8966603	2 8 3	/ /				

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
(SEE DWG)		5962-8966604	2 8 3	/ /				
(SEE DWG)		5962-8966605	2 8 3	/ /				
(SEE DWG)		5962-8966606	2 8 3	/ /				
(SEE DWG)		5962-8966701	2 7 3	/ /				
(SEE DWG)		5962-8968301H	2 22 16	/ /				
(SEE DWG)		5962-8968302H	2 22 16	/ /				
(SEE DWG)		5962-8968303H	2 22 16	/ /				
(SEE DWG)		5962-8969001	2 6 3	/ /				
(SEE DWG)		5962-8969002	2 6 3	/ /				
(SEE DWG)		5962-8969201	2 6 3	/ /				
(SEE DWG)		5962-8969202	2 6 3	/ /				
(SEE DWG)		5962-8969203	2 6 3	/ /				
(SEE DWG)		5962-8969204	2 6 3	/ /				
(SEE DWG)		5962-8969601	2 6 3	/ /				
(SEE DWG)		5962-8969602	2 6 3	/ /				
(SEE DWG)		5962-8969603	2 6 3	/ /				
(SEE DWG)		5962-8969604	2 6 3	/ /				
(SEE DWG)		5962-8969605	2 6 3	/ /				
(SEE DWG)		5962-8969606	2 6 3	/ /				
(SEE DWG)		5962-8971201	2 6 3	/ /				
(SEE DWG)		5962-8971202	2 6 3	/ /				
(SEE DWG)		5962-8971203	2 6 3	/ /				
(SEE DWG)		5962-8971204	2 6 3	/ /				
(SEE DWG)		5962-8981701	2 7 3	/ /				
(SEE DWG)		5962-8981702	2 7 3	/ /				
(SEE DWG)		5962-8986301	2 8 3	/ /				
(SEE DWG)		5962-8986302	2 8 3	/ /				
(SEE DWG)		5962-8986303	2 8 3	/ /				
(SEE DWG)		5962-8986304	2 8 3	/ /				
(SEE DWG)		5962-8986305	2 8 3	/ /				
(SEE DWG)		5962-8986306	2 8 3	/ /				
(SEE DWG)		5962-8987701	3 13 3	/ /				
(SEE DWG)		5962-8988301	2 6 3	/ /				
(SEE DWG)		5962-8988302	2 6 3	/ /				
(SEE DWG)		5962-8988303	2 6 3	/ /				
(SEE DWG)		5962-8989101	2 6 3	/ /				
(SEE DWG)		5962-8989102	2 6 3	/ /				
(SEE DWG)		5962-8989103	2 6 3	/ /				
(SEE DWG)		5962-8989104	2 6 3	/ /				
(SEE DWG)		5962-8989105	2 6 3	/ /				
(SEE DWG)		5962-8989106	2 6 3	/ /				
(SEE DWG)		5962-8989201	2 6 3	/ /				
(SEE DWG)		5962-8989202	2 6 3	/ /				
(SEE DWG)		5962-8989203	2 6 3	/ /				
(SEE DWG)		5962-8989204	2 6 3	/ /				
(SEE DWG)		5962-8989205	2 6 3	/ /				
(SEE DWG)		5962-8989206	2 6 3	/ /				
(SEE DWG)		5962-8994201	2 8 3	/ /				
(SEE DWG)		5962-8994202	2 8 3	/ /				
(SEE DWG)		5962-8994203	2 8 3	/ /				
(SEE DWG)		5962-8994204	2 8 3	/ /				
(SEE DWG)		5962-8994301	2 8 3	/ /				
(SEE DWG)		5962-8994302	2 8 3	/ /				
(SEE DWG)		5962-8994303	2 8 3	/ /				
(SEE DWG)		5962-8994304	2 8 3	/ /				

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
(SEE DWG)		5962-8995101	2 6 7	/ /				
(SEE DWG)		5962-8995102	2 6 7	/ /				
(SEE DWG)		5962-8995103	2 6 7	/ /				
(SEE DWG)		5962-8998101	2 12 12	/ /				
(SEE DWG)		5962-9075401M	2 7 3	/ /				
(SEE DWG)		5962-9075402M	2 7 3	/ /				
(SEE DWG)		5962-9075403M	2 7 3	/ /				
(SEE DWG)		5962-9085801M	2 6 3	/ /				
(SEE DWG)		5962-9085803M	2 6 3	/ /				
(SEE DWG)		5962-9085804M	2 6 3	/ /				
(SEE DWG)		5962-9085805M	2 6 3	/ /				
(SEE DWG)		5962-9085806M	2 6 3	/ /				
(SEE DWG)		5962-9085807M	2 6 3	/ /				
(SEE DWG)		5962-9085808M	2 6 3	/ /				
(SEE DWG)		7705202	2 18 3	/ /		82		
(SEE DWG)		7705203	2 18 3	/ /				
(SEE DWG)		7801601	2 7 5	/ /		14		F
(SEE DWG)		7801602	2 7 12	/ /				
(SEE DWG)		7802201	2 7 7	/ /		47		
(SEE DWG)		7802205	2 7 7	/ /		47		
(SEE DWG)		7802206	2 7 7	/ /		47		
(SEE DWG)		7802207	2 7 7	/ /		47		
(SEE DWG)		7802208	2 7 7	/ /		47		
(SEE DWG)		7802209	2 7 7	/ /		47		
(SEE DWG)		7902401	3 7 5	/ /				L
(SEE DWG)		7902402	2 7 5	/ /				
(SEE DWG)		8001201	2 7 7	/ /		47		
(SEE DWG)		8001202	3 7 7	/ /		47		
(SEE DWG)		8001203	2 7 12	/ /				
(SEE DWG)		8001204	2 7 7	/ /		47		
(SEE DWG)		8001205	3 7 7	/ /		47		
(SEE DWG)		8001206	3 7 7	/ /		47		
(SEE DWG)		8001207	2 7 12	/ /				
(SEE DWG)		8001208	2 7 12	/ /				
(SEE DWG)		8001209	2 7 12	/ /				
(SEE DWG)		8001210	2 7 12	/ /				
(SEE DWG)		8001211	2 7 12	/ /				
(SEE DWG)		8101501	3 6 7	/ /				L
(SEE DWG)		8102401	2 6 3	/ /		41		F
(SEE DWG)		8102402	2 6 3	/ /		41		F
(SEE DWG)		8102403	2 6 3	/ /				
(SEE DWG)		8102404	2 6 3	/ /				
(SEE DWG)		8102405	2 6 3	/ /				
(SEE DWG)		8102406	2 6 3	/ /				
(SEE DWG)		8102407	3 6 3	/ /				
(SEE DWG)		8103901	3 6 7	/ /				
(SEE DWG)		8103902	3 6 7	/ /				
(SEE DWG)		8103903	3 6 7	/ /				
(SEE DWG)		8103904	3 6 7	/ /				
(SEE DWG)		8103905	3 6 7	/ /				
(SEE DWG)		8103906	2 6 7	/ /				
(SEE DWG)		8103907	2 6 7	/ /				
(SEE DWG)		8103908	2 6 7	/ /				
(SEE DWG)		8200801	2 7 5	/ /		14		
(SEE DWG)		8200802	2 7 5	/ /		14		F

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
(SEE DWG)		8200803	2 7 5	/ /				
(SEE DWG)		8200804	2 7 5	/ /		14		-
(SEE DWG)		8200901	2 7 5	/ /				-
(SEE DWG)		8200902	2 7 5	/ /		14		-
(SEE DWG)		8200903	2 7 5	/ /				-
(SEE DWG)		8201001	2 6 7	/ /		46		F
(SEE DWG)		8201002	2 6 7	/ /		46		F
(SEE DWG)		8201003	2 6 7	/ /		46		F
(SEE DWG)		8201004	2 6 7	/ /				-
(SEE DWG)		8201005	2 6 7	/ /				-
(SEE DWG)		8201006	2 6 7	/ /				-
(SEE DWG)		8201007	2 6 7	/ /				-
(SEE DWG)		8201008	2 6 7	/ /				-
(SEE DWG)		8201009	2 6 7	/ /				-
(SEE DWG)		8201010	2 6 7	/ /				-
(SEE DWG)		8202501	3 7 7	/ /				-
(SEE DWG)		8202502	3 7 7	/ /				-
(SEE DWG)		8202503	2 7 7	/ /				-
(SEE DWG)		8202504	2 7 7	/ /				-
(SEE DWG)		8202505	2 7 7	/ /				-
(SEE DWG)		8202506	2 7 7	/ /				-
(SEE DWG)		8202507	2 7 7	/ /				-
(SEE DWG)		8202508	3 7 7	/ /				-
(SEE DWG)		8202509	2 7 7	/ /				-
(SEE DWG)		8403601	2 6 3	/ /		46		F
(SEE DWG)		8403602	2 6 3	/ /		46		F
(SEE DWG)		8403603	2 6 3	/ /				-
(SEE DWG)		8403604	2 6 3	/ /		46		F
(SEE DWG)		8403605	3 6 3	/ /		46		F
(SEE DWG)		8403606	2 6 3	/ /		46		-
(SEE DWG)		8403607	2 6 3	/ /				-
(SEE DWG)		8403608	2 6 3	/ /				-
(SEE DWG)		8403609	2 6 3	/ /				-
(SEE DWG)		8403610	2 6 3	/ /				-
(SEE DWG)		8403611	2 6 3	/ /				-
(SEE DWG)		8403612	2 6 3	/ /				-
(SEE DWG)		8403613	2 6 3	/ /				-
(SEE DWG)		8403614	2 6 3	/ /				-
(SEE DWG)		8403615	2 6 3	/ /				-
(SEE DWG)		8403616	2 6 3	/ /				-
(SEE DWG)		8413201	2 6 3	/ /		46		F
(SEE DWG)		8413202	2 6 3	/ /		46		-
(SEE DWG)		8413203	2 6 3	/ /		46		-
(SEE DWG)		8413204	2 6 3	/ /		46		-
(SEE DWG)		8413205	2 6 3	/ /		46		-
(SEE DWG)		8413206	2 6 3	/ /		46		-
(SEE DWG)		8413207	2 6 3	/ /		46		-
(SEE DWG)		8413208	2 6 3	/ /		46		-
(SEE DWG)		8413209	2 6 3	/ /		46		-
(SEE DWG)		8515201	2 6 7	/ /				L
(SEE DWG)		8515202	2 6 7	/ /				-
(SEE DWG)		8515203	2 6 7	/ /				-
(SEE SPEC)	26501		2 7 3	07/12/90		42		-
(SEE SPEC)	26502		2 7 3	07/12/90		42		-
(SEE SPEC)	26503		2 7 3	07/12/90		42		-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
(SEE SPEC)	26504		2 7 3	07/12/90		42		
(SEE SPEC)	26505		2 7 3	07/12/90		42		
(SEE SPEC)	26506		2 7 3	07/12/90		42		
(SEE SPEC)	26507		2 7 3	07/12/90		42		
(SEE SPEC)	26508		2 7 3	07/12/90		42		
(SEE SPEC)	26509		2 7 3	07/12/90		42		
(SEE SPEC)	26510		2 7 3	07/12/90		42		
(SEE SPEC)	60001		2 25 12	2 02/27/87		121		
(SEE SPEC)	60002		2 25 12	2 02/27/87		121		F
(SEE SPEC)	60003		2 25 12	2 02/27/87		121		-
(SEE SPEC)	60501		2 25 3	A 2 02/26/88		123		-
(SEE SPEC)	60502		2 25 3	A 2 02/26/88		123		-
(SEE SPEC)	60503		2 25 3	A 2 02/26/88		123		-
(SEE SPEC)	60504		1 25 3	A 2 02/26/88	81	123		-
(SEE SPEC)	60505		2 25 3	A 2 02/26/88		123		-
(SEE SPEC)	60506		2 25 3	A 2 02/26/88		123		-
(SEE SPEC)	60507		2 25 3	A 2 02/26/88		123		-
(SEE SPEC)	60508		2 25 3	A 2 02/26/88		123		-
(SEE SPEC)	60509		2 25 3	A 2 02/26/88		123		-
(SEE SPEC)	60510		2 25 3	A 2 02/26/88		123		-
(SEE SPEC)	60511		2 25 3	A 2 02/26/88		123		-
(SEE SPEC)	60512		2 25 3	A 2 02/26/88		123		-
(SEE SPEC)	60513		2 25 3	A 2 02/26/88		123		-
(SEE SPEC)	60514		2 25 3	A 2 02/26/88		123		-
(SEE SPEC)	60515		2 25 3	A 2 02/26/88		123		-
(SEE SPEC)	60516		2 25 3	A 2 02/26/88		123		-
(SEE SPEC)	60517		2 25 3	A 2 02/26/88		123		-
(SEE SPEC)	60601		2 25 3	A 1 04/21/88				F
(SEE SPEC)	60602		2 25 3	A 1 04/21/88				F
(SEE SPEC)	60603		1 25 3	A 1 04/21/88	82			F
(SEE SPEC)	60604		1 25 3	A 1 04/21/88	32			F
(SEE SPEC)	60605		2 25 3	A 1 04/21/88				F
(SEE SPEC)	60606		1 25 3	A 1 04/21/88	32			F
(SEE SPEC)	60607		2 25 3	A 1 04/21/88				F
(SEE SPEC)	60608		1 25 3	A 1 04/21/88	81 82			F
(SEE SPEC)	60609		2 25 3	A 1 04/21/88				-
(SEE SPEC)	60610		2 25 3	A 1 04/21/88				-
(SEE SPEC)	60611		1 25 3	A 1 04/21/88	82			-
(SEE SPEC)	60612		2 25 3	A 1 04/21/88				-
(SEE SPEC)	60613		2 25 3	A 1 04/21/88				-
(SEE SPEC)	60614		2 25 3	A 1 04/21/88				-
(SEE SPEC)	60615		2 25 3	A 1 04/21/88				-
(SEE SPEC)	60616		2 25 3	A 1 04/21/88				-
(SEE SPEC)	60617		2 25 3	A 1 04/21/88				-
(SEE SPEC)	60701		2 25 3	07/06/88		123		-
(SEE SPEC)	60702		2 25 3	07/06/88		123		-
(SEE SPEC)	60703		2 25 3	07/06/88		123		-
(SEE SPEC)	60704		2 25 3	07/06/88		123		-
(SEE SPEC)	60705		2 25 3	07/06/88		123		-
(SEE SPEC)	60706		2 25 3	07/06/88		123		-
(SEE SPEC)	60707		2 25 3	07/06/88		123		-
(SEE SPEC)	60708		1 25 3	07/06/88	82	123		-
(SEE SPEC)	60709		2 25 3	07/06/88		123		-
(SEE SPEC)	60710		2 25 3	07/06/88		123		-
(SEE SPEC)	60711		1 25 3	07/06/88	81 82	123		-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
(SEE SPEC)	60712		2 25 3	07/06/88		123		
(SEE SPEC)	60713		2 25 3	07/06/88		123		
(SEE SPEC)	60714		2 25 3	07/06/88		123		
(SEE SPEC)	60715		2 25 3	07/06/88		123		
(SEE SPEC)	60716		2 25 3	07/06/88		123		
(SEE SPEC)	60717		2 25 3	07/06/88		123		
(SEE SPEC)	60801		2 25 3	11/23/88		123		-
(SEE SPEC)	60802		2 25 3	11/23/88		123		-
(SEE SPEC)	60803		2 25 3	11/23/88		123		-
(SEE SPEC)	60804		2 25 3	11/23/88		123		-
(SEE SPEC)	60805		2 25 3	11/23/88		123		-
(SEE SPEC)	60806		2 25 3	11/23/88		123		-
(SEE SPEC)	60807		2 25 3	11/23/88		123		-
(SEE SPEC)	60808		2 25 3	11/23/88		123		-
(SEE SPEC)	60809		2 25 3	11/23/88		123		-
(SEE SPEC)	60810		2 25 3	11/23/88		123		-
(SEE SPEC)	60811		1 25 3	11/23/88	B1	123		-
(SEE SPEC)	60812		2 25 3	11/23/88		123		-
(SEE SPEC)	60813		2 25 3	11/23/88		123		-
(SEE SPEC)	60814		2 25 3	11/23/88		123		-
(SEE SPEC)	60815		2 25 3	11/23/88		123		-
(SEE SPEC)	60816		2 25 3	11/23/88		123		-
(SEE SPEC)	60817		2 25 3	11/23/88		123		-
(SEE SPEC)	62001		2 8 7	12/21/87		105		-
(SEE SPEC)	62002		2 8 7	12/21/87		105		-
(SEE SPEC)	70601		1 25 12	10/28/88	B1	122		-
(SEE SPEC)	70602		1 25 12	10/28/88	B1	122		-
(SEE SPEC)	70603		1 25 12	10/28/88	B1	122		-
(SEE SPEC)	70604		2 25 12	10/28/88		122		-
ADC-HX		5962-8850801	1 17 12	/ /				
ADC-HZ		5962-8850802	1 17 12	/ /				
DAC-HKB		5962-8952801	1 16 16	/ /				
DAC-HPB		5962-8953101H	1 16 16	/ /				
DAC-HPB-1		5962-8953102H	1 16 16	/ /				
LH0002		7801301	1 9 16	/ /				-
0006		5962-8761701	1 13 16	/ /				-
0008		5962-8761702	1 13 16	/ /				-
LH0021		8508801	1 9 16	/ /				-
MMH0026	03501	7800802	4 13 14	B 02/28/84		53		L
ADC00300		5962-8854201	2 17 16	/ /				
0032		8001301	1 9 16	/ /				-
LH0033		8001401	1 9 16	/ /				-
LH0041		8508701	1 9 16	/ /				-
0056		7800801	3 13 14	/ /		53		L
MPY008HC2V	50004		4 8 1	B 08/04/86		100		-
AMP-01A		5962-8863001	2 9 26	/ /				
AMP-01B		5962-8863002	2 9 26	/ /				
CMP-01		5962-8987101	2 10 12	/ /				
REF01		5962-8958102	2 19 12	/ /				
REF01A		5962-8958101	2 19 12	/ /				
LH0101		8508902	1 9 16	/ /				-
LH0101A		8508901	1 9 16	/ /				-
MPY012HC1V	50005		4 8 1	B 08/04/86		100		-
MPY016HC1V	50006		4 8 1	B 08/04/86		100		-
PA02		5962-9067901H	2 9 16	/ /				

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
REF02A		8551401	2 19 12	/ /				-
DAC02310-112		5962-8851701	2 16 16	/ /				-
DAC02310-113		5962-8851702	2 16 16	/ /				-
MOH0268D		5962-8858101	2 13 12	/ /				-
MOH0272C		5962-8858201	2 13 12	/ /				-
HTC-0300	14201		2 20 16	08/17/88		I		-
CMP048		5962-8990403	2 10 12	/ /				-
HOS-050A		5962-8857901	1 9 26	/ /				-
SW-068		5962-8966901	2 18 12	/ /				-
HOS-060SH		5962-8857902	1 9 26	/ /				-
061	11901	8102301	2 9 15	A 08/07/87		49		-
062	11902	8102302	2 9 15	A 08/07/87		49		-
064	11903	8102303	2 9 15	A 08/07/87		49		-
OP-07		8203602	2 9 12	/ /		49		F
OP-07A	13501	8203601	1 9 12	3 12/18/87	S1	49		F
071	11904	8102304	1 9 15	A 08/07/87	B1	49		-
072	11905	8102305	1 9 15	A 08/07/87	B1	49		-
074	11906	8102306	1 9 15	A 08/07/87	B1	49		-
DAC-08	11301		1 16 12	6 04/25/79	S1	56		F
DAC-08A	11302		1 16 12	6 04/25/79	S1	56		F
DAC08		5962-8993201	2 16 12	/ /				-
MUX-08A		5962-8771601	2 18 26	/ /				-
MUX-08B		5962-8771602	2 18 26	/ /				-
Z0853004		5962-8752702	2 8 7	/ /				-
Z0853006		5962-8752701	2 8 7	/ /				-
Z0858106		5962-8752602	2 8 7	/ /				-
Z0858110		5962-8752601	2 8 7	/ /				-
BFRP10	63001		2 23 3	12/11/87		105		-
LM10		5962-8760401	2 9 12	/ /				-
REF10A	12403	5962-8947901	2 19 12	C 11/20/89		59		-
REF10B		5962-8947902	2 19 12	/ /				-
100301		5962-9152801M	2 1 13	/ /				-
100302		5962-9152802M	2 1 13	/ /				-
LT1004-1.2		5962-8859701	2 19 12	/ /				-
LT1004-2.5		5962-8859702	2 19 12	/ /				-
LT1007A		5962-8757801	2 9 12	/ /				-
TDC1008C1V	50001		4 8 1	B 08/04/86		100		-
LT1009		5962-8961001	2 19 12	/ /				-
TDC1009C1V	50002		4 8 1	B 08/04/86		100		-
INA101		5962-8778001	2 9 12	/ /				-
INA101		5962-8778002	2 9 12	/ /				-
LM101A	10103		1 9 12	G 1 05/08/87	S1	49		F
LT1010		5962-8856201	2 2 18	/ /				-
TDC1010C1V	50003		4 8 1	B 08/04/86		100		-
LT1013		5962-8876002	2 9 26	/ /				-
LT1013A		5962-8876001	2 9 26	/ /				-
LT1014		5962-8967702	2 9 12	/ /				-
LT1014A		5962-8967701	2 9 12	/ /				-
LT1016		5962-8684501	2 10 12	/ /				-
LT1017		5962-8950401	2 10 26	/ /				-
LT1018		5962-8950402	2 10 26	/ /				-
LT1019-10		5962-9059505	2 19 12	/ /				-
LT1019A-10		5962-9059501	2 19 12	/ /				-
LT1019-2.5		5962-9059508	2 19 12	/ /				-
LT1019A-2.5		5962-9059504	2 19 12	/ /				-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
LT1019-4.5		5962-9059507	2 19 12	/ /				
LT1019A-4.5		5962-9059503	2 19 12	/ /				
LT1019-5		5962-9059506	2 19 12	/ /				
LT1019A-5		5962-9059502	2 19 12	/ /				
BT102		5962-8965301	2 16 3	/ /				
LM102	10601		2 9 12	A 4 12/21/77		49		-
1020	12705		3 16 3	A 1 02/28/86		80		L
102110	12409		2 19 12	C 11/20/89		59		
LT1021BM-10		5962-8860001	2 19 12	/ /				-
LT1021CM-10		5962-8860002	2 19 12	/ /				-
LT1021DM-10		5962-8860003	2 19 12	/ /				-
10215	12407		2 19 12	C 11/20/89		59		
LT1021BM-5		5962-8876201	2 19 26	/ /				
LT1021CM-5		5962-8876202	2 19 26	/ /				
LT1021DM-5		5962-8876203	2 19 26	/ /				
10217	12408		2 19 12	C 11/20/89		59		
LT1021BM-7		5962-8864701	2 19 26	/ /				
LT1021DM-7		5962-8864702	2 19 26	/ /				
LT1022		5962-8962202	2 9 12	/ /				
LT1022A		5962-8962201	2 9 12	/ /				
LT1028AM		5962-8862202	2 9 12	/ /				
LT1028M		5962-8862201	2 9 12	/ /				
LM103H-1.8		7702801	3 19 12	/ /				L
LM103H-2.0		7702802	3 19 12	/ /				L
LM103H-2.2		7702803	3 19 12	/ /				L
LM103H-2.4		7702804	3 19 12	/ /				L
LM103H-2.7		7702805	3 19 12	/ /				L
LT1033		5962-8774101	2 12 12	/ /				-
LM103H-3.0		7702806	3 19 12	/ /				-
LM103H-3.3		7702807	2 19 12	/ /				-
LM103H-3.6		7702808	2 19 12	/ /				-
LM103H-3.9		7702809	2 19 12	/ /				-
LM103H-4.3		7702810	2 19 12	/ /				L
LM103H-4.7		7702811	3 19 12	/ /				L
LM103H-5.1		7702812	3 19 12	/ /				L
LM103H-5.6		7702813	3 19 12	/ /				L
LT1037A		5962-8856701	2 9 12	/ /				-
LM104		5962-8760501	2 12 12	/ /				-
10H416		5962-8759001	2 5 13	/ /				-
TDC1046		5962-8778601	2 17 12	/ /				-
TDC1048		5962-8760001	2 17 26	/ /				-
TDC1049		5962-8853201	2 17 12	/ /				-
LM105		5962-8958801	3 12 12	/ /				
10501	06001		1 1 13	A 08/05/85	B1	29		F
10H501		5962-8750301	2 1 13	/ /				-
10502	06002		1 1 13	A 08/05/85	B1	29		F
10H502		5962-8755701	2 1 13	/ /				-
10H503		5962-8756501	2 1 13	/ /				-
10504	06201		1 1 13	A 06/17/85	B1	29		F
10H504		5962-8750401	2 1 13	/ /				-
10505	06003		1 1 13	A 08/05/85	B1	29		F
10H505		5962-8750701	2 1 13	/ /				-
10506	06004		1 1 13	A 08/05/85	B1	29		F
10H506		5962-8756401	2 1 13	/ /				-
10507	06005		1 1 13	A 08/05/85	B1	29		F

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Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
10H507	06006	5962-8772701	2 1 13	A 08/05/85	81	29		-
10509			1 1 13					F
10H509		5962-8985601	2 1 13					-
10H513		5962-8755801	2 1 13					-
10H515		5962-8750101	2 13 13					-
10516		7800901	2 13 12					-
10H516		5962-8750201	2 13 13					-
10H518		5962-8755901	2 1 13					-
10H519		5962-8772801	2 1 13					-
LTC1052		5962-8978201	2 9 12					-
10521		5962-8857701	2 1 13					-
10H521		5962-8773001	2 1 13					-
10524	06301		1 2 13	A 06/17/85	81	30		F
10H524	06302	5962-8756001	2 2 13	A 06/17/85	81	30		-
10525			1 2 13					F
10H525	06101	5962-8750801	2 2 13	B 07/15/85	81	31		-
10531			1 3 13					F
10H531	06104	5962-8756101	2 3 13	B 07/15/85	81	31		-
10535			1 3 13					F
10H535		5962-8750501	2 3 13					-
10H536		5962-8700101	2 5 13					-
LT1054M		5962-8956201	2 24 12					-
10541		5962-8855701	2 5 13					-
10H541		5962-8751101	2 5 13					-
10545		5962-8856001	2 6 13					-
LT1055		5962-8997603	2 9 12					-
LT1055A		5962-8997601	2 9 12					-
10558		5962-8779201	2 4 13					-
10H558		5962-8756601	2 4 13					-
LT1056		5962-8997604	2 9 12					-
LT1056A		5962-8997602	2 9 12					-
10H560		5962-8756201	2 4 13					-
10H561		5962-8756701	2 4 13					-
10564		5962-8852701	2 4 13					-
10H564		5962-8772901	2 4 13					-
10H571		5962-8756801	2 4 13					-
10H574	06103	5962-8750601	2 4 13	B 07/15/85	81	31		-
10576			1 3 13					F
10H576		5962-8751201	2 3 13					-
10586		5962-8779301	2 3 13					-
10H586		5962-8756301	2 3 13					-
10H588		5962-8750901	2 2 13					-
10H589		5962-8751001	2 1 13					-
10597	06202		1 1 13	A 06/17/85	81	29		F
10598		5962-8777301	2 3 13					-
LM106	10303	8003701	3 10 12	D 06/24/88		50		-
LTC1060A		5962-8864101	2 24 12					-
10H609		5962-8756901	2 1 13					-
10H610		5962-8754101	2 1 13					-
10612	06102	5962-8775001	2 1 13	B 07/15/85	81	31		-
10631			1 3 13					F
LTC1064		5962-8948301	2 24 3					-
LTC1064-4		5962-9064901	2 24 12					-
HSD1066-341H		5962-8949904	2 24 16					-
HSD1066-341V		5962-8949905	2 24 16					-

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HSD1066-381H		5962-8949906	2 24 16	/ /				
HS1068		5962-8877601	2 17 16	/ /				
LM107		5962-8958901	2 9 12	/ /				
SP1078B		5962-8997901	2 17 16	/ /				
LM108A	10104		1 9 12	G 1 05/08/87	S1	49		F
PAL10H8	50301	8103501	3 7 12	B 09/30/87	B1	14		F
PAL10H8A	50310	8103510	3 7 12	B 09/30/87		14		-
PAL10L8	50306	8103506	3 7 12	B 09/30/87	B1	14		F
PAL10L8A	50315	8103514	3 7 12	B 09/30/87		14		-
LT1080		5962-8766601	2 13 12	/ /				-
LT1081		5962-8766602	2 13 12	/ /				-
PAL10H8A2	50319		3 7 12	B 09/30/87		14		
PAL10L8A2	50324		3 7 12	B 09/30/87		14		
LM109	10701	5962-8777401	1 12 12	C 05/29/89	S1	52		F
LTC1090		5962-8983001	2 8 12	/ /				
SMP-11A		5962-8954101	3 20 12	/ /				
LM110	10602	5962-8760601	2 9 12	A 4 12/21/77		49		-
LM111	10304	5962-8687701	1 10 12	D 06/24/88	S1	50		F
LM113		5962-8671101	2 19 12	/ /				-
LM113-1		5962-8671102	2 19 12	/ /				-
LM113-2		5962-8671103	2 19 12	/ /				-
LM117H	11703	7703401	1 12 12	A 3 06/11/81	S1	52		F
LM117HV		7703402	2 12 12	/ /				-
LM117K	11704		1 12 12	A 3 06/11/81	S1	52		F
LT117A		7703405	2 12 12	/ /				-
LT117AHV		7703407	2 12 12	/ /				-
LM118	10107		1 9 12	G 1 05/08/87	S1	49		F
LM119	10306	8601401	1 10 12	D 06/24/88	S1	50		-
LT119A	10307	8601402	1 10 12	D 06/24/88	S1	50		-
PA12M		5962-9065901H	1 9 22	/ /				-
PAL12L10		5962-8680402	2 7 12	/ /				-
1218	12707		3 16 3	A 1 02/28/86		80		L
1220	12706		3 16 3	A 1 02/28/86		80		L
SG123		5962-8777501	2 12 12	/ /				-
LM124	11005	7704301	1 9 12	B 09/11/89	S1	49		F
LM124A	11006	7704302	1 9 12	B 09/11/89	S1			-
12540		5962-8775201	2 23 13	/ /				-
PAL12H6	50302	8103502	3 7 12	B 09/30/87	B1	14		F
PAL12H6A	50311	8103511	3 7 12	B 09/30/87		14		-
PAL12L6	50307	8103507	3 7 12	B 09/30/87	B1	14		F
PAL12L6A	50316	8103515	3 7 12	B 09/30/87		14		-
PAL12H6A2	50320		3 7 12	B 09/30/87		14		
PAL12L6A2	50325		3 7 12	B 09/30/87		14		
DG129A		7801401	2 18 12	/ /				L
LM129A	12402	5962-8992101	2 19 12	C 11/20/89		59		-
LM129B	12406	5962-8992102	2 19 12	C 11/20/89		59		-
LM129C		5962-8992103	2 19 12	/ /				-
MOF1305D		5962-8858301	2 13 12	/ /				-
LM131A		5962-8760701	2 24 12	/ /				-
IHC34-15	61503		2 6 3	11/24/87		41		-
IHC34-15	61506		2 6 3	11/24/87		41		-
IHC34-20	61502		2 6 3	11/24/87		41		-
IHC34-20	61505		2 6 3	11/24/87		41		-
IHC34-25	61501		2 6 3	11/24/87		41		-
IHC34-25	61504		2 6 3	11/24/87		41		-

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LM136A-2.5		8418001	2 19 12	/ /				-
LM136A-5.0		8418002	2 19 12	/ /				-
LM137H	11803	7703403	1 12 12	4 03/31/80	S1	52		F
LM137HV		7703404	2 12 12	/ /				-
LM137K	11804		1 12 12	4 03/31/80	S1	52		F
LT137A		7703406	2 12 12	/ /				-
LT137AHV		7703408	2 12 12	/ /				-
LM138K	11706		1 12 12	A 3 06/11/81	B1	52		F
LM139	11201	7700801	1 10 12	A 2 01/27/86	S1	50		F
LM139A		5962-8773901	2 10 12	/ /				-
OP14A		5962-8771401	2 9 12	/ /				-
OP14B		5962-8771402	2 9 12	/ /				-
LM140H-05	10702		1 12 12	C 05/29/89	S1	52		F
LM140K-Q5	10706		1 12 12	C 05/29/89	S1	52		-
LM140H-12	10703		1 12 12	C 05/29/89	S1	52		F
LM140K-12	10707		1 12 12	C 05/29/89	S1	52		-
LM140H-15	10704		1 12 12	C 05/29/89	S1	52		F
LM140K-15	10708		1 12 12	C 05/29/89	S1	52		-
LM140H-24	10705		2 12 12	C 05/29/89		52		-
LM140K-24	10709		1 12 12	C 05/29/89	B1	52		-
14035B		8101702	3 5 8	/ /				-
LM143		7800303	2 9 12	/ /				-
1437		5962-8981301	2 9 12	/ /				-
LM144		7800301	2 9 12	/ /				-
PAL14H4	50303	8103503	3 7 12	B 09/30/87	B1	14		F
PAL14H4A	50312	8103512	3 7 12	B 09/30/87		14		-
PAL14L4	50308	8103508	3 7 12	B 09/30/87	B1	14		F
PAL14L4A	50317	8103516	3 7 12	B 09/30/87		14		-
PAL14H4A2	50321		3 7 12	B 09/30/87		14		-
PAL14L4A2	50326		3 7 12	B 09/30/87		14		-
14490A		5962-8764601	2 23 3	/ /				-
SDC14500-635		5962-9070701H	2 22 16	/ /				-
SDC14500-636		5962-9070702H	2 22 16	/ /				-
SDC14502-605		5962-9070703H	2 22 16	/ /				-
SDC14502-606		5962-9070704H	2 22 16	/ /				-
RDC14505-641		5962-8768703	2 22 16	/ /				-
SDC14531-631		5962-9082002H	2 22 16	/ /				-
SDC14531-690		5962-9082001H	2 22 16	/ /				-
14551B		5962-8775301	3 18 3	/ /				-
SDC14560-114		5962-8949901	2 24 16	/ /				-
SDC14560-115		5962-8949902	2 24 16	/ /				-
SDC14560-605		5962-8949903	2 24 16	/ /				-
SDC14561-114		5962-8949801	2 24 16	/ /				-
SDC14561-115		5962-8949802	2 24 16	/ /				-
SDC14565-114		5962-8990801	2 24 16	/ /				-
SDC14565-115		5962-8990802	2 24 16	/ /				-
SDC14565-616		5962-8990803	2 24 16	/ /				-
SDC14565-618		5962-8990805	2 24 16	/ /				-
SDC14566-115		5962-8990804	2 24 16	/ /				-
SDC14567-111		5962-9055101	2 22 16	/ /				-
SDC14567-112		5962-9055102	2 22 16	/ /				-
SDC14567-114		5962-9055103	2 22 16	/ /				-
SDC14567-115		5962-9055104	2 22 16	/ /				-
SDC14569-111		5962-9055105	2 22 16	/ /				-
SDC14569-112		5962-9055106	2 22 16	/ /				-

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SDC14569-114		5962-9055107	2 22 16	/ /				
SDC14569-115		5962-9055108	2 22 16	/ /				
14584		5962-8550102	3 1 8	/ /				
LM148	11001		1 9 12	B 09/11/89	S1	49		-
PA14L8		5962-8680403	2 7 12	/ /				-
CT1487D		5962-8757907	3 13 16	/ /				-
LM149	11002		2 9 12	B 09/11/89		49		-
OP-15A		5962-8954201	3 9 12	/ /				-
LM150		5962-8767501	2 12 12	/ /				-
LM150A		5962-8767502	2 12 12	/ /				-
LM150K	11705		1 12 12	A 3 06/11/81	B1			-
NHI-1500		5962-8757905	2 13 16	/ /				-
NHI-1501		5962-8944702H	2 13 16	/ /				-
NHI-1502		5962-8982603	2 13 16	/ /				-
1503A		5962-8686102	2 19 12	/ /				-
NHI-1509		5962-8604906	1 13 16	/ /				-
NHI-1523		5962-8982604	2 13 16	/ /				-
1524	12601	7802801	1 12 12	B 12/30/88	S1	52		-
1524A		5962-8764502	2 12 12	/ /				-
1524B		5962-8764501	2 12 12	/ /				-
1525A	12602	5962-8951101	1 12 12	B 12/30/88	B1	52		-
UC1525A		5962-8951103	2 12 12	/ /		52		-
1526	12603	8551501	1 12 12	B 12/30/88	B1	52		-
1526A		8551502	2 12 12	/ /				-
1527A	12604	5962-8951102	1 12 12	B 12/30/88	B1	52		-
UC1527A		5962-8951104	2 12 12	/ /		52		-
NHI-1529		5962-8952203	2 13 16	/ /				-
NHI-1531		5962-9082905H	2 13 16	/ /				-
1532		5962-8777001	2 12 26	/ /				-
1536		7800304	2 9 12	/ /				-
1543		5962-8774001	2 24 12	/ /				-
1544		5962-8774002	2 24 12	/ /				-
1545		5962-8671201	2 9 26	/ /				-
NHI-1545		5962-9082906H	2 13 16	/ /				-
1549		5962-8684901	2 18 12	/ /				-
LF155	11401		1 9 15	A 6 11/09/79	S1	49		F
LF155A	11404		1 9 15	A 6 11/09/79	S1	49		F
1553RTMP		5962-8864501	2 8 3	/ /				-
UT1553BB		5962-8862801	2 8 3	/ /				-
UT1553BBCRTM		5962-8957701	2 8 3	/ /				-
UT1553BRTI	55501	5962-8950101	1 8 3	A 03/20/91	B1	105		-
UT1553BRTIA	55502		1 23 3	A 03/20/91	B1	105		-
UT1553BRTIR		5962-8957601	2 23 3	/ /				-
15530		7802901	2 4 3	/ /				-
FC1553622		5962-8944703H	2 13 16	/ /				-
FC1553623		5962-8757906	2 13 16	/ /				-
FC155371		5962-9082901H	2 13 16	/ /				-
FC155372		5962-9082902H	2 13 16	/ /				-
FC1553721		5962-8982605	2 13 16	/ /				-
FC155391		5962-8979901	2 13 16	/ /				-
FC155392		5962-8979902	2 13 16	/ /				-
1558	10108		1 9 12	G 1 05/08/87	S1	49		F
LF156	11402		1 9 15	A 6 11/09/79	S1	49		F
LF156A	11405		1 9 15	A 6 11/09/79	S1	49		F
1568		5962-8876301	2 12 12	/ /				-

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TABLE VI. Cross Reference - Continued.

Generic/ Industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
1568		5962-8876302	2 12 12	/ /				
LF157	11403		1 9 15	A 6 11/09/79	81	49		F
LF157A	11406		1 9 15	A 6 11/09/79	81	49		F
LM1578		5962-8958601	2 12 12	/ /				
LM158		5962-8771001	2 9 12	/ /				-
LM158A		5962-8771002	2 9 12	/ /				-
CT1589D		5962-8982606	2 13 16	/ /				
CT1589M		5962-9082907H	2 13 16	/ /				
CT1589MI		5962-9082908H	2 13 16	/ /				
1590		5962-8765701	2 9 12	/ /				-
1596		5962-8857101	2 24 26	/ /				
MUX-16A		5962-8771701	2 18 26	/ /				
MUX-16B		5962-8771702	2 18 26	/ /				
OP-16A		5962-8954301	3 9 12	/ /				
WEDSP-18		5962-9070401Q	1 23 3	/ /				
LM160		5962-8767401	2 10 12	/ /				-
LM161		5962-8757203	2 10 12	/ /				-
PAL16C1	50305	8103505	3 7 12	8 09/30/87		14		-
PAL16C1A	50314		3 7 12	8 09/30/87		14		-
PLS161		5962-8850401	2 7 12	/ /				
UC1611		5962-9053801	2 24 12	/ /				
PAL16C1A2	50323		3 7 12	8 09/30/87		14		
PAL16H2	50304	8103504	3 7 12	8 09/30/87		14		-
PAL16H2A	50313	8103513	3 7 12	8 09/30/87		14		-
PAL16L2	50309	8103509	3 7 12	8 09/30/87		14		-
PAL16L2A	50318	8103517	3 7 12	8 09/30/87		14		-
PAL16H2A2	50322		3 7 12	8 09/30/87		14		
PAL16L2A2	50327		3 7 12	8 09/30/87		14		
MOR1623K		5962-8858401	2 13 12	/ /				
SG1626		5962-8871601	2 13 26	/ /				
OS1631		5962-8863101	2 13 12	/ /				
OS1632		5962-9052201	3 13 12	/ /				
OS1634		5962-8982101	2 13 3	/ /				
UC1637		5962-8995701	2 24 12	/ /				
PAL16A4	50406	8103606	3 7 12	A 2 08/30/84		14		-
PAL16R4		8103604	3 7 12	/ /		14		F
PAL16R4A	50404	8103610	1 7 12	A 2 08/30/84	81	14		F
PAL16R4B	50604		1 7 12	1 03/31/87	81	14		F
PAL16X4	50405	8103605	3 7 12	A 2 08/30/84		14		-
PAL16R4-10		5962-8515520	2 7 12	/ /				
PAL16R4-12		5962-8515516	2 7 12	/ /				
PAL16R4-15	50612	5962-8515512	2 7 12	1 03/31/87		14		-
PAL16R4A2	50410	8103614	1 7 12	A 2 08/30/84	81	14		F
PAL16R4B2	50608		1 7 12	1 03/31/87	81	14		F
C16R4-20		5962-8867812	2 7 3	/ /				
C16R4-20		5962-8871312	2 7 3	/ /				
PAL16R4-20		5962-8515504	2 7 12	/ /		14		F
C16R4-30		5962-8867808	2 7 3	/ /				
C16R4-30		5962-8871308	2 7 3	/ /				
PAL16R4-30		5962-8515508	2 7 12	/ /		14		F
PAL16R4A-4		8506504	2 7 12	/ /				-
C16R4-40		5962-8867804	2 7 3	/ /				
C16R4-40		5962-8871304	2 7 3	/ /				
PAL16L6		5962-8680404	2 7 12	/ /				-
PAL15R6		8103603	2 7 12	/ /		14		F

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
PAL16R6A	50403	8103609	1 7 12	A 2 08/30/84	B1	14		F
PAL16R6B	50603		1 7 12	1 03/31/87	B1	14		F
PAL16R6-10		5962-8515519	2 7 12	/ /				
PAL16R6-12		5962-8515515	2 7 12	/ /				
PAL16R6-15	50611	5962-8515511	2 7 12	1 03/31/87		14		-
PAL16R6A2	50409	8103613	1 7 12	A 2 08/30/84	B1	14		F
PAL16R6B2	50607		1 7 12	1 03/31/87	B1	14		F
C16R6-20		5962-8867811	2 7 3	/ /				
C16R6-20		5962-8871311	2 7 3	/ /				
PAL16R6-20		5962-8515503	2 7 12	/ /		14		F
C16R6-30		5962-8867807	2 7 3	/ /				
C16R6-30		5962-8871307	2 7 3	/ /				
PAL16R6-30		5962-8515507	2 7 12	/ /		14		F
PAL16R6A-4		8506503	2 7 12	/ /				-
C16R6-40		5962-8867803	2 7 3	/ /				
C16R6-40		5962-8871303	2 7 3	/ /				
16V8A		5962-8983901	2 7 3	/ /				
16V8A		5962-8983902	2 7 3	/ /				
16V8A		5962-8983903	2 7 3	/ /				
PAL16L8		8103601	2 7 12	/ /		14		F
PAL16L8A	50401	8103607	1 7 12	A 2 08/30/84	B1	14		F
PAL16L8B	50601		1 7 12	1 03/31/87	B1	14		F
PAL16R8		8103602	2 7 12	/ /		14		F
PAL16R8A	50402	8103608	1 7 12	A 2 08/30/84	B1	14		F
PAL16R8B	50602		1 7 12	1 03/31/87	B1	14		F
PAL16L8-10		5962-8515517	2 7 12	/ /				
PAL16R8-10		5962-8515518	2 7 12	/ /				
PAL16L8A-12		5962-8515513	2 7 12	/ /				
PAL16R8A-12		5962-8515514	2 7 12	/ /				
PAL16L8-15	50609	5962-8515509	2 7 12	1 03/31/87		14		-
PAL16R8-15	50610	5962-8515510	2 7 12	1 03/31/87		14		-
PAL16L8A2	50407	8103611	1 7 12	A 2 08/30/84	B1	14		F
PAL16L8B2	50605		1 7 12	1 03/31/87	B1	14		F
PAL16R8A2	50408	8103612	1 7 12	A 2 08/30/84	B1	14		F
PAL16R8B2	50606		1 7 12	1 03/31/87	B1	14		F
C16L8-20		5962-8867809	2 7 3	/ /				
C16L8-20		5962-8871309	2 7 3	/ /				
C16R8-20		5962-8867810	2 7 3	/ /				
C16R8-20		5962-8871310	2 7 3	/ /				
PAL16L8-20		5962-8515501	2 7 12	/ /		14		F
PAL16R8-20		5962-8515502	2 7 12	/ /		14		F
C16L8-30		5962-8867805	2 7 3	/ /				
C16L8-30		5962-8871305	2 7 3	/ /				
C16R8-30		5962-8867806	2 7 3	/ /				
C16R8-30		5962-8871306	2 7 3	/ /				
PAL16L8-30		5962-8515505	2 7 12	/ /		14		F
PAL16R8-30		5962-8515506	2 7 12	/ /		14		F
PAL16L8A-4		8506501	2 7 12	/ /				-
PAL16R8A-4		8506502	2 7 12	/ /				-
C16L8-40		5962-8867801	2 7 3	/ /				
C16L8-40		5962-8871301	2 7 3	/ /				
C16R8-40		5962-8867802	2 7 3	/ /				
C16R8-40		5962-8871302	2 7 3	/ /				
DS16F95		5962-8961501	2 13 12	/ /				
OP-17A		5962-8770601	2 9 12	/ /				-

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TABLE VI. Cross Reference - Continued.

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OP-178		5962-8770602	2 9 12	/ /				-
TSC170		5962-8963801	2 24 12	/ /				
UC1706		5962-8961101	2 13 12	/ /				
UC1707		5962-8761901	2 13 12	/ /				-
TSC171		5962-8963802	2 24 12	/ /				
PLS173		5962-8850402	2 7 12	/ /				
BX1750A		5962-8951901	2 8 3	/ /				
BX1750A		5962-8951991	2 8 3	/ /				
1750A-15		5962-8766501	2 8 3	/ /				
1750A-20		5962-8766502	2 8 3	/ /				
1750A-30		5962-8766503	2 8 3	/ /				
UT1760ARTS		5962-8957501	2 23 3	/ /				
PLS179		5962-8850701	2 7 12	/ /				-
DG180A		5962-8767301	3 18 12	/ /				-
1802D	47001		4 8 3	A 09/30/83		105		-
DG181A	11101		1 18 20	6 01/03/79	81	58		F
DG182A	11102		1 18 20	6 01/03/79	81	58		F
CT1820		5962-9063601H	2 23 16	/ /				
CT1820-2		5962-9063602H	2 23 16	/ /				
1821	47101		4 6 3	A 09/30/83		41		-
1822	47102		4 6 3	A 09/30/83		41		-
1823		7901801	3 6 3	/ /				L
1825		5962-8768101	2 12 12	/ /				-
1832	47201		4 7 3	A 08/09/83		42		-
1834		5962-8774201	2 12 12	/ /				-
DG184A	11103		1 18 20	6 01/03/79	81	58		F
PAL1814		5962-8680401	2 7 12	/ /				-
HS-1840RH		5962D8753801	2 18 12	/ /				-
1842		5962-8670401	2 12 12	/ /				-
1843		5962-8670402	2 12 12	/ /				-
1844		5962-8670403	2 12 12	/ /				-
1845		5962-8670404	2 12 12	/ /				-
1846	70201	5962-8680501	1 12 12	09/29/89	81	52		-
1847	70202	5962-8680602	2 12 12	09/29/89		52		-
DG185A	11104		1 18 20	6 01/03/79	81	58		F
LM185-1.2		5962-8759401	2 19 12	/ /				-
LM185BX1.2		5962-8759403	2 19 12	/ /				-
LM185BY1.2		5962-8759405	2 19 12	/ /				-
1852	47301		4 8 3	A 09/30/83		40		-
LM185-2.5		5962-8759402	2 19 12	/ /				-
LM185BX2.5		5962-8759404	2 19 12	/ /				-
LM185BY2.5		5962-8759406	2 19 12	/ /				-
1853	47401	7901901	4 4 3	A 09/30/83		40		-
1854		7901701	3 13 3	/ /				L
1856	47601		4 2 3	A 08/09/83		37		-
1857	47602		4 2 3	A 08/09/83		37		-
DG187A	11105		1 18 20	6 01/03/79	81	58		F
DG188A	11106		1 18 20	6 01/03/79	81	58		F
PAL18P8A		5962-8752801	2 7 12	/ /				-
PAL18P8AL		5962-8752803	2 7 12	/ /				-
PAL18P8B		5962-8752802	2 7 12	/ /				-
PAL18P8L		5962-8752804	2 7 12	/ /				-
PAL18P8Q		5962-8752805	2 7 12	/ /				-
DG190A	11107		1 18 20	6 01/03/79	81	58		F
UC1901		5962-8944101	2 24 12	/ /				

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
UC1903		5962-8869701	2 24 26	/ / /				
DG191A	11108		1 18 20	6 01/03/79	B1	58		F
LM193	11202		1 10 12	A 2 01/27/86	B1	50		F
HCPL-1931		5962-8957201	1 22 16	/ / /				-
LM194		5962-8777701	2 24 12	/ / /				-
LM195		5962-8777801	2 24 12	/ / /				-
198	12501	5962-8760801	1 20 12	1 11/03/81	S1	60		F
LM199	12404	5962-8856102	2 19 12	C 11/20/89		50		-
LM199A	12401	5962-8856101	2 19 12	C 11/20/89		50		-
LM199A-20	12405		2 19 12	C 11/20/89		50		-
DAC-HKB-2		5962-8952802	1 16 16	/ / /				-
200	12301		1 18 3	A 2 09/21/82	B1	82		-
CLC200A		5962-8991001	2 9 12	/ / /				-
OP-200A		5962-8859301	2 9 12	/ / /				-
2001	14101		1 13 12	A 05/04/88	B1	53		F
EL2001		5962-9153402M	2 24 12	/ / /				
EL2001A		5962-9153401M	2 24 12	/ / /				
2002	14102		1 13 12	A 05/04/88	B1	53		F
2003	14103		1 13 12	A 05/04/88	B1	53		F
EL2003		5962-8962301	2 24 12	/ / /				-
2004		5962-8771202	2 6 12	/ / /				-
2004	14104		1 13 12	A 05/04/88	B1	53		F
EL2004		5962-8965901	1 24 12	/ / /				-
2004-25		5962-8771201	2 6 12	/ / /				-
2005	14105		1 13 12	A 05/04/88	B1	53		F
TMC2009		5962-9099601M	2 4 3	/ / /				
201	12302	7705301	1 18 3	A 2 09/21/82	B1	82		F
CLC201A		5962-9083301H	2 9 16	/ / /				
PAL20C1		5962-8680406	2 7 12	/ / /				-
PAL20L10A		8412905	2 7 12	/ / /				-
PAL20RA10		5962-8680301	2 7 12	/ / /				-
PAL20X10A		8412907	2 7 12	/ / /				-
20G10-30		5962-8863702	2 7 3	/ / /				-
20G10-40		5962-8863701	2 7 3	/ / /				-
TMC2011V		5962-8944601	2 5 3	/ / /				
EN2015		5962-8977501	2 24 12	/ / /				
EN2015A		5962-8977502	2 24 16	/ / /				
EN2016		5962-8977601	2 24 12	/ / /				
EN2016A		5962-8977602	2 24 12	/ / /				
2018		5962-8863802	2 7 3	/ / /				
2018		5962-8863803	2 7 3	/ / /				
2018		5962-8863804	2 7 3	/ / /				
PAL20L2		5962-8680405	2 7 12	/ / /				-
EL2020		5962-8962001	2 24 12	/ / /				
TLE2021		5962-9088101M	2 9 12	/ / /				
TLE2022		5962-9088102M	2 9 12	/ / /				
TMC2023V		5962-8971101	2 23 3	/ / /				
TMC2023V1		5962-8971102	2 23 3	/ / /				
TLE2024		5962-9088103M	2 9 12	/ / /				
TLE2027M		5962-9089601M	2 9 12	/ / /				
EL2030		5962-9081801M	2 24 12	/ / /				
EL2033		5962-8962302	2 24 12	/ / /				
TLE2037M		5962-9089602M	2 9 12	/ / /				
EL2038		5962-9153501M	2 9 12	/ / /				
PAL20R4A	50504	8412904	1 7 12	2 08/30/84	B1	14		F

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
PAL20R4B		5962-8767104	2 7 12	/ /				-
PAL20X4A		8412908	2 7 12	/ /				-
EL-2041		5962-8778502	2 9 12	/ /				-
PAL20R4-15		5962-8767110	2 7 3	/ /				-
PAL20R4A-2		8412912	2 7 12	/ /		14		F
CLC206A		5962-8985801	2 9 16	/ /				-
PAL20R6A	50503	8412903	1 7 12	2 08/30/84	B1	14		F
PAL20R6B		5962-8767103	2 7 12	/ /				-
TLE2061M		5962-9080701M	2 9 12	/ /				-
PAL20R6-15		5962-8767109	2 7 3	/ /				-
PAL20R6A-2		8412911	2 7 12	/ /		14		F
TLE2062M		5962-9080801M	2 9 15	/ /				-
TLE2064		5962-9080901M	2 9 15	/ /				-
2069		5962-8753201	2 18 12	/ /				-
OP207		5962-8771501	2 9 26	/ /				-
2070		5962-8753202	2 18 12	/ /				-
20V8		5962-8984001	2 7 3	/ /				-
20V8		5962-8984002	2 7 3	/ /				-
20V8		5962-8984003	2 7 3	/ /				-
PAL20L8A	50501	8412901	1 7 12	2 08/30/84	B1	14		F
PAL20L8B		5962-8767101	2 7 12	/ /				-
PAL20R8A	50502	8412902	1 7 12	2 08/30/84	B1	14		F
PAL20R8B		5962-8767102	2 7 12	/ /				-
PAL20X8A		8412906	2 7 12	/ /				-
PLUS20L8		5962-8767105	2 7 3	/ /				-
PLUS20R8		5962-8767106	2 7 3	/ /				-
PAL20L8-15		5962-8767107	2 7 3	/ /				-
PAL20R8-15		5962-8767108	2 7 3	/ /				-
PAL20L8A-2		8412909	2 7 12	/ /		14		F
PAL20R8A-2		8412910	2 7 12	/ /		14		F
TMC208K85V		5962-8873901	2 4 3	/ /				-
TMC208K85V1		5962-8873902	2 4 3	/ /				-
2100ASG		5962-8773503	2 8 3	/ /				-
2100ATG		5962-8773504	2 8 3	/ /				-
2100SG		5962-8773501	2 8 3	/ /				-
2100TG		5962-8773502	2 8 3	/ /				-
LH2101A	10105		1 9 20	G 1 05/08/87	S1	49		F
LH2108A	10106		1 9 20	G 1 05/08/87	B1	49		F
LM2110	10603		3 9 12	A 4 12/21/77		49		L
LH2111	10305		1 10 20	0 06/24/88	S1	50		F
TMC2111V		5962-8944602	2 5 3	/ /				-
2114	23802		3 6 7	A 2 03/09/81		46		-
2114A	23804		3 6 7	A 2 03/09/81		46		-
2117	24001		3 6 7	A 05/11/89		46		L
2117	24002		3 6 7	A 05/11/89		46		L
2147	23801		1 6 7	A 2 03/09/81	B1	46		F
2147	28903		1 5 3	2 12/04/86	B1	41		F
2147H	23803		1 6 7	A 2 03/09/81	B1	46		F
2147H-2	23807		1 6 7	A 2 03/09/81	B1	46		F
2147H-3	23805		1 6 7	A 2 03/09/81	B1	46		F
2148	28904		1 6 3	2 12/04/86	B1	41		-
2148H	23806		1 6 7	A 2 03/09/81	B1	46		F
OP215A		5962-8853801	2 9 15	/ /				-
OP215B		5962-8853802	2 9 15	/ /				-
OP215BR		5962-8853803	2 9 15	/ /				-

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2167-40		8200704	2 6 7	/ /				-
2167-55		8200703	2 6 7	/ /				-
2167-70		8200702	2 6 7	/ /				-
2168-45		5962-8608105	2 6 7	/ /				-
2168-55		5962-8608101	2 6 7	/ /				-
2168-70		5962-8608102	2 6 7	/ /				-
2169-40		5962-8608106	2 6 7	/ /				-
2169-50		5962-8608103	2 6 7	/ /				-
2169-70		5962-8608104	2 6 7	/ /				-
EL2171		5962-8997302	2 9 12	/ /				-
CLC220A		5962-8991101	2 9 6	/ /				
22V10		5962-8984101	2 7 3	/ /				
22V10		5962-8984102	2 7 3	/ /				
22V10		5962-8984103	2 7 3	/ /				
22V10		5962-8984104	2 7 3	/ /				
22V10		5962-8984105	2 7 3	/ /				
C22V10		5962-8753901	2 7 3	/ /				-
C22V10		5962-8753902	2 7 3	/ /				-
C22V10		5962-8753903	2 7 3	/ /				-
C22V10		5962-8753904	2 7 3	/ /				-
C22V10		5962-8867001	2 7 3	/ /		42		-
C22V10		5962-8867002	2 7 3	/ /		42		-
C22V10		5962-8867003	2 7 3	/ /		42		-
C22V10		5962-8867004	2 7 3	/ /		42		-
C22V10	50701		2 7 3	05/12/89		42		-
C22V10	50702		2 7 3	05/12/89		42		-
C22V10	50703		2 7 3	05/12/89		42		-
C22V10L		5962-8872404	2 7 3	/ /				
C22V10L		5962-8975501	2 7 3	/ /				
C22V10L		5962-8975502	2 7 3	/ /				
C22V10L		5962-8975503	2 7 3	/ /				
PAL22V10		5962-8605302	2 7 3	/ /				-
PAL22V10A		5962-8605301	2 7 3	/ /				-
PAL22V10-12		5962-8605305	2 7 3	/ /				
C22V10-15	50804		2 7 3	11/15/90		42		
C22V10-20	50803		2 7 3	11/15/90		42		
PAL22V10-20		5962-8605304	2 7 3	/ /				
C22V10-25	50802		2 7 3	11/15/90		42		
C22V10L-25		5962-8872401	2 7 3	/ /				
PAL22VP10-25		5962-8605303	2 7 3	/ /				
C22V10-30	50801		2 7 3	11/15/90		42		
C22V10L-30		5962-8872402	2 7 3	/ /				
C22V10L-40		5962-8872403	2 7 3	/ /				
XR2211M		7705001	2 24 12	/ /				-
OP-227A	13504	5962-8688701	2 9 12	B 12/18/87		49		-
CLC231A		5962-8959401	1 9 12	/ /				
OP-237A		5962-9056801	2 9 12	/ /				
OP-237C		5962-9056802	2 9 12	/ /				
MUX-24A		5962-8771801	2 18 15	/ /				
MUX-24B		5962-8771802	2 18 15	/ /				
HA-2400		5962-8778301	2 9 12	/ /				
ARX2402		5962-8604903	1 13 16	/ /				
ARX2410		5962-9063603H	2 23 16	/ /				
ARX2411		5962-8757903	2 13 16	/ /				
2420		8001601	2 20 12	/ /				-

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Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
2452	12204	5962-8753502	2 22 16	/ / /	A 09/15/89	81	49	F
2453		5962-8952202	2 13 16	/ / /				
2500			1 9 12	/ / /				
V2500H		5962-9154502M	2 7 3	/ / /				
V2500H		5962-9154602M	2 7 3	/ / /				
V2500H	12205	5962-9154501M	2 7 3	/ / /	A 09/15/89	81	49	F
V2500H		5962-9154601M	2 7 3	/ / /				
25509		5962-8672801	3 5 12	/ / /				
2510			1 9 12	/ / /				
25510		5962-8671801	3 5 12	/ / /				
25LS174	33106		2 3 2	A 1 11/04/85	A 09/15/89	81	49	F
25LS175	33107		2 3 2	A 1 11/04/85				
2520	12206		1 9 12	/ / /				
CT2521		5962-8952205	2 13 16	/ / /				
25S240		5962-8672401	3 2 12	/ / /				
25S241	22201	5962-8672501	3 2 12	/ / /	A 11/14/83		47	-
25S244		5962-8753601	3 2 12	/ / /				
25LS2513		5962-8754201	2 4 12	/ / /				
25LS2519		5962-8670201	2 5 2	/ / /				
25LS2521		5962-8671301	2 4 2	/ / /				
25LS299		7802402	3 5 2	/ / /				
2532			4 7 7	/ / /				
25LS399		5962-8670801	3 5 2	/ / /				
HA-2541		5962-8778501	2 9 12	/ / /				
HA-2544		5962-8950201	2 9 12	/ / /				
OP-260A		5962-9053601	2 9 12	/ / /				
2600	12202		1 9 12	/ / /	A 09/15/89	81	49	F
26S02		5962-8766201	3 3 5	/ / /				
26S10		5962-8672001	3 13 12	/ / /				
26S12		5962-8753401	3 13 12	/ / /				
26S12A		5962-8753402	3 13 12	/ / /				
2620	12203		1 9 12	/ / /	A 09/15/89	81	49	F
26LS29		5962-8767001	2 13 26	/ / /				
26LS30		5962-8672101	2 13 2	/ / /				
26F31		5962-7802302M	2 13 2	/ / /				
26LS31		5962-7802301M	2 13 2	/ / /				
26F32		5962-7802005M	2 13 2	/ / /				
26LS32		5962-7802001M	2 13 2	/ / /				
26LS32A		5962-7802003M	3 13 2	/ / /				
26LS32B		5962-8761601	2 13 12	/ / /				
26LS33		5962-7802002M	2 13 2	/ / /				
26LS33A		5962-7802004M	3 13 2	/ / /				
26LS34		5962-8759601	2 13 12	/ / /				
2640		7800302	2 9 12	/ / /				
TLC2652A		5962-9089503M	2 9 12	/ / /				
TLC2652M		5962-9089501M	2 9 12	/ / /				
TLC2654M		5962-9089502M	2 9 12	/ / /				
2681		5962-8856601	2 13 7	/ / /				
2681		5962-8856602	2 13 7	/ / /				
OP-27A	13503		1 9 12	/ / /	B 12/18/87	S1	49	F
OP-270A		5962-8872101	2 9 26	/ / /				
2700		8503001	1 19 12	/ / /				
2700	12201		3 9 12	/ / /	A 09/15/89		49	L
2700U		8503002	1 19 12	/ / /				
27LS00		8602001	2 6 2	/ / /				

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Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
27LS00A		8602002	2 6 2	/ /				-
2701		8503005	1 19 12	/ /				-
2701		8503006	1 19 12	/ /				-
27LS01		8602003	2 6 2	/ /				-
27LS01A		8602004	2 6 2	/ /				-
2702S		8503003	1 19 12	/ /		01		-
2702U		8503004	1 19 12	/ /		01		-
27LS02		8605103	2 6 5	/ /				-
27S02		8605101	2 6 5	/ /				-
27S02A		8605102	2 6 5	/ /				-
27S02-20		8605107	2 6 5	/ /				-
27LS03		8605106	2 6 5	/ /				-
27S03		8605104	2 6 5	/ /				-
27S03A		8605105	2 6 5	/ /				-
27S03-20		8605108	2 6 5	/ /				-
27LS03-30		8605109	2 6 5	/ /				-
27LS07		7801504	2 6 2	/ /				-
27S07		7801503	2 6 5	/ /				-
27S07A		7801501	2 6 5	/ /				-
27S07-20		7801505	2 6 2	/ /				-
27LS07-30		7801506	2 6 2	/ /				-
2708	22001		4 7 7	A 11/15/83		47		-
OP-271A		5962-8872102	2 9 26	/ /				-
27S13		5962-8854102	2 7 5	/ /				-
27S13A		5962-8854101	2 7 5	/ /				-
2716	22101		4 7 7	A 11/14/83		47		-
27S19		5962-8670301	2 7 5	/ /				-
27S19A		5962-8670302	2 7 5	/ /				-
27PS191		5962-8552601	2 7 12	/ /				-
27PS191A		5962-8552602	2 7 12	/ /				-
TLC272		5962-8949401	2 9 12	/ /				-
TLC27L2		5962-8949403	2 9 12	/ /				-
27256-170	22403	8411104	2 7 7	06/09/86		47		-
27256-200	22402	8411103	1 7 7	06/09/86	B1	47		F
27C256-200	27602		3 7 3	12/12/88		42		-
27256-250	22401	8411102	1 7 7	06/09/86	B1	47		F
27C256-250	27601		3 7 3	12/12/88		42		-
27256-30		8411105	3 7 7	/ /				-
27256-35		8411101	3 7 7	/ /				-
27S29		5962-8769001	2 7 12	/ /				-
27S29A		5962-8769002	2 7 12	/ /				-
27PS291		5962-8552603	2 7 12	/ /				-
27PS291A		5962-8552604	2 7 12	/ /				-
27S35		5962-8670601	2 7 5	/ /				-
27S35A		5962-8670602	2 7 5	/ /				-
27S37		5962-8670603	2 7 5	/ /				-
27S37A		5962-8670604	2 7 5	/ /				-
TLC274		5962-9060401	2 9 12	/ /				-
27S45		5962-8552701	2 7 5	/ /				-
27S45A		5962-8552702	2 7 5	/ /				-
27S47		5962-8552703	2 7 5	/ /				-
27S47A		5962-8552704	2 7 5	/ /				-
27C512		5962-8764801	2 7 3	/ /				-
27C512		5962-8764802	2 7 3	/ /				-
27C512		5962-8764803	2 7 3	/ /				-

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Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status:		Micro- circuit group	Rad- ation level	NATO
					3/	4/	5/		
27C512		5962-8764804	2 7 3	/ /					
27512-20		5962-8513505	2 7 22	/ /					
27512-25		5962-8513501	2 7 22	/ /					
27512-30		5962-8513503	2 7 22	/ /					
27512-35		5962-8513502	2 7 22	/ /					
27512-45		5962-8513504	2 7 22	/ /					
27C64-12		8510205	3 7 3	/ /					
27C64-15		8510206	3 7 3	/ /					
2764-150		8200506	2 7 7	/ /					
27HC64-155	27402		3 7 3	12/13/88			42		
27HC64-170	27401		3 7 3	12/13/88			42		
2764A-20		8200505	2 7 7	/ /					
27C64-20		8510203	3 7 3	/ /			42		
2764-200		8200507	2 7 7	/ /					
27C64-200	27503		2 7 3	12/13/88			42		
2764A-25		8200504	2 7 7	/ /					
27C64-25		8510201	3 7 3	/ /			42		
2764-250		8200502	2 7 7	/ /					
27C64-250	27502		2 7 3	12/13/88			42		
2764A-35		8200503	2 7 7	/ /					
27C64-350	27501	8510202	2 7 3	12/13/88			42		
2764-450		8200501	2 7 7	/ /					
27C64-90		8510204	2 7 3	/ /					
TLC277		5962-8949402	2 9 12	/ /					
TLC27L7		5962-8949404	2 9 12	/ /					
TLC279		5962-9060402	2 9 12	/ /					
2801	14106		1 13 12	A 05/04/88	B1		53		F
28C010		5962-3826701M	2 7 3	/ /					
28C010		5962-3826702M	2 7 3	/ /					
28C010		5962-3826703M	2 7 3	/ /					
28C010		5962-3826704M	2 7 3	/ /					
28C010		5962-3826705M	2 7 3	/ /					
28C010		5962-3826706M	2 7 3	/ /					
28C010		5962-3826707M	2 7 3	/ /					
2802	14107		1 13 12	A 05/04/88	B1		53		F
2803	14108	5962-8605801	1 13 12	A 05/04/88	B1		53		F
2804	14109		1 13 12	A 05/04/88	B1		53		F
2805	14110		1 13 12	A 05/04/88	B1		53		F
AHE2812S		5962-9158001H	2 22 16	/ /					
AHE2812S-MST		5962-9158003H	2 22 16	/ /					
AHE2812S-SLV		5962-9158002H	2 22 16	/ /					
AHE2815S		5962-9162501H	2 24 16	/ /					
AHE2815S-MST		5962-9162503H	2 24 16	/ /					
AHE2815S-SLV		5962-9162502H	2 24 16	/ /					
NMC2816	22601		4 7 7	A 05/15/86			47		
X2816A-25	22704		3 7 7	03/27/87			47		
X2816A-30	22703		3 7 7	03/27/87	B1		47		F
X2816A-35	22702		3 7 7	03/27/87	B1		47		F
X2816A-45	22701		3 7 7	03/27/87	B1		47		F
28S166A	21004		1 7 5	D 05/16/86	S1		14		
2821		5962-8968401	2 24 12	/ /					
2823		5962-8968501	2 24 12	/ /					
2824		5962-8968601	2 24 12	/ /					
28C256-150	26111		2 7 3	03/27/89			42		
28C256-200	26110		2 7 3	03/27/89			42		

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Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
28C256-250	26103		1 7 3	03/27/89	B1 B2	42		
28C256-250	26106		2 7 3	03/27/89		42		
28C256-250	26109		2 7 3	03/27/89		42		
28C256-250	26112		2 7 3	03/27/89		42		
28C256-300	26108		2 7 3	03/27/89		42		
28C256-350	26107		2 7 3	03/27/89		42		
TMC28KUB5V		5962-8873903	2 4 3	/ /				
TMC28KUB5V1		5962-8873904	2 4 3	/ /				
28C64-200	26004		1 7 3	01/06/89	B2	42		
X2864A-25	22804		3 7 7	09/22/87		47		
X2864A-25	22806		3 7 7	09/22/87		47		
2864-250	22808		1 7 7	09/22/87	B1 B2	47		
2864H-250	22809		1 7 7	09/22/87	B1	47		
28C64-250	26003		1 7 3	01/06/89	B2	42		
X2864A-30	22803		3 7 7	09/22/87		47		
28C64-300	26002		1 7 3	01/06/89	B2	42		
X2864A-35	22802		3 7 7	09/22/87		47		
X2864A-35	22805		3 7 7	09/22/87		47		
2864-350	22807		1 7 7	09/22/87	B1 B2	47		
28C64-350	26001		1 7 3	01/06/89	B2	42		
X2864A-45	22801		3 7 7	09/22/87		47		
28C65-250	26006		1 7 3	01/06/89	B2	42		
28C65-350	26007		1 7 3	01/06/89	B2	42		
OP-290		5962-8978301	2 9 12	/ /				
2901A		7700701	3 8 13	/ /				
2901C	44001	8405701	4 8 13	C 07/17/86		107		
AM2901		7700702	3 8 2	/ /				
2903A		5962-8867701	2 8 12	/ /				
2904		8601701	2 8 12	/ /				
2905	44101		4 13 2	A 08/09/83		12		
2906	44102		4 13 2	A 08/09/83		12		
2907	44103	5962-8770701	4 13 12	A 08/09/83				
2909A		8602701	2 8 2	/ /				
2910		7801701	2 8 2	/ /				
2910A		7801702	2 8 2	/ /				
29C10A		5962-8770801	2 8 3	/ /				
2911A		8602801	2 8 2	/ /				
29116		5962-8686301	2 8 12	/ /				
29C116		5962-8861201	2 8 3	/ /				
29C116-1		5962-8861202	2 8 3	/ /				
29C116-2		5962-8861203	2 8 3	/ /				
2914		8602901	2 8 2	/ /				
2915	44104		4 13 2	A 08/09/83		12		
2916	44105		4 13 2	A 08/09/83		12		
2917	44106		4 13 2	A 08/09/83		12		
2917A		5962-8671401	2 13 2	/ /		12		
2918	44201	5962-8671501	4 3 2	A 08/09/83		12		
29LS18		5962-8671901	2 5 2	/ /				
2925		5962-8859801	2 8 12	/ /				
2925A		5962-8859802	2 8 12	/ /				
2930		5962-8757301	2 8 12	/ /				
AM2932		8605001	3 8 2	/ /				
2940		8603001	2 8 2	/ /				
LM2940-5.0		5962-8958701	2 12 12	/ /				
2942		5962-8680101	2 8 12	/ /				

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2946		5962-8672302	3 13 12	/ /				
2947		5962-8672301	2 13 12	/ /				
LP2951		5962-3870501M	2 12 12	/ /				-
2952A		5962-8777201	2 13 12	/ /				-
29FCT520A		5962-8873601	2 5 25	/ /				
29FCT520B		5962-8873603	2 5 25	/ /				
29FCT521A		5962-8873602	2 5 25	/ /				
29FCT521B		5962-8873604	2 5 25	/ /				
2953A		5962-8777202	2 2 12	/ /				-
2960		5962-8760201	2 8 12	/ /				-
29C60A		5962-8861303	2 8 3	/ /				-
2964B		5962-8757401	2 8 12	/ /				-
2965		5962-8670701	2 13 12	/ /				-
29651	20908		1 7 5	D 1 09/30/86	81	14		-
2966		5962-8670702	2 13 12	/ /				-
29C660A		5962-8853303	2 8 3	/ /				-
29C660B		5962-8853304	2 8 3	/ /				-
29C660C		5962-8853305	2 8 3	/ /				-
29671	21103		2 7 5	04/01/87		14		-
2968A		5962-8869601	2 8 12	/ /				-
2968A		5962-8869602	2 8 12	/ /				-
29705A		8602501	2 6 12	/ /				-
UDS2981		5962-8851901	2 13 12	/ /				-
29818A		5962-8954901	2 5 12	/ /				-
AM29C818		5962-9051501	2 5 3	/ /				-
29821A		5962-8775501	2 5 12	/ /				-
29C821		5962-8851601	2 5 3	/ /				-
29823A		5962-8775502	2 5 12	/ /				-
29C823		5962-8851602	2 5 3	/ /				-
29825A		5962-8775503	2 5 12	/ /				-
29827A		5962-8860501	2 2 12	/ /				-
29C827		5962-8766701	2 2 3	/ /				-
29828A		5962-8860502	2 2 12	/ /				-
29C828		5962-8766702	2 2 3	/ /				-
UDS2983		5962-8851902	2 13 12	/ /				-
AM29833A		5962-9051301	2 13 12	/ /				-
29C841		5962-8760301	2 8 3	/ /				-
29C843		5962-8760302	2 8 3	/ /				-
29C853		5962-8857301	2 13 3	/ /				-
AM29853A		5962-9051302	2 13 12	/ /				-
29C855		5962-8857302	2 13 3	/ /				-
AM29855A		5962-9051303	2 13 12	/ /				-
29861A		5962-8860401	2 13 12	/ /				-
29C861		5962-8770401	2 13 21	/ /				-
29863A		5962-8860402	2 13 12	/ /				-
29C863		5962-8770402	2 13 21	/ /				-
29921A		5962-8775504	2 5 12	/ /				-
29C921		5962-8851603	3 5 3	/ /				-
29923A		5962-8775505	2 5 12	/ /				-
29C923		5962-8851604	3 5 3	/ /				-
29925A		5962-8775506	2 5 12	/ /				-
29C927		5962-8766703	2 2 3	/ /				-
29C928		5962-8766704	2 2 3	/ /				-
29C941		5962-8760303	2 8 3	/ /				-
29C943		5962-8760304	2 8 3	/ /				-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
29C961	11601	5962-8770403	2 13 21	/ /	B1	82		-
29C963		5962-8770404	2 13 21	/ /				-
300			1 18 3	5 04/16/80				F
MN3008		5962-8768801	1 16 16	/ /				
MN3009	11602	5962-8768802	1 16 16	/ /	B1	82		F
301			1 18 3	5 04/16/80				L
3018A	10801		3 9 12	2 04/09/76	B1	82		F
302	11603		1 18 3	5 04/16/80				F
HS3020	11604	5962-8971801	1 16 16	/ /	B1	82		F
303			1 18 3	5 04/16/80				F
304			1 18 3	5 04/16/80				F
3045			1 13 12	2 04/09/76				F
305	11606		1 18 3	5 04/16/80	B1	82		F
306	11607		1 18 3	5 04/16/80				F
307	11608		1 18 3	5 04/16/80				F
SG3081	13801	5962-8866401	2 24 26	/ /		56		-
CA3130BT		7703301	3 9 3	/ /				-
RM3182		5962-8687901	2 13 12	/ /				-
3183A		5962-8759801	2 24 26	/ /				-
VFC32	13802		2 24 12	08/27/87		56		-
VFC320			2 24 12	08/27/87				-
32010	55201	8405301	2 8 7	/ /				-
320C10		5962-8763301	2 8 3	/ /	01/20/89			-
320CM10		5962-8763303	2 8 3	/ /				-
320C10-25		5962-8763302	2 8 3	/ /				-
320CF10-25		5962-8763305	2 8 3	/ /				-
320CM10-25		5962-8763304	2 8 3	/ /				-
320C15		5962-8763307	2 8 3	/ /				-
320E15		5962-8763306	2 8 3	/ /				-
320C15-25		5962-8763308	2 8 3	/ /				-
320C25		5962-8861901	2 8 3	/ /				-
TLC32040M		5962-9086301M	2 24 12	/ /				-
TLC32044M		5962-9086302M	2 24 12	/ /				-
32C201-10		5962-8859901	2 8 3	01/20/89				-
3231		5962-8959201	2 13 16	/ /				-
3231		5962-8959203	2 13 16	/ /				-
3232		5962-8959202	2 13 16	/ /				-
3232		5962-8959204	2 13 12	/ /				-
HS3282		5962-8688001	2 24 3	/ /				-
MN3290T/8-V		5962-8953103H	2 16 16	/ /				-
MN3291T/8-V		5962-8953104H	2 16 16	/ /				-
ARX3410		5962-9063604H	2 23 16	/ /				-
ARX3411		5962-8757904	2 13 16	/ /				-
ARX3416		5962-8944701H	2 13 16	/ /				-
ARX3419		5962-8982602	2 13 16	/ /				-
ARX3420		5962-9082903H	2 13 16	/ /				-
ARX3424		5962-9082904H	2 13 16	/ /				-
ARX3464		5962-8959206	2 13 12	/ /				-
ARX3467		5962-8959205	2 13 12	/ /				-
35074		5962-8996901	3 9 12	/ /				-
35074A		5962-8996902	3 9 12	/ /				-
3517		5962-8764301	2 12 12	/ /				-
3523		5962-8978001	2 24 12	/ /				-
HS362	13505	5962-8956501	2 18 12	/ /	B	12/18/87	49	-
OP-37A		5962-8853701	2 9 12	/ /				-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
OP37B		5962-8853702	3 9 12	/ /				
OP37C		5962-8853703	3 9 12	/ /				
TLC3704M		5962-9096901M	2 10 3	/ /				
TLC372		5962-8765801	2 10 12	/ /				-
TLC374		5962-8765901	2 10 12	/ /				-
MN376		5962-9073001M	2 20 16	/ /				
RGBDAC3808H		5962-8950901	1 16 16	/ /				
TVB382	61601		2 8 12	11/24/87		T8D		-
AD390S		5962-8850901	1 16 16	/ /				
AD390T		5962-8850902	1 16 16	/ /				
39C10B		5962-8770802	2 8 3	/ /				-
39C10C		5962-8770803	2 8 3	/ /				-
AD394S		5962-8851001	1 16 16	/ /				
AD394T		5962-8851002	1 16 16	/ /				
AD395S		5962-8851003	1 16 16	/ /				
AD395T		5962-8851004	1 16 16	/ /				
39C60		5962-8861302	2 8 3	/ /				
39C60A		5962-8861301	2 8 3	/ /				
400		5962-8997001	2 9 12	/ /				
OP-400A		5962-8777101	2 9 12	/ /				-
4000A	05201		3 1 4	D 2 04/30/84	B1	36		L
4000B	05251		3 1 8	D 2 04/30/84		36		-
4001A	05202		3 1 4	D 2 04/30/84	B1	36		L
4001B	05252		3 1 8	D 2 04/30/84	S1	36	R	P
4002A	05203		3 1 4	D 2 04/30/84	B1	36		L
4002B	05253		3 1 8	D 2 04/30/84	S1	36	R	P
4006A	05701		3 5 4	E 1 11/30/87	B1	40		L
4006B	05751		3 5 8	E 1 11/30/87		40		-
4007A	05301		3 1 4	E 1 08/07/87	B1	36		L
4007UB	05351		3 1 8	E 1 08/07/87	S1	36	H	P
4008A	05401		3 4 4	D 2 04/30/84		39		L
4008B	05451		3 4 8	D 2 04/30/84	S1	39	R	P
4009A	05501		3 2 4	F 2 04/30/84		37		L
4009UB	05551		3 2 8	F 2 04/30/84		37		-
CLC401		5962-8997301	2 9 12	/ /				
DG401		5962-9056901	2 18 12	/ /				
4010A	05502		3 2 4	F 2 04/30/84		37		L
4010B	05552		3 2 8	F 2 04/30/84		37		-
40106B	17702		3 1 8	B 04/30/84		36		-
40107B	17402		3 2 8	A 3 04/30/84		37		-
40109B	17404		3 2 8	A 3 04/30/84		37		-
4011A	05001		3 1 4	E 2 04/30/84	B1	36		L
4011B	05051		3 1 8	E 2 04/30/84	S1	36	H	P
4012A	05002		3 1 4	E 2 04/30/84	B1	36		L
4012B	05052		3 1 8	E 2 04/30/84	S1	36	H	P
4013A	05101		3 3 4	E 2 04/30/84	B1	38		L
4013B		7901101	3 3 8	/ /		38	H	P
4013B		7901102	3 3 8	/ /				
4013B	05151		3 3 8	E 2 04/30/84	S1	38	H	P
4014A	05702		3 5 4	E 1 11/30/87	B1	40		L
4014B	05752		3 5 8	E 1 11/30/87	S1	40	H	P
4015A	05703		3 5 4	E 1 11/30/87	B1	40		L
4015B	05753		3 5 8	E 1 11/30/87	S1	40	R	P
4016A	05801		3 18 4	C 3 10/01/86		39		L
4016B	05851		3 18 8	C 3 10/01/86		39		F

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status		Micro- circuit group	Rad- ation level	NATO
					3/	4/			
4017A	05601	8202201	3 5 4	E 1 04/30/84	B1		40		L
4017B	05651		3 5 8	E 1 04/30/84	S1		40	R	P
40174B	17505		3 3 8	B 3 04/30/84			38		-
4018A	05602		3 5 4	E 1 04/30/84	B1		40		L
4018B	05652		3 5 8	E 1 04/30/84	S1		40	H	F
4019A	05302		3 1 4	E 1 08/07/87	B1		36		L
4019B	05352		3 1 8	E 1 08/07/87	S1		36	H	P
4020A	05603		3 5 4	E 1 04/30/84	B1		40		L
4020B	05653		3 5 8	E 1 04/30/84	S1		40	H	P
4021A	05704		3 5 4	E 1 11/30/87	B1		40		L
4021B	05754	7901201	3 5 8	E 1 11/30/87	S1		40	H	P
4022A	05604		3 5 4	E 1 04/30/84	B1		40		L
4022B	05654		3 5 8	E 1 04/30/84	S1		40	H	P
4023A	05003		3 1 4	E 2 04/30/84	B1		36		L
4023B	05053	7901301	3 1 8	E 2 04/30/84	S1		36	H	P
4024A	05605		3 5 4	E 1 04/30/84	B1		40		L
4024B	05655		3 5 8	E 1 04/30/84	S1		40	H	P
4025A	05204		3 1 4	D 2 04/30/84	B1		36		L
4025B	05254	8101601 8101602 5962-8976301	3 1 8	D 2 04/30/84	S1		36	H	P
40257B	17803		3 4 8	A 04/30/84			39		-
4027A	05102		3 3 4	E 2 04/30/84	B1		38		L
4027B	05152		3 3 8	E 2 04/30/84	S1		38	H	P
4028A	05901		3 4 4	C 2 04/30/84			39		L
4028B	05951		3 4 8	C 2 04/30/84	S1		39	R	P
4029B			3 5 8	/ /					-
4029B			3 5 8	/ /					-
DG403			2 18 12	/ /					-
4030A	05303		3 1 4	E 1 08/07/87			36		L
4030B	05353	8101701 5962-8990401 5962-8990402 7705801	3 1 8	E 1 08/07/87	S1		36	H	F
4031A	05705		3 5 4	E 1 11/30/87	B1		40		L
4031B	05755		3 5 8	E 1 11/30/87			40		-
4034A	05706		3 5 4	E 1 11/30/87			40		L
4034B	05756		3 5 8	E 1 11/30/87			40		-
4035B			3 5 8	/ /					-
CMP404A		7705801	2 10 12	/ /					-
CMP404B			2 10 12	/ /					-
4040B			3 5 8	/ /					-
4041A	05505		3 2 4	F 2 04/30/84			37		L
4041UB	05555		3 2 8	F 2 04/30/84	S1		37	R	F
4042B			3 3 8	/ /					-
4043A	05103	8101901	3 3 4	E 2 04/30/84			38		L
4043B	05153		3 3 8	E 2 04/30/84			38		-
4044B			3 3 4	/ /					-
4047B			3 3 8	/ /					-
4048A	05304	7702601 8102001	3 1 4	E 1 08/07/87			36		L
4048B	05354		3 1 8	E 1 08/07/87			36		-
4049A	05503		3 2 4	F 2 04/30/84	B1		37		L
4049UB	05553		3 2 8	F 2 04/30/84	S1		37	H	P
DG405		7901401 5962-8996101	2 18 12	/ /					-
4050A	05504		3 2 4	F 2 04/30/84	B1		37		L
4050B	05554		3 2 8	F 2 04/30/84	S1		37	H	P
TMS4050	23502		4 6 7	C 05/25/84			46		-
TMS4050	23504	7901501 8101801	4 6 7	C 05/25/84			46		-
4052B			3 18 8	/ /					-
4053B			3 18 8	/ /					-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- iation level 6/	NATO
4060A		7703101	3 5 4	/ /				L
TMS4060	23501		4 6 7	C 05/25/84		46		-
TMS4060	23503		4 6 7	C 05/25/84		46		-
4066A	05802		3 18 4	C 3 10/01/86		39		L
4066B	05852		3 18 8	C 3 10/01/86	S1	39	H	P
4067B	17801		3 18 8	A 04/30/84		39		-
MT4067-10		5962-8767604	2 6 7	/ /				-
MT4067-12		5962-8767601	2 6 7	/ /				-
MT4067-15		5962-8767602	2 6 7	/ /				-
MT4067-20		5962-8767603	2 6 7	/ /				-
4069UB	17401	7702701	3 1 8	A 3 04/30/84	S1	37	H	P
4070B	17203		3 1 8	B 1 04/30/84	S1	36	H	P
4071B	17101		3 1 8	B 1 04/30/84	S1	36	H	P
4072B	17102	7706001	3 1 8	B 1 04/30/84	B1	36	R	P
4073B		7705101	3 1 8	/ /		36	R	P
4075B	17103		3 1 8	B 1 04/30/84	S1	36	H	P
4076B	17501		3 5 8	B 3 04/30/84		38		-
4077B	17204		3 1 8	B 1 04/30/84	B1	36	R	P
4078B		7704401	3 1 8	/ /				-
4081B	17001	7702401	3 1 8	B 1 04/30/84	S1	36	H	P
4082B	17002	7705901	3 1 8	B 1 04/30/84	B1	36	R	P
4085B	17201		3 1 8	B 1 04/30/84	S1	36	H	F
4086B	17202		3 1 8	B 1 04/30/84	S1	36	H	F
4093B		7704601	3 1 8	/ /		36		P
4093B		7704602	3 1 8	/ /		36		-
4093B	17701		3 1 8	B 04/30/84		36		P
4094B		7702501	3 5 8	/ /				-
4095B	17502		3 3 8	B 3 04/30/84		38		-
4096B	17503		3 3 8	B 3 04/30/84		38		-
4097B	17802		3 18 8	A 04/30/84		39		-
4098B	17504	7705501	3 3 8	B 3 04/30/84	B1	38	R	F
4099B	17601		3 3 8	A 1 04/30/84	B1	38	R	P
4C1024-150	24904		1 6 3	A 02/13/90	B1	46		-
411024-100	24902		1 6 3	A 02/13/90	B1	46		-
411024-120	24903		1 6 3	A 02/13/90	B1	46		-
411024-80	24901		1 6 3	A 02/13/90	B1	46		-
4116	24003		3 6 7	A 05/11/89		46		L
M41256N-12	24603		1 6 7	1 01/13/87	B1	46		-
M41256P-12	24601		1 6 7	1 01/13/87	B1	46		-
M41256N-15	24604		1 6 7	1 01/13/87	B1	46		-
M41256P-15	24602		1 6 7	1 01/13/87	B1	46		-
4136	11004		1 9 12	B 09/11/89	S1	49		F
4167		8200701	2 6 7	/ /				-
4194		7705401	2 12 12	/ /				-
QP-42	12208	5962-8851301	2 9 12	A 09/15/89		49		-
QP-42B		5962-8851302	2 9 12	/ /				-
QP421B		5962-8855901	2 9 25	/ /				-
QP421C		5962-8855902	2 9 25	/ /				-
MIOP42114		5962-9063801H	2 9 16	/ /				-
MIOP42115		5962-9082801H	2 9 16	/ /				-
MIOP42116		5962-9072301H	2 9 16	/ /				-
4213	13904		2 24 16	B 2 03/24/85		49		F
4250		7703901	2 9 12	/ /				-
TSC426		5962-8850301	2 13 12	/ /				-
TSC427		5962-8850302	2 13 12	/ /				-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO		
TSC428	14801	5962-8850303	2 13 12	/ / /	A 09/05/89	B1	59	-		
TSC429		5962-8877001	2 13 12	/ / /						
REF-43		5962-9060301	2 19 12	/ / /						
TL431		8410901	1 12 12	/ / /						
UH-432		5962-8960401	2 13 12	/ / /						
UH-432-1		5962-8960402	2 13 12	/ / /						
MC4344		5962-8780301	2 24 1	/ / /						
L4C381-45		5962-8995901	2 4 3	/ / /						
OP44A		5962-8877003	2 9 15	/ / /						
TSC4420		5962-8850304	2 13 12	/ / /						
TSC4423	12207	5962-8850305	2 13 12	/ / /	A 09/15/89	49				
TSC4424		5962-8850306	2 13 12	/ / /						
TSC4425		5962-8850307	2 13 12	/ / /						
TSC4426		5962-8850308	2 13 12	/ / /						
TSC4427		5962-8850309	2 13 12	/ / /						
TSC4428		5962-8877002	2 13 12	/ / /						
TSC4429		5962-8956001	2 6 7	/ / /						
SMJ4461		3 8 3	10/30/86	B1				105	F	
MKB4501-80		25001	3 8 3	10/30/86				B1	105	F
MKB4501-81		25003	3 8 3	10/30/86				B1	105	-
MKB4501-88	17403		3 2 8	A 3 04/30/84	S1	37	R	P		
4502B			3 3 8	A 1 04/30/84		38	-			
4508B		7703501	3 3 8	B 04/30/84		39	-			
4514B		7703201	3 4 8	B 04/30/84		39	-			
4515B			3 6 7	A 05/11/89	B1	46				
45H16			3 6 7	A 05/11/89	B1	46				
45H16		7702001	3 2 8	/ / /		37	R	P		
4520B		7702301	3 5 8	/ / /				-		
4520B		7704501	3 3 8	/ / /				-		
4528B		7704502	3 3 8	/ / /				-		
4528B	17303		3 4 8	B 04/30/84		39		-		
4532B		5962-8767901	1 22 16	/ / /				-		
4N55		7704701	3 4 8	B 04/30/84		39		-		
4555B		7704801	3 4 8	B 04/30/84		39		-		
4556B		7901601	3 5 8	/ / /				-		
4557B		5962-8992801	2 16 12	/ / /				-		
BT458		7703702	3 4 8	/ / /				-		
4585B		5962-9099001H	2 24 16	/ / /				-		
AFC-461		5962-8550101	3 1 8	/ / /		36		-		
46106B		5962-8856501	2 9 26	/ / /						
OP-470A	11003	5962-8856502	2 9 26	/ / /	B 09/11/89	B1	49	F		
OP-471A			1 9 12	/ / /						
4741		5962-8967001	2 9 12	/ / /						
OP490A		5962-8686001	3 10 12	/ / /						
HA-4902		5962-8864301	2 8 3	/ / /						
49C410		5962-8864302	2 8 3	/ / /						
49C410A		5962-8853301	2 8 3	/ / /						
49C460A		5962-8853302	2 8 3	/ / /						
49C460B		5962-8853306	2 8 3	/ / /						
49C460C			3 1 3	B 1 04/30/84					B1	36
4973B	17003	5962-8967301	2 9 12	/ / /						
OP-50A		5962-8967302	2 9 12	/ / /						
OP-50B		5962-8963601	2 24 12	/ / /						
HA-5002		5962-8762001	2 9 16	/ / /						
OPA501										

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TABLE VI. Cross Reference - Continued.

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AH5010		5962-9087801M	2 18 12	/ /				
AH5012		5962-9088001M	2 18 12	/ /				
CS5012		5962-8967901	2 17 3	/ /				
CS5014-S		5962-8967401	2 17 3	/ /				
CS5014-T		5962-8967402	2 17 3	/ /				
CS5016-S		5962-8967601	2 17 3	/ /				
CS5016-T		5962-8967602	2 17 3	/ /				
UH502		5962-8856401	2 13 12	/ /				
UH503		5962-8855101	2 13 12	/ /				
HA-5033		5962-8963301	2 24 12	/ /				
5040	10501	8100601	1 18 3	3 12/23/80	B1	82		F
5041	10502	8100602	1 18 3	3 12/23/80	B1	82		F
5042	10503	8100603	1 18 3	3 12/23/80	B1	82		F
5043	10504		1 18 3	3 12/23/80	B1	82		F
HI5043		8100612	2 18 3	/ /				-
IH5043		8100604	2 18 3	/ /		82		F
5044	10505	8100605	1 18 3	3 12/23/80	B1	82		F
5045	10506		1 18 3	3 12/23/80	B1	82		-
HI5045		8100614	2 18 3	/ /		82		F
IH5045		8100606	2 18 3	/ /		82		-
HI5046		8100615	2 18 3	/ /		82		-
HI5046A		8100617	2 18 3	/ /				-
IH5046	10507	8100607	2 18 3	3 12/23/80		82		-
HI5047		8100616	2 18 3	/ /		82		-
HI5047A		8100618	2 18 3	/ /				-
IH5047	10508	8100608	2 18 3	3 12/23/80		82		-
HI5049		8100620	2 18 3	/ /				-
HI5050		8100621	2 18 3	/ /				-
HI5051		8100622	2 18 3	/ /				-
506	19001		1 18 3	C 10/22/86	B1	82		F
506A	19002	5962-8513101	1 18 3	C 10/22/86	B1	82		-
507	19003		1 18 3	C 10/22/86	B1	82		F
507A	19004	5962-8513102	1 18 3	C 10/22/86	B1	82		-
UH-507		5962-8986701	2 13 12	/ /				
508	19007	7705201	1 18 3	C 10/22/86	B1	82		F
508A	19005		1 18 3	C 10/22/86	B1	82		-
UH-508		8550001	2 13 12	/ /				-
509	19008		1 18 3	C 10/22/86	B1	82		F
509A	19006	5962-8513103	1 18 3	C 10/22/86	B1	82		-
HA-5101		5962-8963501	2 9 12	/ /				
HA-5102		5962-8954801	2 9 12	/ /				
CMN5104	24505		2 6 3	A 01/28/87		41		
HA-5104		5962-8850201	2 9 12	/ /				
CMN5114	24506		2 6 3	A 01/28/87		41		
HA-5114		5962-8963401	2 9 12	/ /				
IH5116		5962-8513104	2 18 3	/ /		82		-
EPROM-512	20101		4 7 1	C 03/24/86		7		-
HA-5127		5962-8962701	2 9 12	/ /				
HA-5137		5962-8962702	2 9 12	/ /				
TL514		5962-8687801	2 10 18	/ /				
OG5140		8100609	2 18 3	/ /		82		
OG5141		8100610	2 18 3	/ /		82		
HA-5141		5962-8965601	2 9 12	/ /				
OG5142		8100611	2 18 3	/ /		82		
HA-5142		5962-8965602	2 9 12	/ /				

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
DG5144		8100613	2 18 3	/ /		82		F
HA-5144		5962-8965603	2 9 12	/ /				
HA-5147		5962-8962703	2 9 12	/ /				
IH5148		8100619	2 18 3	/ /				-
HI-516		5962-8869901	2 18 3	/ /				
51C67	29106		2 6 3	07/25/85		46		-
51C98-35	61301		2 6 3	05/12/88		41		F
51C98-45	61302		2 6 3	05/12/88		41		F
51C98-55	61303		2 6 3	05/12/88		41		F
5200	12001	5962-8958301	2 17 16	B 04/18/90		I		
5201	12003		2 17 16	B 04/18/90		I		
HCPL-5201		5962-8876801	1 22 16	/ /				
MN5201		5962-8958303	1 17 16	/ /		I		
5202	12005	5962-8958305	2 17 16	B 04/18/90		I		
5203	12002	5962-8958302	2 17 16	B 04/18/90		I		
5204	12004	5962-8958304	2 17 16	B 04/18/90		I		
5205	12006	5962-8958306	2 17 16	B 04/18/90		I		
5206	12007	5962-8958307	2 17 16	B 04/18/90		I		
5207	12008		2 17 16	B 04/18/90		I		
IH5208		5962-8513106	2 18 3	/ /		82		-
521		5962-8751601	2 10 12	/ /				-
5210	12009	5962-8958401	2 17 16	B 04/18/90		I		
5211	12011	5962-8958403	2 17 16	B 04/18/90		I		
5212	12013	5962-8958405	2 17 16	B 04/18/90		I		
5213	12010	5962-8958402	2 17 16	B 04/18/90		I		
5214	12012	5962-8958404	2 17 16	B 04/18/90		I		
5215	12014	5962-8958406	2 17 16	B 04/18/90		I		
5216	12015		2 17 16	B 04/18/90		I		
IH5216		5962-8513105	2 18 3	/ /		82		-
MN5216		5962-8958407	1 17 16	/ /		I		
5217	12016		2 17 16	B 04/18/90		I		-
SL523AC		5962-8980301	2 24 12	/ /				
HCPL-5231		5962-8876901	1 22 16	/ /				
AD524S	14301	5962-8853901	2 9 12	04/03/87		49		-
HI524		5962-8761801	2 18 12	/ /				-
MN524S		5962-8959501	1 17 16	/ /				
MN5245A		5962-8959502	1 17 16	/ /				
MN5246		5962-8959503	1 17 16	/ /				
MN5246A		5962-8959504	1 17 16	/ /				
MT5C2565	29312		1 6 3	09/20/89	B1	41		
MT5C2565	29314		1 6 3	09/20/89	B1	41		
MT5C2565	29315		1 6 3	09/20/89	B1	41		
ADG526A		5962-8971001	2 18 3	/ /				
527		5962-8757201	2 10 12	/ /				-
ADG527A		5962-8971002	2 18 3	/ /				
DG528		5962-8768901	2 18 12	/ /				-
MM5280	23505		4 6 7	C 05/25/84		46		-
MM5280	23506		4 6 7	C 05/25/84		46		-
529		5962-8757202	2 10 12	/ /				-
MN5290		5962-8956301H	2 17 16	/ /				
MN5291		5962-8956302H	2 17 16	/ /				
MN5295		5962-8956901H	1 17 16	/ /				
MCM5304	20102		4 7 1	C 03/24/86		7		-
5305-1	20401		1 7 5	D 02/06/86	B1 S2	14		-
5306-1	20402		1 7 5	D 02/06/86	B1 S2	14		-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- iation level 6/	NATO
532S	13903		1 24 12	B 2 03/24/85	B1	49		F
UH-532		5962-8960403	2 13 12	/ /				
HA-5330		5962-8767701	2 20 26	/ /				
5353281	21102		1 7 5	04/01/87	B1	14		-
534S	13902		1 24 12	B 2 03/24/85	B1	49		F
534T	13901		1 24 12	B 2 03/24/85	B1	49		F
5348-1	20804		3 7 5	C 01/31/84		14		-
5349-1	20805		3 7 5	C 01/31/84		14		-
IH5352		5962-8875001	2 18 3	/ /				
535841	20902		1 7 5	D 1 09/30/86	B1 S2	14		-
AD539		5962-8980901	2 24 12	/ /				
5400	00104		3 1 1	E 2 06/01/82	S1	1		L
54AC00	75001	5962-8754901	1 1 24	1 03/15/89	S1	36		-
54ACT00		5962-8769901	2 1 24	/ /				
54ALS00A	37001	5962-8683301	1 1 19	2 03/18/83	B1 S2	8		F
54F00	33001		1 1 18	B 2 04/05/83	S1	8		F
54H00	02304		3 1 9	A 4 07/14/72		1		L
54HC00	65001	8403701	1 1 21	A 05/22/87	S1	36		P
54HCT00		5962-8683101	2 1 21	/ /				-
54L00	02004		3 1 10	A 2 11/20/72	S1	15		L
54LS00	30001		1 1 2	D 1 07/15/87	S1	8		P
54S00	07001		3 1 5	B 1 11/22/85	S1	8		L
5401	00107		3 1 1	E 2 06/01/82	B1	1		L
54H01	02306		3 1 9	A 4 07/14/72		1		L
HCPL-5401		5962-8957001	1 22 16	/ /				
5402	00401		3 1 1	C 02/25/77	S1	1		L
54AC02	75101	5962-8761201	1 1 24	09/11/90	S1			
54ALS02	37301	5962-8684401	1 1 19	03/18/83	B1 S2	8		F
54F02	33301		1 1 18	B 11/13/87	S1	8		F
54HC02	65101	8404101	1 1 21	A 05/15/87	S1	36		P
54HCT02		5962-8975101	2 1 21	/ /				
54L02	02701		3 1 10	3 08/21/72	S1	15		L
54LS02	30301		1 1 2	C 11/12/87	S1	8		P
54S02	07301		3 1 5	A 2 09/07/83	S1	8		L
5403	00109		3 1 1	E 2 06/01/82	B1	1		L
54HC03		5962-8764701	2 1 21	/ /				F
54L03	02006		3 1 10	A 2 11/20/72		15		L
54LS03	30002		1 1 2	D 1 07/15/87	S1	8		P
54S03	07002		3 1 5	B 1 11/22/85	B1	8		L
5404	00105		3 1 1	E 2 06/01/82	S1	1		L
54AC04	75701	5962-8760901	1 1 24	12/28/89	B1	37		-
54ACT04		5962-8973401	2 1 24	/ /				
54ALS04B	37006	5962-8684301	1 1 19	2 03/18/83	B1 S2	8		F
54F04	33002		1 1 18	B 2 04/05/83	S1	8		F
54H04	02305		3 1 9	A 4 07/14/72		1		L
54HC04	65701	8409801	1 1 21	09/30/86	S1	37		P
54HCT04	65751	5962-8974701	1 1 21	09/30/86	B1 S2			
54HCU04		8601001	2 1 21	/ /				-
54L04	02005		3 1 10	A 2 11/20/72	S1	15		L
54LS04	30003		1 1 2	D 1 07/15/87	S1	8		P
54S04	07003		3 1 5	B 1 11/22/85	S1	8		L
5405	00108		3 1 1	E 2 06/01/82	B1	1		L
54ALS05A		5962-8854001	2 1 19	/ /				-
54HC05		5962-8871801	2 1 21	/ /				
54LS05	30004		1 1 2	D 1 07/15/87	S1	8		P

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
54S05	07004		3 1 5	B 1 11/22/85	B1	8		L
5406	00801		1 2 1	D 1 06/28/85	S1	2		F
5407	00803		1 2 1	D 1 06/28/85	S1	2		F
54F074	34101		1 3 18	E 04/28/89	S1	10		F
5408	01601		3 1 1	2 05/15/73	B1	1		L
54AC08	75203	5962-8761501	1 1 12	12/28/90	S1			-
54ALS08	37401	5962-8684201	1 1 19	1 03/18/83	B1 S2	8		F
54C08		7703601	3 1 8	/ /				-
54F08	34001		1 1 18	C 01/11/88	S1	8		F
54HC08	65203	8404701	1 1 21	A 05/15/87	S1	36		P
54HCT08		5962-8688301	2 1 21	/ /				-
54LS08	31004		1 1 2	C 11/18/87	S1	8		P
54S08	08003		3 1 5	D 12/08/87	S1	8		L
5409	01602		3 1 1	2 05/15/73	B1	1		L
54ALS09		8414201	2 1 19	/ /				-
54F09		5962-8872301	2 1 18	/ /				-
54HC09		5962-8862001	2 1 21	/ /				-
54LS09	31005	8001901	1 1 2	C 11/18/87	B1	8		F
54S09	08004		4 1 5	D 12/08/87		8		-
OPA541		5962-8870101	2 9 12	/ /				-
5410	00103		3 1 1	E 2 06/01/82	S1	1		L
54AC10	75002	5962-8761001	1 1 24	1 03/15/89	S1	36		-
54ALS10	37002	5962-8686501	1 1 19	2 03/18/83	B1 S2	8		F
54F10	33003		1 1 18	B 2 04/05/83	S1	8		F
54H10	02303		3 1 9	A 4 07/14/72		1		L
54HC10	65002	8403801	1 1 21	A 05/22/87	S1 S2	36		P
54HCT10		5962-8984301	2 1 21	/ /				-
54L10	02003		3 1 10	A 2 11/20/72	S1	15		L
54LS10	30005		1 1 2	D 1 07/15/87	S1	8		P
54S10	07005		3 1 5	B 1 11/22/85	S1	8		L
54ALS1000A		8405901	2 2 19	/ /		9		F
54ALS1002	38402		1 2 19	12/07/83	B1 S2	9		F
54ALS1003	38403		2 2 19	12/07/83		9		-
54ALS1004	38409	8406101	2 2 19	12/07/83		9		-
54AS1004A		5962-8872901	3 2 18	/ /				-
54ALS1005	38410		2 2 19	12/07/83		9		-
54ALS1008A	38404	8409701	2 2 19	12/07/83		9		-
54H101	02205		4 3 9	C 02/27/89		3		L
54ALS1010A	38405	8406001	2 2 19	12/07/83		9		-
54ALS1011	38406		2 2 19	12/07/83		9		-
54ALS1020	38407		1 2 19	12/07/83	B1 S2	9		F
54H103	02206		3 3 9	C 02/27/89		3		L
54ALS1032	38408		2 2 19	12/07/83		9		-
54AS1032A		5962-8873001	3 2 18	/ /				-
54ALS1034	38411	8403101	1 2 19	12/07/83	B1 S2	9		F
54AS1034A		5962-8873101	2 2 18	/ /				-
54ALS1035	38412	5962-8874201	2 2 19	12/07/83		9		-
54107	00203		3 3 1	E 7 12/24/74	B1	3		L
54HC107	65303	5962-8515401	2 3 21	A 01/15/88		38		F
54HCT107		5962-9084901M	2 3 21	/ /				-
54LS107	30108		1 3 2	D 04/08/88	B1	10		F
54AC109	75304	5962-8955101	2 3 24	05/14/90		38		-
54ACT109		5962-8853401	2 3 24	/ /				-
54ALS109A	37102	8400001	1 3 19	A 1 08/08/86	B1 S2	10		F
54F109	34102		1 3 18	E 04/28/89	S1	10		F

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status		Micro- circuit group	Rad- ation level	NATO
					3/	4/			
54HC109	65304	8415001	1 3 21	A 01/15/88	S1		38		P
54HCT109		5962-9070101M	2 3 21	/ /					
54LS109	30109		1 3 2	D 04/08/88	S1		10		F
54AC11	75204	5962-8761101	1 1 24	12/28/90	S1				F
54ALS11	37402	5962-8684101	1 1 19	1 03/18/83	B1 S2		8		F
54F11	34002		1 1 18	C 01/11/88	S1		8		F
54HC11	65204	8404801	1 1 21	A 05/15/87	S1		36		P
54HCT11		5962-8970901	2 1 21	/ /					
54LS11	31001		1 1 2	C 11/18/87	S1		8		P
54S11	08001		3 1 5	D 12/08/87	S1		8		L
54AC1100	75021	5962-8754902	2 1 24	1 03/15/89			36		-
54ACT11000		5962-8769902	3 1 24	/ /					
54AC11002		5962-8761202	3 1 24	/ /					
54AC11004		5962-8760902	3 1 24	/ /					
54ACT11004		5962-8973402	3 1 24	/ /					
54AC11008		5962-8761502	3 1 4	/ /					
54ACT11008		5962-8954701	3 1 24	/ /					
54AC11010	75022	5962-8761002	2 1 24	1 03/15/89			36		
54AC11011		5962-8761102	3 1 24	/ /					
54AC11020	75023	5962-8761302	2 1 24	1 03/15/89			36		-
54AC11030	75024		2 1 24	1 03/15/89			36		-
54ACT11032		5962-8973602	3 1 24	/ /					
54AC11074		5962-8852002	3 3 24	/ /					
54ACT11074		5962-8752502	3 3 24	/ /					
54ACT11109		5962-8853402	3 3 24	/ /					
54AC112	75305		2 3 24	05/14/90			38		
54ALS112A	37103	8400002	1 3 19	A 1 08/08/86	B1 S2		10		F
54F112	34103		1 3 18	E 04/28/89	B1		10		F
54HC112	65305	8408801	1 3 21	A 01/15/88	S1		38		P
54HCT112		5962-8970201	2 3 21	/ /					
54LS112	30103		1 3 2	D 04/08/88	S1		10		F
54S112	07102		3 3 5	C 4 07/23/84	S1		10		L
54AC11240		5962-8755002	3 2 24	/ /					
54ACT11240		5962-8775902	3 2 24	/ /			3		
54AC11241		5962-8755102	3 2 24	/ /					
54ACT11241		5962-8984702	3 2 24	/ /					
54AC11244		5962-8755202	3 2 24	/ /					
54ACT11244		5962-8776002	2 2 24	/ /					
54HC113		5962-8969501	2 3 21	/ /					
54LS113	30104		1 3 2	D 04/08/88	B1		10		P
54S113	07103		3 3 5	C 4 07/23/84	B1		10		L
54ACT11353		5962-9090601M	2 4 24	/ /					
54AC11373		5962-8755502	3 3 4	/ /					
54ACT11373		5962-8755602	3 3 1	/ /					
54ACT11374		5962-8763102	3 3 24	/ /					
54LS114	30105		1 3 2	D 04/08/88	B1		10		F
54S114	07104		3 3 5	C 4 07/23/84			10		L
54AC11520		5962-9091602M	2 10 24	/ /					
54ACT11520		5962-8979303	2 4 24	/ /					
54ACT11521		5962-8979304	2 4 24	/ /					
54ACT11534		5962-8965802	3 3 24	/ /					
5412	00106		3 1 1	E 2 06/01/82	B1		1		L
54LS12	30006		1 1 2	D 1 07/15/87	B1		8		P
54121	01201		3 3 1	G 08/20/85	B1		3		L
541121	04201		4 3 10	C 05/03/82			17		-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
CS5412-SC1		5962-9095702M	2 17 3	/ /				
CS5412-TC1		5962-9095701M	2 17 3	/ /				
54122	01202		3 3 1	G 08/20/85				L
54L122	04202		4 3 10	C 05/03/82		3		
54LS122	31403	7600301	1 3 2	B 1 05/23/84	B1	10		P
54123	01203		3 3 1	G 08/20/85	B1	3		L
54HC123		5962-8684701	2 3 21	/ /				F
54HC123A		5962-8684702	2 3 21	/ /				
54HCT123		5962-8970001	2 3 21	/ /				
54LS123	31401	7603901	1 3 2	B 1 05/23/84	S1	10		P
54LS124		7704101	3 24 2	/ /				-
54ALS1244A		5962-8873801	2 2 19	/ /				
54ALS1245A		5962-8873701	2 13 19	/ /				
54125	15301		3 2 1	A 03/11/85		2		L
54BCT125		5962-9093701M	2 2 26	/ /				
54HC125		5962-8772101	2 2 21	/ /				F
54LS125A	32301		1 2 2	C 08/07/87	S1	9		P
54126	15302		3 2 1	A 03/11/85	B1	2		L
54BCT126		5962-9088901M	2 2 26	/ /				
54HC126		5962-8684801	2 2 21	/ /				F
54HCT126		5962-9065101M	2 2 21	/ /				
54LS126	32302		1 2 2	C 08/07/87	B1	9		P
5413	15101		3 1 1	A 1 09/30/85		1		L
54LS13	31301		1 1 2	A 1 07/22/83	B1	8		P
54132	15103		3 1 1	A 1 09/30/85		1		L
54HC132	65005		1 1 21	A 05/22/87	B1	36		P
54HCT132		5962-8984501	2 1 21	/ /				
54LS132	31303	7600401	1 1 2	A 1 07/22/83	S1	8		P
54ALS133	37005	5962-8859001	1 1 19	2 03/18/83	B1 S2	8		F
54HC133		5962-8772301	2 1 21	/ /				F
54S133	07009		3 1 5	B 1 11/22/85	S1	8		L
54S134	07010		4 1 5	B 1 11/22/85		8		-
54S135	07502		4 1 5	B 1 11/27/85		8		L
54AC138	75802	5962-8762201	1 4 24	12/28/89	S1	39		
54ACT138		5962-8755401	2 4 24	/ /				-
54ALS138	37701	5962-8686601	1 4 19	1 08/09/83	B1 S2	11		F
54F138	33701		1 4 18	A 2 08/09/83	S1	11		F
54FCT138		5962-8765401	2 4 25	/ /				-
54FCT138A		5962-8765402	2 4 25	/ /				-
54HC138	65802	8406201	1 4 21	12/19/86	S1	39		P
54HCT138	65852	8550401	1 4 21	12/19/86	S1	39		F
54LS138	30701	7600501	1 4 2	C 11/05/87	S1	11		P
54S138	07701	7604101	3 4 5	A 4 08/20/84	B1	11		L
54AC139	75803	5962-8762301	2 4 24	12/28/89		39		-
54ACT139		5962-8755301	2 4 24	/ /				-
54ALS139		5962-8768301	2 4 19	/ /				-
54F139	33702		1 4 18	A 2 08/09/83	S1	11		F
54FCT139		5962-8950801	2 4 25	/ /				
54FCT139A		5962-8950802	2 4 25	/ /				
54HC139	65803	8409201	1 4 21	12/19/86	B1 S2	39		P
54HCT139	65853		2 4 21	12/19/86		39		-
54LS139	30702	7600701	1 4 2	C 11/05/87	S1	11		P
54S139	07702	7700401	3 4 5	A 4 08/20/84		11		L
5414	15102		3 1 1	A 1 09/30/85	B1	1		L
54AC14	75702	5962-8762401	1 1 24	12/28/89	B1	37		-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status		Micro- circuit group	Rad- ation level	NATO
					3/	4/			
54F14		5962-8875201	2 1 18	/ /					
54HC14	65702	8409101	1 1 21	09/30/86	B1	S2	37		P
54HCT14	65752	5962-8689001	2 1 21	09/30/86			37		-
54LS14	31302		1 1 2	A 1 07/22/83	S1		8		P
54S140	08101		1 13 5	C 11/06/87	S1		9		F
54145	01005		3 4 1	C 03/03/86			4		L
54LS145		8508401	2 4 2	/ /					F
54147	15601		4 4 1	B 07/21/86			4		-
54HC147		8406401	2 4 21	/ /					-
54148	15602		4 4 1	B 07/21/86			4		-
54F148		5962-8607001	2 4 18	/ /					F
54LS148	36001	7802701	1 4 2	A 2 08/26/83	S1		11		P
54LS15	31002		1 1 2	C 11/18/87	B1		8		F
54S15	08002		4 1 5	0 12/08/87			8		-
54150	01401		3 4 1	0 2 08/02/82			4		L
54151	01406		3 4 1	0 2 08/02/82	B1		4		L
54AC151	76201	5962-8769101	1 4 24	08/28/90	S1				-
54ACT151		5962-8875601	2 4 24	/ /					
54ALS151		8414101	2 4 19	/ /					-
54F151A	33901		1 4 18	C 1 09/02/86	S1		11		F
54HC151B	66201	8412801	2 4 21	03/31/88			39		F
54HCT151		5962-9065201M	2 4 21	/ /					
54LS151	30901	7601001	1 4 2	0 3 06/21/85	S1		11		P
54S151	07901		3 4 5	C 11/03/87	S1		11		L
54153	01403		3 4 1	0 2 08/02/82	B1		4		L
54AC153	76202	5962-8762501	1 4 24	08/28/90	S1				-
54ACT153		5962-8769801	2 4 24	/ /					
54ALS153		8413401	2 4 19	/ /					-
54F153	33902		1 4 18	C 1 09/02/86	S1		11		F
54HC153B	66202	8409301	2 4 21	03/31/88			39		F
54HCT153		5962-9050501M	2 4 21	/ /					
54LS153	30902	7601101	1 4 2	0 3 06/21/85	S1		11		P
54S153	07902		3 4 5	C 11/03/87	S1		11		L
54154	15201		4 4 1	B 07/21/86			4		-
54HC154	65804	5962-8682201	2 4 21	12/19/86			39		-
54HCT154		5962-8670101	2 4 21	/ /					-
54LS154		8301701	2 4 2	/ /					-
54155	15202		4 4 1	B 07/21/86			4		-
54LS155	32601		1 4 2	B 2 07/24/84	S1		11		P
54156	15203		4 4 1	B 07/21/86			4		-
54LS156	32602		1 4 2	B 2 07/24/84	B1		11		P
54157	01405		3 4 1	0 2 08/02/82	B1		4		L
54AC157	76203	5962-8953901	1 4 24	08/28/90	S1				
54ACT157		5962-8968801	2 4 24	/ /					
54ALS157		5962-8686901	2 4 19	/ /					-
54F157A	33903		1 4 18	C 1 09/02/86	S1		11		F
54HC157B	66203	5962-8606101	2 4 21	03/31/88			39		F
54HCT157		5962-9070201M	2 4 21	/ /					
54LS157	30903	7600201	1 4 2	0 3 06/21/85	S1		11		P
54S157	07903		3 4 5	C 11/03/87	B1		11		L
54AC158	76204	5962-8972901	2 4 24	08/28/90					
54ACT158		5962-8875501	2 4 24	/ /					
54ALS158		5962-8862501	2 4 19	/ /					-
54F158A	33904		1 4 18	C 1 09/02/86	S1		11		F
54HC158B	66204	5962-8682301	1 4 21	03/31/88	B1		39		F

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
54HCT158		5962-9070301M	2 4 21	/ /				
54LS158	30904	7603301	1 4 2	D 3 06/21/85	S1	11		P
54S158	07904		3 4 5	C 11/03/87	B1	11		L
5416	00802		3 2 1	D 1 06/28/85	B1	2		L
54160	01303		3 5 1	F 5 04/16/82	B1	5		L
54ALS160	38101		2 5 19	2 02/21/84		12		-
54F160A	34401		1 5 18	1 06/12/86	S1	12		F
54HC160	66301	5962-8682401	2 5 21	09/30/87		40		F
54HCT160		5962-9070501M	2 5 21	/ /				
54LS160A	31503	7700901	1 5 2	C 2 01/17/84	S1	12		F
54161	01306		3 5 1	F 5 04/16/82	S1	5		L
54AC161	76302	5962-8956101	2 5 24	11/19/90				
54ALS161B	38001	8302201	1 5 19	A 1 08/08/86	B1 S2	12		F
54F161A	34301		1 5 18	A 09/21/89	S1	12		F
54FCT161		5962-8864001	2 5 25	/ /				
54HC161	66302	8407501	1 5 21	09/30/87	S1	40		F
54HCT161		5962-8685401	2 5 21	/ /				-
54LS161	31504	7600801	1 5 2	C 2 01/17/84	S1	12		F
54162	01305		3 5 1	F 5 04/16/82		5		L
54ALS162A	38102	8407901	2 5 19	2 02/21/84		12		-
54F162A	34402		1 5 18	1 06/12/86	S1	12		F
54HC162	66303	8409401	2 5 21	09/30/87		40		F
54HCT162		5962-8970701	2 5 21	/ /				
54LS162A	31511		1 5 2	C 2 01/17/84	B1	12		P
54163A	01304		3 5 1	F 5 04/16/82	B1	5		L
54AC163	76304	5962-8958201	2 5 24	11/19/90				
54ALS163B	38002	8302202	1 5 19	A 1 08/08/86	B1 S2	12		F
54F163A	34302		1 5 18	A 09/21/89	S1	12		F
54FCT163		5962-8865701	2 5 25	/ /				-
54FCT163A		5962-8865702	2 5 25	/ /				-
54HC163	66304	8607601	1 5 21	09/30/87	B1 S2	40		F
54LS163A	31512	7603401	1 5 2	C 2 01/17/84	S1	12		P
54164	00903		3 5 1	D 5 06/04/80	B1	5		L
54ALS164		5962-8687001	2 5 19	/ /				-
54F164		5962-8607101	2 5 18	/ /				-
54HC164	66501	8416201	1 5 21	08/31/88	B2	40		F
54HCT164		5962-8970401	2 5 21	/ /				
54L164	02802		3 5 10	2 08/02/74		19		L
54LS164	30605		1 5 2	D 11/06/87	S1	12		P
54165	00904		3 5 1	D 5 06/04/80		5		L
54ALS165		5962-8957401	2 5 19	/ /				
54HC165	66502	8409501	1 5 21	08/31/88	B1	40		-
54HCT165		5962-8685501	2 5 21	/ /				-
54LS165A	30608	7700601	1 5 2	D 11/06/87	S1	12		F
54HC166	66503		2 5 21	08/31/88		40		-
54LS166	30609	8001701	1 5 2	D 11/06/87	S1	12		F
54ALS168	38103		2 5 19	2 02/21/84		12		-
54LS168	31505	8001801	2 5 2	C 2 01/17/84		12		-
54ALS169B	38003	8302501	1 5 19	A 1 08/08/86	B1 S2	12		F
54F169		5962-8607201	2 5 18	/ /				-
54LS169	31506	8001802	2 5 2	C 2 01/17/84		12		F
5417	00804		3 2 1	D 1 06/28/85	B1	2		L
54170	01801		4 5 1	A 08/09/83		5		-
54LS170	31902	8002501	2 5 2	B 2 03/04/85				F
54HC173	65306	5962-8682501	1 3 21	A 01/15/88	B1 S2	38		F

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
54HCT173		5962-8875901	2 3 21	/ /				
54LS173A	36101		1 3 2	A 01/11/88	S1	12		F
54174	01701		3 3 1	A 4 05/01/79	B1	3		L
54AC174	75307	5962-8762601	2 3 24	05/14/90		38		-
54ACT174		5962-8775701	2 3 24	/ /				
54ALS174	37201	8301901	1 3 19	A 02/12/87	B1 S2	10		F
54F174	34107		1 3 18	E 04/28/89	S1	10		F
54HC174	65307	8407301	1 3 21	A 01/15/88	S1	38		P
54HCT174		5962-8974301	2 3 21	/ /				
54LS174	30106		1 3 2	D 04/08/88	S1	10		
54S174	07105		3 3 5	C 4 07/23/84	B1	10		L
54175	01702		3 3 1	A 4 05/01/79	B1	3		L
54AC175	75308	5962-8955201	2 3 24	05/14/90		38		
54ACT175		5962-8969301	2 3 24	/ /				
54ALS175	37202	8301902	1 3 19	A 02/12/87	B1 S2	10		F
54F175	34104		1 3 18	E 04/28/89	B1	10		F
54HC175	65308	8408901	1 3 21	A 01/15/88	S1	38		P
54HCT175		5962-8970101	2 3 21	/ /				
54LS175	30107		1 3 2	D 04/08/88	S1	10		
54S175	07106		3 3 5	C 4 07/23/84	B1	10		L
54180	01901		3 4 1	3 02/14/75	B1	4		L
54181	01101		3 4 1	C 05/19/78		4		L
54F181	33801		1 4 18	1 02/24/87	B1	11		F
54LS181	30801		1 4 2	A 2 02/02/82	B1	11		P
54S181	07801		3 4 5	A 3 06/06/84	B1	11		L
54182	01102		3 4 1	C 05/19/78		4		L
54F182	33802		1 4 18	1 02/24/87	B1	11		F
54FCT182		5962-8865201	2 4 25	/ /				
54FCT182A		5962-8865202	2 4 25	/ /				
54S182	07802		3 4 5	A 3 06/06/84	B1	11		L
54185A		7703001	3 4 1	/ /				L
54S189		7801502	2 5 5	/ /				-
54F190	34403		1 5 18	1 06/12/86	B1	12		F
54HC190		5962-8994601	2 5 21	/ /				
54LS190	31513	7603501	1 5 2	C 2 01/17/84	S1 S2	12		P
54AC191	76305	5962-8974901	2 5 24	11/19/90				
54ALS191		5962-8684001	2 5 19	/ /				-
54F191	34303		2 5 18	A 09/21/89		12		F
54FCT191		5962-8973301	2 5 25	/ /				
54FCT191A		5962-8973302	2 5 25	/ /				
54HC191	66305	5962-8689101	2 5 21	09/30/87		40		F
54HCT191		5962-8867101	2 5 21	/ /				-
54LS191	31509	7600901	1 5 2	C 2 01/17/84	S1	12		P
54192	01308		3 5 1	F 5 04/16/82		5		L
54F192	34404		1 5 18	1 06/12/86	B1	12		F
54HC192	66306	5962-8780801	2 5 21	09/30/87		40		F
54LS192	31507	7603601	1 5 2	C 2 01/17/84	B1	12		P
54193	01309		3 5 1	F 5 04/16/82	B1	5		L
54ALS193		5962-8869801	2 5 19	/ /				-
54F193	34304		1 5 18	A 09/21/89	B1	12		F
54HC193	66307	5962-8772401	2 5 21	09/30/87		40		F
54L193	02503		3 5 10	D 08/08/86		19		L
54LS193	31508	7600601	1 5 2	C 2 01/17/84	S1	12		P
54194	00905		3 5 1	D 5 06/04/80	B1	5		L
54F194	33601	5962-8685001	1 5 18	A 3 08/09/83	B1	12		F

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
54HC194	66504	5962-8682601	2 5 21	08/31/88		40		F
54LS194A	30601		1 5 2	D 11/06/87	S1	12		P
54S194	07601	7604001	3 5 5	B 12/04/85	B1	12		L
54195	00906		3 5 1	D 5 06/04/80		5		L
54HC195	66505	5962-8682701	2 5 21	08/31/88		40		F
54LS195A	30602		1 5 2	D 11/06/87	S1	12		P
54S195	07602		4 5 5	B 12/04/85		12		-
54LS196	32001	7701001	2 5 2	C 1 03/06/85		12		F
54LS197	32002	7601501	1 5 2	C 1 03/06/85	S1	12		P
5420	00102		3 1 1	E 2 06/01/82	B1	1		L
54AC20	75003	5962-8761301	1 1 24	1 03/15/89	S1 B2	36		-
54ALS20A	37003	5962-8858901	1 1 19	2 03/18/83	B1 S2	8		F
54F20	33004		1 1 18	B 2 04/05/83	S1	8		F
54H20	02302		3 1 9	A 4 07/14/72		1		L
54HC20	65003	8403901	1 1 21	A 05/22/87	S1	36		P
54L20	02002		3 1 10	A 2 11/20/72		15		L
54LS20	30007		1 1 2	D 1 07/15/87	S1	8		P
54S20	07006		3 1 5	B 1 11/22/85	S1	8		L
54ALS21		8414301	2 1 19	/ /				-
54AS21		5962-8780401	3 1 1	/ /				-
54F21		5962-8955401	2 1 18	/ /				-
54HC21		5962-8857601	2 1 21	/ /				F
54LS21	31003		1 1 2	C 11/18/87	S1	8		P
54H22	02307		3 1 9	A 4 07/14/72		1		L
54LS22	30008		1 1 2	D 1 07/15/87	B1	8		P
54S22	07007		3 1 5	B 1 11/22/85	B1	8		L
54221		5962-8771101	3 3 12	/ /				-
54HC221		5962-8780501	2 3 21	/ /				F
54HC221A		5962-8780502	3 3 21	/ /				-
54LS221	31402	7604201	1 3 2	B 1 05/23/84	S1	10		P
54BCT2240		5962-9093901M	2 13 26	/ /				-
54BCT2244		5962-9074101M	2 13 26	/ /				-
5423	00402		3 1 1	C 02/25/77	B1	1		L
54HC237		5962-8860601	2 4 21	/ /				-
54HCT237		5962-9061301	2 4 21	/ /				-
54HC238		5962-8688401	2 4 21	/ /				-
54HCT238		5962-8974501	2 4 21	/ /				-
54AC240	75703	5962-8755001	1 2 24	12/28/89	S1	37		-
54ACT240		5962-8775901	2 13 24	/ /				-
54ALS240A	38301	5962-8859101	1 2 19	A 02/11/88	B1 S2	9		F
54BCT240		5962-9074201M	2 2 26	/ /				-
54F240	33201		1 2 18	B 10/30/87	S1	9		F
54FCT240		5962-8765501	2 2 25	/ /				-
54FCT240A		5962-8765502	2 2 25	/ /				-
54HC240	65703	8407401	1 2 21	09/30/86	B1 S2	37		P
54HCT240	65753	8550501	1 2 21	09/30/86	B1 S2	37		F
54LS240	32401	7801201	1 2 2	C 10/15/87	S1	9		P
54AC241	75704	5962-8755101	1 2 24	12/28/89	B2	37		-
54ACT241		5962-8984701	2 2 24	/ /				-
54ALS241	38302	5962-8859601	1 2 19	A 02/11/88	B1 S2	9		F
54BCT241		5962-9074301M	2 13 26	/ /				-
54F241	33202	5962-8687401	1 2 18	B 10/30/87	S1	9		F
54FCT241		5962-8973201	2 2 25	/ /		3		-
54FCT241A		5962-8973202	2 2 25	/ /				-
54HC241	65704		1 2 21	09/30/86	S1	37		P

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
54HCT241	65754		2 2 21	09/30/86		37		F
54LS241	32402		1 2 2	10/15/87	S1	9		P
54ALS242B	38506	8401301	2 13 19	A 01/04/88		9		-
54F242	34801		2 13 18	B 05/12/88		9		F
54HC242	65501		2 13 21	1 09/30/86		37		F
54LS242	32801	8002001	1 13 2	B 4 03/23/84	B1	9		P
54ALS243A	38507	8401302	2 13 19	A 01/04/88		9		-
54F243	34802	5962-8683401	1 13 18	B 05/12/88	B1	9		F
54HC243	65502	8409001	2 13 21	1 09/30/86		37		F
54LS243	32802	8002002	1 13 2	B 4 03/23/84	B1	9		P
54AC244	75705	5962-8755201	1 2 24	12/28/89	S1	37		-
54ACT244		5962-8776001	2 2 24	/ /				-
54ALS244A	38303	5962-8683901	1 2 19	A 02/11/86	B1 S2	9		F
54BCT244		5962-9062501M	2 13 26	/ /				-
54F244	33203		1 2 18	B 10/30/87	S1	9		F
54FCT244		5962-8763001	2 2 25	/ /				-
54FCT244A		5962-8763002	2 2 25	/ /				-
54HC244	65705	8409601	1 2 21	09/30/86	S1	37		P
54HCT244	65755	8513001	1 2 21	09/30/86	S1 S2	37		F
54LS244	32403	7705701	1 2 2	C 10/15/87	S1	9		P
54AC245	75503	5962-8775801	1 13 24	12/28/89	S1			-
54ACT245		5962-8766301	2 13 24	/ /				-
54ALS245A		8403001	2 13 19	/ /				-
54BCT245		5962-9051401M	2 13 26	/ /				-
54F245	34803	8551101	1 13 18	B 05/12/88	S1	9		F
54FCT245		5962-8762901	2 13 25	/ /				-
54FCT245A		5962-8762902	2 13 25	/ /				-
54HC245	65503	8408501	1 13 21	1 09/30/86	S1	37		P
54HCT245	65553	8550601	1 13 21	1 09/30/86	S1	37		P
54LS245	32803	8002101	1 13 2	B 4 03/23/84	S1	9		P
54LS248		5962-8994401	2 4 2	/ /				-
5425	00403		3 1 1	C 02/25/77	B1	1		L
54AS250A		5962-9056201	2 4 18	/ /				-
54AC251	76205	5962-8769201	2 4 24	08/28/90				-
54ACT251		5962-8959901	2 4 24	/ /				-
54ALS251		8413501	2 4 19	/ /				-
54F251A	33905		1 4 18	C 1 09/02/86	S1	11		F
54HC251B	66205	8512501	2 4 21	03/31/88		39		F
54HCT251		5962-9052401M	2 4 21	/ /				-
54LS251	30905	7601601	1 4 2	D 3 06/21/85	S1	11		P
54S251	07905	8002201	3 4 5	C 11/03/87	B1	11		L
54AC253	76206	5962-8769301	2 4 24	08/28/90				-
54ACT253		5962-8776101	2 4 24	/ /				-
54ALS253		8509601	2 4 19	/ /				-
54F253	33908		1 4 18	C 1 09/02/86	S1	11		F
54HC253B	66206	5962-8868201	2 4 21	03/31/88		39		F
54LS253	30908	7601701	1 4 2	D 3 06/21/85	S1	11		P
54S253	07908		3 4 5	C 11/03/87	S1	11		L
54AC257	76207	5962-8870301	2 4 24	08/28/90				-
54ACT257		5962-8968901	2 4 24	/ /				-
54ALS257		8509701	2 4 19	/ /				-
54F257A	33906		1 4 18	C 1 09/02/86	S1	11		F
54HC257	66207	8512401	2 4 21	03/31/88		39		F
54HCT257		5962-8970501	2 4 21	/ /				-
54LS257B	30906	7603701	1 4 2	D 3 06/21/85	S1	11		F

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
54S257	07906		3 4 5	C 11/03/87	B1	11		L
54ACT258		5962-8870401	2 4 24	/ /				-
54ALS258		5962-8862601	2 4 19	/ /				-
54F258A	33907		1 4 18	C 1 09/02/86	S1	11		F
54HCT258		5962-8970801	2 4 21	/ /				
54LS258B	30907	7603801	1 4 2	D 3 06/21/85	S1	11		F
54S258	07907	8002301	3 4 5	C 11/03/87		11		L
54ALS259		5962-8874101	2 3 19	/ /				
54F259		5962-8972301	2 3 18	/ /				
54HC259	65402	8551901	1 3 21	12/19/86	B1 S2	38		F
54LS259	31603		1 3 2	D 12/10/87	B1	10		P
54LS259B	31605		1 3 2	D 12/10/87	S1	10		F
5426	00805		3 2 1	D 1 06/28/85	B1	2		L
54LS26	32102	7602001	1 1 2	B 08/12/83	S1	9		P
54LS261	31801	8002601	2 4 2	A 1 08/09/83		11		-
54HC266	65103	8404301	1 1 21	A 05/15/87	B1 S2	36		P
54LS266	30303		1 1 2	C 11/12/87	B1	8		P
54F269		5962-8862701	2 5 18	/ /				
5427	00404		3 1 1	C 02/25/77	B1	1		L
54ALS27	37302	5962-8683801	1 1 19	03/18/83	B1 S2	8		F
54F27		5962-8951001	2 1 18	/ /				
54HC27	65102	8404201	1 1 21	A 05/15/87	S1	36		P
54HCT27		5962-8970301	2 1 21	/ /				
54LS27	30302		1 1 2	C 11/12/87	S1	8		P
54AC273	75601	5962-8775601	1 3 24	08/16/90	S1	38		
54ACT273		5962-8973501	2 3 24	/ /				
54ALS273		8413601	2 3 19	/ /				-
54F273		5962-8855001	2 3 18	/ /				-
54FCT273		5962-8765601	2 3 25	/ /				-
54FCT273A		5962-8765602	2 3 25	/ /				
54HC273	65601	8409901	1 3 21	1 03/31/86	S1	38		P
54HCT273		5962-8772501	2 3 21	/ /				-
54LS273	32501	7801001	1 3 2	C 09/24/87	S1	10		P
54LS279	31602	7601801	1 3 2	D 12/10/87	B1	10		P
5428	16201		4 2 1	A 08/09/83		2		-
54LS28	30204		1 2 2	C 2 08/09/83	B1	9		P
54F280	34901		1 4 18	A 2 10/01/86	S1	11		F
54HC280		8607701	2 4 21	/ /				F
54LS280	32901		1 4 2	A 1 08/22/83	S1	11		P
54BCT2827A		5962-9074401M	2 13 26	/ /				
54BCT2828A		5962-9074501M	2 13 26	/ /				
54F283	34201		1 4 18	2 03/02/84	S1	11		F
54HC283		5962-8976501	2 4 21	/ /				
54LS283	31202	7604301	1 4 2	B 1 08/18/83	S1	11		P
54AS286		5962-8966301	2 4 18	/ /				
54LS290	32003		1 5 2	C 1 03/06/85	B1	12		F
54LS293	32004		1 5 2	C 1 03/06/85	B1	12		P
54LS295B	30606		1 5 2	D 11/06/87	B1	12		F
54LS298	30909	7601901	1 4 2	D 3 06/21/85	B1	11		P
54ALS29821		5962-9061601	2 3 24	/ /				
54ALS29823		5962-9067501M	2 5 19	/ /				
54ALS29824		5962-9067502M	2 5 19	/ /				
54ALS29825		5962-9069501M	2 5 19	/ /				
54ALS29843		5962-9072001M	2 4 19	/ /				
54AC299	76506	5962-8875401	1 5 18	02/25/91	S1			

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
54ACT299	37601	5962-8877101	2 5 24	/ /				
54ALS299		8302101	2 5 19	2 09/30/83		12		-
54F299		5962-8957301	2 5 18	/ /				
54FCT299	66506	5962-8686201	2 5 25	/ /				-
54FCT299A		5962-8686202	2 5 25	/ /				
54HC299		5962-8780601	2 5 21	08/31/88		40		F
54LS299	00101	7802401	2 5 2	/ /				-
5430			3 1 1	E 2 06/01/82	B1	1		L
54ALS30A		5962-8683701	1 1 19	2 03/18/83	B1 S2	8		F
54F30	02301	5962-8870801	2 1 18	/ /				-
54H30			3 1 9	A 4 07/14/72		1		L
54HC30		8404001	1 1 21	A 05/22/87	B1 S2	36		P
54HCT30	65004	5962-8974601	2 1 21	/ /				
54L30			3 1 10	A 2 11/20/72		15		L
54LS30			1 1 2	D 1 07/15/87	S1	8		P
54S30	07008		3 1 5	B 1 11/22/85	B1	8		L
54F30244		5962-8872201	2 2 18	/ /				
54F30245		5962-8972201	2 13 18	/ /				
54F3037	HCPL-5431	5962-9056501	2 13 18	/ /				
5432		5962-8957101	1 22 16	/ /				
54AC32			3 1 1	1 09/07/76	B1	1		L
54ACT32	16101	5962-8761401	1 1 24	12/28/90	S1	36		L
54ALS32		5962-8973601	2 1 24	/ /				
54F32		5962-8683601	1 1 19	03/18/83	B1 S2	8		F
54HC32	33501		1 1 18	B 1 10/24/84	S1	8		F
54HCT32		8404501	1 1 21	A 05/15/87	S1	36		P
54LS32		5962-8685201	2 1 21	/ /				-
54F322	30501		1 1 2	B 2 08/09/83	S1	8		P
54ALS323		5962-8607401	2 5 18	/ /				-
54LS33		8302102	2 5 19	2 09/30/83		12		-
54LS348	36002	8512601	2 2 2	/ /				F
54F350			1 4 2	A 2 08/26/83	B1	11		F
54F352		5962-8607501	2 5 5	/ /				F
54F353	33909		1 4 18	C 1 09/02/86	S1	11		F
54LS353			1 4 18	C 1 09/02/86	S1	11		F
54F36		8550801	2 4 2	/ /				-
54365	16301	5962-8870901	2 1 18	/ /				-
54F365			3 2 1	A 2 08/07/84	B1	2		L
54HC365			1 2 18	10/28/87	B1	9		F
54LS365	35101	8500101	1 2 21	09/30/86	B1 S2	37		P
54366			1 2 2	B 4 10/20/82	S1	9		F
54HC366			3 2 1	A 2 08/07/84		2		L
54LS366	65707	5962-8682801	2 13 21	09/30/86		37		F
54367			1 2 2	B 4 10/20/82	S1	9		F
54HC367			3 2 1	A 2 08/07/84	B1	2		L
54HCT367	65708	8500201	1 2 21	09/30/86	B1 S2	37		P
54LS367		5962-9070601M	2 13 21	/ /				
54368			1 2 2	B 4 10/20/82	S1	9		F
54HC368	16304		3 2 1	A 2 08/07/84	B1	2		L
54LS368		5962-8681201	1 2 21	09/30/86	B1 S2	37		P
5437			1 13 2	B 4 10/20/82	S1	9		F
54ALS37	00302		3 2 1	F 1 05/20/85	B1	2		L
54F37			1 2 19	12/07/83	B1 S2	9		F
54LS37			2 2 18	08/07/87		9		-
	35201		1 2 2	C 2 08/09/83	S1	9		P

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
					3/ 4/	5/	6/	
54AC373	75403	5962-8755501	1 3 24	04/13/90	S1	37		-
54ACT373		5962-8755601	2 3 1	/ /				-
54ALS373	37203	8302001	1 3 19	A 02/12/87	B1 S2	10		F
54BCT373		5962-9074601M	2 3 26	/ /				
54F373	34601		1 3 18	B 1 02/12/87	S1	10		F
54FCT373		5962-8764401	2 3 25	/ /				-
54FCT373A		5962-8764402	2 3 25	/ /				-
54HC373	65403	8407201	1 3 21	12/19/86	S1	38		P
54HCT373	65453	5962-8686701	1 3 21	12/19/86	S1	38		-
54LS373	32502		1 3 2	C 09/24/87	S1	10		P
54AC374	75602	5962-8769401	1 3 24	08/16/90	B1	38		-
54ACT374		5962-8763101	2 3 24	/ /				-
54ALS374	37204	8302002	1 3 19	A 02/12/87	B1 S2	10		F
54BCT374		5962-9051601M	2 3 26	/ /				
54F374	34105		1 3 18	E 04/28/89	B1	10		F
54FCT374		5962-8762801	2 3 25	/ /				-
54FCT374A		5962-8762802	2 3 25	/ /				-
54HC374	65602	8407101	1 3 21	1 03/31/86	S1	38		P
54HCT374	65652	8550701	1 3 21	1 03/31/86	B1 S2	38		-
54LS374	32503	7801101	1 3 2	C 09/24/87	S1	10		P
54LS375	31604		1 3 2	D 12/10/87	B1	10		F
54AC377	75603	5962-8870201	2 3 24	08/16/90		38		
54ACT377		5962-8769701	2 3 24	/ /				
54F377		5962-9091001M	2 3 18	/ /				
54FCT377		5962-8762701	2 3 25	/ /				-
54FCT377A		5962-8762702	2 3 25	/ /				
54HC377	65603	5962-8780701	2 3 21	1 03/31/86		38		F
54HCT377		5962-8976901	2 3 21	/ /				-
54LS377	32504		1 3 2	C 09/24/87	S1	10		F
54F378	34108	5962-8855501	2 5 18	E 04/28/89		10		-
54LS378		5962-8992501	2 3 2	/ /				
54F379	34109		1 3 18	E 04/28/89	B1	10		-
5438	00303		3 2 1	F 1 05/20/85	S1	2		L
54ALS38A		5962-8687101	2 2 19	/ /		9		-
54F38	35202	5962-8687201	1 2 18	08/07/87	B1	10		F
54LS38	30203		1 2 2	C 2 08/09/83	S1	9		P
54F381	33803	5962-8671001	1 4 18	1 02/24/87	B1	11		F
54F382	33804		1 4 18	1 02/24/87	B1	11		-
54LS382		5962-8688101	2 4 2	/ /				
54HC390	66308	8600901	2 5 21	09/30/87		40		F
54LS390	32701	7802601	1 5 2	A 3 12/10/82	B1	12		P
54HC393	66309	8410001	1 5 21	09/30/87	B1 S2	40		P
54HCT393		5962-8989001	2 5 21	/ /				
54LS393	32702		1 5 2	A 3 12/10/82	S1	12		P
54LS395A	30607		1 5 2	D 11/06/87	S1	12		P
54LS396		5962-9050301	2 5 2	/ /				
54F398	35001		1 4 18	06/24/85	S1	12		F
54F399	35002		1 4 18	06/24/85	S1	12		F
54FCT399		5962-8965201	2 5 25	/ /				
54FCT399A		5962-8965202	2 5 25	/ /				
54LS399		8415401	2 5 2	/ /				F
5440	00301		3 2 1	F 1 05/20/85	B1	2		L
54F40	35203		2 2 18	08/07/87		9		-
54H40	02401		3 2 9	A 04/05/84		2		-
54LS40	30201		1 2 2	C 2 08/09/83	S1	9		F

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TABLE VI. Cross Reference - Continued.

Generic/ Industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
54S40	07201		3 2 5	B 10/20/87	S1	9		L
54HC4002	65104	8404401	1 1 21	A 05/15/87	S1	36		F
54HCT40102		5962-9057401	2 5 21	/ /				
54HC40103		5962-9055301	2 5 21	/ /				
54HC4016		5962-8875801	2 18 21	/ /				
54HC4017	66310	8601101	2 5 21	09/30/87		40		-
54HCT4017		5962-9059701M	2 5 21	/ /				
54HC4020	66311	8500301	2 5 21	09/30/87		40		-
54HCT4020		5962-8945801	2 5 21	/ /				
54HC4024	66312	8601201	2 5 21	09/30/87		40		-
54HC4040	66313	8500401	2 5 21	09/30/87		40		-
54HCT4040		5962-8994701M	2 5 21	/ /				
54HC4046A		5962-8960901	2 24 21	/ /				
54HCT4046A		5962-8875701	2 24 21	/ /				
54HC4049		5962-8681901	2 2 21	/ /				-
54HC4050		5962-8682001	2 4 21	/ /				-
54HC4052		5962-8855601	2 18 21	/ /				-
54HC4053		5962-8775401	2 18 21	/ /				-
54HC4059		5962-8944501	2 5 21	/ /				-
54HCT4059		5962-8862401	2 5 21	/ /				-
54HC4060		5962-8768001	2 5 21	/ /				-
54HCT4060		5962-8977101	2 5 21	/ /				-
54HC4066		5962-8950701	2 18 21	/ /				-
54HC4075		5962-8772201	2 1 21	/ /				-
54HC4078		5962-8857401	2 1 21	/ /				-
5442	01001		3 4 1	C 03/03/86	B1	4		L
54HC42	65801	5962-8682101	2 4 21	12/19/86		39		F
54L42	02901		4 4 10	C 04/16/84		18		-
54LS42	30703	7603101	1 4 2	C 11/05/87	S1	11		P
54HC423A		5962-8949201	2 3 21	/ /				
5443	01002		4 4 1	C 03/03/86		4		-
54L43	02902		4 4 10	C 04/16/84		18		-
54F432		5962-9058501	2 3 18	/ /				
5444	01003		4 4 1	C 03/03/86		4		-
54L44	02903		4 4 10	C 04/16/84		18		-
5445	01004		3 4 1	C 03/03/86		4		L
54HC4511		5962-8773301	2 4 21	/ /				
54HC4538		5962-8688601	2 3 21	/ /				-
5446	01006		3 4 1	C 03/03/86		4		L
54L46	02904		4 4 10	C 04/16/84		18		-
5447	01007		3 4 1	C 03/03/86	B1	4		L
54L47	02905		4 4 10	C 04/16/84		18		-
54LS47	30704	7604501	1 4 2	C 11/05/87	B1	11		F
5448	01008		3 4 1	C 03/03/86		4		L
5449	01009		4 4 1	C 03/03/86		4		-
54LS490	32703		1 5 2	A 3 12/10/82	B1	12		F
5450	00501		3 1 1	C 1 05/20/85	B1	1		L
54H50	04001		4 1 9	A 04/13/84		1		-
5451	00502		3 1 1	C 1 05/20/85	B1	1		L
54F51		5962-8877401	2 1 18	/ /				
54H51	04002		4 1 9	A 04/13/84		1		-
54L51	04101		4 1 10	C 08/09/83		15		-
54L551	30401		1 1 2	B 2 08/09/83	S1	8		P
54S51	07401		3 1 5	B 1 10/28/85	S1	8		L
54F518		5962-8871001	2 4 18	/ /				-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
54F519		5962-8871101	2 4 18	/ /				-
54ACT520		5962-8979301	2 4 24	/ /				
54ALS520		5962-8869101	2 4 19	/ /				
54F520		5962-8871201	2 4 18	/ /				
54ACT521		5962-8979302	2 4 24	/ /				
54F521	34701		1 4 18	2 05/01/85	S1	8		F
54FCT521		5962-8854301	2 4 25	/ /				
54FCT521A		5962-8854302	2 4 25	/ /				
54FCT521B		5962-8854303	2 4 25	/ /				
5453	00503		3 1 1	C 1 05/20/85	B1	1		L
54H53	04003		4 1 9	A 04/13/84		1		-
54AC533	75404		2 3 24	04/13/90		37		
54F533	34602		1 3 18	B 1 02/12/87	B1	10		F
54FCT533		5962-8865101	2 3 25	/ /				
54FCT533A		5962-8865102	2 3 25	/ /				
54HC533	65404	5962-8681301	2 3 21	12/19/86		38		-
54AC534	75605		2 3 24	08/16/90		38		
54ACT534		5962-8965801	2 3 24	/ /				
54ALS534		5962-8866801	2 3 19	/ /				-
54BCT534		5962-9074701M	2 3 26	/ /				
54F534	34106		1 3 18	E 04/28/89	B1	10		F
54FCT534		5962-8865501	2 3 25	/ /				
54FCT534A		5962-8865502	2 3 25	/ /				
54HC534	65605	5962-8681401	2 3 21	1 03/31/86		38		-
54HCT534		5962-8984901	2 3 21	/ /				
5454	00504		3 1 1	C 1 05/20/85	B1	1		L
54H54	04004		4 1 9	A 04/13/84		1		-
54L54	04102		4 1 10	C 08/09/83		15		-
54LS54	30402		1 1 2	B 2 08/09/83	B1 S2	8		P
54AC540	75710	5962-8769501	2 13 24	12/28/89		37		-
54BCT540		5962-9074801M	2 13 26	/ /				
54F540	33204		1 2 18	B 10/30/87	B1	9		F
54FCT540		5962-8976701	2 2 25	/ /				
54FCT540A		5962-8976702	2 2 25	/ /				
54HC540	65710		1 2 21	09/30/86	B1 S2	37		F
54HCT540	65760		1 13 21	09/30/86	B1 S2	37		-
54LS540	32404	8415501	1 2 2	C 10/15/87	B1	9		F
54AC541	75711	5962-8870601	2 2 24	12/28/89		37		
54ALS541		5962-8960201	2 2 19	/ /				
54BCT541		5962-9074901M	2 13 26	/ /				
54FCT541		5962-8976601	2 2 25	/ /				
54FCT541A		5962-8976602	2 2 25	/ /				
54HC541	65711		1 2 21	09/30/86	B1 S2	37		F
54HCT541	65761		1 2 21	09/30/86	B1 S2	37		F
54LS541	32405	8415601	1 2 2	C 10/15/87	B1	9		F
54BCT543		5962-9087001M	2 13 26	/ /				
54FCT543		5962-8973001	2 13 25	/ /				
54FCT543A		5962-8973002	2 13 25	/ /				
54BCT544		5962-9155401M	2 13 26	/ /				
54F544		5962-8955501	2 13 18	/ /				
54F545	34804		1 13 18	B 05/12/88	B1	9		
54H55	04005		4 1 9	A 04/13/84		1		-
54L55	04103		4 1 10	C 08/09/83		15		-
54ALS560	38104		2 5 19	2 02/21/84		12		-
54ALS561A	38004	8302203	2 5 19	A 1 08/08/86		12		-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
54AC563	75405		2 3 24	04/13/90		37		
54ACT563		5962-8955601	2 3 24	/ /				
54ALS563A		5962-8870001	2 3 19	/ /				
54F563	34603		1 3 18	B 1 02/12/87	B1	10		F
54HC563	65405	5962-8606201	2 3 21	12/19/86		38		F
54AC564	75606		2 3 24	08/16/90		38		
54ACT564		5962-8955701	2 3 24	/ /				
54ALS564A		5962-8872801	3 3 19	/ /				
54F564	34111		2 3 18	E 04/28/89		10		-
54HC564	65606	5962-8681501	2 3 21	1 03/31/86		38		-
54ALS568	38105		2 5 19	2 02/21/84		12		-
54ALS569A	38005	8302502	2 5 19	A 1 08/08/86		9		
54S572	20601		2 7 5	B 01/31/84		14		L
54AC573	75406		2 3 24	04/13/90		37		
54ACT573		5962-8766401	2 3 24	/ /				
54ALS573	38201	8401201	1 3 19	A 06/22/87	B1 S2	10		F
54F573	34604		1 3 18	B 1 02/12/87	B1	10		F
54FCT573		5962-8863901	2 3 25	/ /				
54FCT573A		5962-8863902	2 3 25	/ /				
54HC573	65406	8512801	1 3 21	12/19/86	B1 S2	38		P
54HCT573		5962-8685601	2 3 21	/ /				-
54AC574	75604		2 3 24	08/16/90		38		
54ACT574		5962-8960101	2 3 24	/ /				
54ALS574A	37104	8400101	1 3 19	A 1 08/08/86	B1 S2	10		F
54F574	34110	5962-8972401	2 3 18	E 04/28/89		10		
54FCT574		5962-8951301	2 3 25	/ /				
54FCT574A		5962-8951302	2 3 25	/ /				
54HC574	65604		1 3 21	1 03/31/86	B1 S2	38		P
54ALS576A	37105	8400102	2 3 19	A 1 08/08/86		10		-
54F579		5962-8954501	2 5 18	/ /				
54ALS580	38202	8401202	2 3 19	A 06/22/87		10		-
54HC590		5962-8960301	2 5 21	/ /				
54LS590		5962-8751701	2 5 2	/ /				-
54LS592		5962-8762101	2 5 2	/ /				-
54HC595	66507	5962-8681601	2 5 21	08/31/88		40		-
54LS595		5962-8671701	2 5 2	/ /				-
54HC597		5962-8681701	2 5 21	/ /		40		-
54HCT597		5962-8974101	2 5 21	/ /				
54BCT620A		5962-9075001M	2 13 26	/ /				
54F620		5962-8946601	2 13 18	/ /				
54F621		5962-9050602	2 13 18	/ /				
54AC623	75505		2 13 24	12/28/89		37		
54BCT623		5962-9094001M	2 13 26	/ /				
54F623		5962-9050601	2 13 18	/ /				
54HC623		5962-8998901	2 13 21	/ /				
54LS629		8102101	2 24 2	/ /				-
54F64	33401		1 1 18	B 4 10/25/84	S1	8		F
54S64	07402		3 1 5	B 1 10/28/85	B1	8		L
54AC640	75506		2 13 24	12/28/89		37		
54ALS640A	38501	5962-8872701	2 13 19	A 01/04/88		9		-
54AS640		5962-8955301	3 13 18	/ /				
54BCT640		5962-9075201M	2 13 26	/ /				
54FCT640		5962-8865401	2 13 25	/ /				
54FCT640A		5962-8865402	2 13 25	/ /				
54HC640	65506	5962-8780901	2 13 21	1 09/30/86		37		F

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
					3/ 4/	5/	6/	
54HCT640		5962-8974001	2 13 21	/ /				
54LS640		8416101	2 13 2	/ /				-
54ALS641	38502		2 13 19	A 01/04/88		9		-
54ALS642	38503		2 13 19	A 01/04/88		9		-
54LS642		5962-8974801	2 13 2	/ /				
54AC643	75507		2 13 24	12/28/89		37		
54ALS643	38504		2 13 19	A 01/04/88		9		-
54HC643	65507		2 13 21	1 09/30/86		37		F
54ALS645A	38505	8403301	1 13 19	A 01/04/88	S2	9		-
54FCT645		5962-8865301	2 13 25	/ /				
54FCT645A		5962-8865302	2 13 25	/ /				
54AC646	75508	5962-8968201	2 13 24	12/28/89				
54ALS646		5962-8995601	2 13 19	/ /				
54AS646		5962-8759501	3 13 18	/ /				-
54BCT646		5962-9155501M	2 13 26	/ /				
54F646		5962-8975401	2 13 18	/ /				
54FCT646		5962-8877501	2 13 25	/ /				
54FCT646A		5962-8877502	2 13 25	/ /				
54HC646	65508	5962-8688501	2 13 21	1 09/30/86		37		-
54LS646	32804		2 13 2	B 4 03/23/84		9		-
54AC648	75509		2 13 24	12/28/89		37		
54ALS648		5962-9052301	2 13 19	/ /				
54F648		5962-8975402	2 13 18	/ /				
54HC648	65509		2 13 21	1 09/30/86		37		-
54LS648	32805		2 13 2	B 4 03/23/84		9		-
54S65	07403		4 1 5	B 1 10/28/85		8		L
54AS651		5962-8875301	3 13 18	/ /				
54ALS652		5962-8867301	2 13 19	/ /				
54AS652		5962-8868701	3 13 1	/ /				-
54BCT652		5962-9155301M	2 13 26	/ /				
54F652		5962-8955801	2 13 18	/ /				
54ALS653		5962-8968701	2 13 19	/ /				
54F657		5962-8953501	2 13 18	/ /				
54LS668		5962-8687601	2 5 2	/ /				-
54LS670	31901	7704201	1 5 2	B 2 03/04/85	B1			P
54LS673		5962-8860201	2 5 2	/ /				-
54LS674		5962-8860701	2 5 2	/ /				-
54F676		5962-8854601	2 5 18	/ /				-
54LS682		8415101	2 10 2	/ /				-
54LS684		8415201	2 10 2	/ /				-
54ALS688		5962-8857801	2 4 19	/ /				-
54HC688		5962-8681801	2 4 21	/ /				F
54HCT688		5962-8685701	2 4 21	/ /				-
54LS688		8415301	2 10 2	/ /				-
5470	00206		3 3 1	E 7 12/24/74	B1	3		L
54L71	02101		3 3 10	D 01/04/88		17		L
5472	00201		3 3 1	E 7 12/24/74	B1	3		L
54H72	02201		4 3 9	C 02/27/89		3		L
54L72	02102		3 3 10	D 01/04/88		17		L
54HC7266	65105	8404302	2 1 21	A 05/15/87		36		-
5473	00202		3 3 1	E 7 12/24/74	B1	3		L
54H73	02202		4 3 9	C 02/27/89		3		L
54HC73	65301	5962-8515301	2 3 21	A 01/15/88		38		-
54L73	02103		3 3 10	D 01/04/88	S1	17		L
54LS73	30101		1 3 2	D 04/08/88	S1	10		F

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status:		Micro- circuit group	Rad- ation level	NATO
					3/	4/	5/	6/	
5474	00205		3 3 1	E 7 12/24/74	B1		3		L
54AC74	75302	5962-8852001	1 3 24	05/14/90	S1		38		-
54ACT74		5962-8752501	2 3 24	/ /					-
54ALS74A	37101	8401101	1 3 19	A 1 08/08/86	S1		10		F
54H74	02203		4 3 9	C 02/27/89			3		L
54HC74	65302	8405601	1 3 21	A 01/15/88	S1		38		P
54HCT74	65352	5962-8685301	1 3 21	A 01/15/88	S1		38		-
54L74	02105		3 3 10	D 01/04/88	S1		17		L
54LS74A	30102		1 3 2	D 04/08/88	S1		10		F
54S74	07101		3 3 5	C 4 07/23/84	S1		10		L
5475	01501		3 3 1	A 1 07/27/79			5		L
54HC75	65401	8407001	2 3 21	12/19/86			38		-
54HCT75		5962-9075801M	2 3 21	/ /					
54LS75	31601	7601201	1 3 2	D 12/10/87	S1		10		P
54AS756		5962-9056301	2 2 18	/ /					
5476	00204		3 3 1	E 7 12/24/74			3		L
54H76	02204		4 3 9	C 02/27/89			3		L
54HC76		5962-8773201	2 3 21	/ /					-
54LS76A	30110	7601301	1 3 2	D 04/08/88	S1		10		F
54AS760		5962-8776701	3 2 18	/ /					
54BCT760		5962-9093801M	2 13 26	/ /					
5477	01502		3 3 1	A 1 07/27/79			5		L
54F776		5962-8870701	2 13 18	/ /					
54L78	02104		3 3 10	D 01/04/88			17		L
5479	00207		3 3 1	E 7 12/24/74			3		L
TLC548		5962-9084501M	2 17 12	/ /					
5480	00604		3 4 1	C 2 06/24/76			4		L
54ALS804		5962-8869301	2 13 19	/ /					-
54AS804		5962-8776601	3 2 1	/ /					-
54ALS805A		5962-8869401	2 13 19	/ /					-
54AS805		5962-8779401	3 2 18	/ /					-
54ALS808		5962-8869501	2 13 19	/ /					-
54AS808		5962-8852201	3 2 18	/ /					-
5482	00601		3 4 1	C 2 06/24/76			4		L
54ACT821		5962-8870501	2 3 24	/ /					
54AS821		5962-9078001M	2 3 18	/ /					
54FCT821A		5962-8860801	2 5 25	/ /					
54FCT821B		5962-8860802	2 5 25	/ /					
54AS822		5962-9078002M	2 3 18	/ /					
54AS823		5962-8952501	3 3 18	/ /					
54FCT823A		5962-8865601	2 5 25	/ /					
54FCT823B		5962-8865602	2 5 25	/ /					
54FCT824A		5962-8966501	2 5 25	/ /					
54FCT824B		5962-8966502	2 5 24	/ /					
54AS825		5962-9078003M	2 3 18	/ /					
54FCT825A		5962-8867401	2 5 25	/ /					
54FCT825B		5962-8867402	2 5 25	/ /					
54AS826		5962-9078004M	2 3 18	/ /					
54FCT827A		5962-8950601	2 13 25	/ /					
54FCT827B		5962-8950602	2 13 25	/ /					
5483	00602		3 4 1	C 2 06/24/76	B1		4		L
54LS83A	31201	7601401	1 4 2	B 1 08/18/83	B1		11		P
54ALS832		8414501	2 13 19	/ /					-
54AS832B		5962-8852301	3 2 18	/ /					
54FCT833A		5962-8973101	2 13 25	/ /					

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
54FCT833B		5962-8973102	2 13 25	/ /				
54FCT841A		5962-8857501	2 3 25	/ /				
54FCT841B		5962-8857502	2 3 25	/ /				
54FCT845A		5962-8867501	2 8 25	/ /				
54FCT845B		5962-8867502	2 8 25	/ /				
5485	15001		3 4 1	C 11/07/85	B1	4		L
54C85		7703701	3 4 8	/ /				-
54F85		5962-8606901	3 4 18	/ /				F
54HC85		8601301	2 4 21	/ /				-
54HCT85		5962-8867201	2 4 21	/ /				P
54LS85	31101		1 4 2	B 3 02/28/84	S1	11		L
54S85	08201		3 4 5	B 11/30/87	B1	11		F
54ALS857A	37901	5962-8753301	1 4 19	A 05/01/85	B1	11		L
5486	00701		3 1 1	B 2 06/21/75	B1	1		-
54AC86	75202	5962-8955001	1 1 24	12/28/90	S1			F
54ALS86		5962-8862101	2 1 19	/ /				P
54F86	34501		1 1 18	B 12/16/87	B1 S2	8		-
54HC86	65202	8404601	1 1 21	A 05/15/87	S1	36		L
54HCT86		5962-8984401	2 1 21	/ /				P
54L86	02601		3 1 10	4 08/15/72	S1	15		L
54LS86	30502		1 1 2	B 2 08/09/83	S1	8		P
54S86	07501		3 1 5	B 1 11/27/85	S1	8		L
54FCT861A		5962-8953301	2 13 25	/ /				
54FCT861B		5962-8953302	2 13 25	/ /				
54FCT863A		5962-8866101	2 13 25	/ /				
54FCT863B		5962-8866102	2 13 25	/ /				
54AS867		5962-8966801	3 5 18	/ /				
54AS869		5962-8952601	3 5 18	/ /				
54ALS870		5962-8988901	2 5 19	/ /				
54ALS873	38203	8403201	2 3 19	A 06/22/87		10		-
54ALS874B	37106	8401001	2 3 19	A 1 08/08/86		10		-
54ALS876	37107	8401002	2 3 19	A 1 08/08/86		10		-
54ALS880	38204	8403202	2 3 19	A 06/22/87		10		-
54AS885		5962-8975701	3 4 18	/ /				
TLC549		5962-9084502M	2 17 12	/ /				
5490	01307		3 5 1	F 5 04/16/82		5		L
54L90	02501		3 5 10	D 08/08/86		19		L
54LS90	31501	7603201	1 5 2	C 2 01/17/84	S1	12		P
54C906		7705601	3 2 3	/ /				-
5492	01301		3 5 1	F 5 04/16/82		5		L
54LS92	31510		1 5 2	C 2 01/17/84	B1	12		P
54C922		5962-8752101	3 4 3	/ /				-
5493	01302		3 5 1	F 5 04/16/82	B1	5		L
54L93	02502		3 5 10	D 08/08/86	S1	19		L
54LS93	31502	7700101	1 5 2	C 2 01/17/84	S1	12		P
5495	00901		3 5 1	D 5 06/04/80	B1	5		L
54L95	02801		3 5 10	2 08/02/74	S1	19		L
54LS95B	30603		1 5 2	D 11/06/87	S1	12		P
5496	00902		3 5 1	D 5 06/04/80		5		L
54LS96	30604		1 5 2	D 11/06/87	B1	12		F
54ALS996		5962-8994501	2 3 19	/ /				
54F198		5962-9050201	2 5 18	/ /				
HCPL-5501		5962-9085401H	1 22 16	/ /				
55ALS056		5962-9062801	2 13 19	/ /				
55ALS057		5962-9062901	2 13 19	/ /				

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status: 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
55107	10401		1 13 12	8 1 05/29/87	81	53		F
55108	10402		1 13 12	8 1 05/29/87	81	53		F
55110A		5962-8754701	2 13 12	/ /				-
55113		5962-8874401	2 13 12	/ /				-
55113	10405		1 13 12	8 1 05/29/87	81	53		F
55115		5962-8874501	2 13 12	/ /				F
55116		5962-8851101	2 13 12	/ /				-
55117		5962-8851102	2 13 12	/ /				-
55118		5962-8851103	2 13 12	/ /				-
55119		5962-8851104	2 13 12	/ /				-
55121		5962-8776901	2 13 12	/ /				-
55ALS160		5962-8968001	2 13 19	/ /				-
55ALS161		5962-8968101	2 13 19	/ /				-
55188		5962-8688901	2 13 12	/ /				-
55189		5962-8688801	3 13 12	/ /				-
55189A		5962-8688802	2 13 12	/ /				-
55ALS194		5962-8864801	2 13 19	/ /				-
55ALS195		5962-8864901	2 13 19	/ /				-
5521		5962-9087902M	2 24 12	/ /				-
HCPL-5531		5962-8767902	1 22 16	/ /				-
5532A	13102		1 9 12	1 07/15/82	81	49		F
55325	13001		1 15 12	8 2 01/02/86	81	55		F
55326	13002		1 15 12	8 2 01/02/86	81	55		F
55327	13003		2 15 12	8 2 01/02/86		55		F
5534A	13101		1 9 12	1 07/15/82	81	49		F
5537	12502		2 20 12	1 11/03/81		60		-
5539		5962-8606401	2 9 12	/ /				-
55450	12901		3 13 12	A 2 12/06/85		53		-
55451	12902		1 13 12	A 2 12/06/85	81	53		F
55452	12903	7704901	1 13 12	A 2 12/06/85	81	53		F
55453	12904		1 13 12	A 2 12/06/85	81	53		F
55454	12905	5962-8871501	1 13 12	A 2 12/06/85	81	53		F
55460	12906		3 13 12	A 2 12/06/85		53		-
55461	12907		1 13 12	A 2 12/06/85	81	53		F
55462	12908		1 13 12	A 2 12/06/85	81	53		F
55463	12909		1 13 12	A 2 12/06/85	81	53		F
55464	12910	5962-8871502	2 13 12	A 2 12/06/85		53		-
55474		5962-8871503	2 13 12	/ /		53		-
555	10901		1 14 12	A 3 09/18/80	81	54		F
555	10903		3 14 12	A 3 09/18/80		54		L
555LV	14905		2 14 3	05/07/89		78		-
TLC555	14901	5962-8950301	2 14 3	05/07/89		78		-
55500		8601801	2 13 23	/ /				-
55501		8601802	2 13 23	/ /				-
556	10902		1 14 12	A 3 09/18/80	81	54		F
TLC556	14902	5962-8950302	2 14 3	05/07/89		78		-
5560		5962-8672201	2 12 1	/ /				-
5564-250	22810		3 7 7	09/22/87		47		-
5564-250	22811		3 7 7	09/22/87		47		-
55C64-250	26005		2 7 3	01/06/89		42		-
AD558S		5962-8778901	3 16 12	/ /				-
AD558T	14401	5962-8778902	2 16 12	07/22/87		56		-
56001-20		5962-8951201	2 8 3	/ /				-
HCPL-5601		5962-9085501H	2 22 16	/ /				-
LM5603A	20201		4 7 1	8 05/25/84		7		-

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Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
561	13301		1 16 12	A 1 08/18/86	B1	56		F
562	12101	8100801	1 16 12	A 3 06/04/84	B1	56		F
IM5623	20202		4 7 1	B 05/25/84		7		-
563	12102	8100802	2 16 12	A 3 06/04/84		56		-
HCPL-5631		8102802	2 22 16	/ /				
565	12103		1 16 12	A 3 06/04/84	B1	56		F
566	12104		2 16 12	A 3 06/04/84		56		-
567		5962-8700301	2 24 16	/ /				-
AD567S		5962-8780101	2 16 12	/ /				-
AD570		5962-8680201	2 17 12	/ /				-
HCPL-5701		5962-8981001	1 22 16	/ /				-
AD571	13401	5962-8680202	2 17 12	1 05/06/85		57		-
AD573S		5962-8850501	2 17 12	/ /				-
HCPL-5731		5962-8978501	1 22 16	/ /				-
574AT		5962-8512702	2 17 12	/ /		57		-
574AT		5962-8512704	3 17 20	/ /		57		-
574AT	14004		2 17 12	10/31/86		57		-
574AU		5962-8512701	2 17 12	/ /		57		-
574AU		5962-8512703	3 17 12	/ /		57		-
574AU	14003		2 17 12	10/31/86		57		-
57401		5962-8779101	2 8 12	/ /				-
57401A		5962-8779103	2 8 12	/ /				-
57L401D		5962-8779109	2 8 12	/ /				-
C57401		5962-8779105	2 8 12	/ /				-
C57401A		5962-8779107	2 8 12	/ /				-
57L4013D		5962-8779111	2 8 12	/ /				-
57402		5962-8779102	2 8 12	/ /				-
57402A		5962-8779104	2 8 12	/ /				-
57L402D		5962-8779110	2 8 12	/ /				-
C57402		5962-8779106	2 8 12	/ /				-
C57402A		5962-8779108	2 8 12	/ /				-
HCPL-5761		5962-8947701	1 22 16	/ /				-
57C64-70		8510207	2 7 3	/ /				-
AD578SD		5962-8865801	1 17 16	/ /				-
AD578TD		5962-8865802	1 17 16	/ /				-
AD578ZSD		5962-8865803	1 17 16	/ /				-
AD578ZTD		5962-8865804	1 17 16	/ /				-
580S		5962-8686101	2 19 12	/ /				-
580U		5962-8686103	2 19 12	/ /				-
UCS-5800		5962-8764002	2 13 15	/ /				-
UCS-5801		5962-8764001	2 13 23	/ /				-
UCS5822		5962-8764101	2 13 12	/ /				-
584S	12801		1 19 12	3 05/12/82	B1	50		F
584T	12802		1 19 12	3 05/12/82	B1	50		F
AD585		5962-8754001	2 20 12	/ /				-
AD586S		5962-8982401	2 19 12	/ /				-
AD586T		5962-8982402	2 19 12	/ /				-
AD587SQ		5962-8982501	2 19 12	/ /				-
AD587TQ		5962-8982502	2 19 12	/ /				-
AD587UQ		5962-8982503	3 19 12	/ /				-
AD588S		5962-8972801	2 19 12	/ /				-
AD588T		5962-8972802	2 19 12	/ /				-
AD590J		5962-8757101	2 24 12	/ /				-
AD590K		5962-8757102	2 24 12	/ /				-
AD590L		5962-8757103	2 24 12	/ /				-

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TABLE VI. Cross Reference - Continued.

Generic/ Industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- iation level 6/	NATO
AD590M		5962-8757104	2 24 12	/ /				-
592		8418502	2 9 12	/ /				-
604A		5962-8956401	2 24 12	/ /				
LM604		5962-8963901	2 9 12	/ /				
6116	29101		2 6 3	07/25/85	B1	46		F
6116	29104		1 6 3	07/25/85		46		F
6116	29105		2 6 3	07/25/85		46		F
6N134		8102801	1 22 16	/ /				-
6N140A		8302401	1 22 16	/ /				-
LM6161		5962-8962101	2 9 12	/ /				
LM6164		5962-8962401	2 9 12	/ /				
LM6165		5962-8962501	2 9 12	/ /				
HCPL-6231		5962-6876902	1 22 16	/ /				
AD625		5962-8771901	2 9 12	/ /				-
AD630		5962-8980701	2 24 12	/ /				
3US-63105		5962-8604901	3 13 16	/ /				-
UT63M105		5962-8864401	2 13 12	/ /				
UT63M107		5962-8864402	2 13 12	/ /				
UT63M115		5962-8864403	2 13 12	/ /				
UT63M117		5962-8864404	2 13 12	/ /				
3US-63125		5962-8757901	3 13 16	/ /				-
BUS-6312511		5962-8757902	2 13 16	/ /				-
MR63125MPR		5962-8757908	2 13 16	/ /				
UT63M125		5962-8864405	2 13 12	/ /				
3US-6312711		5962-8982601	2 13 16	/ /				
UT63M127		5962-8864406	2 13 12	/ /				
3US6313511		5962-8944704H	2 13 16	/ /				
UT63M135		5962-8864407	2 13 12	/ /				
UT63M137		5962-8864408	2 13 12	/ /				
3US-63147		5962-8952201	2 13 16	/ /				
3US-63148		5962-8952204	2 13 16	/ /				
AD637		5962-8963701	2 24 12	/ /				
JP64A		5962-9053501	2 9 12	/ /				
HD-6402B		5962-9052502M	2 13 3	/ /				
HD-6402R		5962-9052501M	2 13 3	/ /				
HCPL-6431		5962-8957102	1 22 16	/ /				
AD650	13803		2 17 12	08/27/87		56		-
6504	24501		1 6 3	A 01/28/87	B1			-
6504RH	24503		1 6 3	A 01/28/87	S1	41		-
6508	23901		4 6 3	B 09/04/84		41		-
BUS-65111		5962-8763201	2 13 16	/ /				
3US-65112		5962-8753501	2 22 16	/ /				-
6514	24502		1 6 3	A 01/28/87	B1			
6514RH	24504		1 6 3	A 01/28/87	S1	41		
6516	29102		1 6 3	07/25/85	B1	46		F
6516-1	61001		2 6 3	A 05/13/88		41		-
6516-2	61002		2 6 3	A 05/13/88		41		-
65162	29110		1 6 3	07/25/85	B1	46		-
6516-3	61003		2 6 3	A 05/13/88		41		-
6518	23902		4 6 3	B 09/04/84		41		-
65262	29103		1 6 3	07/25/85	B1	46		F
65262	29109		1 6 3	07/25/85	B1	46		
65C262RH	29107		2 6 3	07/25/85		46		
65T262RH	29108		2 6 3	07/25/85		46		
HCPL-6531		5962-8767903	1 22 16	/ /				

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
					3/ 4/	5/	6/	
BUS-65600		5962-8858501	2 13 16	/ /				
65642	29205		1 6 3	09/30/87	B1	41		F
65643	29206		2 6 3	09/30/87		41		-
MCM6604A	23602		4 6 7	A 09/04/84		46		-
MCM6604A	23604		4 6 7	A 09/04/84		46		-
MCM6605	23601		4 6 7	A 09/04/84		46		-
MCM6605	23603		4 6 7	A 09/04/84		46		-
BUS-66300II		5962-8858601	2 8 16	/ /				
HCPL-6631		8102803	2 22 16	/ /				
6654	21901		4 7 3	A 10/15/83		42		-
6665	24401		3 6 7	B 2 07/30/84	B1	46		L
6665	24402		3 6 7	B 2 07/30/84	B1	46		L
6665	24403		3 6 7	B 2 07/30/84	B1	46		L
AD667S		5962-8865901	2 16 26	/ /				
6685		8600803	2 10 12	/ /				-
AM6687		7801902	2 10 12	/ /				
670S		5962-8763501	2 17 26	/ /				
AD673S		5962-8850502	2 17 12	/ /				-
HCPL-6731		5962-8978502	1 22 16	/ /				
674AT	14006		2 17 12	10/31/86		57		-
674AU	14005		2 17 12	10/31/86		57		-
R675B-3	13602		2 19 12	12/06/85		01		-
R675B-4	13601		2 19 12	12/06/85		01		-
6800	40001		4 8 7	A 09/30/83		107		-
68000-10	54003	8202103	1 8 7	B 04/20/89	B1	107		-
68000-12		8202104	2 8 7	/ /		107		-
68000-6	54001	8202101	2 8 7	B 04/20/89		107		-
68000-8	54002	8202102	1 8 7	B 04/20/89	B1	107		-
68020-12		5962-8603201	3 8 21	/ /				-
68020-16		5962-8603202	2 8 21	/ /				-
68020-20		5962-8603203	2 8 21	/ /				-
68030-16		5962-8946401	2 8 12	/ /				
68030-20		5962-8946402	2 8 12	/ /				
68030-25		5962-8946403	2 8 12	/ /				
68030-33		5962-8946404	2 8 12	/ /				
6810	40201		4 6 7	A 08/09/83		40		-
68154		5962-8857201	2 23 7	/ /				-
68155		5962-8866601	2 23 12	/ /				-
68172		5962-8770501	2 8 12	/ /				-
MC6821	40101		4 8 7	A 08/09/83		107		-
6831B	40301		4 7 7	A 08/16/83		47		-
68442-8		5962-8681101	2 8 12	/ /				
685		8600801	2 10 12	/ /				-
685		8600802	2 10 12	/ /				-
68562		5962-8681001	2 8 7	/ /				-
AM686		7801801	2 10 12	/ /				-
68681		5962-8856603	2 13 7	/ /				-
68C681		5962-8953203	2 13 3	/ /				-
AM687		7801901	2 10 12	/ /				-
68HC811E2		5962-8952701	2 8 21	/ /				-
68881-16		5962-8602102	2 8 21	/ /				-
68881-20		5962-8602103	2 8 21	/ /				-
68901-4		5962-8850601	2 8 7	/ /				-
68901-5		5962-8850602	2 8 7	/ /				-
OAC703		5962-8856301	2 16 26	/ /				

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
LM709		7800701	3 9 12	/ /				L
710	10301		3 10 26	0 06/24/88	B1	50		L
711	10302		3 10 12	0 06/24/88	B1	50		L
7132LA-45		5962-8700205	2 6 3	/ /				-
7132SA-45		5962-8700201	2 6 3	/ /				-
7132LA-55		5962-8700208	2 6 3	/ /				-
7132SA-55		5962-8700204	2 6 3	/ /				-
7132LA-70		5962-8700207	2 6 3	/ /				-
7132SA-70		5962-8700203	2 6 3	/ /				-
7132LA-90		5962-8700206	2 6 3	/ /				-
7132SA-90		5962-8700202	2 6 3	/ /				-
714	13502		1 9 12	8 12/18/87	S1	49		F
7142LA-45		5962-8700213	2 6 3	/ /				-
7142SA-45		5962-8700209	2 6 3	/ /				-
7142LA-55		5962-8700216	2 6 3	/ /				-
7142SA-55		5962-8700212	2 6 3	/ /				-
7142LA-70		5962-8700215	2 6 3	/ /				-
7142SA-70		5962-8700211	2 6 3	/ /				-
7142LA-90		5962-8700214	2 6 3	/ /				-
7142SA-90		5962-8700210	2 6 3	/ /				-
7C147	28901		1 6 3	2 12/04/86	B1			-
7C148	28902		1 6 3	2 12/04/86	B1	41		-
ICM7170		5962-8765301	2 8 3	/ /				-
7187S45	29202		2 6 3	09/30/87		41		-
7187L55	29203		2 6 3	09/30/87		41		-
7187S55	29201		2 6 3	09/30/87		41		-
7187L70	29204		2 6 3	09/30/87		41		-
7C190		5962-8969401	2 6 3	/ /				-
7C194	29303		1 6 3	09/20/89	B1	41		-
7C194	29304		1 6 3	09/20/89	B1	41		-
7C194	29311		1 6 3	09/20/89	B1	41		-
7C196	29305		2 6 3	09/20/89		41		-
7C196	29306		2 6 3	09/20/89		41		-
7C196	29316		2 6 3	09/20/89		41		-
7C197	29301		1 6 3	09/20/89	B1	41		-
7C197	29302		1 6 3	09/20/89	B1	41		-
7C197	29310		1 6 3	09/20/89	B1	41		-
7C198	29307		1 6 3	09/20/89	B1	41		-
7C198	29308		1 6 3	09/20/89	B1	41		-
7C198	29309		1 6 3	09/20/89	B1	41		-
7C198	29313		1 6 3	09/20/89	B1	41		-
7201LA30		5962-8753101	2 8 3	/ /				-
7201LA50		5962-8753102	2 8 3	/ /				-
7201LA80		5962-8753103	2 8 3	/ /		105		-
7203S4G		5962-8866904	2 8 3	/ /				-
7203S5C		5962-8866903	2 8 3	/ /				-
7203S6S		5962-8866902	2 8 3	/ /				-
7203S80		5962-8866901	2 8 3	/ /				-
721055		5962-8873301	2 4 3	/ /				-
721065		5962-8873302	2 4 3	/ /				-
721075		5962-8873303	2 4 3	/ /				-
7216L-40		5962-8687301	2 4 3	/ /				-
7216L-55		5962-8687302	2 4 3	/ /				-
7216L-75		5962-8687303	2 4 3	/ /				-
7217L-40		5962-8768601	2 4 3	/ /				-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
7217L-55	10201	5962-8768602	2 4 3	/ /	S1	52		F
7217L-75		5962-8768603	2 4 3	/ /				
7226		5962-8780201	2 16 12	/ /				
7228T		5962-8866301	2 16 12	/ /				
7228U		5962-8866302	2 16 12	/ /				
723			1 12 12	B 1 04/24/87				
7C235-30		5962-8863602	2 7 3	/ /				
7C235-40		5962-8863601	2 7 3	/ /				
72404L10		5962-8684601	2 8 3	/ /				
72404L15		5962-8684602	2 8 3	/ /				
72404L25		5962-8684603	2 8 3	/ /				
72404L35		5962-8684604	2 8 3	/ /				
733		8418501	2 9 12	/ /				
CY7C331-25		5962-8985503M	2 7 21	/ /				
CY7C331-30	10101	5962-8985502M	2 7 21	/ /	S1	49		F
CY7C331-40		5962-8985501M	2 7 21	/ /				
741A	10102	5962-8866905	2 8 3	/ /	S1	49		F
7C429-30			1 9 12	G 1 05/08/87				
747A	12702	5962-8872602	2 7 3	/ /	B1	80		F
V750-35		5962-8872601	2 7 3	/ /				
V750-40	12703		1 16 3	A 1 02/28/86	32	80		F
7520			1 16 3	A 1 02/28/86				
7521	12701		2 16 3	A 1 02/28/86		80		-
7523		5962-8770001	2 16 3	/ /				
7524	12704	5962-8770002	2 16 3	/ /	A 1 02/28/86	80		F
7524		5962-8770003	2 16 3	/ /				
7528		5962-8770101	2 16 3	/ /				
7528		5962-8770102	2 16 3	/ /				
7528		5962-8770103	2 16 3	/ /				
7537S		5962-8776301	2 16 3	/ /				
7537T		5962-8776302	2 16 3	/ /				
7537U		5962-8776303	2 16 3	/ /				
7541			2 16 3	A 1 02/28/86				
AD7541AS		5962-8948101	2 16 3	/ /				
AD7541AT		5962-8948102	2 16 3	/ /				
PM7541AA		5962-8948104	2 16 3	/ /				
PM7541AB		5962-8948103	2 16 3	/ /				
7545A		5962-8770206	2 16 3	/ /				
7545B	14903	5962-8770205	2 16 3	/ /	05/07/89	78		-
7545G		5962-8770204	2 16 3	/ /				
7545S		5962-8770201	2 16 3	/ /				
7545T		5962-8770202	2 16 3	/ /				
7545U		5962-8770203	2 16 3	/ /				
7547S		5962-8965701	2 16 3	/ /				
7547T		5962-8965702	3 16 3	/ /				
7547U		5962-8965703	2 16 3	/ /				
75C48S20		5962-8874301	2 17 3	/ /				
7549S		5962-8876501	2 16 3	/ /				
7549T		5962-8876502	2 16 3	/ /				
7555	14904	5962-8950303	2 14 3	05/07/89				
7556		5962-8950304	2 14 3	05/07/89				
AD7569S		5962-8962901	2 24 12	/ /				-
AD7569T		5962-8962902	2 24 12	/ /				
AD7572S05		5962-8759104	2 17 3	/ /				

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status		Micro- circuit group	Rad- ation level 6/	NATO
					3/	4/	5/		
AD7572T05		5962-8759105	2 17 3	/ /					-
AD7572U05		5962-8759106	2 17 3	/ /					-
AD7572S12		5962-8759101	2 17 3	/ /					-
AD7572T12		5962-8759102	2 17 3	/ /					-
AD7572U12		5962-8759103	2 17 3	/ /					-
PM-7574A		5962-8961603	2 17 3	/ /					-
PM-7574B		5962-8961604	2 17 3	/ /					-
7575S		5962-8776201	2 17 12	/ /					-
7575T		5962-8776202	2 17 12	/ /					-
AD7579		5962-8969801	2 17 12	/ /					-
AD7580		5962-8969802	2 17 12	/ /					-
760		5962-8754501	2 10 26	/ /					-
7602	20701		1 7 5	B 1 05/16/86	B1	S2	14		L
7603	20702		1 7 5	B 1 05/16/86	S1		14		L
7616S	21005		1 7 5	D 05/16/86	B1		14		L
7640	20801		3 7 5	C 01/31/84			14		L
7641	20802		1 7 5	C 01/31/84	B1	S2	14		F
76L42A	02906		4 4 10	C 04/16/84			18		-
7643	20602		1 7 5	B 01/31/84	S1		14		L
7644	20603		3 7 5	B 01/31/84			14		-
ICL7667		5962-8766001	2 13 12	/ /					-
AD767		5962-8961701	2 16 12	/ /					-
76L70	02805		3 5 10	2 08/02/74			19		L
AD7672TQ05		5962-8965503	2 17 3	/ /					-
AD7672UQ05		5962-8965504	2 17 3	/ /					-
AD7672TQ10		5962-8965501	2 17 3	/ /					-
AD7672UQ10		5962-8965502	2 17 3	/ /					-
7680	20903		3 7 5	D 1 09/30/86			14		L
7681	20904		3 7 5	D 1 09/30/86	S1		14		L
7684	20901		3 7 5	D 1 09/30/86			14		L
7684S		5962-8977702	2 17 3	/ /					-
7684T		5962-8977701	2 17 3	/ /					-
OP-77A		5962-8773802	2 9 12	/ /					-
OP-77B		5962-8773801	2 9 12	/ /					-
TL7702AM		5962-8868502	2 24 12	/ /					-
TL7705AM		5962-8868501	2 24 12	/ /					-
77S190	21001		3 7 5	D 05/16/86			14		-
TL7770-12M		5962-9093202M	2 24 12	/ /					-
TL7770-15M		5962-9093203M	2 24 12	/ /					-
TL7770-5M		5962-9093201M	2 24 12	/ /					-
78G	11702		3 12 12	A 3 06/11/81			52		L
78MG	11701		3 12 12	A 3 06/11/81			52		L
7805A		5962-8778201	2 12 12	/ /					-
7806A		5962-8962601	2 12 12	/ /					-
7808A		5962-8962801	2 12 12	/ /					-
7812A		5962-8777601	2 12 12	/ /					-
78C120		5962-8963001	2 13 12	/ /					-
7815A		5962-8855301	2 12 12	/ /					-
AD7820T		5962-8865002	2 17 3	/ /					-
AD7820U		5962-8865001	2 17 3	/ /					-
7824A		5962-8855401	2 12 12	/ /					-
7824T		5962-8876401	2 17 12	/ /					-
7824U		5962-8876402	2 17 12	/ /					-
7828T		5962-8876403	2 17 12	/ /					-
7828U		5962-8876404	2 17 12	/ /					-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
7831	10406	8004101	2 13 12	B 1 05/29/87		53		F
7832	10407	8004102	2 13 12	B 1 05/29/87		53		F
78S40		5962-8876101	2 12 26	/ /				
AD7846		5962-8969701	2 16 12	/ /				
78C48SC30		5962-8874302	2 17 3	/ /				
79G	11802		3 12 12	4 03/31/80		52		L
79MG	11801		3 12 12	4 03/31/80		52		L
7C901-27		5962-8853502	2 8 3	/ /				-
7C901-32		5962-8853501	2 8 3	/ /				-
7905A		5962-8874601	3 12 12	/ /				
7C9101-35		5962-8951702	2 8 3	/ /				
7C9101-45		5962-8951701	2 8 3	/ /				
7C910-46		5962-8770805	2 8 3	/ /				-
7C910-51		5962-8770804	2 8 3	/ /				-
7C9116-40		5962-8861204	2 8 3	/ /				
7912A		5962-8874701	3 12 3	/ /				
7915A		5962-8874801	3 12 3	/ /				
7924A		5962-8874901	2 12 2	/ /				
Z-80ACPU	48001		1 8 7	B 2 04/14/83	B1	107		F
Z-80BCMOS	48501		1 8 3	03/30/89	B1	105		
Z-80BCPU	48003		2 8 7	B 2 04/14/83		107		-
Z-80CPU	48002		1 8 7	B 2 04/14/83	B1	107		F
Z80ACTC	48301		4 8 7	A 06/15/84		107		-
Z80ADMA	48201		4 8 7	A 06/18/84		107		-
Z80APIO	48401		4 8 7	A 06/29/84		107		-
Z80CTC	48302		4 8 7	A 06/15/84		107		-
Z80DMA	48202		4 8 7	A 06/18/84		107		-
Z80PIO	48402		4 8 7	A 06/29/84		107		-
NSC800		8301301	2 8 3	/ /				-
Z8001ACPU	52003	8000303	2 8 7	B 2 06/20/83		107		-
Z8001B		8000304	2 8 7	/ /				-
Z8001CPU	52001	8000301	2 8 7	B 2 06/20/83		107		-
Z8002A CPU	52004	8000306	1 8 7	B 2 06/20/83	B1	107		F
Z8002B		8000305	2 8 7	/ /				-
Z8002CPU	52002	8000302	1 8 7	B 2 06/20/83	B1	107		F
NSC800-4		8301302	2 8 3	/ /				-
80C186-10		5962-8850101	2 8 21	/ /				-
80C186-12		5962-8850102	2 8 21	/ /				-
M80186-6		8501002	2 8 22	/ /				-
M80186-8		8501001	2 8 22	/ /				-
80C196KB		5962-8998201	2 8 21	/ /				-
Z-80SIO/2	48102		4 8 7	A 06/18/84		107		-
Z80ASIO/2	48101		4 8 7	A 06/18/84		107		-
80286-10		5962-8514803	2 8 22	/ /				-
80286-6		5962-8514802	2 8 22	/ /				-
80286-8		5962-8514801	2 8 22	/ /				-
80287-10		5962-8513301	2 8 22	/ /				-
80287-5		5962-8513303	2 8 22	/ /				-
80287-8		5962-8513302	2 8 22	/ /				-
Z8030		5962-8551802	2 8 7	/ /				-
Z8030A		5962-8551801	2 8 7	/ /				-
8035AHL		5962-8856801	2 8 7	/ /				-
8035L	49002		4 8 7	A 09/11/86		107		-
Z8036		8551702	2 8 7	/ /				-
Z8036A		8551701	2 8 7	/ /				-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number. function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
ICL8038		5962-8877201	2 24 12	/ /				
80386-12		5962-8766802	2 8 22	/ /				-
80386-16		5962-8766801	2 8 22	/ /				-
80386-20		5962-8766803	2 8 21	/ /				
80386-25		5962-8766804	2 8 21	/ /				
80387-16		5962-8953401	2 8 3	/ /				
80387-20		5962-8953402	2 8 3	/ /				
80387-25		5962-8953403	2 8 3	/ /				
80C451		5962-8972601M	3 8 3	/ /				
8048	49001		4 8 7	A 09/11/86		107		-
8048AH		5962-8856802	2 8 7	/ /				-
80C513H-16		5962-8506404M	2 8 3	/ /				
8080A	42001	7700201	3 8 7	A 1 10/26/84		107		L
8085A		7901001	3 8 7	/ /				L
8086	53001		1 8 7	4 11/10/80	51	107		F
80C86		8405201	2 8 3	/ /				F
80C86-2		8405202	2 8 3	/ /				
8087		5962-8854702	2 8 7	/ /				
8087-2		5962-8854701	2 8 7	/ /				-
8088		5962-8768501	2 8 7	/ /				-
80C88		5962-8601601	3 8 3	/ /				
80960MC-16		5962-9094601M	2 8 12	/ /				
80960MC-20		5962-9094602M	2 8 12	/ /				
80960MC-25		5962-9094603M	2 8 12	/ /				
8097		8506301	2 8 7	/ /				-
8097BH		5962-8959601	2 8 7	/ /				-
8155		5962-8759301	2 6 7	/ /				-
8156		5962-8759302	2 6 7	/ /				-
82S100	50202		1 7 12	06/16/81	81	14		F
82S101	50201		1 7 12	06/16/81	81	14		F
82S105		5962-8670901	2 7 12	/ /				-
82S105		5962-8670902	2 7 12	/ /				
ICL8211		5962-8984201	2 24 12	/ /				
82S115	20803		1 7 5	C 01/31/84	81	14		F
8212	42101		4 8 5	A 08/09/83		11		-
ICL8212		5962-8984202	2 24 12	/ /				
82S123A	20704		1 7 5	B 1 05/16/86	51	14		F
82S126A	20303		1 7 5	C 11/27/85	81 52	14		F
82S129A		5962-8778801	2 7 5	/ /		14		F
82S129A		5962-8778802	2 7 5	/ /		14		F
82S129A	20304		1 7 5	C 11/27/85	51	14		F
82S130A	20403		1 7 5	D 02/06/86	81 52	14		F
82S131A	20404		1 7 5	D 02/06/86	81 52	14		F
82S137A	20604		1 7 5	B 01/31/84	51	14		F
82S153A		5962-8768201	2 7 12	/ /				-
82S15		8602301	3 6 5	/ /				-
82S185A	20910		1 7 5	D 1 09/30/86	81 52	14		F
82188		5962-8767201	2 8 12	/ /				-
DAC8221A		5962-8967101	2 16 12	/ /				
DAC8222A		5962-8967201	2 16 3	/ /				
82S23A	20703		1 7 5	B 1 05/16/86	81 52	14		F
8224	42201		4 13 5	A 08/09/83		12		-
82S2708	20905		3 7 5	D 1 09/30/86		14		F
8228	42301		4 8 5	A 08/09/83		12		-
82C284-10		5962-8773401	2 8 3	/ /				-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
82C284-6	21101	5962-8773403	2 8 3	/ /	B1	14	-	-
82C284-8		5962-8773402	2 8 3	/ /				-
82288-6		5962-8514901	2 8 7	/ /				-
82288-8		5962-8514902	2 8 7	/ /				-
82HS321A			1 7 5	04/01/87				F
82380	15204	5962-8959301	2 8 3	/ /	B	4	-	-
82384-12		5962-8766902	2 8 12	/ /				-
82384-16		5962-8766901	2 8 12	/ /				-
8250			4 4 1	07/21/86				-
8251			4 4 1	07/21/86				-
8251A	15205	5962-8754801	2 8 12	/ /	B	4	-	F
8251A		5962-8754802	3 8 12	/ /				F
82510		5962-8972501	2 8 3	/ /				-
8252			4 4 1	07/21/86				-
82C52		8501501	2 8 3	/ /				-
8253	15206	5962-8752001	2 8 7	/ /	B	4	-	-
8253		5962-8752002	2 8 7	/ /				-
8253-5		5962-8752003	2 8 7	/ /				-
82C54		8406501	2 8 3	/ /				-
8255A		5962-8757001	2 8 12	/ /				-
82C55A	15206	8406602	2 8 3	/ /	B	4	-	-
8255A-5		5962-8757002	2 8 12	/ /				-
82C55A-5		8406601	2 8 3	/ /				-
8259A		5962-8751801	2 8 16	/ /				F
82C59A		5962-8501602	2 8 3	/ /				-
82C59A-5	15206	5962-8501601	2 8 3	/ /	B	4	-	-
82562		5962-8754301	3 4 12	/ /				-
82720		5962-8608801	2 8 22	/ /				-
8274		5962-8771301	2 8 22	/ /				-
8282		8417901	3 3 1	/ /				-
8282	15206	8417903	2 3 1	/ /	B	4	-	-
82C82		8406701	2 13 3	/ /				-
HI8282		5962-8688002	2 24 3	/ /				-
8283		8417902	3 3 1	/ /				-
8283		8417904	2 3 1	/ /				-
82C83	15206	8406702	2 13 3	/ /	B	4	-	-
82C84A		8406801	2 13 3	/ /				-
8286		5962-8686801	2 13 12	/ /				F
82C86H-5		5962-8757701	2 13 3	/ /				-
8287		5962-8686802	2 13 12	/ /				-
82C87H-5	15206	5962-8757702	2 13 3	/ /	B	4	-	-
82C88		8406901	2 8 3	/ /				-
82C89		5962-8552801	2 8 3	/ /				-
PA83M/883		5962-9162101H	2 9 16	/ /				-
3X305		8550201	2 8 12	/ /				-
3X305-10	15206	8550202	2 8 12	/ /	B	4	-	-
3X320		5962-8550301	2 8 12	/ /				-
83C451		5962-8972602M	2 8 3	/ /				-
8X350		5962-8605201	2 6 12	/ /				-
8X371		5962-8757601	2 8 12	/ /				-
8X376	15206	5962-8685101	2 8 12	/ /	B	4	-	-
8397		8552001	2 8 7	/ /				-
PA84M		5962-9073601H	2 9 16	/ /				-
DAC-8408A		5962-8967801	2 16 3	/ /				-
DAC-8408B		5962-8967802	2 16 3	/ /				-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
Z8420		8418602	2 8 7	/ /				-
Z8420A		8418601	2 8 7	/ /				-
Z84C2006		5962-8951401	2 8 3	/ /				-
Z8430		8301602	2 8 7	/ /		107		-
Z8430A		8301601	2 8 7	/ /		107		-
Z84C3006		5962-8951501	2 8 3	/ /				-
Z8442		8301502	2 8 7	/ /				-
Z8442A		8301501	2 8 7	/ /				-
Z84C4206		5962-8951601	2 8 3	/ /				-
Z85C3006SCC	48601	5962-8868501	1 8 3	08/16/89	81	105		-
85C3008SCC	48602	5962-8868902	1 8 3	08/16/89	81	105		-
AM85C30-10		5962-8868903	2 8 3	/ /				-
AM85C30-12		5962-8868904	2 8 3	/ /				-
AM85C30-16		5962-8868905	2 8 3	/ /				-
AM85C30-8		5962-8868906	2 8 3	/ /				-
Z8536		8300101	2 8 7	/ /				-
Z8536A		8300102	2 8 7	/ /				-
BUS-8553		5962-8604905	3 13 16	/ /				-
DAC87		8300201	1 16 16	/ /		92		-
DAC87		8300301	2 17 12	/ /		92		-
DAC87	13701		2 16 16	A 09/17/86		92		-
DAC87	13702		2 17 12	A 09/17/86		92		-
DAC87	13703		2 16 16	A 09/17/86		92		-
SP8718		5962-8861701	2 5 13	/ /				-
8751H		8419002	2 8 7	/ /				-
87C51		5962-8768401M	2 8 22	/ /				-
87C51-16		5962-8768402M	2 8 22	/ /				-
87C51FB-16		5962-9056402	2 8 21	/ /				-
8751H-8		8419001	2 8 7	/ /				-
87C541		5962-9056401	2 8 21	/ /				-
SP8755		5962-8868401	2 5 13	/ /				-
87975H		5962-8680901	2 8 7	/ /				-
88C681		5962-8953201	2 13 3	/ /				-
88C681		5962-8953202	2 13 3	/ /				-
HSDC-8915		5962-9055402	2 24 16	/ /				-
HSDC-8915A		5962-9055401	2 24 16	/ /				-
HSDC-8920		5962-8768702	2 22 16	/ /				-
HSDC-8920A		5962-8768701	2 22 16	/ /				-
AD9012S		5962-8965401	2 17 12	/ /				-
AD9012T		5962-8965402	2 17 25	/ /				-
ADC-908A		5962-8961601	2 17 3	/ /				-
ADC-908B		5962-8961602	2 17 3	/ /				-
9093	03304		4 3 14	A 08/09/83		24		-
AM9130AFC	23702		4 6 7	B 05/25/84		46		-
AM9130AFM	23704		4 6 7	B 05/25/84		46		-
AM9130CFC	23701		4 6 7	B 05/25/84		46		-
AM9130CFM	23703		4 6 7	B 05/25/84		46		-
AM91L30AF	23706		4 6 7	B 05/25/84		46		-
AM91L30AFM	23708		4 6 7	B 05/25/84		46		-
AM91L30CF	23705		4 6 7	B 05/25/84		46		-
AM91L30CFM	23707		4 6 7	B 05/25/84		46		-
AM9140AFC	23710		4 6 7	B 05/25/84		46		-
AM9140AFM	23712		4 6 7	B 05/25/84		46		-
AM9140CFC	23709		4 6 7	B 05/25/84		46		-
AM9140CFM	23711		4 6 7	B 05/25/84		46		-

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TABLE VI. Cross Reference - Continued.

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AM91L40AFC	23714		4 6 7	B 05/25/84		46		-
AM91L40AFM	23716		4 6 7	B 05/25/84		46		-
AM91L40CFC	23713		4 6 7	B 05/25/84		46		-
AM91L40CFM	23715		4 6 7	B 05/25/84		46		-
9150-25		5962-8759201	2 6 18	/ /				-
9150-35		5962-8759202	2 6 18	/ /				-
9150-45		5962-8759203	2 6 18	/ /				-
930	03001		3 1 14	A 1 12/27/74	B1	22		L
9300	15901		4 5 1	B 07/21/86		5		-
93L00	02804		3 5 10	2 08/02/74		19		L
93L01	02907		4 4 10	C 04/16/84		18		-
9304	00603		3 4 1	C 2 06/24/76		4		L
9308	01503		3 3 1	A 1 07/27/79		5		L
93L08	04502		4 3 10	B 04/05/84		19		-
9309	01404		3 4 1	D 2 08/02/82	B1	4		L
93L09	04601		4 4 10	B 03/21/84		18		-
93L10	02504		4 5 10	D 08/08/86		19		-
9312	01402		3 4 1	D 2 08/02/82		4		L
93L12	04602		4 4 10	B 03/21/84		18		-
9314	01504		3 3 1	A 1 07/27/79		5		L
93L14	04501		4 3 10	B 04/05/84		19		-
93L16	02505		4 5 10	D 08/08/86		19		-
93S16		5962-8672701	3 5 12	/ /				-
9317	15802		4 4 1	A 04/23/84		4		-
9318	15603		4 4 1	B 07/21/86		4		-
93L18	04301		4 4 10	B 02/28/84		18		-
932	03101		4 2 14	A 08/09/83		23		-
9321	15801		4 4 1	A 04/23/84		4		-
93L22	04603		4 4 10	B 03/21/84		18		-
9324	15002		3 4 1	C 11/07/85		4		L
93L24	04401		4 4 10	B 02/28/84		18		-
HS9324		5962-8862901	2 16 16	/ /				-
9328	15902		4 5 1	B 07/21/86		5		-
93L28	02803		3 5 10	2 08/02/74		19		L
933	03105		4 2 14	A 08/09/83		23		-
9334	16001		4 3 1	A 08/09/83		5		-
9338	15701		4 5 1	A 08/09/83		5		-
93410	23001		4 6 1	A 09/04/84		6		-
93411	23003		4 6 1	A 09/04/84		6		-
93412	23109		3 6 7	B 3 04/02/82		13		-
93L412	23111		3 6 7	B 3 04/02/82		13		-
93415	23101		3 6 5	B 3 04/02/82		13		-
93415	23105		3 6 5	B 3 04/02/82		13		-
93415	23107		3 6 5	B 3 04/02/82		13		-
93L415	23103		3 6 5	B 3 04/02/82	B1	13		F
93417	20301		1 7 5	C 11/27/85	B1 S2	14		L
93419	23201		3 6 5	09/30/80		13		-
93L420	23004		4 6 1	A 09/04/84		6		-
93421	23002		4 6 1	A 09/04/84		6		-
93422	23110		3 6 7	B 3 04/02/82	B1	13		F
93422A	23114		3 6 7	B 3 04/02/82	B1	13		F
93L422	23112		3 6 7	B 3 04/02/82	B1	13		F
93L422A	23115		3 6 7	B 3 04/02/82	B1	13		F
93425	23102		3 6 5	B 3 04/02/82	B1	13		F
93425	23106		3 6 7	B 3 04/02/82	B1	13		F

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Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL		Micro- circuit group	Rad- ation level	NATO
					status				
					3/ 4/	5/	6/		
93425A	23108		3 6 7	B 3 04/02/82	81	13			F
93L425	23104		3 6 5	B 3 04/02/82	81	13			F
93L425A	23113		3 6 7	B 3 04/02/82	81	13			F
93427	20302		1 7 5	C 11/27/85	S1	14			L
93Z451	20909		1 7 5	D 1 09/30/86	S1	14			-
93Z460	20906		3 7 5	D 1 09/30/86		14			-
93470	23301		4 6 5	A 10/20/87		13			L
93471	23302		4 6 5	A 10/20/87		13			L
93S48		5962-8672601	2 4 12	/ /					-
MIC935	03002		3 1 14	A 1 12/27/74		22			L
93Z510	21003		3 7 5	D 05/16/86		14			-
93Z511	21002		1 7 5	D 05/16/86	S1	14			F
936	03003		3 1 14	A 1 12/27/74	81	22			L
93Z665-45	21204		1 7 5	11/12/87	81	14			-
93Z665-50	21203		1 7 5	11/12/87	81	14			-
93Z665-55	21202		1 7 5	11/12/87	81	14			-
93Z665-70	21201		1 7 5	11/12/87	81	14			-
HS9403-16		5962-8851402	2 22 16	/ /					-
HS9403-8		5962-8851401	2 22 16	/ /					-
944	03102		4 2 14	A 08/09/83		23			-
945	03301		4 3 14	A 08/09/83		24			-
F9450-15		8416901	2 8 12	/ /					-
F9450-F15		8416904	2 8 12	/ /					-
F9450-F18		8416902	2 8 12	/ /					-
F9450-F20		8416903	2 8 12	/ /					-
946	03004		3 1 14	A 1 12/27/74	81	22			L
948	03302		4 3 14	A 08/09/83		24			-
950	03303		4 3 14	A 08/09/83		24			-
951	03201		4 3 14	A 08/09/83		24			-
9513A		5962-8552301	2 8 7	/ /					-
9517A		5962-8757501	2 8 7	/ /					-
9517A-4		5962-8757502	2 8 7	/ /					-
9519A		5962-8759701	2 8 7	/ /					-
957	03103		4 2 14	A 08/09/83		23			-
HS9576S		5962-9079501M	1 17 16	/ /					-
HS9576T		5962-9079502M	1 17 16	/ /					-
958	03104		4 2 14	A 08/09/83		23			-
9601	01204		3 3 1	G 08/20/85	81	3			L
9602	01205		3 3 1	G 08/20/85	81	3			L
9614	10403		1 13 12	8 1 05/29/87	81	53			F
9615	10404		1 13 12	8 1 05/29/87	81	53			F
96F172		5962-9076501M	2 13 18	/ /					-
96F173		5962-9076602M	2 13 12	/ /					-
96F174		5962-9076502M	2 13 18	/ /					-
96F175		5962-9076601M	2 13 12	/ /					-
962	03005		3 1 14	A 1 12/27/74	81	22			L
9622		5962-8752201	3 13 12	/ /					-
9636A		5962-8752301	2 13 26	/ /					-
9637A		5962-8752401	2 13 12	/ /					-
9638		5962-8754601	2 13 12	/ /					-
96685		8600804	2 10 12	/ /					-
AD96687		7801903	2 10 12	/ /					-
QP-97		5962-8954401	2 9 12	/ /					-
HS9716		5962-8956601M	1 20 16	/ /					-
9900A	46001		4 8 6	A 06/29/84		108			-

See footnotes at end of standard.

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part. no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status 3/ 4/	Micro- circuit group 5/	Rad- ation level 6/	NATO
9914A SBP9989	46501	5962-8751901	3 8 7 3 8 6	/ / A 08/08/86		108		- -

See footnotes at end of standard.

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Table VI. Cross reference - Continued.

- 1/ B before the number stands for bit count
 G before the number stands for gate count
 T before the number stands for transistor count
 N before the number stands for unknown count
- 2/ First column is table number:
 1. Table I - Preferred devices
 2. Table II - Potential standardization candidates and complaint Standardized Military Drawings.
 3. Table III - Logistics or continuous replacement only.
 4. Table IV - Inactive or suspended military activity.
 5. Table V - Not recommended under any circumstances.
 (For generic types that have a part number in both column 2 and column 3, the table number is for the M38510 part.)

Second column is function code:

- 1 Gates
- 2 Buffers
- 3 Flip-Flops
- 4 Combinational gates
- 5 Sequential registers/Counters
- 6 Ram
- 7 Rom/Prom/Pal
- 8 Microprocessors and interface peripherals/FIFO
- 9 Operational amplifiers
- 10 Comparators
- 11 Sense amplifiers
- 12 Regulators
- 13 Drivers/Receivers
- 14 Timers
- 15 Core drivers
- 16 D/A converters
- 17 A/D converters
- 18 Analog switches/multiplexers
- 19 Voltage references
- 20 Sample and hold
- 21 Multichip
- 22 Hybrid
- 23 Other digital devices
- 24 Analog circuit functions
- 25 Semicustom devices
- * Indicates a QPL source
- ** Indicates a dated specification

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Third column is technology code:

1. Transistor Transistor Logic
2. Low Power Schottky
3. Complimentary MOS
4. "A" Series CMOS
5. Schottky TTL
6. Integrated Current Logic
7. N-Channel CMOS
8. "B" Series CMOS
9. High Speed TTL
10. Low Power TTL
11. P-Channel MOS
12. Bipolar
13. Emitter Coupled Logic
14. Diode Transistor Logic
15. Bi-FET
16. Hybrid
17. Magnetic
18. Advanced Schottky
19. Advanced LSTTL
20. Multi-Chip
21. High Speed CMOS
22. High Performance NMOS
23. BDFET
24. Advanced CMOS
25. Fast CMOS TTL Compatible
26. Bipolar CMOS

3/ B1 indicates a Class B, Part 1, QPL source;
S1 indicates a Class S, Part 1, QPL source.

4/ B2 indicates a Class B, Part 2, QPL source;
S2 indicates a Class S, Part 2, QPL source.

5/ Microcircuit group is as defined by MIL-M-38510.

6/ Radiation levels are as defined by MIL-M-38501

Concluding material

Custodians:

Army - ER
Navy - EC
Air Force - 17

Review activities:

Army - AT, MI, SM,
Navy - OS, SH, TD
Air Force - 11, 19, 85, 99
DLA -ES

User activities:

Army - AR
Navy - AS, CG, MC

Preparing activity:
Air Force - 17

Agent:
DLA - ES

(Project 5962-1235)

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1. DOCUMENT NUMBER

2. DOCUMENT DATE (YYMMDD)

3. DOCUMENT TITLE

4. NATURE OF CHANGE (Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)

5. REASON FOR RECOMMENDATION

6. SUBMITTER

a. NAME (Last, First, Middle Initial)

b. ORGANIZATION

c. ADDRESS (Include Zip Code)

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7. DATE SUBMITTED (YYMMDD)

(1) Commercial

(2) AUTOVON (if applicable)

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