

**NOT MEASUREMENT
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MIL-STD-1562V

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SUPERSEDING

MIL-STD- 1562U

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MILITARY STANDARD

LISTS OF STANDARD MICROCIRCUITS



AMSC/NA

FSC 5962

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MIL-STD-1562V

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 Air Development Center, AFSC, ATTN: RBE-2, 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 nonavailability impending obsolescence or specific 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 Specifi-
cation 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-N-38510, MIL-H-38534, MIL-I-38535 and MIL-STD-1331.

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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 - Standardization candidates and compliant standardized military drawings. 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 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 Part 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.

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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.

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 <u>1/</u> |
|--------------------------------|--|--|--|
| Gates 1 | | | |
| 10501 | 06001 | OR/NOR GATE, QUAD 2-INPUT | G4 |
| 10504 | 06201 | AND/NAND GATE, QUAD 2-INPUT | G4 |
| 54HC00 | 65001 | NAND GATE, QUAD 2-INPUT | G4 |
| 54ALS00 | 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 |
| 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 |
| 54ALS04 | 37006 | HEX INVERTER | G6 |
| 54F04 | 33002 | HEX INVERTER | G6 |
| 54LS04 | 30003 | 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 |
| 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 |
| 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 |
| 54ALS20 | 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 |

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 | | | |
| 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 |
| 54ALS30 | 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 |
| 54ALS1000 | 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 |
| 54ALS240 | 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 |
| 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 |

See footnotes at end of standard.

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TABLE 1. Preferred devices - Continued.

| Generic/ industry number | Standard Part Identification Number | Circuit description | Gate, bit, transistor count 1/ |
|--------------------------------|--|--|---|
| Buffers 2 - Continued | | | |
| 54HC244 | 65705 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 54HCT244 | 65755 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 54ALS244 | 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 |
| 54LS541 | 32405 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G9 |
| Flip-Flops 3 | | | |
| 10531 | 06101 | FLIP-FLOP, D-TYPE, DUAL | G24 |
| 25LS175 | 33107 | FLIP-FLOP, D-TYPE, QUAD | G24 |
| 54F074 | 34101 | FLIP-FLOP, D-TYPE, DUAL | G12 |
| 54LS107 | 30108 | FLIP-FLOP, JK, DUAL | G16 |
| 54HC109 | 65304 | FLIP-FLOP, JK, DUAL | G52 |
| 54ALS109 | 37102 | FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE HIGH) | G16 |

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 | | | |
| 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 |
| 54ALS112 | 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 |
| 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 |
| 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 |
| 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 |

See footnotes at end of standard.

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TABLE 1. Preferred devices - Continued.

| Generic/ industry number | Standard Part Identification Number | Circuit description | Gate, bit, transistor count 1/ |
|--------------------------------|--|--|---|
| Flip-Flops 3 - Continued | | | |
| 54HC574 | 65604 | FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54ALS574 | 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 |
| 54ALS74 | 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 |
| 54LS75 | 31601 | LATCH, 4-BIT, BISTABLE | G20 |
| 54LS76 | 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/DEMULPLEXER, 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/DEMULPLEXER, 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 |
| 54F153 | 33902 | DATA SEL/MULTIPLEXER, DUAL 4-INPUT | G16 |
| 54LS153 | 30902 | 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 |
| 54F158A | 33904 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT | G15 |
| 54LS158 | 30904 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE | G15 |
| 54HC158 | 66204 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH INVERTED OUTPUTS | G15 |
| 54HC158B | 66204 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH INVERTED OUTPUTS | G15 |
| 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 |
| 54LS257 | 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 |
| 54LS258 | 30907 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS, WITH ENABLE | G15 |

See footnotes at end of standard.

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TABLE 1. Preferred devices - Continued.

| Generic/ industry number | Standard Part Identification Number | Circuit description | Gate, bit, transistor count 1/ |
|-----------------------------------|--|---|---|
| Combinational gates 4 - Continued | | | |
| 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 |
| 54LS83 | 31201 | ADDER, 4-BIT FULL WITH FAST CARRY | G42 |
| 54LS85 | 31101 | MAGNITUDE COMPARATOR, 4-BIT | G31 |
| 54ALS857 | 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 |
| 54LS160 | 31503 | DECADE COUNTER, 4-BIT SYNCHRONOUS | G60 |
| 54ALS161 | 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 |
| 54ALS163 | 38002 | BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR | G55 |
| 54F163A | 34302 | BINARY COUNTER, 4-BIT SYNCHRONOUS | G74 |
| 54LS163 | 31512 | BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR | G58 |
| 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 |
| 54LS165 | 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 |
| 54ALS169 | 38003 | BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN | G67 |
| 54LS169 | 31506 | BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN | G68 |
| 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 |

See footnotes at end of standard.

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TABLE 1. Preferred devices - Continued.

| Generic/ industry number | Standard Part Identification Number | Circuit description | Gate, bit, transistor count 1/ |
|---|--|--|---|
| Sequential registers/counters 5 - Continued | | | |
| 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 |
| 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 |
| 2117 | 24004 | DYNAMIC RAM, 16K X 1, 200 NS ACCESS TIME | B16384 |
| 2117 | 24005 | DYNAMIC RAM, 16K X 1, 250 NS ACCESS TIME | B16384 |
| 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 |
| 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 |
| 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 |
| 4C1024-80 | 24901 | DYNAMIC RAM, 1024K X 1 | B1048576 |
| 411024-100 | 24902 | DYNAMIC RAM, 1024K X 1 | B1048576 |
| 411024-120 | 24903 | DYNAMIC RAM, 1024K X 1 | B1048576 |
| 411024-150 | 24904 | DYNAMIC RAM, 1024K X 1 | B1048576 |
| 411024-80 | 24901 | DYNAMIC RAM, 1024K X 1 | B1048576 |
| 4116 | 24004 | DYNAMIC RAM, 16K X 1, 200 NS ACCESS TIME | B16384 |
| 4116 | 24005 | DYNAMIC RAM, 16K X 1, 250 NS ACCESS TIME | B16384 |
| M41256P-12 | 24601 | DYNAMIC RAM, 256K X 1 | B262144 |
| M41256N-12 | 24603 | DYNAMIC RAM, 256K X 1 | B262144 |
| M41256P-15 | 24602 | DYNAMIC RAM, 256K X 1 | B262144 |
| M41256N-15 | 24604 | DYNAMIC RAM, 256K X 1 | B262144 |
| 45H16 | 24004 | DYNAMIC RAM, 16K X 1, 200 NS ACCESS TIME | B16384 |
| 45H16 | 24005 | DYNAMIC RAM, 16K X 1, 250 NS ACCESS TIME | B16384 |

See footnotes at end of standard.

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TABLE 1. Preferred devices - Continued.

| Generic/ industry number | Standard Part Identification Number | Circuit description | Gate, bit, transistor count 1/ |
|--------------------------------|--|---|---|
| RAM 6 - Continued | | | |
| 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 |
| MT5C2561 | 29301 | STATIC RAM, 256K X 1, 45 NS ACCESS TIME | B262144 |
| MT5C2561 | 29302 | STATIC RAM, 256K X 1, 35 NS ACCESS TIME | B262144 |
| MT5C2561 | 29310 | STATIC RAM, 256K X 1, 25 NS ACCESS TIME | B262144 |
| MT5C2568 | 29307 | STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME | B262144 |
| MT5C2568 | 29308 | STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 45 NS ACCESS TIME | B262144 |
| MT5C2568 | 29309 | STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME | B262144 |
| MT5C2568 | 29313 | STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 25 NS ACCESS TIME | B262144 |
| 6116 | 29104 | STATIC RAM, 2K X 8, 90 NS ACCESS TIME | B16384 |
| 6504 | 24501 | STATIC RAM, 4K X 1 | B4096 |
| 6504RH | R24503 | STATIC RAM, 4K X 1 | B4096 |
| 6514 | 24502 | STATIC RAM, 1K X 4 | N |
| 6516 | 29102 | STATIC RAM, 2K X 8, 200 NS ACCESS TIME | B16384 |
| 65162 | 29110 | STATIC RAM, 2K X 8, 70 NS ACCESS TIME | B16384 |
| 65262 | 29103 | STATIC RAM, 16K X 1, 85 NS ACCESS TIME | B16384 |
| 65262 | 29109 | STATIC RAM, 16K X 1, WITH THREE-STATE OUTPUTS | B16384 |
| 65642 | 29205 | STATIC RAM, 8K X 8, SELECTABLE MODE | 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 |
| 7C147 | 28901 | STATIC RAM, 4K X 1, 35 NS ACCESS TIME | B4096 |
| 7C148 | 28902 | STATIC RAM, 1K X 4 | B4096 |
| 7C197 | 29301 | STATIC RAM, 256K X 1, 45 NS ACCESS TIME | B262144 |
| 7C197 | 29302 | STATIC RAM, 256K X 1, 35 NS ACCESS TIME | B262144 |
| 7C197 | 29310 | STATIC RAM, 256K X 1, 25 NS ACCESS TIME | B262144 |
| 7C198 | 29307 | STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME | B262144 |
| 7C198 | 29308 | STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 45 NS ACCESS TIME | B262144 |
| 7C198 | 29309 | STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME | B262144 |
| 7C198 | 29313 | STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 25 NS ACCESS TIME | B262144 |
| 7V198 | 29309 | STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME | B262144 |
| 7C199 | 29307 | STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 55 NS ACCESS TIME | B262144 |
| 7C199 | 29308 | STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 45 NS ACCESS TIME | B262144 |
| 7C199 | 29309 | STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 35 NS ACCESS TIME | B262144 |
| 7C199 | 29313 | STATIC RAM, 32K X 8, WITH OUTPUT ENABLE, 25 NS ACCESS TIME | B262144 |
| 82S11 | 23108 | STATIC RAM, 1K X 1, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME | B1024 |
| 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 |
| 9147-45 | 23807 | STATIC RAM, 4K X 1 | B4096 |

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 <u>1/</u> |
|--------------------------------|--|---|--|
| RAM 6 - Continued | | | |
| 9147-55 | 23805 | STATIC RAM, 4K X 1 | B4096 |
| 9147-70 | 23803 | STATIC RAM, 4K X 1 | B4096 |
| 9147-85 | 23801 | STATIC RAM, 4K X 1, WITH THREE-STATE OUTPUTS | B4096 |
| 9148-70 | 23806 | STATIC RAM, 1K X 4 | B4096 |
| ROM/PROM/PAL 7 | | | |
| 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 |
| 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 |
| 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 |
| 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 |
| 27S181 | 20904 | PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME | B8192 |
| 27S191 | 21002 | PROM, 2K X 8, WITH THREE-STATE OUTPUTS | B16384 |
| 27256-200 | 22402 | PROM, UV ERASABLE, 32K X 8, 200 NS ACCESS TIME | B262144 |
| 27256-250 | 22401 | PROM, UV ERASABLE, 32K X 8, 250 NS ACCESS TIME | B262144 |
| X2816A-30 | 22703 | PROM, ELECTR. ERASABLE, 2K X 8 | B16384 |
| X2816A-35 | 22702 | PROM, ELECTR. ERASABLE, 2K X 8 | B16384 |
| X2816A-45 | 22701 | PROM, ELECTR. ERASABLE, 2K X 8 | B16384 |
| 28S166A | 21004 | PROM, 2K X 8, WITH THREE-STATE OUTPUTS | B16384 |
| 28S166A | 21002 | PROM, 2K X 8, WITH THREE-STATE OUTPUTS | B16384 |
| 28C256-200 | 26104 | PROM, ELECTR. ERASABLE, 32K X 8, 200 NS ACCESS TIME | B262144 |
| 28C256-250 | 26103 | PROM, ELECTR. ERASABLE, 32K X 8, 250 NS ACCESS TIME | B262144 |
| 28C256-300 | 26102 | PROM, ELECTR. ERASABLE, 32K X 8, 300 NS ACCESS TIME | B262144 |
| 28C256-350 | 26101 | PROM, ELECTR. ERASABLE, 32K X 8, 350 NS ACCESS TIME | B262144 |
| 28C64-200 | 26004 | PROM, ELECTR. ERASABLE, 8K X 8, 200 NS ACCESS TIME | B65536 |
| 2864-250 | 22808 | PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME | B65536 |
| 2864H-250 | 22809 | PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME | B65536 |
| 28C64-250 | 26003 | PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME | B65536 |
| 28C64-300 | 26002 | PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME | B65536 |
| 2864-350 | 22807 | PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME | B65536 |
| 28C64-350 | 26001 | PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME | B65536 |
| 28C65-250 | 26006 | PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME | B65536 |

See footnotes at end of standard.

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TABLE 1. 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 | B65536 |
| 29611 | 20402 | PROM, 512 X 4, WITH THREE-STATE OUTPUTS | B2048 |
| 29631 | 20904 | PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME | B8192 |
| 29651 | 20908 | PROM, 2K X 4, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME | B8192 |
| 29651 | 20902 | PROM, 2K X 4, WITH THREE-STATE OUTPUTS, 125 NS ACCESS TIME | B8192 |
| 29671 | 21102 | PROM, 4K X 8, WITH THREE-STATE OUTPUTS, 95 NS ACCESS TIME | B32768 |
| 29681 | 21002 | PROM, 2K X 8, WITH THREE-STATE OUTPUTS | B16384 |
| 3636 | 21002 | PROM, 2K X 8, WITH THREE-STATE OUTPUTS | B16384 |
| 5300-1 | 20301 | PROM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS | B1024 |
| 5301-1 | 20302 | PROM, 256 X 4, WITH THREE-STATE OUTPUTS | B1024 |
| 5305-1 | 20401 | PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS | B2048 |
| 5306-1 | 20402 | PROM, 512 X 4, WITH THREE-STATE OUTPUTS | B2048 |
| 53S1681 | 21002 | PROM, 2K X 8, WITH THREE-STATE OUTPUTS | B16384 |
| 5330 | 20701 | PROM, 32 X 8, WITH OPEN-COLLECTOR OUTPUTS | B256 |
| 5331 | 20702 | PROM, 32 X 8, WITH THREE-STATE OUTPUTS | B256 |
| 53S3281 | 21102 | PROM, 4K X 8, WITH THREE-STATE OUTPUTS, 95 NS ACCESS TIME | B32768 |
| 5341-1 | 20802 | PROM, 512 X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME | B4096 |
| 53S441 | 20602 | PROM, 1K X 4, WITH THREE-STATE OUTPUTS | B4096 |
| 53S841 | 20902 | PROM, 2K X 4, WITH THREE-STATE OUTPUTS, 125 NS ACCESS TIME | B8192 |
| 54S287 | 20302 | PROM, 256 X 4, WITH THREE-STATE OUTPUTS | B1024 |
| DM54S288 | 20702 | PROM, 32 X 8, WITH THREE-STATE OUTPUTS | B256 |
| 54S474 | 20802 | PROM, 512 X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME | B4096 |
| 54S570 | 20401 | PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS | B2048 |
| 54S571 | 20402 | PROM, 512 X 4, WITH THREE-STATE OUTPUTS | B2048 |
| 54S573 | 20602 | PROM, 1K X 4, WITH THREE-STATE OUTPUTS | B4096 |
| 7602 | 20701 | PROM, 32 X 8, WITH OPEN-COLLECTOR OUTPUTS | B256 |
| 7603 | 20702 | PROM, 32 X 8, WITH THREE-STATE OUTPUTS | B256 |
| 7610 | 20301 | PROM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS | B1024 |
| 7611 | 20302 | PROM, 256 X 4, WITH THREE-STATE OUTPUTS | B1024 |
| 76161 | 21002 | PROM, 2K X 8, WITH THREE-STATE OUTPUTS | B16384 |
| 76165 | 21005 | PROM, 4K X 4, WITH THREE-STATE OUTPUTS | B16384 |
| 7620 | 20401 | PROM, 512 X 4, WITH OPEN-COLLECTOR OUTPUTS | B2048 |
| 7621 | 20402 | PROM, 512 X 4, WITH THREE-STATE OUTPUTS | B2048 |
| 76321 | 21102 | PROM, 4K X 8, WITH THREE-STATE OUTPUTS, 95 NS ACCESS TIME | B32768 |
| 7641 | 20802 | PROM, 512 X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME | B4096 |
| 7643 | 20602 | PROM, 1K X 4, WITH THREE-STATE OUTPUTS | B4096 |
| 7681 | 20904 | PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME | B8192 |
| 7685 | 20902 | PROM, 2K X 4, WITH THREE-STATE OUTPUTS, 125 NS ACCESS TIME | B8192 |
| 77S181 | 20904 | PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME | B8192 |
| 77S185 | 20902 | PROM, 2K X 4, WITH THREE-STATE OUTPUTS, 125 NS ACCESS TIME | B8192 |
| 77S191 | 21002 | PROM, 2K X 8, WITH THREE-STATE OUTPUTS | B16384 |

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 | | | |
| 82S101 | 50201 | PROG. ARRAY LOGIC, 16X48X8 | G104 |
| 82S115 | 20803 | PROM, 512 X 8, WITH THREE-STATE OUTPUTS | B4096 |
| 82S123A | 20704 | PROM, 32 X 8, WITH THREE-STATE OUTPUTS | B256 |
| 82S126A | 20303 | PROM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS | B1024 |
| 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 | 20904 | PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME | B8192 |
| 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 |
| 93Z451 | 20904 | PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME | B8192 |
| 93453 | 20602 | PROM, 1K X 4, WITH THREE-STATE OUTPUTS | B4096 |
| 93458 | 50201 | 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 |

See footnotes at end of standard.

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TABLE 1. Preferred devices - Continued.

| Generic/ industry number | Standard Part Identification Number | Circuit description | Gate, bit, transistor count 1/ |
|--|--|--|---|
| ROM/PROM/PAL 7 - Continued | | | |
| 93Z667-70 | 21201 | PROM, 8K X 8, WITH THREE-STATE OUTPUTS | B65536 |
| Microprocessors and interface peripherals/FIFO 8 | | | |
| (SEE DWG) | 5962-8869201 | MULTIPLEXED TERMINAL, MIL-STD-1553, BC/RTU/MT | N |
| (SEE DWG) | 5962-8869202 | MULTIPLEXED TERMINAL, MIL-STD-1553, BC/RTU/MT | N |
| MXB4501-80 | 25002 | FIFO MEMORY, 512 X 9 | B4608 |
| MXB4501-81 | 25001 | FIFO MEMORY, 512 X 9 | B4608 |
| MXB4501-88 | 25003 | FIFO MEMORY, 512 X 9 PARALLEL, 80 NS ACCESS TIME | N |
| 532S | 13903 | ANALOG MULTIPLIER, 4-QUADRANT | T28 |
| 534T | 13901 | ANALOG MULTIPLIER, 4-QUADRANT | T49 |
| 534S | 13902 | ANALOG MULTIPLIER, 4-QUADRANT | T49 |
| BUS-6630011 | 5962-8858601 | INTERFACE UNIT, BUS TO MICROPROCESSOR, MIL-STD-1553 | 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-80BCHOS | 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 |
| 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 |
| 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 |

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 | | | |
| 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 |
| 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 |
| LM119A | 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 |
| 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 |
| 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 |

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 | | | |
| 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 |
| 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 |
| Drivers/Receivers 13 | | | |
| 0006 | 5962-8761701 | DRIVER, HIGH VOLTAGE, 1.5A | N |
| 0008 | 5962-8761702 | DRIVER, HIGH VOLTAGE, HIGH CURRENT, 3.0A | 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 |
| 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 |
| 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 |
| 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 |

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 | | | |
| 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 | N |
| 55461 | 12907 | PERIPHERAL DRIVER, DUAL AND | G10 |
| 55462 | 12908 | PERIPHERAL DRIVER, DUAL NAND | G14 |
| 55463 | 12909 | PERIPHERAL DRIVER, DUAL OR | G14 |
| BUS-6310511 | 5962-8604902 | DRIVER-RECEIVER, SINGLE CHANNEL, (INTERFACES WITH MANCHESTER ENCODER-DECODER) | N |
| BUS-6310611 | 5962-8604902 | DRIVER-RECEIVER, SINGLE CHANNEL, (INTERFACES WITH MANCHESTER ENCODER-DECODER) | N |
| BUS-6312511 | 5962-8757902 | BUS TRANSCEIVER, DUAL CHANNEL, LOW-POWER | N |
| BUS-63147 | 5962-8952201 | BUS TRANSCEIVER, DUAL CHANNEL, MIL-STD-1553, 5V | N |
| BUS-65111 | 5962-8763201 | REMOTE TERMINAL UNIT, LOW POWER, DUAL, REDUNDANT | N |
| BUS-65600 | 5962-8858501 | BUS CONTROLLER, DUAL REDUNDANT, RTU | N |
| 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 | | | |
| 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 |
| DAC-08 | 11301 | D/A CONVERTER, 8-BIT | G84 |
| DAC-08A | 11302 | D/A CONVERTER, 8-BIT | G84 |
| 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 |
| MN3020 | 5962-8971801 | D/A CONVERTER, 8-BIT, WITH INPUT REGISTER | N |
| AD390S | 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 | | | |
| 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 |
| MN5202 | 5962-8958305 | A/D CONVERTER, 12-BIT, -10V TO +10V INTERNAL REFERENCE | N |

See footnotes at end of standard.

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TABLE 1. Preferred devices - Continued.

| Generic/ industry number | Standard Part Identification Number | Circuit description | Gate, bit, transistor count 1/ |
|---------------------------------|--|--|---|
| D/A converters 16 - Continued | | | |
| 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 |
| 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 |
| 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 |

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 | | | |
| 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 |
| 584S | 12801 | VOLT. REFERENCE, PROGRAMMABLE | T16 |
| 584T | 12802 | VOLT. REFERENCE, PROGRAMMABLE | T16 |
| Hybrid 22 | | | |
| HCPL-1931 | 5962-8957201 | OPTOCOUPLER, DUAL CHANNEL LINE RECEIVER | N |
| HCPL-5401 | 5962-8957001 | OPTOCOUPLER, SINGLE-CHANNEL, HIGH-SPEED | N |
| HCPL-5761 | 5962-8947701 | OPTOCOUPLER, AC/DC TO LOGIC INTERFACE | N |
| 6N134 | 8102801 | OPTOCOUPLER, DUAL | N |
| 6N140A | 8302401 | OPTOCOUPLER, 4-CHANNEL | N |
| HCPL-6431 | 5962-8957102 | OPTOCOUPLER, DUAL CHANNEL, WITH SEPARATE SUPPLY VOLTAGE AND GROUND CONNECTIONS | N |
| BUS-65112 | 5962-8753501 | REMOTE TERMINAL UNIT, DUAL REDUNDANT | N |
| HSDC-8920A | 5962-8768701 | S/D CONVERTER, 400 HZ | N |
| HSDC-8920 | 5962-8768702 | S/D CONVERTER, 400 HZ | N |
| Other digital devices 23 | | | |
| UT1553BRTI | 55501 | REMOTE TERMINAL INTERFACE, MIL-STD-1553B | N |
| WEDSP-16 | 5962-9070401Q | DIGITAL SIGNAL PROCESSOR, 16-BIT | N |
| Analog circuit functions 24 | | | |
| SDC14560-114 | 5962-8949901 | SYNCHRO-TO-DIGITAL CONVERTER, 11.8V, 400 HZ, 2.0 MINUTES ACCURACY | N |
| SDC14560-115 | 5962-8949902 | SYNCHRO-TO-DIGITAL CONVERTER, 11.8V, 400 HZ, 1.0 MINUTE ACCURACY | N |
| SDC14560-605 | 5962-8949903 | SYNCHRO-TO-DIGITAL CONVERTER, 11.8V, 400 HZ, 2.0 MINUTES ACCURACY | N |
| SDC14561-114 | 5962-8949801 | SYNCHRO-TO-DIGITAL CONVERTER, 90 V, 400 HZ, 2.0 MINUTES ACCURACY | N |
| SDC14561-115 | 5962-8949802 | SYNCHRO-TO-DIGITAL CONVERTER, 90 V, 400 HZ, 1.0 MINUTES ACCURACY | 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 | | | |
| SDC14565-114 | 5962-8990801 | R/D CONVERTER, 11.8 V, 400 HZ, 2.0 MINUTES ACCURACY | N |
| SDC14565-115 | 5962-8990802 | R/D CONVERTER, 11.8 V, 400 HZ, 1.0 MINUTE ACCURACY | N |
| SDC14565-616 | 5962-8990803 | R/D CONVERTER, 11.8 V, 400 HZ, 2.0 MINUTES ACCURACY | N |
| SDC14566-115 | 5962-8990804 | R/D TO DIGITAL CONVERTER, 11.8 V, 400 HZ, 1.0 MINUTE ACCURACY | N |
| 4N55 | 5962-8767901 | OPTOCOUPLER, DUAL | T2 |
| HCPL-5201 | 5962-8876801 | OPTOCOUPLER, SINGLE-CHANNEL | N |
| HCPL-5231 | 5962-8876901 | OPTOCOUPLER, DUAL CHANNEL | N |
| 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) | 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 |
| 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-6731 | 5962-8978502 | OPTOCOUPLER, DUAL CHANNEL, WITH SEPARATE SUPPLY VOLTAGE AND GROUND CONNECTIONS | 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 | | | |
| 10H501 | 5962-8750301 | OR/NOR GATE, QUAD 2-INPUT | G4 |
| 10502 | 06002 | NOR-OR/NOR GATE | 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 |
| 10505 | 06003 | OR/NOR GATE, TRIPLE 2-3-2 INPUT | G3 |
| 10H505 | 5962-8750701 | OR/NOR GATE, TRIPLE 2-3-2 INPUT | G3 |
| 10506 | 06004 | NOR GATE, TRIPLE 3-4-3 INPUT | G3 |
| 10H506 | 5962-8756401 | NOR GATE, TRIPLE 4-3-3 INPUT | G3 |
| 10507 | 06005 | EXCLUSIVE-OR/NOR GATE, TRIPLE 2-INPUT | G3 |
| 10H507 | 5962-8772701 | EXCLUSIVE-OR/NOR GATE, TRIPLE 2-INPUT | G3 |
| 10509 | 06006 | OR/NOR GATE, DUAL 4-5 INPUT | G2 |
| 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 |
| 10521 | 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 |
| 10597 | 06202 | AND GATE, HEX | 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 |
| 54HC00 | 8403701 | NAND GATE, QUAD 2-INPUT | G4 |
| 54HCT00 | 5962-8683101 | NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS | G4 |
| 54AC00 | 5962-8754901 | NAND GATE, QUAD 2-INPUT | G4 |
| 54ALS00A | 5962-8683301 | NAND GATE, QUAD 2-INPUT | G4 |
| 54ACT00 | 5962-8769901 | NAND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS | N |
| 54HC02 | 8404101 | NOR GATE, QUAD 2-INPUT | G4 |
| 54AC02 | 5962-8761201 | NOR GATE, QUAD 2-INPUT | N |
| 54ALS02 | 5962-8684401 | NOR GATE, QUAD 2-INPUT | 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 |
| 54AC04 | 75701 | HEX INVERTER | G6 |
| 54HC04 | 8409801 | HEX INVERTER | G6 |
| 54HCU04 | 8601001 | HEX INVERTER, UNBUFFERED | G6 |
| 54AC04 | 5962-8760901 | HEX INVERTER | G6 |
| 54ALS04B | 5962-8684301 | HEX INVERTER | G6 |
| 54ACT04 | 5962-8973401 | HEX INVERTER, TTL-COMPATIBLE INPUTS | N |
| 54HCT04 | 5962-8974701 | HEX INVERTER, TTL-COMPATIBLE INPUTS | N |
| 54ALS05A | 5962-8854001 | HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS | N |
| 54HC05 | 5962-8871801 | HEX INVERTER, WITH OPEN-DRAIN OUTPUTS | N |
| 54AC08 | 75203 | AND GATE, QUAD 2-INPUT | G4 |
| 54HC08 | 8404701 | AND GATE, QUAD 2-INPUT | G4 |
| 54HCT08 | 5962-8688301 | AND GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS | G4 |
| 54AC08 | 5962-8761501 | AND GATE, QUAD 2-INPUT | G4 |
| 54ALS08 | 5962-8684201 | AND GATE, QUAD 2-INPUT | G4 |
| 54LS09 | 8001901 | AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS | G4 |
| 54ALS09 | 8414201 | AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS | G4 |
| 54HC09 | 5962-8862001 | AND GATE, QUAD 2-INPUT, WITH OPEN-DRAIN OUTPUTS | G4 |
| 54F09 | 5962-8872301 | AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS | N |
| 54HC10 | 8403801 | NAND GATE, TRIPLE 3-INPUT | G3 |

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 | | | |
| 54AC10 | 5962-8761001 | NAND GATE, TRIPLE 3-INPUT | G3 |
| 54ALS10A | 5962-8686501 | NAND GATE, TRIPLE 3-INPUT | G3 |
| 54HCT10 | 5962-8984301 | NAND GATE, TRIPLE 3-INPUT, TTL-COMPATIBLE INPUTS | N |
| 54AC11 | 75204 | AND GATE, TRIPLE 3-INPUT | G3 |
| 54HC11 | 8404801 | AND GATE, TRIPLE 3-INPUT | G3 |
| 54AC11 | 5962-8761101 | AND GATE, TRIPLE 3-INPUT | G3 |
| 54ALS11A | 5962-8684101 | AND GATE, TRIPLE 3-INPUT | G3 |
| 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 |
| 54LS132 | 7600401 | NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER | G4 |
| 54HCT132 | 5962-8984501 | NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER, TTL-COMPATIBLE INPUTS | N |
| 54HC133 | 5962-8772301 | NAND GATE, 13-INPUT | G1 |
| 54ALS133 | 5962-8859001 | NAND GATE, 13-INPUT | G1 |
| 54HCT14 | 65752 | HEX INVERTER, SCHMITT TRIGGER, WITH TTL-COMPATIBLE INPUTS | G6 |
| 54HC14 | 8409101 | HEX INVERTER, SCHMITT TRIGGER | G6 |
| 54HCT14 | 5962-8689001 | HEX INVERTER, SCHMITT TRIGGER, WITH TTL-COMPATIBLE INPUTS | G6 |
| 54AC14 | 5962-8762401 | HEX INVERTER, SCHMITT TRIGGER | G6 |
| 54F14 | 5962-8875201 | HEX INVERTER, SCHMITT TRIGGER | N |
| 54HC20 | 8403901 | NAND GATE, DUAL 4-INPUT | G2 |
| 54AC20 | 5962-8761301 | NAND GATE, DUAL 4-INPUT | G2 |
| 54ALS20A | 5962-8858901 | NAND GATE, DUAL 4-INPUT | G2 |
| 54ALS21 | 8414301 | AND GATE, DUAL 4-INPUT | G2 |
| 54HC21 | 5962-8857601 | AND GATE, DUAL 4-INPUT | N |
| 54F21 | 5962-8955401 | AND GATE, DUAL 4-INPUT | N |
| 54LS26 | 7602001 | NAND GATE, QUAD 2-INPUT, HIGH-VOLTAGE, WITH OPEN-COLLECTOR OUTPUTS | G4 |
| 54HC266 | 8404301 | EXCLUSIVE-NOR GATE, QUAD 2-INPUT (OPEN DRAIN OUTPUT) | G4 |
| 54HC27 | 8404201 | NOR GATE, TRIPLE 3-INPUT | G3 |
| 54ALS27 | 5962-8683801 | NOR GATE, TRIPLE 3-INPUT | G3 |
| 54F27 | 5962-8951001 | NOR GATE, TRIPLE 3-INPUT | N |
| 54HCT27 | 5962-8970301 | NOR GATE, TRIPLE 3-INPUT, TTL-COMPATIBLE INPUTS | N |
| 54HC30 | 8404001 | NAND GATE, 8-INPUT | G1 |
| 54ALS30A | 5962-8683701 | NAND GATE, 8-INPUT | G1 |
| 54F30 | 5962-8870801 | NAND GATE, 8-INPUT | N |
| 54HCT30 | 5962-8974601 | NAND GATE, 8-INPUT, TTL-COMPATIBLE INPUTS | N |
| 54HC32 | 8404501 | OR GATE, QUAD 2-INPUT | G4 |
| 54HCT32 | 5962-8685201 | OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS | G4 |
| 54AC32 | 5962-8761401 | OR GATE, QUAD 2-INPUT | G4 |
| 54ALS32 | 5962-8683601 | OR GATE, QUAD 2-INPUT | G4 |
| 54ACT32 | 5962-8973601 | OR GATE, QUAD 2-INPUT, WITH TTL-COMPATIBLE INPUTS | N |
| 54F36 | 5962-8870901 | NOR GATE, QUAD 2-INPUT | N |
| 54HC4002 | 8404401 | NOR GATE, DUAL 4-INPUT | G2 |
| 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 |
| 54HC86 | 8404601 | EXCLUSIVE-OR GATE, QUAD 2-INPUT | G4 |
| 54ALS86 | 5962-8862101 | EXCLUSIVE-OR GATE, QUAD 2-INPUT | G4 |

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 | | | |
| 54AC86 | 5962-8955001 | EXCLUSIVE-OR GATE, QUAD 2-INPUT | N |
| 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 |
| 29C827 | 5962-8766701 | BUS BUFFER, 10-BIT NONINVERTING, HIGH PERFORMANCE | G11 |
| 29827A | 5962-8860501 | BUFFER, 10-BIT, HIGH PERFORMANCE, WITH THREE-STATE OUTPUTS | G11 |
| 29C828 | 5962-8766702 | BUS BUFFER, 10-BIT INVERTING, HIGH PERFORMANCE | G11 |
| 29828A | 5962-8860502 | BUFFER, 10-BIT, HIGH PERFORMANCE, WITH THREE-STATE OUTPUTS | G11 |
| 29C927 | 5962-8766703 | BUS BUFFER, 10-BIT NONINVERTING, HIGH PERFORMANCE | G11 |
| 29C928 | 5962-8766704 | BUS BUFFER, 10-BIT INVERTING, HIGH PERFORMANCE | G11 |
| 54ALS1000A | 8405901 | BUFFER/DRIVER, NAND, QUAD 2-INPUT | G4 |
| 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 |
| 54ALS1034 | 8403101 | BUFFER/DRIVER, HEX, NONINVERTING | G6 |
| 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 |
| 54ALS1244A | 5962-8873801 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | N |
| 54HC125 | 5962-8772101 | BUFFER/DRIVER, QUAD, NONINVERTING, WITH THREE-STATE OUTPUTS (LOW ENABLE) | G4 |
| 54BCT125 | 5962-9093701M | BUS BUFFER GATE, QUAD, WITH THREE-STATE OUTPUTS | N |
| 54HC126 | 5962-8684801 | BUFFER/DRIVER, QUAD, NONINVERTING, WITH THREE-STATE OUTPUTS | G8 |
| 54LS240 | 7801201 | BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 54HC240 | 8407401 | BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 54HCT240 | 8550501 | BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 54AC240 | 5962-8755001 | BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 54FCT240 | 5962-8765501 | BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE | G10 |
| 54ALS240A | 5962-8859101 | BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS | G10 |

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 | | | |
| 54FCT240A | 5962-8765502 | BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE | G10 |
| 54HCT241 | 65754 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | N |
| 54AC241 | 75704 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 54F241 | 5962-8687401 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 54AC241 | 5962-8755101 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 54ALS241 | 5962-8859601 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 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 |
| 54ACT241 | 5962-8984701 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE | N |
| 54HC244 | 8409601 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 54HCT244 | 8513001 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 54LS244 | 7705701 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 54AC244 | 5962-8755201 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 54ALS244A | 5962-8683901 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 54FCT244 | 5962-8763001 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE | G10 |
| 54ACT244 | 5962-8776001 | 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 |
| 54HC365 | 8500101 | BUFFER/DRIVER, HEX, NONINVERTING, WITH THREE-STATE OUTPUTS | N |
| 54HC367 | 8500201 | BUFFER/DRIVER, HEX, NONINVERTING, WITH THREE-STATE OUTPUTS | N |
| 54HC368 | 5962-8681201 | BUFFER/DRIVER, HEX, INVERTING, WITH THREE-STATE OUTPUTS | G20 |
| 54F37 | 35201 | BUFFER/DRIVER, NAND, QUAD 2-INPUT | G4 |
| 54ALS38A | 38403 | BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS | G4 |
| 54F38 | 5962-8687201 | 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 |
| 54HC4050 | 5962-8682001 | CONVERTER, HEX LOGIC LEVEL DOWN | G6 |
| 54LS540 | 8415501 | BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS | G12 |

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 | | | |
| 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 |
| 54AC541 | 75711 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | N |
| 54LS541 | 8415601 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G9 |
| 54AC541 | 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 |
| 10535 | 06104 | FLIP-FLOP, JK, DUAL | G24 |
| 10H535 | 5962-8750501 | FLIP-FLOP, JK MASTER SLAVE, DUAL | G8 |
| 10576 | 06103 | FLIP-FLOP, D-TYPE, HEX | G42 |
| 10H576 | 5962-8751201 | FLIP-FLOP, D-TYPE MASTER SLAVE, HEX | N |
| 10H586 | 5962-8756301 | FLIP-FLOP, D-TYPE MASTER SLAVE, HEX, WITH RESET | B25 |
| 10586 | 5962-8779301 | FLIP-FLOP, D-TYPE, HEX, WITH COMMON RESET | N |
| 10598 | 5962-8777301 | MULTIVIBRATOR, MONOSTABLE | N |
| 10631 | 06102 | FLIP-FLOP, D-TYPE, DUAL | G24 |
| 25LS174 | 33106 | FLIP-FLOP, D-TYPE, HEX | G36 |
| 54HC107 | 65303 | FLIP-FLOP, JK, DUAL, WITH RESET | G34 |
| 54HC107 | 5962-8515401 | FLIP-FLOP, JK, DUAL, WITH RESET | G34 |
| 54AC109 | 75304 | FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET | N |
| 54ALS109A | 8400001 | FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE HIGH) | G16 |
| 54HC109 | 8415001 | FLIP-FLOP, JK, DUAL | G52 |
| 54ACT109 | 5962-8853401 | FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH TTL-COMPATIBLE INPUTS | G22 |
| 54AC109 | 5962-8955101 | FLIP-FLOP, JK, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET | N |
| 54AC112 | 75305 | FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED, WITH CLEAR AND SET | N |
| 54ALS112A | 8400002 | FLIP-FLOP, JK, DUAL, WITH CLEAR AND PRESET (ACTIVE LOW) | G16 |
| 54HC112 | 8408801 | FLIP-FLOP, JK, DUAL, WITH SET AND RESET | G34 |
| 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 |
| 54LS122 | 7600301 | MULTIVIBRATOR, MONOSTABLE RETRIGGERABLE WITH CLEAR | N |
| 54LS123 | 7603901 | MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE WITH CLEAR | 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 |

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 | | | |
| 54HC173 | 5962-8682501 | FLIP-FLOP, D-TYPE, QUAD, WITH THREE-STATE OUTPUTS | 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 |
| 54ALS174 | 8301901 | FLIP-FLOP, D-TYPE, HEX, WITH CLEAR | G44 |
| 54HC174 | 8407301 | FLIP-FLOP, D-TYPE, HEX, WITH CLEAR | G38 |
| 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 |
| 54ALS175 | 8301902 | FLIP-FLOP, D-TYPE, QUAD, WITH CLEAR | G34 |
| 54HC175 | 8408901 | FLIP-FLOP, D-TYPE, QUAD | 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 |
| 54LS221 | 7604201 | MULTIVIBRATOR, DUAL MONOSTABLE, WITH SCHMITT-TRIGGER INPUTS AND CLEAR | N |
| 54HC221 | 5962-8780501 | MULTIVIBRATOR, DUAL NON-RETRIGGERABLE MONOSTABLE, WITH RESET | N |
| 54HC259 | 8551901 | LATCH, 8-BIT ADDRESSABLE | N |
| 54ALS259 | 5962-8874101 | LATCH, 8-BIT ADDRESSABLE | N |
| 54F259 | 5962-8972301 | LATCH, 8-BIT ADDRESSABLE | N |
| 54AC273 | 75601 | FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR | N |
| 54LS273 | 7801001 | FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR | G80 |
| 54HC273 | 8409901 | FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR | N |
| 54ALS273 | 8413601 | FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR | N |
| 54FCT273 | 5962-8765601 | FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR, TTL-COMPATIBLE | G34 |
| 54HCT273 | 5962-8772501 | FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR AND TTL-COMPATIBLE INPUTS | G34 |
| 54F273 | 5962-8855001 | FLIP-FLOP, D-TYPE, OCTAL, EDGE-TRIGGERED, WITH ASYNCHRONOUS MASTER RESET | N |
| 54AC273 | 5962-8775601 | FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR | N |
| 54FCT273A | 5962-8765602 | FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR, TTL-COMPATIBLE | N |
| 54ACT273 | 5962-8973501 | FLIP-FLOP, D-TYPE, QUAD, WITH RESET, TTL-COMPATIBLE INPUTS | N |
| 54LS279 | 7601801 | LATCH, RS, 4-BIT | G8 |
| 54ALS29821 | 5962-9061601 | FLIP-FLOPS, 10-BIT BUS INTERFACE, WITH 3-STATE OUTPUTS | N |
| 54ALS373 | 8302001 | FLIP-FLOP, D-TYPE, OCTAL, WITH TRANSPARENT LATCH AND THREE-STATE OUTPUTS | G58 |
| 54HC373 | 8407201 | LATCH, D-TYPE, 8-BIT, WITH THREE-STATE OUTPUTS | N |
| 54HCT373 | 5962-8686701 | LATCH, D-TYPE TRANSPARENT, OCTAL, WITH TTL-COMPATIBLE INPUTS AND 3-STATE OUTPUTS | N |
| 54AC373 | 5962-8755501 | LATCH, D-TYPE TRANSPARENT, OCTAL, WITH THREE-STATE OUTPUTS | G42 |
| 54ACT373 | 5962-8755601 | LATCH, D-TYPE TRANSPARENT, OCTAL, WITH 3-STATE OUTPUTS AND TTL-COMPATIBLE INPUTS | G18 |
| 54FCT373 | 5962-8764401 | LATCH, D-TYPE TRANSPARENT, OCTAL, W/NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE TTL-COMPATIBLE INPUTS | G42 |
| 54FCT373A | 5962-8764402 | LATCH, D-TYPE TRANSPARENT, OCTAL, W/NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE TTL-COMPATIBLE INPUTS | G42 |
| 54BCT373 | 5962-9074601M | LATCH, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54AC374 | 75602 | FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS | 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 | | | |
| 54LS374 | 7801101 | FLIP-FLOP, D-TYPE, OCTAL, POSITIVE EDGE-TRIGGERED, WITH THREE-STATE OUTPUTS | G80 |
| 54ALS374 | 8302002 | FLIP-FLOP, D-TYPE, OCTAL, EDGE-TRIGGERED, WITH THREE-STATE OUTPUTS | G58 |
| 54HC374 | 8407101 | FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS | G50 |
| 54HCT374 | 8550701 | FLIP-FLOP, D-TYPE, OCTAL, WITH NONINVERTING THREE-STATE OUTPUTS | G50 |
| 54ACT374 | 5962-8763101 | FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE INPUTS | G42 |
| 54FCT374 | 5962-8762801 | FLIP-FLOP, D-TYPE, OCTAL, WITH NONINVERTING THREE-STATE OUTPUTS, TTL-COMPATIBLE | G42 |
| 54AC374 | 5962-8769401 | FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS | G42 |
| 54FCT374A | 5962-8762802 | FLIP-FLOP, D-TYPE, OCTAL, WITH NONINVERTING THREE-STATE OUTPUTS, TTL-COMPATIBLE | G42 |
| 54HC377 | 65603 | FLIP-FLOP, D-TYPE, OCTAL, WITH ENABLE | N |
| 54AC377 | 75603 | FLIP-FLOP, D-TYPE, OCTAL, WITH CLOCK ENABLE | N |
| 54HC377 | 5962-8780701 | FLIP-FLOP, D-TYPE, OCTAL, WITH ENABLE | N |
| 54FCT377 | 5962-8762701 | FLIP-FLOP, D-TYPE, OCTAL, WITH CLOCK ENABLE AND TTL-COMPATIBLE INPUTS | 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 |
| 54FCT377A | 5962-8762702 | FLIP-FLOP, D-TYPE, OCTAL, WITH CLOCK ENABLE AND TTL-COMPATIBLE INPUTS | 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 |
| 54F432 | 5962-9058501 | LATCH, MULTI-MODE BUFFERED, INV. (THREE-STATE) | N |
| 54HC4538 | 5962-8688601 | MULTIVIBRATOR, DUAL RETRIGGERABLE PRECISION MONOSTABLE | G20 |
| 54HC533 | 65404 | LATCH, D-TYPE, 8-BIT, WITH INVERTED THREE-STATE OUTPUTS | N |
| 54AC533 | 75404 | LATCH, OCTAL TRANSPARENT, WITH INVERTED THREE-STATE OUTPUTS | N |
| 54HC533 | 5962-8681301 | LATCH, D-TYPE, 8-BIT, WITH INVERTED THREE-STATE OUTPUTS | N |
| 54FCT533 | 5962-8865101 | LATCH, OCTAL TRANSPARENT | N |
| 54FCT533A | 5962-8865102 | LATCH, OCTAL TRANSPARENT | N |
| 54HC534 | 65605 | FLIP-FLOP, D-TYPE, OCTAL, WITH INVERTED THREE-STATE OUTPUTS | N |
| 54AC534 | 75605 | FLIP-FLOP, D-TYPE, OCTAL, WITH INVERTING THREE-STATE OUTPUTS | N |
| 54HC534 | 5962-8681401 | FLIP-FLOP, D-TYPE, OCTAL, WITH INVERTED THREE-STATE OUTPUTS | N |
| 54ALS534 | 5962-8866801 | FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS | 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 |
| 54HCT534 | 5962-8984901 | FLIP-FLOP, D-TYPE, OCTAL INVERTING, POS. EDGE-TRIGGERED, WITH 3-STATE OUTPUTS | N |
| 54ACT534 | 5962-8965801 | FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE INPUTS | N |
| 54HC563 | 65405 | LATCH, D-TYPE TRANSPARENT, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54AC563 | 75405 | LATCH, OCTAL D-TYPE WITH INVERTED THREE-STATE OUTPUTS | N |
| 54HC563 | 5962-8606201 | LATCH, D-TYPE TRANSPARENT, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54ALS563A | 5962-8870001 | LATCH, D-TYPE TRANSPARENT, OCTAL, WITH THREE-STATE OUTPUTS | N |

See footnotes at end of standard.

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TABLE 11. 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 | | | |
| 54ACT563 | 5962-8955601 | LATCH, D-TYPE, 8-BIT, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE INPUTS | N |
| 54HC564 | 65606 | FLIP-FLOP, D-TYPE, OCTAL, EDGE-TRIGGERED, WITH INVERTED THREE-STATE OUTPUTS | N |
| 54F564 | 34111 | FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS | G42 |
| 54AC564 | 75606 | FLIP-FLOP, D-TYPE, OCTAL, WITH INVERTING THREE-STATE OUTPUTS | N |
| 54HC564 | 5962-8681501 | FLIP-FLOP, D-TYPE, OCTAL, EDGE-TRIGGERED, WITH INVERTED THREE-STATE OUTPUTS | N |
| 54ACT564 | 5962-8955701 | FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54AC573 | 75406 | LATCH, OCTAL D-TYPE WITH THREE-STATE OUTPUTS | N |
| 54ALS573 | 8401201 | LATCH, D-TYPE TRANSPARENT, OCTAL, WITH THREE-STATE OUTPUTS | G58 |
| 54HC573 | 8512801 | LATCH, D-TYPE, 8-BIT, WITH THREE-STATE OUTPUTS | N |
| 54HCT573 | 5962-8685601 | LATCH, D-TYPE, 8-BIT, WITH THREE-STATE OUTPUTS AND LSTTL-COMPATIBLE INPUTS | G58 |
| 54FCT573 | 5962-8863901 | LATCH, OCTAL TRANSPARENT, TTL-COMPATIBLE | N |
| 54ACT573 | 5962-8766401 | LATCH, D-TYPE, 8-BIT, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE INPUTS | N |
| 54F574 | 34110 | FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54AC574 | 75604 | FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54ALS574A | 8400101 | FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS | G42 |
| 54FCT574 | 5962-8951301 | FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54FCT574A | 5962-8951302 | FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54ACT574 | 5962-8960101 | FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54F574 | 5962-8972401 | 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 |
| 54AC74 | 75302 | FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET | G20 |
| 54ALS74A | 8401101 | FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED | G12 |
| 54HC74 | 8405601 | FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR | G48 |
| 54HCT74 | 5962-8685301 | FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR WITH LSTTL-COMPATIBLE INPUTS | G40 |
| 54ACT74 | 5962-8752501 | FLIP-FLOP, D-TYPE, DUAL, WITH PRESET AND CLEAR AND TTL-COMPATIBLE INPUTS | G20 |
| 54AC74 | 5962-8852001 | FLIP-FLOP, D-TYPE, DUAL, POSITIVE EDGE-TRIGGERED, WITH CLEAR AND SET | G20 |
| 54HC75 | 65401 | LATCH, TRANSPARENT, DUAL 2-BIT | N |
| 54LS75 | 7601201 | LATCH, 4-BIT, BISTABLE | G20 |
| 54HC75 | 8407001 | LATCH, TRANSPARENT, DUAL 2-BIT | N |
| 54LS76A | 7601301 | FLIP-FLOP, JK, DUAL, NEGATIVE EDGE-TRIGGERED | G16 |
| 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 |
| 54FCT841A | 5962-8857501 | LATCH, BUS INTERFACE, 10-BIT NONINVERTING, WITH 3-STATE OUTPUTS, 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/ |
|--------------------------------|--|---|---|
| Flip-Flops 3 - Continued | | | |
| 54FCT841B | 5962-8857502 | LATCH, BUS INTERFACE, 10-BIT NONINVERTING, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE | 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 |
| 54ALS874B | 37106 | FLIP-FLOP, D-TYPE, DUAL 4-BIT, WITH CLEAR AND THREE-STATE OUTPUTS | G62 |
| 54ALS874B | 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 8282 | 5962-8994501 8417903 | LATCH, D-TYPE, 8-BIT, EDGE-TRIGGERED READ BACK | N |
| | | 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 | | | |
| 10H558 | 5962-8756601 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT NONINVERTING | G13 |
| 10558 | 5962-8779201 | MULTIPLEXER, QUAD 2-INPUT, NONINVERTING | N |
| 10H560 | 5962-8756201 | PARITY GENERATOR/CHECKER, 12-BIT | G9 |
| 10H561 | 5962-8756701 | DECODER, BINARY TO 1-OF-8 | G12 |
| 10H564 | 5962-8772901 | MULTIPLEXER, 8-INPUT | G12 |
| 10564 | 5962-8852701 | MULTIPLEXER, 8-INPUT | N |
| 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 |
| TMC208KB5V | 5962-8873901 | MULTIPLIER, 8 X 8 TWO'S COMPLEMENT | N |
| TMC208KB5V1 | 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 |
| TMC28KUB5V | 5962-8873903 | MULTIPLIER, 8 X 8 UNSIGNED MAGNITUDE | N |
| TMC28KUB5V1 | 5962-8873904 | MULTIPLIER, 8 X 8 UNSIGNED MAGNITUDE | N |
| 54LS138 | 7600501 | DECODER, 3-LINE-TO-8-LINE | G16 |
| 54HC138 | 8406201 | DECODER, 3-LINE-TO-8-LINE | G16 |
| 54HCT138 | 8550401 | DECODER, 3-LINE-TO-8-LINE | G16 |
| 54ACT138 | 5962-8755401 | DECODER/DEMUTIPLEXER, 3-LINE-TO-8-LINE | G15 |
| 54AC138 | 5962-8762201 | DECODER/DEMUTIPLEXER, 3-LINE-TO-8-LINE | N |
| 54FCT138 | 5962-8765401 | DECODER, 3-LINE-TO-8-LINE, TTL-COMPATIBLE | G15 |
| 54ALS138 | 5962-8686601 | DECODER/DEMUTIPLEXER, 3-LINE-TO-8-LINE | G16 |
| 54FCT138A | 5962-8765402 | DECODER, 3-LINE-TO-8-LINE, TTL-COMPATIBLE | G15 |
| 54HCT139 | 65853 | DECODER, DUAL 2-LINE-TO-4-LINE | G18 |
| 54AC139 | 75803 | DECODER, DUAL 2-LINE-TO-4-LINE | G18 |
| 54LS139 | 7600701 | DECODER, DUAL 2-LINE-TO-4-LINE | G18 |
| 54HC139 | 8409201 | 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 |
| 54AC139 | 5962-8762301 | DECODER, DUAL 2-LINE-TO-4-LINE | G18 |
| 54FCT139 | 5962-8950801 | DECODER, DUAL 1-OF-4 | N |
| 54FCT139A | 5962-8950802 | DECODER, DUAL 1-OF-4 | N |
| 54LS145 | 8508401 | DECODER/DRIVER, BCD-TO-DECIMAL | G18 |

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/ |
|-----------------------------------|--|---|---|
| Combinational gates 4 - Continued | | | |
| 54HC147 | 8406401 | PRIORITY ENCODER, 10-TO-4-LINE | G35 |
| 54LS148 | 7802701 | PRIORITY ENCODER, 8-LINE-TO-3-LINE | G29 |
| 54F148 | 5962-8607001 | PRIORITY ENCODER, 8-LINE-TO-3-LINE | G24 |
| 54HC151B | 66201 | DATA SEL/MULTIPLEXER, 8-INPUT, WITH ENABLE | G23 |
| 54LS151 | 7601001 | DATA SEL/MULTIPLEXER, 8-INPUT | G17 |
| 54HC151 | 8412801 | DATA SEL/MULTIPLEXER, 8-INPUT, WITH ENABLE | G23 |
| 54ALS151 | 8414101 | DATA SEL/MULTIPLEXER, 8-INPUT | G13 |
| 54AC151 | 5962-8769101 | DATA SEL/MULTIPLEXER, 8-INPUT | G17 |
| 54ACT151 | 5962-8875601 | DECODER/DEMUTIPLEXER, 8-INPUT, TTL-COMPATIBLE | N |
| 54HC153B | 66202 | DATA SEL/MULTIPLEXER, DUAL 4-INPUT | N |
| 54LS153 | 7601101 | DATA SEL/MULTIPLEXER, DUAL 4-INPUT | G16 |
| 54HC153 | 8409301 | DATA SEL/MULTIPLEXER, DUAL 4-INPUT | N |
| 54ALS153 | 8413401 | DATA SEL/MULTIPLEXER, DUAL 4-INPUT | G14 |
| 54AC153 | 5962-8762501 | DATA SEL/MULTIPLEXER, DUAL 4-INPUT | G16 |
| 54ACT153 | 5962-8769801 | DATA SEL/MULTIPLEXER, DUAL 4-INPUT, TTL-COMPATIBLE | N |
| 54HC154 | 65804 | DECODER, 4-TO-16-LINE | G21 |
| 54LS154 | 8301701 | DECODER/DEMUTIPLEXER, 4-LINE-TO-16-LINE | G25 |
| 54HCT154 | 5962-8670101 | DECODER, 4-TO-16-LINE | G96 |
| 54HC154 | 5962-8682201 | DECODER, 4-TO-16-LINE | G21 |
| 54HC157B | 66203 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT | N |
| 54LS157 | 7600201 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT | G15 |
| 54HC157 | 5962-8606101 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT | N |
| 54ALS157 | 5962-8686901 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT | G15 |
| 54ACT157 | 5962-8968801 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, TTL-COMPATIBLE | N |
| 54AC157 | 5962-8953901 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT | N |
| 54HC158 | 5962-8682301 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH INVERTED | G15 |
| | | OUTPUTS | |
| 54LS158 | 7603301 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE | G15 |
| 54ALS158 | 5962-8862501 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT | G15 |
| 54ACT158 | 5962-8875501 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT | N |
| 54AC158 | 5962-8972901 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT | N |
| 54FCT182 | 5962-8865201 | LOOKAHEAD CARRY GENERATOR, HIGH-SPEED | N |
| 54FCT182A | 5962-8865202 | LOOKAHEAD CARRY GENERATOR, HIGH-SPEED | N |
| 54HC237 | 5962-8860601 | DECODER/DEMUTIPLEXER, 3-LINE-TO-8-LINE, WITH ADDRESS | N |
| | | LATCH | |
| 54HCT237 | 5962-9061301 | DECODER/DEMUTIPLEXER, 3-LINE-TO-8-LINE, W/ ADDRESS | N |
| | | LATCHES, TTL-COMPATIBLE | |
| 54HC238 | 5962-8688401 | DECODER/DEMUTIPLEXER, 3-LINE-TO-8-LINE | N |
| 54HCT238 | 5962-8974501 | DECODER/DEMUTIPLEXER, 3-LINE-TO-8-LINE, TTL-COMPATIBLE | N |
| | | INPUTS | |
| 54LS248 | 5962-8994401 | DECODER/DRIVER, BCD-TO-SEVEN-SEGMENT | N |
| 54HC251B | 66205 | DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE OUTPUTS | G41 |
| 54LS251 | 7601601 | DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE OUTPUTS | G17 |
| 54ALS251 | 8413501 | DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE OUTPUTS | G17 |
| 54HC251B | 8512501 | DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE OUTPUTS | G41 |
| 54AC251 | 5962-8769201 | DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE OUTPUTS | G17 |
| 54ACT251 | 5962-8959901 | DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE | N |
| | | OUTPUTS, TTL-COMPATIBLE INPUTS | |
| 54HC253B | 66206 | DATA SEL/MULTIPLEXER, DUAL 4-LINE TO 1-LINE, WITH | N |
| | | THREE-STATE OUTPUTS | |
| 54LS253 | 7601701 | DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH THREE-STATE | G16 |
| | | OUTPUTS | |
| 54ALS253 | 8509601 | DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH THREE-STATE | N |
| | | OUTPUTS | |

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/ |
|------------------------------------|--|--|---|
| Combinational gates 4 - Continued. | | | |
| 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 |
| 54HC253B | 5962-8868201 | DATA SEL/MULTIPLEXER, DUAL 4-LINE TO 1-LINE, WITH THREE-STATE OUTPUTS | N |
| 54HC257 | 66207 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS | N |
| 54LS257B | 7603701 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE AND THREE-STATE OUTPUTS | G15 |
| 54ALS257 | 8509701 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS | G15 |
| 54HC257 | 8512401 | 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 |
| 54HCT257 | 5962-8970501 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE NONINVERTING OUTPUTS | N |
| 54LS258B | 7603801 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS, WITH ENABLE | G15 |
| 54ALS258 | 5962-8862601 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS | G15 |
| 54ACT258 | 5962-8870401 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS | N |
| 54HCT258 | 5962-8970801 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH 3-STATE INVERTING OUTPUTS, TTL-COMPATIB | 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 |
| 54LS283 | 7604301 | ADDER, 4-BIT FULL, WITH FAST CARRY | G42 |
| 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 |
| 54LS298 | 7601901 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH STORAGE | G15 |
| 54LS353 | 8550801 | DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH THREE-STATE OUTPUTS | G16 |
| 54F381 | 5962-8671001 | ARITHMETIC LOGIC UNIT, 4-BIT | G82 |
| 54LS382 | 5962-8688101 | ARITHMETIC LOGIC UNIT/FUNCTION GENERATOR | G96 |
| 54HC42 | 65801 | DECODER, BCD-TO-DECIMAL | G35 |
| 54HC42 | 5962-8682101 | DECODER, BCD-TO-DECIMAL | G35 |
| 54LS42 | 7603101 | DECODER, BCD-TO-DECIMAL | G18 |
| 54HC4511 | 5962-8773301 | DECODER/DRIVER, BCD-TO-7-SEGMENT | N |
| 54LS47 | 7604501 | DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS | G44 |
| 54F518 | 5962-8871001 | IDENTITY COMPARATOR, 8-BIT, WITH OPEN-COLLECTOR OUTPUTS | N |
| 54F519 | 5962-8871101 | IDENTITY COMPARATOR, 8-BIT, WITH OPEN-COLLECTOR OUTPUTS | N |
| 54F520 | 5962-8871201 | IDENTITY COMPARATOR, 8-BIT | N |
| 54ALS520 | 5962-8869101 | IDENTITY COMPARATOR, 8-BIT | N |
| 54ACT520 | 5962-8979301 | 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 |
| 54ACT521 | 5962-8979302 | IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS | N |
| 54FCT521B | 5962-8854303 | IDENTITY COMPARATOR, 8-BIT, TTL-COMPATIBLE INPUTS | N |
| 54HCT688 | 5962-8685701 | MAGNITUDE COMPARATOR, 8-BIT, WITH LSTTL-COMPATIBLE INPUTS | G14 |

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/ |
|--|--|--|--|
| Combinational gates 4 - Continued | | | |
| 54HC688 54ALS688 54LS83A 54HC85 54HCT85 54ALS857A | 5962-8681801 5962-8857801 7601401 8601301 5962-8867201 5962-8753301 | MAGNITUDE COMPARATOR, 8-BIT IDENTITY COMPARATOR, 8-BIT ADDER, 4-BIT FULL WITH FAST CARRY MAGNITUDE COMPARATOR, 4-BIT MAGNITUDE COMPARATOR, 4-BIT DATA SEL/MULTIPLEXER, HEX 2-INPUT, WITH THREE-STATE OUTPUTS | G18 N G42 G53 N G44 |
| 721055 721065 721075 7217L-40 7217L-55 7217L-75 82S105 93S48 | 5962-8873301 5962-8873302 5962-8873303 5962-8768601 5962-8768602 5962-8768603 5962-8671001 5962-8672601 | MULTIPLIER, 16-BIT PARALLEL MULTIPLIER, 16-BIT PARALLEL MULTIPLIER, 16-BIT PARALLEL MULTIPLIER, 16-BIT PARALLEL, 42 NS MULTIPLY TIME MULTIPLIER, 16-BIT PARALLEL, 55 NS MULTIPLY TIME MULTIPLIER, 16-BIT PARALLEL, 75 NS ACCESS TIME ARITHMETIC LOGIC UNIT, 4-BIT PARITY GENERATOR/CHECKER, 12-BIT | N N N N N N G82 G22 |
| Sequential registers/counters 5 | | | |
| 10H416 10H536 10H541 10541 25LS2519 | 5962-8759001 5962-8700101 5962-8751101 5962-8855701 5962-8670201 | BINARY COUNTER, 4-BIT UNIVERSAL COUNTER SHIFT REGISTER, 4-BIT UNIVERSAL SHIFT REGISTER, UNIVERSAL REGISTER, D-TYPE, QUAD, WITH TO INDEPENDENTLY CONTROLLED THREE-STATE OUTPUTS | N G47 G41 N N |
| 29LS18 | 5962-8671901 | REGISTER, D-TYPE, QUAD, WITH STANDARD AND THREE-STATE OUTPUTS | G30 |
| 29FCT520A 29FCT520B 29FCT521A 29FCT521B 29818A | 5962-8873601 5962-8873603 5962-8873602 5962-8873604 5962-8954901 | PIPELINE REGISTER, MULTILEVEL PIPELINE REGISTER, MULTILEVEL PIPELINE REGISTER, MULTILEVEL PIPELINE REGISTER, MULTILEVEL PIPELINE REGISTER, WITH SERIAL SHADOW REGISTER | N N N N N |
| AM29C818 29C821 29821A 29C823 29823A 29825A 29921A 29923A 29925A L4C381-45 54ALS160 54HC160 | 5962-9051501 5962-8851601 5962-8775501 5962-8851602 5962-8775502 5962-8775503 5962-8775504 5962-8775505 5962-8775506 5962-8995901 38101 66301 | PIPELINE REGISTER REGISTER, BUS INTERFACE, 10-WIDE, HIGH PERFORMANCE BUS INTERFACE REGISTER, 10-WIDE REGISTER, BUS INTERFACE, 9-WIDE, HIGH PERFORMANCE BUS INTERFACE REGISTER, 9-WIDE BUS INTERFACE REGISTER, 8-WIDE BUS INTERFACE REGISTER, 10-WIDE BUS INTERFACE REGISTER, 9-WIDE BUS INTERFACE REGISTER, 8-WIDE ARITHMETIC LOGIC UNIT, 16-BIT CASCADABLE DECADE COUNTER, 4-BIT SYNCHRONOUS BCD DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS RESET | N G52 G52 G50 G50 G45 G52 G50 G45 N G54 N |
| 54HC160 | 5962-8682401 | DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS RESET | N |
| 54LS160A 54LS161 54HC161 | 7700901 7600801 8407501 | DECADE COUNTER, 4-BIT SYNCHRONOUS BINARY COUNTER, 4-BIT SYNCHRONOUS BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR | G60 G57 N |
| 54HCT161 | 5962-8685401 | BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNC. CLEAR AND LSTTL-COMPATIBLE INPUTS | G55 |
| 54ALS161B | 8302201 | BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR | G64 |

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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 | | | |
| 54FCT161 | 5962-8864001 | BINARY COUNTER, 4-BIT SYNCHRONOUS, PRESETTABLE, TTL-COMPATIBLE | N |
| 54AC161 | 5962-8956101 | BINARY COUNTER, 4-BIT SYNCHRONOUS PRESETTABLE | N |
| 54ALS162A | 38102 | DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR | G69 |
| 54HC162 | 66303 | BCD COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS RESET | N |
| 54ALS162A | 8407901 | DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR | G69 |
| 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 |
| 54LS163A | 7603401 | BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR | G58 |
| 54HC163 | 8607601 | BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR | N |
| 54ALS163B | 8302202 | BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH SYNCHRONOUS CLEAR | G55 |
| 54FCT163 | 5962-8865701 | BINARY COUNTER, 4-BIT SYNCHRONOUS PRESETTABLE, TTL-COMPATIBLE | G50 |
| 54FCT163A | 5962-8865702 | BINARY COUNTER, 4-BIT SYNCHRONOUS PRESETTABLE | G50 |
| 54AC163 | 5962-8958201 | BINARY COUNTER, 4-BIT SYNCHRONOUS PRESETTABLE | N |
| 54HC164 | 8416201 | SHIFT REGISTER, 8-BIT, SERIAL-IN/PARALLEL-OUT | N |
| 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 |
| 54ALS164 | 5962-8687001 | SHIFT REGISTER, 8-BIT PARALLEL-OUT SERIAL | G36 |
| 54LS165A | 7700601 | SHIFT REGISTER, 8-BIT PARALLEL LOAD | G62 |
| 54HC165 | 8409501 | SHIFT REGISTER, 8-BIT PARALLEL-IN SERIAL-OUT | N |
| 54HCT165 | 5962-8685501 | SHIFT REGISTER, 8-BIT PARALLEL-IN SERIAL-OUT, WITH LSTTL-COMPATIBLE INPUTS | G52 |
| 54ALS165 | 5962-8957401 | SHIFT REGISTER, 8-BIT PARALLEL LOAD | N |
| 54HC166 | 66503 | SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT | N |
| 54LS166 | 8001701 | SHIFT REGISTER, 8-BIT PARALLEL-INPUT, WITH CLEAR | G68 |
| 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 |
| 54ALS569A | 38005 | BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH THREE-STATE OUTPUTS | N |
| 54LS169 | 8001802 | BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN | G68 |
| 54ALS169B | 8302501 | BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN | G67 |
| 54ALS569A | 8302502 | BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH THREE-STATE OUTPUTS | N |
| 54F169 | 5962-8607201 | BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN | G74 |
| 54LS170 | 31902 | REGISTER FILE, 4 X 4, WITH OPEN COLLECTOR OUTPUTS | G100 |
| 54LS170 | 8002501 | REGISTER FILE, 4 X 4, WITH OPEN COLLECTOR OUTPUTS | G100 |
| 54LS190 | 7603501 | BCD COUNTER, 4-BIT SYNCHRONOUS, WITH MODE CONTROL | G62 |
| 54HC190 | 5962-8994601 | DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN | N |
| 54F191 | 34303 | BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN | G55 |
| 54HC191 | 66305 | BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH PRESET | G43 |
| 54LS191 | 7600901 | BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH DOWN/UP MODE CONTROL | G59 |
| 54ALS191 | 5962-8684001 | BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN | G65 |
| 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 |

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 | | | |
| 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 |
| 54AC191 | 5962-8974901 | BINARY COUNTER, UP/DOWN, WITH PRESET AND RIPPLE CLOCK | 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 |
| 54LS192 | 7603601 | DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH CLEAR ENABLE | G50 |
| 54HC193 | 66307 | BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH ASYNCHRONOUS RESET | N |
| 54LS193 | 7600601 | BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN | G48 |
| 54HC193 | 5962-8772401 | BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN, WITH ASYNCHRONOUS RESET | N |
| 54ALS193 | 5962-8869801 | BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN | N |
| 54HC194 | 66504 | SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL | G64 |
| 54HC194 | 5962-8682601 | SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL | G64 |
| 54F194 | 5962-8685001 | SHIFT REGISTER, 4-BIT BIDIRECTIONAL UNIVERSAL, CASCADABLE | G47 |
| 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 |
| 54LS197 | 7601501 | DECADE/BINARY COUNTER, PRESETTABLE, 50/30-MHZ | G42 |
| 54F269 | 5962-8862701 | BINARY COUNTER, 8-BIT BIDIRECTIONAL | N |
| 54ALS299 | 37601 | SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH THREE-STATE OUTPUTS | G104 |
| 54HC299 | 66506 | SHIFT REGISTER, 8-BIT UNIVERSAL, WITH THREE-STATE OUTPUTS | N |
| 54LS299 | 7802401 | SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL | N |
| 54ALS299 | 8302101 | SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH THREE-STATE OUTPUTS | G104 |
| 54HC299 | 5962-8780601 | SHIFT REGISTER, 8-BIT UNIVERSAL, WITH THREE-STATE OUTPUTS | N |
| 54FCT299 | 5962-8686201 | SHIFT REGISTER, 8-BIT UNIVERSAL, TTL-COMPATIBLE WITH THREE-STATE OUTPUTS | G88 |
| 54AC299 | 5962-8875401 | SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS | N |
| 54ACT299 | 5962-8877101 | SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH COMMON PARALLEL I/O PINS, TTL-COMP | N |
| 54F299 | 5962-8957301 | SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL, WITH THREE-STATE OUTPUTS | N |
| 54FCT299A | 5962-8686202 | SHIFT REGISTER, 8-BIT UNIVERSAL, TTL-COMPATIBLE WITH THREE-STATE OUTPUTS | 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 | G104 |
| 54ALS323 | 8302102 | SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH 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 |

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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 | | | |
| 54HC390 | 66308 | BINARY COUNTER, DUAL, WITH DIVIDE BY 2 AND DIVIDE BY 5 SECTIONS | G31 |
| 54LS390 | 7802601 | DECADE COUNTER, DUAL 4-BIT, WITH A AND B INPUTS | N |
| 54HC390 | 8600901 | BINARY COUNTER, DUAL, WITH DIVIDE BY 2 AND DIVIDE BY 5 SECTIONS | G31 |
| 54HC393 | 8410001 | BINARY COUNTER, DUAL 4-BIT | N |
| 54HCT393 | 5962-8989001 | BINARY COUNTER, DUAL 4-STAGE, TTL COMPATIBLE INPUTS | N |
| 54LS396 | 5962-9050301 | STORAGE REGISTER, OCTAL, LOW-POWER | N |
| 54LS399 | 8415401 | REGISTER, QUAD 2-PORT | N |
| 54FCT399 | 5962-8965201 | REGISTER, QUAD DUAL-PORT, TTL-COMPATIBLE | N |
| 54FCT399A | 5962-8965202 | REGISTER, QUAD DUAL-PORT, TTL-COMPATIBLE | 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 |
| 54HC4020 | 66311 | BINARY COUNTER, 14-STAGE RIPPLE | G100 |
| 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 |
| 54HCT4059 | 5962-8862401 | COUNTER, PROGRAMMABLE DIVIDE-BY-N, WITH TTL-COMPATIBLE INPUTS | N |
| 54HC4059 | 5962-8944501 | COUNTER, PROGRAMMABLE DIVIDE-BY-N | N |
| 54HC4060 | 5962-8768001 | BINARY COUNTER, 14-STAGE | G72 |
| 54HCT4060 | 5962-8977101 | BINARY COUNTER, 14-STAGE, WITH OSCILLATOR AND TTL COMPATIBLE INPUTS | N |
| 54ALS560 | 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 |
| 54F579 | 5962-8954501 | BINARY COUNTER, 8-BIT BIDIRECTIONAL, WITH THREE-STATE OUTPUTS | N |
| 54LS590 | 5962-8751701 | BINARY COUNTER, 8-BIT, WITH THREE-STATE OUTPUT REGISTERS | G87 |
| 54HC590 | 5962-8960301 | BINARY COUNTER, 8-BIT, WITH THREE-STATE OUTPUT REGISTERS | N |
| 54LS592 | 5962-8762101 | BINARY COUNTER, 8-BIT, WITH INPUT REGISTERS | G106 |
| 54HC595 | 66507 | SHIFT REGISTER, 8-BIT, WITH OUTPUT LATCHES | N |
| 54LS595 | 5962-8671701 | SHIFT REGISTER, 8-BIT, WITH THREE-STATE OUTPUTS | G109 |
| 54HC595 | 5962-8681601 | SHIFT REGISTER, 8-BIT, WITH OUTPUT LATCHES | N |
| 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 |
| 54LS670 | 7704201 | REGISTER FILE, 4 X 4, THREE-STATE OUTPUTS | G305 |
| 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 |

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 | | | |
| 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 |
| 54LS90 | 7603201 | DECADE COUNTER, 4-BIT | G15 |
| 54LS93 | 7700101 | DECADE COUNTER, 4-BIT | G25 |
| 54F198 | 5962-9050201 | SHIFT REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL | N |
| RAM 6 | | | |
| (SEE DWG) | 5962-8770302 | STATIC RAM, 256 X 9, WITH THREE-STATE OUTPUTS, 60 NS ACCESS TIME | B2304 |
| (SEE DWG) | 8102401 | STATIC RAM, 4K X 1 | B4096 |
| (SEE DWG) | 8102402 | STATIC RAM, 1K X 4 | B4096 |
| (SEE DWG) | 8103906 | STATIC RAM, 2K X 8, 90 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8103907 | STATIC RAM, 2K X 8, 120 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8103908 | STATIC RAM, 2K X 8, 200 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8201001 | DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 150 NS ACCESS TIME | B65536 |
| (SEE DWG) | 8201002 | DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 150 NS ACCESS TIME | B65536 |
| (SEE DWG) | 8201003 | DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 200 NS ACCESS TIME | B65536 |
| (SEE DWG) | 8201004 | DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 150 NS ACCESS TIME | B65536 |
| (SEE DWG) | 8201005 | DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 200 NS ACCESS TIME | B65536 |
| (SEE DWG) | 8201006 | DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 150 NS ACCESS TIME | B65536 |
| (SEE DWG) | 8201007 | DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 200 NS ACCESS TIME | B65536 |
| (SEE DWG) | 8201008 | DYNAMIC RAM, 64K X 1, THREE-STATE OUTPUTS, 120 NS ACCESS TIME | B65536 |
| (SEE DWG) | 8403601 | STATIC RAM, 2K X 8, 200 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8403602 | STATIC RAM, 2K X 8, 90 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8403603 | STATIC RAM, 2K X 8, 90 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8403604 | STATIC RAM, 2K X 8, 150 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8413201 | STATIC RAM, 16K X 1, 85 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8413202 | STATIC RAM, 16K X 1, 45 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8515201 | DYNAMIC RAM, 256K X 1, 150 NS ACCESS TIME | B262144 |
| (SEE DWG) | 8515202 | DYNAMIC RAM, 256K X 1, 200 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8552501 | STATIC RAM, 8K X 8, 150 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8552502 | STATIC RAM, 8K X 8, 120 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8552503 | STATIC RAM, 8K X 8, 100 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8552504 | STATIC RAM, 8K X 8, 70 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8552505 | STATIC RAM, 8K X 8, 55 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8670502 | STATIC RAM, 4K X 4, 25 NS ACCESS TIME | B16284 |

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) | 5962-8670503 | STATIC RAM, 4K X 4, 35 NS ACCESS TIME | B16284 |
| (SEE DWG) | 5962-8670504 | STATIC RAM, 4K X 4, 35 NS ACCESS TIME | B16284 |
| (SEE DWG) | 5962-8670506 | STATIC RAM, 4K X 4, 45 NS ACCESS TIME | B16284 |
| (SEE DWG) | 5962-8670507 | STATIC RAM, 4K X 4, 55 NS ACCESS TIME | B16284 |
| (SEE DWG) | 5962-8670508 | STATIC RAM, 4K X 4, 55 NS ACCESS TIME | B16284 |
| (SEE DWG) | 5962-8670509 | STATIC RAM, 4K X 4, 70 NS ACCESS TIME | B16284 |
| (SEE DWG) | 5962-8670510 | STATIC RAM, 4K X 4, 70 NS ACCESS TIME | B16284 |
| (SEE DWG) | 8515203 | DYNAMIC RAM, 256K X 1, 120 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8670501 | STATIC RAM, 4K X 4, 25 NS ACCESS TIME | B16284 |
| (SEE DWG) | 5962-8770301 | STATIC RAM, 256 X 9, WITH THREE-STATE OUTPUTS, 70 NS ACCESS TIME | B2304 |
| (SEE DWG) | 5962-8770303 | STATIC RAM, 256 X 9, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME | B2304 |
| (SEE DWG) | 8403606 | STATIC RAM, 2K X 8, 70 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8403607 | STATIC RAM, 2K X 8, 120 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8403608 | STATIC RAM, 2K X 8, 45 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8403609 | STATIC RAM, 2K X 8, 45 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8403610 | STATIC RAM, 2K X 8, 55 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8403611 | STATIC RAM, 2K X 8, 55 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8403616 | STATIC RAM, 2K X 8, 90 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8403612 | STATIC RAM, 2K X 8, 70 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8403613 | STATIC RAM, 2K X 8, 70 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8403614 | STATIC RAM, 2K X 8, 35 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8403615 | STATIC RAM, 2K X 8, 120 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8102403 | STATIC RAM, 4K X 1 | B4096 |
| (SEE DWG) | 8102404 | STATIC RAM, 1K X 4 | B4096 |
| (SEE DWG) | 8102405 | STATIC RAM, 4K X 1 | B4096 |
| (SEE DWG) | 8102406 | STATIC RAM, 1K X 4 | N |
| (SEE DWG) | 5962-8751301 | STATIC RAM, 4K X 1, 25 NS ACCESS TIME | B4096 |
| (SEE DWG) | 5962-8751302 | STATIC RAM, 4K X 1, 35 NS ACCESS TIME | B4096 |
| (SEE DWG) | 5962-8751303 | STATIC RAM, 4K X 1, 45 NS ACCESS TIME | B4096 |
| (SEE DWG) | 5962-8751304 | STATIC RAM, 1K X 4, 25 NS ACCESS TIME | B4096 |
| (SEE DWG) | 5962-8751305 | STATIC RAM, 1K X 4, 35 NS ACCESS TIME | B4096 |
| (SEE DWG) | 5962-8751306 | STATIC RAM, 1K X 4, 45 NS ACCESS TIME | B4096 |
| (SEE DWG) | 5962-8552506 | STATIC RAM, 8K X 8, 45 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8552507 | STATIC RAM, 8K X 8, 35 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8552508 | STATIC RAM, 8K X 8, 35 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8552509 | STATIC RAM, 8K X 8, 45 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8552510 | STATIC RAM, 8K X 8, 55 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8552511 | STATIC RAM, 8K X 8, 70 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8552512 | STATIC RAM, 8K X 8, 100 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8552513 | STATIC RAM, 8K X 8, 120 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8859501 | STATIC RAM, 256 X 4, 35 NS ACCESS TIME | B1024 |
| (SEE DWG) | 5962-8670511 | STATIC RAM, 4K X 4, 25 NS ACCESS TIME | B16284 |
| (SEE DWG) | 5962-8670512 | STATIC RAM, 4K X 4, 35 NS ACCESS TIME | B16284 |
| (SEE DWG) | 5962-8670513 | STATIC RAM, 4K X 4, 45 NS ACCESS TIME | B16284 |
| (SEE DWG) | 5962-8670514 | STATIC RAM, 4K X 4, 55 NS ACCESS TIME | B16284 |
| (SEE DWG) | 5962-8670515 | STATIC RAM, 4K X 4, 70 NS ACCESS TIME | B16284 |
| (SEE DWG) | 5962-8687501 | STATIC RAM, 1K X 8, DUAL PORT (MASTER), 90 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8687502 | STATIC RAM, 1K X 8, DUAL PORT (MASTER), 70 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8687503 | STATIC RAM, 1K X 8, DUAL PORT (MASTER), 55 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8687504 | STATIC RAM, 1K X 8, DUAL PORT (MASTER), 45 NS ACCESS TIME | B8192 |

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) | 5962-8687505 | STATIC RAM, 1K X 8, DUAL PORT (MASTER), 90 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8687506 | STATIC RAM, 1K X 8, DUAL PORT (MASTER), 70 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8687507 | STATIC RAM, 1K X 8, DUAL PORT (MASTER), 55 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8687508 | STATIC RAM, 1K X 8, DUAL PORT (MASTER), 45 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8687509 | STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 90 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8687510 | STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 70 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8687511 | STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 55 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8687512 | STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 45 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8687513 | STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 90 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8687514 | STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 70 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8687515 | STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 55 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8687516 | STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 45 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8687517 | STATIC RAM, 1K X 8, DUAL PORT (MASTER), 35 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8687518 | STATIC RAM, 1K X 8, DUAL PORT (SLAVE), 35 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8855201 | STATIC RAM, 32K X 8, LOW-POWER, 100 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8855202 | STATIC RAM, 32K X 8, LOW-POWER, 70 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8855203 | STATIC RAM, 32K X 8, LOW-POWER, 55 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8855204 | STATIC RAM, 32K X 8, LOW-POWER, 45 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8601501 | STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 35 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8601502 | STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 35 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8601503 | STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8601504 | STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8601505 | STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8601506 | STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8601507 | STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 70 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8601508 | STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 70 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685901 | STATIC RAM, 16K X 4, 85 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685902 | STATIC RAM, 16K X 4, 85 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685903 | STATIC RAM, 16K X 4, 70 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685904 | STATIC RAM, 16K X 4, 70 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685905 | STATIC RAM, 16K X 4, 55 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685906 | STATIC RAM, 16K X 4, 55 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685907 | STATIC RAM, 16K X 4, 45 NS ACCESS TIME | B65536 |

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 <u>1/</u> |
|--------------------------------|--|--|--|
| RAM 6 - Continued | | | |
| (SEE DWG) | 5962-8685908 | STATIC RAM, 16K X 4, 45 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685909 | STATIC RAM, 16K X 4, 35 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685910 | STATIC RAM, 16K X 4, 35 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685911 | STATIC RAM, 16K X 4, 70 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685912 | STATIC RAM, 16K X 4, 70 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685913 | STATIC RAM, 16K X 4, 55 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685914 | STATIC RAM, 16K X 4, 55 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685915 | STATIC RAM, 16K X 4, 45 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685916 | STATIC RAM, 16K X 4, 45 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685917 | STATIC RAM, 16K X 4, 35 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685918 | STATIC RAM, 16K X 4, 35 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685919 | STATIC RAM, 16K X 4, 55 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685920 | STATIC RAM, 16K X 4, 55 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685921 | STATIC RAM, 16K X 4, 45 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685922 | STATIC RAM, 16K X 4, 45 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685923 | STATIC RAM, 16K X 4, 35 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8685924 | STATIC RAM, 16K X 4, 35 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8859401 | STATIC RAM, 256 X 4, 15 NS ACCESS TIME | B1024 |
| (SEE DWG) | 5962-8859402 | STATIC RAM, 256 X 4, 35 NS ACCESS TIME | B1024 |
| (SEE DWG) | 5962-8859403 | STATIC RAM, 256 X 4, 25 NS ACCESS TIME | B1024 |
| (SEE DWG) | 5962-8854501 | STATIC RAM, 64K X 4, LOW-POWER, 35 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8854502 | STATIC RAM, 64K X 4, LOW-POWER, 45 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8854503 | STATIC RAM, 64K X 4, LOW-POWER, 55 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8854504 | STATIC RAM, 64K X 4, LOW-POWER, 70 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8858801 | STATIC RAM, 1K X 4, WITH RESET, 35 NS ACCESS TIME | B4096 |
| (SEE DWG) | 5962-8858802 | STATIC RAM, 1K X 4, WITH RESET, 25 NS ACCESS TIME | B4096 |
| (SEE DWG) | 5962-8858803 | STATIC RAM, 1K X 4, WITH RESET, 15 NS ACCESS TIME | B4096 |
| (SEE DWG) | 8413203 | STATIC RAM, 16K X 1, 70 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8413204 | STATIC RAM, 16K X 1, 35 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8413205 | STATIC RAM, 16K X 1, 35 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8413206 | STATIC RAM, 16K X 1, 25 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8413207 | STATIC RAM, 16K X 1, 25 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8413208 | STATIC RAM, 16K X 1, 55 NS ACCESS TIME | B16384 |
| (SEE DWG) | 5962-8858702 | STATIC RAM, 4K X 1, 35 NS ACCESS TIME | B4096 |
| (SEE DWG) | 5962-8866201 | STATIC RAM, 32K X 8, 100 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8866202 | STATIC RAM, 32K X 8, 70 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8866203 | STATIC RAM, 32K X 8, 55 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8866204 | STATIC RAM, 32K X 8, 45 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8854401 | STATIC RAM, 256K X 1, LOW-POWER, 35 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8854402 | STATIC RAM, 256K X 1, LOW-POWER, 45 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8854403 | STATIC RAM, 256K X 1, LOW-POWER, 55 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8854404 | STATIC RAM, 256K X 1, LOW-POWER, 70 NS ACCESS TIME | B262144 |
| (SEE DWG) | 8413209 | STATIC RAM, 16K X 1, 45 NS ACCESS TIME | B16384 |
| (SEE DWG) | 5962-8872501 | STATIC RAM, 256K X 1, 35 NS ACCESS TIME | B262144 |
| (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 | B32768 |
| (SEE DWG) | 5962-8866502 | STATIC RAM, 2K X 16, DUAL PORT (SLAVE), 90 NS ACCESS TIME | B32768 |
| (SEE DWG) | 5962-8866503 | STATIC RAM, 2K X 16, DUAL PORT (MASTER), 70 NS ACCESS TIME | B32768 |
| (SEE DWG) | 5962-8866504 | STATIC RAM, 2K X 16, DUAL PORT (SLAVE), 70 NS ACCESS TIME | B32768 |

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) | 5962-8861001 | 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) | 5962-8959801 | STATIC RAM, 128K X 8, LOW-POWER, 120 NS ACCESS TIME | 81048576 |
| (SEE DWG) | 5962-8959802 | STATIC RAM, 128K X 8, LOW-POWER, 100 NS ACCESS TIME | 81048576 |
| (SEE DWG) | 5962-8959803 | STATIC RAM, 128K X 8, LOW-POWER, 85 NS ACCESS TIME | 81048576 |
| (SEE DWG) | 5962-8959804 | STATIC RAM, 128K X 8, LOW-POWER, 70 NS ACCESS TIME | 81048576 |
| (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) | 5962-8969101 | STATIC RAM, 8K X 8, 25 NS ACCESS TIME | N |
| (SEE DWG) | 5962-8969102 | STATIC RAM, 8K X 8, 25 NS ACCESS TIME | N |
| (SEE DWG) | 5962-8969104 | STATIC RAM, 8K X 8, 15 NS ACCESS TIME | N |
| (SEE DWG) | 5962-8969106 | STATIC RAM, 8K X 8, 15 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 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 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) | 5962-8969106 | STATIC RAM, 8K X 8 | 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 |
| 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 |
| 2114 | 23802 | STATIC RAM, 1K X 4, WITH THREE-STATE OUTPUTS | B4096 |
| 2114A | 23804 | STATIC RAM, 1K X 4 | B4096 |
| 2117 | 24001 | DYNAMIC RAM, 16K X 1, WITH THREE-STATE OUTPUTS | B16384 |
| 2117 | 24002 | DYNAMIC RAM, 16K X 1, 200 NS ACCESS TIME | B16384 |
| 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 |
| 2169-40 | 5962-8608106 | STATIC RAM, 4K X 4, 40 NS ACCESS TIME | B16384 |
| 2169-50 | 5962-8608103 | STATIC RAM, 4K X 4, 50 NS ACCESS TIME | B16384 |
| 2169-70 | 5962-8608104 | STATIC RAM, 4K X 4, 70 NS ACCESS TIME | B16384 |
| 27LS00 | 8602001 | STATIC RAM, 256 X 1, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME | B256 |
| 27LS00A | 8602002 | STATIC RAM, 256 X 1, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME | B256 |
| 27LS01 | 8602003 | STATIC RAM, 256 X 1, WITH OPEN-COLLECTOR OUTPUTS, 55 NS ACCESS TIME | B256 |
| 27LS01A | 8602004 | STATIC RAM, 256 X 1, WITH OPEN-COLLECTOR OUTPUTS, 45 NS ACCESS TIME | B256 |
| 27S02 | 8605101 | STATIC RAM, 16 X 4, WITH OPEN COLLECTOR OUTPUTS, 50 NS ACCESS TIME | B64 |
| 27S02A | 8605102 | STATIC RAM, 16 X 4, WITH OPEN COLLECTOR OUTPUTS, 30 NS ACCESS TIME | B64 |
| 27LS02 | 8605103 | STATIC RAM, 16 X 4, LOW-POWER, WITH OPEN COLLECTOR OUTPUTS, 65 NS ACCESS TIME | B64 |
| 27S02-20 | 8605107 | STATIC RAM, 16 X 4, WITH OPEN COLLECTOR OUTPUTS, 20 NS ACCESS TIME | B64 |

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 | | | |
| 27S03 | 8605104 | STATIC RAM, 16 X 4, WITH THREE-STATE OUTPUTS, 50 NS ACCESS TIME | G64 |
| 27S03A | 8605105 | STATIC RAM, 16 X 4, WITH THREE-STATE OUTPUTS, 30 NS ACCESS TIME | B64 |
| 27LS03 | 8605106 | STATIC RAM, 16 X 4, LOW-POWER, WITH THREE-STATE OUTPUTS, 65 NS ACCESS TIME | B64 |
| 27S03-20 | 8605108 | STATIC RAM, 16 X 4, WITH THREE-STATE OUTPUTS, 20 NS ACCESS TIME | B64 |
| 27LS03-30 | 8605109 | STATIC RAM, 16 X 4, LOW-POWER, WITH THREE-STATE OUTPUTS, 30 NS ACCESS TIME | B64 |
| 27S07A | 7801501 | STATIC RAM, 16 X 4, NONINVERTING, THREE-STATE | B64 |
| 27S07 | 7801503 | STATIC RAM, 16 X 4, NONINVERTING, THREE-STATE | B64 |
| 27LS07 | 7801504 | STATIC RAM, 16 X 4, LOW-POWER NONINVERTING, THREE-STATE | B64 |
| 27S07-20 | 7801505 | STATIC RAM, 16 X 4, NONINVERTING, THREE-STATE | B64 |
| 27LS07-30 | 7801506 | STATIC RAM, 16 X 4, LOW-POWER NONINVERTING, THREE-STATE | B64 |
| 29705A | 8602501 | STATIC RAM, 16 X 4, 2-PORT | B64 |
| MT4067-10 | 5962-8767604 | DYNAMIC RAM, 64K X 4, 100 NS ACCESS TIME | B262144 |
| MT4067-12 | 5962-8767601 | DYNAMIC RAM, 64K X 4, 120 NS ACCESS TIME | B262144 |
| MT4067-15 | 5962-8767602 | DYNAMIC RAM, 64K X 4, 150 NS ACCESS TIME | B262144 |
| MT4067-20 | 5962-8767603 | DYNAMIC RAM, 64K X 4, 200 NS ACCESS TIME | B262144 |
| 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 |
| 4167 | 8200701 | STATIC RAM, 16K X 1, 100 NS ACCESS TIME | B16384 |
| SMJ4461 | 5962-8956001 | RAM, 64K X 4, MULTI-PORT VIDEO | N |
| 45H16 | 24001 | DYNAMIC RAM, 16K X 1, WITH THREE-STATE OUTPUTS | B16384 |
| 45H16 | 24002 | DYNAMIC RAM, 16K X 1, 200 NS ACCESS TIME | B16384 |
| CMH5104 | 24505 | STATIC RAM, 4K X 1 | B4096 |
| CMH5114 | 24506 | STATIC RAM, 1K X 4 | B4096 |
| 51C67 | 29106 | STATIC RAM, 16K X 1, 45 NS ACCESS TIME | B16384 |
| 51C98-35 | 61301 | STATIC RAM, 16K X 4 | B65536 |
| 51C98-45 | 61302 | STATIC RAM, 16K X 4 | B65536 |
| 51C98-55 | 61303 | STATIC RAM, 16K X 4 | B65536 |
| MT5C2564 | 29303 | STATIC RAM, 64K X 4, 45 NS ACCESS TIME | B262144 |
| MT5C2564 | 29304 | STATIC RAM, 64K X 4, 35 NS ACCESS TIME | B262144 |
| MT5C2564 | 29311 | STATIC RAM, 64K X 4, 25 NS ACCESS TIME | B262144 |
| MT5C2565 | 29312 | STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 25 NS ACCESS TIME | B262144 |
| MT5C2565 | 29314 | STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 45 NS ACCESS TIME | B262144 |
| MT5C2565 | 29315 | STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 35 NS ACCESS TIME | B262144 |
| 54S189 | 7801502 | STATIC RAM, 16 X 4, INVERTING, THREE-STATE | B64 |
| 6116 | 29105 | STATIC RAM, 2K X 8, 200 NS ACCESS TIME | B16384 |
| 6116 | 29101 | STATIC RAM, 2K X 8, 150 NS ACCESS TIME | B16384 |
| 6504RH | 24503 | STATIC RAM, 4K X 1 | B4096 |
| 6514RH | 24504 | STATIC RAM, 1K X 4 | B4096 |
| 6516-1 | 61001 | STATIC RAM, 8K X 8, SELECTABLE MODE, 35 NS ACCESS TIME | B16384 |
| 6516-2 | 61002 | STATIC RAM, 8K X 8, SELECTABLE MODE, 45 NS ACCESS TIME | B16384 |
| 65162 | 29101 | STATIC RAM, 2K X 8, 150 NS ACCESS TIME | B16384 |
| 6516-3 | 61003 | STATIC RAM, 8K X 8, SELECTABLE MODE, 55 NS ACCESS TIME | B16384 |
| 65C262RH | 29107 | STATIC RAM, RAD-HARD, 16K X 1, WITH THREE-STATE OUTPUTS | B16384 |
| 65T262RH | 29108 | STATIC RAM, RAD-HARD, 16K X 1, WITH THREE-STATE OUTPUTS | B16384 |
| 65643 | 29206 | STATIC RAM, 8K X 8, SELECTABLE MODE | B65536 |
| 7132SA-45 | 5962-8700201 | STATIC RAM, 2K X 8, DUAL PORT (MASTER), 45 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 | | | |
| 7132LA-45 | 5962-8700205 | STATIC RAM, 2K X 8, DUAL PORT (MASTER), 45 NS ACCESS TIME | B16384 |
| 7132SA-55 | 5962-8700204 | STATIC RAM, 2K X 8, DUAL PORT (MASTER), 55 NS ACCESS TIME | B16384 |
| 7132LA-55 | 5962-8700208 | STATIC RAM, 2K X 8, DUAL PORT (MASTER), 55 NS ACCESS TIME | B16384 |
| 7132SA-70 | 5962-8700203 | STATIC RAM, 2K X 8, DUAL PORT (MASTER), 70 NS ACCESS TIME | B16384 |
| 7132LA-70 | 5962-8700207 | STATIC RAM, 2K X 8, DUAL PORT (MASTER), 70 NS ACCESS TIME | B16384 |
| 7132SA-90 | 5962-8700202 | STATIC RAM, 2K X 8, DUAL PORT (MASTER), 90 NS ACCESS TIME | B16384 |
| 7132LA-90 | 5962-8700206 | STATIC RAM, 2K X 8, DUAL PORT (MASTER), 90 NS ACCESS TIME | B16384 |
| 7142SA-45 | 5962-8700209 | STATIC RAM, 2K X 8, DUAL PORT (SLAVE), 45 NS ACCESS TIME | B16384 |
| 7142LA-45 | 5962-8700213 | STATIC RAM, 2K X 8, DUAL PORT (SLAVE), 45 NS ACCESS TIME | B16384 |
| 7142SA-55 | 5962-8700212 | STATIC RAM, 2K X 8, DUAL PORT (SLAVE), 55 NS ACCESS TIME | B16384 |
| 7142LA-55 | 5962-8700216 | STATIC RAM, 2K X 8, DUAL PORT (SLAVE), 55 NS ACCESS TIME | B16384 |
| 7142SA-70 | 5962-8700211 | STATIC RAM, 2K X 8, DUAL PORT (SLAVE), 70 NS ACCESS TIME | B16384 |
| 7142LA-70 | 5962-8700215 | STATIC RAM, 2K X 8, DUAL PORT (SLAVE), 70 NS ACCESS TIME | B16384 |
| 7142SA-90 | 5962-8700210 | STATIC RAM, 2K X 8, DUAL PORT (SLAVE), 90 NS ACCESS TIME | B16384 |
| 7142LA-90 | 5962-8700214 | STATIC RAM, 2K X 8, DUAL PORT (SLAVE), 90 NS ACCESS TIME | B16384 |
| 7187S45 | 29202 | STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME | B65536 |
| 7187S55 | 29201 | STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME | B65536 |
| 7187L55 | 29203 | STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME | B65536 |
| 7187L70 | 29204 | STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 70 NS ACCESS TIME | B65536 |
| 7C190 | 5962-8969401 | STATIC RAM, 16 X 4, 25 NS ACCESS TIME | N |
| 7C194 | 29303 | STATIC RAM, 64K X 4, 45 NS ACCESS TIME | B262144 |
| 7C194 | 29304 | STATIC RAM, 64K X 4, 35 NS ACCESS TIME | B262144 |
| 7C194 | 29311 | STATIC RAM, 64K X 4, 25 NS ACCESS TIME | B262144 |
| 7C196 | 29305 | STATIC RAM, 64K X 4, WITH OUTPUT-ENABLE, 45 NS ACCESS TIME | B262144 |
| 7C196 | 29306 | STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 35 NS ACCESS TIME | B262144 |
| 7C196 | 29316 | STATIC RAM, 64K X 4, WITH OUTPUT ENABLE, 25 NS ACCESS TIME | B262144 |
| 8155 | 5962-8759301 | STATIC RAM, 256 X 8, WITH I/O PORTS AND TIMER | B2048 |
| 8156 | 5962-8759302 | STATIC RAM, 256 X 8, WITH I/O PORTS AND TIME | B2048 |
| 82S10 | 23107 | STATIC RAM, 1K X 1, WITH OPEN-COLLECTOR OUTPUTS, 45 NS ACCESS TIME | B1024 |
| 8X350 | 5962-8605201 | STATIC RAM, 256 X 8 | B2048 |
| 9114B | 23802 | STATIC RAM, 1K X 4, WITH THREE-STATE OUTPUTS | B4096 |
| 9114D | 23804 | STATIC RAM, 1K X 4 | B4096 |

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 | | | |
| 9150-25 | 5962-8759201 | STATIC RAM, 1K X 4, 25 NS ACCESS TIME | B4048 |
| 9150-35 | 5962-8759202 | STATIC RAM, 1K X 4, 35 NS ACCESS TIME | B4048 |
| 9150-45 | 5962-8759203 | STATIC RAM, 1K X 4, 45 NS ACCESS TIME | B4048 |
| 93412 | 23109 | STATIC RAM, 256 X 4, WITH OPEN-COLLECTOR OUTPUTS, 60 NS ACCESS TIME | B1024 |
| 93L412 | 23111 | STATIC RAM, 256 X 4, LOW-POWER, WITH OPEN-COLLECTOR OUTPUTS, 75 NS ACCESS TIME | B1024 |
| 93415 | 23105 | STATIC RAM, 1K X 1, WITH OPEN-COLLECTOR OUTPUTS, 60 NS ACCESS TIME | B1024 |
| 93415 | 23107 | STATIC RAM, 1K X 1, WITH OPEN-COLLECTOR OUTPUTS, 45 NS ACCESS TIME | B1024 |
| 93419 | 23201 | STATIC RAM, 64 X 9, WITH OPEN-COLLECTOR OUTPUTS | B576 |
| 99C641-45 | 29202 | STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME | B65536 |
| 99C641-55 | 29201 | STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME | B65536 |
| 99CL641-55 | 29203 | STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME | B65536 |
| 99CL641-70 | 29204 | STATIC RAM, 64K X 1, WITH THREE-STATE OUTPUTS, 70 NS ACCESS TIME | B65536 |
| ROM/PROM/PAL 7 | | | |
| (SEE SPEC) | 26501 | PROM, ELECTR. ERASABLE, 64K X 8, 300 NS ACCESS TIME | B524288 |
| (SEE SPEC) | 26502 | PROM, ELECTR. ERASABLE, 64K X 8, 300 NS ACCESS TIME | B524288 |
| (SEE SPEC) | 26503 | PROM, ELECTR. ERASABLE, 64K X 8, 250 NS ACCESS TIME | B524288 |
| (SEE SPEC) | 26504 | PROM, ELECTR. ERASABLE, 64K X 8, 250 NS ACCESS TIME | B524288 |
| (SEE SPEC) | 26505 | PROM, ELECTR. ERASABLE, 64K X 8, 200 NS ACCESS TIME | B524288 |
| (SEE SPEC) | 26506 | PROM, ELECTR. ERASABLE, 64K X 8, 200 NS ACCESS TIME | B524288 |
| (SEE SPEC) | 26507 | PROM, ELECTR. ERASABLE, 64K X 8, 150 NS ACCESS TIME | B524288 |
| (SEE SPEC) | 26508 | PROM, ELECTR. ERASABLE, 64K X 8, 150 NS ACCESS TIME | B524288 |
| (SEE SPEC) | 26509 | PROM, ELECTR. ERASABLE, 64K X 8, 120 NS ACCESS TIME | B524288 |
| (SEE SPEC) | 26510 | PROM, ELECTR. ERASABLE, 64K X 8, 120 NS ACCESS TIME | B524288 |
| (SEE DWG) | 7801601 | PROM, 512 X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME | B4096 |
| (SEE DWG) | 8001201 | PROM, UV ERASABLE, 4K X 8, 450 NS ACCESS TIME | B32768 |
| (SEE DWG) | 8001203 | PROM, UV ERASABLE, 4K X 8, 250 NS ACCESS TIME | B32768 |
| (SEE DWG) | 8001204 | PROM, UV ERASABLE, 4K X 8, 450 NS ACCESS TIME | B32768 |
| (SEE DWG) | 8200801 | PROM, 4K X 8, WITH THREE-STATE OUTPUTS, 95 NS ACCESS TIME | B32768 |
| (SEE DWG) | 8200901 | PROM, 8K X 8, TS, 100 NS ACCESS TIME | B65536 |
| (SEE DWG) | 8200902 | PROM, 8K X 8, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME | B65536 |
| (SEE DWG) | 8202503 | PROM, UV ERASABLE, 16K X 8, 200 NS ACCESS TIME | B131072 |
| (SEE DWG) | 8202504 | PROM, UV ERASABLE, 16K X 8, 300 NS ACCESS TIME | B131072 |
| (SEE DWG) | 8202505 | PROM, UV ERASABLE, 16K X 8, 250 NS ACCESS TIME | B131072 |
| (SEE DWG) | 8202506 | PROM, UV ERASABLE, 16K X 8, TS, 150 NS ACCESS TIME | B131072 |
| (SEE DWG) | 8202507 | PROM, UV ERASABLE, 16K X 8, 100 NS ACCESS TIME | B131072 |
| (SEE DWG) | 5962-8606301 | PROM, UV ERASABLE, 32K X 8, 200 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8606302 | PROM, UV ERASABLE, 32K X 8, 250 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8606303 | PROM, UV ERASABLE, 32K X 8, 300 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8683001 | PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8683002 | PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8683005 | PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8683006 | PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME | B65536 |

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) | 5962-8683007 | PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8765002 | PROM, UV ERASABLE, 2K X 8, 55 NS ACCESS TIME | B16384 |
| (SEE DWG) | 7802201 | PROM, UV ERASABLE, 2K X 8, 450 NS ACCESS TIME | B16384 |
| (SEE DWG) | 5962-8764901 | PROM, ELECTR. ERASABLE, 32K X 8, 350 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8764902 | PROM, ELECTR. ERASABLE, 32K X 8, 300 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8774401 | PROM, UV ERASABLE, 64K X 16, 200 NS ACCESS TIME | B1048576 |
| (SEE DWG) | 5962-8774402 | PROM, UV ERASABLE, 64K X 16, 250 NS ACCESS TIME | B1048576 |
| (SEE DWG) | 8202509 | PROM, UV ERASABLE, 16K X 8, 300 NS ACCESS TIME | B131072 |
| (SEE DWG) | 8001208 | PROM, UV ERASABLE, 4K X 8, 200 NS ACCESS TIME | B32768 |
| (SEE DWG) | 8001209 | PROM, UV ERASABLE, 4K X 8, 250 NS ACCESS TIME | B32768 |
| (SEE DWG) | 8001210 | PROM, UV ERASABLE, 4K X 8, 300 NS ACCESS TIME | B32768 |
| (SEE DWG) | 8001211 | PROM, UV ERASABLE, 4K X 8, 450 NS ACCESS TIME | B32768 |
| (SEE DWG) | 8200903 | PROM, 8K X 8, TS, 45 NS ACCESS TIME | B65536 |
| (SEE DWG) | 7802205 | PROM, UV ERASABLE, 2K X 8, 150 NS ACCESS TIME | B16384 |
| (SEE DWG) | 7802206 | PROM, UV ERASABLE, 2K X 8, 200 NS ACCESS TIME | B16384 |
| (SEE DWG) | 7802207 | PROM, UV ERASABLE, 2K X 8, 250 NS ACCESS TIME | B16384 |
| (SEE DWG) | 7802208 | PROM, UV ERASABLE, 2K X 8, 300 NS ACCESS TIME | B16384 |
| (SEE DWG) | 7802209 | PROM, UV ERASABLE, 2K X 8, 450 NS ACCESS TIME | B16384 |
| (SEE DWG) | 8200802 | PROM, 4K X 8, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME | B32768 |
| (SEE DWG) | 8200803 | PROM, 4K X 8, TS, 40 NS ACCESS TIME | B32768 |
| (SEE DWG) | 5962-8766107 | PROM, UV ERASABLE, 16K X 8, 300 NS ACCESS TIME | B131072 |
| (SEE DWG) | 5962-8766101 | PROM, UV ERASABLE, 16K X 8, 90 NS ACCESS TIME | B131072 |
| (SEE DWG) | 5962-8766102 | PROM, UV ERASABLE, 16K X 8, 120 NS ACCESS TIME | B131072 |
| (SEE DWG) | 5962-8766103 | PROM, UV ERASABLE, 16K X 8, 150 NS ACCESS TIME | B131072 |
| (SEE DWG) | 5962-8766104 | PROM, UV ERASABLE, 16K X 8, 170 NS ACCESS TIME | B131072 |
| (SEE DWG) | 5962-8766105 | PROM, UV ERASABLE, 16K X 8, 200 NS ACCESS TIME | B131072 |
| (SEE DWG) | 5962-8766106 | PROM, UV ERASABLE, 16K X 8, 250 NS ACCESS TIME | B131072 |
| (SEE DWG) | 5962-8765001 | PROM, UV ERASABLE, 2K X 8, 50 NS ACCESS TIME | B16384 |
| (SEE DWG) | 7801602 | PROM, 512 X 8, THREE-STATE, 45 NS ACCESS TIME | B4096 |
| (SEE DWG) | 7902402 | PROM, 1K X 8, POWER SWITCHED, 75 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8764903 | PROM, ELECTR. ERASABLE, 32K X 8, 250 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8606304 | PROM, UV ERASABLE, 32K X 8, 170 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8606305 | PROM, UV ERASABLE, 32K X 8, 150 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8606306 | PROM, UV ERASABLE, 32K X 8, 120 NS ACCESS TIME | B262144 |
| (SEE DWG) | 5962-8606307 | PROM, UV ERASABLE, 32K X 8, 90 NS ACCESS TIME | B262144 |
| (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 | B65536 |
| (SEE DWG) | 5962-8751502 | PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8751503 | PROM, UV ERASABLE, 8K X 8, 70 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8751504 | PROM, UV ERASABLE, 8K X 8, 90 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8751505 | PROM, UV ERASABLE, 8K X 8, 45 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8751506 | PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME | B65536 |
| (SEE DWG) | 5962-8765101 | PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME | B8192 |
| (SEE DWG) | 5962-8851801 | PROM, 512 X 8 REGISTERED, 30 NS ACCESS TIME | B4096 |
| (SEE DWG) | 5962-8851802 | PROM, 512 X 8, REGISTERED, 35 NS ACCESS TIME | B4096 |
| (SEE DWG) | 5962-8851803 | PROM, 512 X 8; REGISTERED, 40 NS ACCESS TIME | B4096 |

See footnotes at end of standard.

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TABLE 11. 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) | 5962-8852501 | PROM, ELECTR. ERASABLE, 32K X 8, 350 NS ACCESS TIME | 8262144 |
| (SEE DWG) | 5962-8852502 | PROM, ELECTR. ERASABLE, 32K X 8, 300 NS ACCESS TIME | 8262144 |
| (SEE DWG) | 5962-8852503 | PROM, ELECTR. ERASABLE, 32K X 8, 250 NS ACCESS TIME | 8262144 |
| (SEE DWG) | 5962-8852504 | PROM, ELECTR. ERASABLE, 32K X 8, 200 NS ACCESS TIME | 8262144 |
| (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) | 5962-8751401 | PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME | 865536 |
| (SEE DWG) | 5962-8751402 | PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME | 865536 |
| (SEE DWG) | 5962-8751403 | PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME | 865536 |
| (SEE DWG) | 5962-8751404 | PROM, ELECTR. ERASABLE, 8K X 8, 200 NS ACCESS TIME | 865536 |
| (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) | 5962-8751423 | PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME | 865536 |
| (SEE DWG) | 5962-8751424 | PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME | 865536 |
| (SEE DWG) | 5962-8751425 | PROM, ELECTR. ERASABLE, 8K X 8, 250 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 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 | 832768 |
| (SEE DWG) | 5962-8873501 | PROM, UV ERASABLE, 2K X 8 REGISTERED, 45 NS ACCESS TIME | 816384 |
| (SEE DWG) | 5962-8873502 | PROM, UV ERASABLE, 2K X 8 REGISTERED, 35 NS ACCESS TIME | 816384 |
| (SEE DWG) | 5962-8873503 | PROM, UV ERASABLE, 2K X 8, REGISTERED, 35 NS ACCESS TIME | 816384 |
| (SEE DWG) | 5962-8873504 | PROM, UV ERASABLE, 2K X 8, REGISTERED, 25 NS ACCESS TIME | 816384 |
| (SEE DWG) | 5962-8867601 | PROM, ELECTR. ERASABLE, 2K X 8, 90 NS ACCESS TIME | 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/ |
|--------------------------------|--|---|---|
| ROM/PROM/PAL 7 - Continued | | | |
| (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) | 5962-8863501 | 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) | 5962-8961401 | PROM, UV ERASABLE, 128K X 8, 300 NS ACCESS TIME | N |
| (SEE DWG) | 5962-8961402 | PROM, UV ERASABLE, 128K X 8, 250 NS ACCESS TIME | N |
| (SEE DWG) | 5962-8961403 | PROM, UV ERASABLE, 128K X 8, 200 NS ACCESS TIME | N |
| (SEE DWG) | 5962-8961404 | PROM, UV ERASABLE, 128K X 8, 170 NS ACCESS TIME | N |
| (SEE DWG) | 5962-8961405 | PROM, UV ERASABLE, 128K X 8, 150 NS ACCESS TIME | N |
| (SEE DWG) | 5962-8961406 | 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) | 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 DWG) | 5962-8966701 | PROM, ELECTR. ERASABLE, 2K X 8 | N |
| (SEE DWG) | 5962-8959001 | PROM, ELECTR. ERASABLE, 512 X 8 | N |
| 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 |
| PAL10H8 | 8103501 | PROG. ARRAY LOGIC, 10-INPUT 8-OUTPUT AND-OR | G34 |
| PAL10L8 | 8103506 | PROG. ARRAY LOGIC, 10-INPUT 8-OUTPUT AND-OR-INVERT | G34 |
| PAL10H8A | 8103510 | PROG. ARRAY LOGIC, 16-INPUT 2-OUTPUT AND-OR | G34 |
| PAL10L8A | 8103514 | 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 |
| PAL12L10 | 5962-8680402 | PROG. ARRAY LOGIC, 12-INPUT 10-OUTPUT AND-OR-INVERT | G247 |
| 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 |
| PAL12H6 | 8103502 | PROG. ARRAY LOGIC, 12-INPUT 6-OUTPUT AND-OR | G36 |
| PAL12L6 | 8103507 | PROG. ARRAY LOGIC, 12-INPUT 6-OUTPUT AND-OR-INVERT | G34 |

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 | | | |
| PAL12H6A | 8103511 | PROG. ARRAY LOGIC, 12-INPUT 6-OUTPUT AND-OR | G36 |
| PAL12L6A | 8103515 | 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 |
| 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 |
| PAL14H4 | 8103503 | PROG. ARRAY LOGIC, 14-INPUT 4-OUTPUT AND-OR | G34 |
| PAL14L4 | 8103508 | PROG. ARRAY LOGIC, 14-INPUT 4-OUTPUT AND-OR-INVERT | G34 |
| PAL14H4A | 8103512 | PROG. ARRAY LOGIC, 14-INPUT 4-OUTPUT AND-OR | G34 |
| PAL14L4A | 8103516 | 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 |
| PAL14L8 | 5962-8680403 | PROG. ARRAY LOGIC, 14-INPUT 8-OUTPUT AND-OR-INVERT | G247 |
| 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 |
| 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 |
| 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 |
| PAL16H2 | 8103504 | PROG. ARRAY LOGIC, 16-INPUT 2-OUTPUT AND-OR | G34 |
| PAL16L2 | 8103509 | PROG. ARRAY LOGIC, AND-OR-INVERT | G34 |
| PAL16H2A | 8103513 | PROG. ARRAY LOGIC, 16-INPUT 2-OUTPUT AND-OR | G34 |
| PAL16L2A | 8103517 | 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 |
| PAL16R4A | 8103610 | PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT 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 |
| PAL16R4A-2 | 8103614 | PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR | N |
| PAL16R4-20 | 5962-8515504 | 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 |
| PAL16R4-30 | 5962-8515508 | 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 |
| C16R4-40 | 5962-8871304 | PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR | N |
| PAL16R6 | 8103603 | PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT REGISTERED AND-OR | N |
| PAL16R6A | 8103609 | PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT AND-OR | N |
| PAL16L6 | 5962-8680404 | PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT AND-OR-INVERT | G247 |
| 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 |
| PAL16R6A-2 | 8103613 | PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT REGISTERED AND-OR | N |
| PAL16R6-20 | 5962-8515503 | 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 |

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 | | | |
| C16R6-20 | 5962-8871311 | PROG. ARRAY LOGIC, 16-INPUT 6-OUTPUT REGISTERED AND-OR | N |
| PAL16R6-30 | 5962-8515507 | 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 |
| 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 |
| PAL16L8A | 8103607 | PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT | G98 |
| PAL16R8A | 8103608 | PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR | N |
| 16V8A | 5962-8983901 | PROG. ARRAY LOGIC, ELECT. ERASABLE, 16-INPUT 8-OUTPUT AND-OR, 30 NS ACCESS TIME | N |
| 16V8A | 5962-8983902 | PROG. ARRAY LOGIC, ELECT. ERASABLE, 16-INPUT 8-OUTPUT AND-OR, 20 NS ACCESS TIME | N |
| 16V8A | 5962-8983903 | PROG. ARRAY LOGIC, ELECT. ERASABLE, 16-INPUT 8-OUTPUT AND-OR, 15 NS ACCESS TIME | N |
| PAL16L8-15 | 50609 | 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 |
| PAL16L8-15 | 5962-8515509 | PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT | G96 |
| PAL16R8-15 | 5962-8515510 | PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT REGISTERED AND-OR | N |
| PAL16L8A-2 | 8103611 | PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT | G98 |
| PAL16R8A-2 | 8103612 | PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT REGISTERED AND-OR | N |
| PAL16L8-20 | 5962-8515501 | PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT | G96 |
| PAL16R8-20 | 5962-8515502 | 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 |
| C16R8-20 | 5962-8867810 | PROG. ARRAY LOGIC, UV ERASABLE, 16-INPUT 8-OUTPUT REGISTERED AND-OR | N |
| C16L8-20 | 5962-8871309 | PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT | N |
| C16R8-20 | 5962-8871310 | PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT REGISTERED AND-OR | N |
| PAL16L8-30 | 5962-8515505 | PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT | G96 |
| PAL16R8-30 | 5962-8515506 | 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 |
| C16R8-30 | 5962-8867806 | PROG. ARRAY LOGIC, UV ERASABLE, 16-INPUT 8-OUTPUT REGISTERED AND-OR | N |
| C16L8-30 | 5962-8871305 | PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT | 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 |
| C16R8-40 | 5962-8867802 | PROG. ARRAY LOGIC, UV ERASABLE, 16-INPUT 8-OUTPUT REGISTERED AND-OR | N |
| C16L8-40 | 5962-8871301 | PROG. ARRAY LOGIC, 16-INPUT 8-OUTPUT AND-OR-INVERT | 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 |
| 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 |
| PAL18P8B | 5962-8752802 | PROG. ARRAY LOGIC, 18-INPUT 8-OUTPUT AND-OR | G106 |
| PAL18P8Q | 5962-8752805 | PROG. ARRAY LOGIC, 18-INPUT 8-OUTPUT AND-OR | G106 |

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 | | | |
| 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 |
| PAL20X10A | 8412907 | PROG. ARRAY LOGIC, 20-INPUT 10-OUTPUT REGISTERED AND-OR-XOR | N |
| PAL20RA10 | 5962-8680301 | PROG. ARRAY LOGIC, 20-INPUT 10-OUTPUT REGISTERED AND-OR | G193 |
| 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 | N |
| 2018 | 5962-8863803 | PROG. ARRAY LOGIC, 10 X 10, 1800 GATE | N |
| PAL20L2 | 5962-8680405 | PROG. ARRAY LOGIC, 20-INPUT 2-OUTPUT AND-OR-INVERT | G247 |
| PAL20R4A | 8412904 | PROG. ARRAY LOGIC, 20-INPUT 4-OUTPUT REGISTERED AND-OR | N |
| PAL20X4A | 8412908 | PROG. ARRAY LOGIC, 20-INPUT 4-OUTPUT REGISTERED AND-OR-XOR | N |
| PAL20R4B | 5962-8767104 | PROG. ARRAY LOGIC, 2-INPUT 4-OUTPUT REGISTERED AND-OR | G26 |
| 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 |
| PAL20R6A | 8412903 | PROG. ARRAY LOGIC, 20-INPUT 6-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 |
| PAL20L8A | 8412901 | PROG. ARRAY LOGIC, 20-INPUT 8-OUTPUT AND-OR-INVERT | G100 |
| PAL20R8A | 8412902 | PROG. ARRAY LOGIC, 20-INPUT 8-OUTPUT REGISTERED AND-OR | N |
| PAL20X8A | 8412906 | PROG. ARRAY LOGIC, 20-INPUT 8-OUTPUT REGISTERED AND-OR-XOR | 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 |
| 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 |
| 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 |
| 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 |
| PAL22V10A | 5962-8605301 | PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT REGISTERED AND-OR | G305 |
| PAL22V10 | 5962-8605302 | PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT REGISTERED AND-OR | G305 |
| 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 |

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 | 5962-8867003 | PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT AND-OR, 40 NS ACCESS TIME | 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 |
| C22V10 | 5962-8867004 | PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIME | N |
| C22V10L | 5962-8975503 | PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT AND-OR | N |
| C22V10 | 5962-8753904 | PROG. ARRAY LOGIC, UV ERASABLE, 22-INPUT 10-OUTPUT AND-OR | N |
| 22V10 | 5962-8984101 | PROG. ARRAY LOGIC, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR, 30 NS ACCESS TIME | N |
| 22V10 | 5962-8984102 | PROG. ARRAY LOGIC, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR, 20 NS ACCESS TIME | N |
| 22V10 | 5962-8984103 | PROG. ARRAY LOGIC, ELECTR. ERASABLE, 22-INPUT 10-OUTPUT AND-OR, 15 NS ACCESS TIME | N |
| C22V10L | 5962-8872404 | PROG. ARRAY LOGIC, UV ERASABLE, 22-INPUT 10-OUTPUT, AND-OR | N |
| PAL22V10-20 | 5962-8605304 | PROG. ARRAY LOGIC, 22-INPUT 10-OUTPUT REGISTERED AND-OR | 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 |
| 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 |
| 27C1024 | 5962-8680501 | PROM, UV ERASABLE, 64K X 16, 300 NS ACCESS TIME | N |
| 27C1024 | 5962-8680502 | PROM, UV ERASABLE, 64K X 16, 250 NS ACCESS TIME | N |
| 27C1024 | 5962-8680503 | PROM, UV ERASABLE, 64K X 16, 200 NS ACCESS TIME | N |
| 27C1024 | 5962-8680504 | PROM, UV ERASABLE, 64K X 16, 170 NS ACCESS TIME | N |
| 27S13A | 5962-8854101 | PROM, 512 X 4, THREE-STATE, 40 NS ACCESS TIME | B2048 |
| 27S13 | 5962-8854102 | PROM, 512 X 4, THREE-STATE, 60 NS ACCESS TIME | B2048 |
| 27S180 | 20903 | PROM, 1K X 8, WITH OPEN-COLLECTOR OUTPUTS, 90 NS ACCESS TIME | B8192 |
| 27S19 | 5962-8670301 | PROM, 32 X 8, WITH THREE-STATE OUTPUTS, 50 NS ACCESS TIME | B256 |
| 27S19A | 5962-8670302 | PROM, 32 X 8, WITH THREE-STATE OUTPUTS, 35 NS ACCESS TIME | B256 |
| 27PS191 | 5962-8552601 | PROM, POWER-SWITCHED, 2K X 8, (THREE-STATE), 75 NS ACCESS TIME | B16384 |
| 27PS191A | 5962-8552602 | PROM, POWER-SWITCHED, 2K X 8, (THREE-STATE), 65 NS ACCESS TIME | B16384 |
| 27256-170 | 22403 | PROM, UV ERASABLE, 32K X 8, 170 NS ACCESS TIME | B262144 |
| 27256-170 | 8411104 | PROM, UV ERASABLE, 32K X 8, 170 NS ACCESS TIME | B262144 |
| 27256-200 | 8411103 | PROM, UV ERASABLE, 32K X 8, 200 NS ACCESS TIME | B262144 |
| 27256-250 | 8411102 | PROM, UV ERASABLE, 32K X 8, 250 NS ACCESS TIME | B262144 |
| 27S29 | 5962-8769001 | PROM, 512 X 8, WITH THREE-STATE OUTPUTS, 70 NS ACCESS TIME | B4096 |
| 27S29A | 5962-8769002 | PROM, 512 X 8, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME | B4096 |
| 27PS291 | 5962-8552603 | PROM, POWER-SWITCHED, 2K X 8, (THREE-STATE), 75 NS ACCESS TIME | B16384 |
| 27PS291A | 5962-8552604 | PROM, POWER-SWITCHED, 2K X 8, (THREE-STATE), 65 NS ACCESS TIME | B16384 |
| 27S35 | 5962-8670601 | PROM, REGISTERED, 1K X 8, WITH PROGRAMMABLE INITIALIZE (ASYNCHRONOUS) | B8192 |

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 | | | |
| 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 |
| 27C64-200 | 27503 | 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 |
| 2764A-25 | 8200504 | 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 |
| 2764-250 | 8200502 | 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 |
| X2816A-25 | 22704 | PROM, ELECTR. ERASABLE, 2K X 8 | 816384 |
| 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 |
| 28C256-200 | 26110 | PROM, ELECTR. ERASABLE, 32K X 8, 200 NS ACCESS TIME | 8262144 |
| 28C256-250 | 26106 | PROM, ELECTR. ERASABLE, 32K X 8, 250 NS ACCESS TIME | 8262144 |
| 28C256-250 | 26109 | 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 |
| 28C256-300 | 26108 | PROM, ELECTR. ERASABLE, 32K X 8, 300 NS ACCESS TIME | 8262144 |
| 28C256-350 | 26107 | PROM, ELECTR. ERASABLE, 32K X 8, 350 NS ACCESS TIME | 8262144 |
| 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 |
| 29621 | 20805 | PROM, 512 X 8, WITH THREE-STATE OUTPUTS | 84096 |
| 29671 | 21103 | PROM, 4K X 8, TS, 70 NS ACCESS TIME | 832768 |
| 53S1680 | 21001 | PROM, 2K X 8, WITH OPEN-COLLECTOR OUTPUTS | 816384 |
| 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 |

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 | | | |
| 54S473 | 20804 | PROM, 512 X 8, WITH OPEN-COLLECTOR OUTPUTS | B4096 |
| 54S572 | 20601 | PROM, 1K X 4, WITH OPEN-COLLECTOR OUTPUTS | B4096 |
| 5564-250 | 22810 | PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME | B65536 |
| 5564-250 | 22811 | PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME | B65536 |
| 55C64-250 | 26005 | PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME | B65536 |
| 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 | B8192 |
| 7C235-40 | 5962-8863601 | PROM, REGISTERED, 1K X 8, 40 NS ACCESS TIME | B8192 |
| 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 |
| 76160 | 21001 | PROM, 2K X 8, WITH OPEN-COLLECTOR OUTPUTS | B16384 |
| 7644 | 20603 | PROM, 1K X 4 | B4096 |
| 7680 | 20903 | PROM, 1K X 8, WITH OPEN-COLLECTOR OUTPUTS, 90 NS ACCESS TIME | B8192 |
| 7684 | 20901 | PROM, 2K X 4, WITH OPEN-COLLECTOR OUTPUTS, 125 NS ACCESS TIME | B8192 |
| 77S180 | 20903 | PROM, 1K X 8, WITH OPEN-COLLECTOR OUTPUTS, 90 NS ACCESS TIME | B8192 |
| 77S184 | 20901 | PROM, 2K X 4, WITH OPEN-COLLECTOR OUTPUTS, 125 NS ACCESS TIME | B8192 |
| 77S190 | 21001 | PROM, 2K X 8, WITH OPEN-COLLECTOR OUTPUTS | B16384 |
| 82S100 | 50202 | PROG. ARRAY LOGIC, 16X48X8 | G104 |
| 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 | 5962-8778801 | PROM, 256 X 4, WITH THREE-STATE OUTPUTS, 60 NS ACCESS TIME | B1024 |
| 82S129A | 5962-8778802 | PROM, 256 X 4, WITH THREE-STATE OUTPUTS, 40 NS ACCESS TIME | B1024 |
| 82S153A | 5962-8768201 | LOGIC ARRAY, 18 X 42 X 10 FIELD-PROGRAMMABLE | G62 |
| 82S180 | 20903 | PROM, 1K X 8, WITH OPEN-COLLECTOR OUTPUTS, 90 NS ACCESS TIME | B8192 |
| 82S184 | 20901 | PROM, 2K X 4, WITH OPEN-COLLECTOR OUTPUTS, 125 NS ACCESS TIME | B8192 |
| 82S190 | 21001 | PROM, 2K X 8, WITH OPEN-COLLECTOR OUTPUTS | B16384 |
| 82S2708 | 20905 | PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME | B8192 |
| 93Z450 | 20903 | PROM, 1K X 8, WITH OPEN-COLLECTOR OUTPUTS, 90 NS ACCESS TIME | B8192 |
| 93459 | 50202 | PROG. ARRAY LOGIC, 16X48X8 | G104 |
| 93Z460 | 20906 | PROM, 1K X 8, WITH OPEN-COLLECTOR OUTPUTS, 90 NS ACCESS TIME | B8192 |
| 93Z461 | 20905 | PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME | B8192 |
| 93Z510 | 21003 | PROM, 2K X 8, WITH OPEN-COLLECTOR OUTPUTS | B16384 |

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TABLE 11. 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 | | | |
| SPE | 62001 | SIGNAL PROCESSING ELEMENT | N |
| SPE | 62002 | SIGNAL PROCESSING ELEMENT | 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 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) | 5962-8966601 | 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 DWG) | 5962-8869203 | MULTIPLEXED TERMINAL, MIL-STD-1553, BC/RTU/MT, TRANSCIEVER | N |
| (SEE DWG) | 5962-8869204 | MULTIPLEXED TERMINAL, MIL-STD-1553, BC/RTU/MT, TRANSCIEVERLESS | 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 |

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 | | | |
| UT1553BB | 5962-8862801 | BUS CONTROLLER, REMOTE TERMINAL | N |
| 1553RTMP | 5962-8864501 | REMOTE TERMINAL MULTI-PROTOCOL | 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 |
| 2100SG | 5962-8773501 | MICROPROCESSOR, SIGNAL PROCESSING, 6 MHZ | N |
| 2100TG | 5962-8773502 | MICROPROCESSOR, SIGNAL PROCESSING, 8 MHZ | N |
| 2100ASG | 5962-8773503 | MICROPROCESSOR, SIGNAL PROCESSING, 8 MHZ | N |
| 2100ATG | 5962-8773504 | MICROPROCESSOR, SIGNAL PROCESSING, 10 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 |
| 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 | 5962-8680101 | 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 |
| 320CM10-25 | 5962-8763304 | SIGNAL PROCESSOR, DIGITAL, WITH MASK PROGRAMMABLE ROM, 25 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 | | | |
| 320CF10-25 | 5962-8763305 | SIGNAL PROCESSOR, DIGITAL, 6.7 - 25 MHZ | N |
| 320E15 | 5962-8763306 | SIGNAL PROCESSOR, DIGITAL, WITH EPROM, 20 MHZ | N |
| 320C15 | 5962-8763307 | SIGNAL PROCESSOR, DIGITAL, 6.7 - 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 |
| 39C108 | 5962-8770802 | CONTROLLER, MICROPROGRAM (33 DEEP STACK) | N |
| 39C10C | 5962-8770803 | CONTROLLER, MICROPROGRAM (33 DEEP STACK) | N |
| 39C60A | 5962-8861301 | ERROR DETECTION/CORRECTION CKT, 16-BIT, 24 NS DETECT TIME, 35 NS CORRECT TIME | N |
| 39C60 | 5962-8861302 | ERROR DETECTION/CORRECTION CKT, 16-BIT, 36 NS DETECT TIME, 73 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 |
| 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 | B256 |
| 57401A | 5962-8779103 | FIFO MEMORY, 64 X 4 STAND-ALONE, 10 MHZ | B256 |
| C57401 | 5962-8779105 | FIFO MEMORY, 64 X 4 CASCADABLE, 7 MHZ | B256 |
| C57401A | 5962-8779107 | FIFO MEMORY, 64 X 4 CASCADABLE, 10 MHZ | B256 |
| 57L401D | 5962-8779109 | FIFO MEMORY, 64 X 4 STAND-ALONE, 12 MHZ | B256 |
| 57L4013D | 5962-8779111 | FIFO MEMORY, 64 X 4 STAND-ALONE THREE-STATE, 12 MHZ | B256 |
| 57402 | 5962-8779102 | FIFO MEMORY, 64 X 5 STAND-ALONE, 7 MHZ | B320 |
| 57402A | 5962-8779104 | FIFO MEMORY, 64 X 5 STAND-ALONE, 10 MHZ | B320 |
| C57402 | 5962-8779106 | FIFO MEMORY, 64 X 5 CASCADABLE, 7 MHZ | B320 |
| C57402A | 5962-8779108 | FIFO MEMORY, 64 X 5 CASCADABLE, 10 MHZ | B320 |
| 57L402D | 5962-8779110 | FIFO MEMORY, 64 X 4, STAND-ALONE, 12 MHZ | B320 |
| WS5910A | 5962-8770801 | CONTROLLER, MICROPROGRAM (9 DEEP STACK) | N |
| 68000-10 | 8202103 | MICROPROCESSOR, 16-BIT FIXED INSTRUCTION | G12667 |
| 68000-12 | 8202104 | MICROPROCESSOR, 16-BIT FIXED INSTRUCTION | G12667 |
| 68000-6 | 54001 | MICROPROCESSOR, 16-BIT FIXED INSTRUCTION | G12667 |
| MKB68000-8 | 8202102 | MICROPROCESSOR, 16-BIT FIXED INSTRUCTION | G12667 |
| 68020-16 | 5962-8603202 | MICROPROCESSOR, 32-BIT | N |
| 68020-20 | 5962-8603203 | MICROPROCESSOR, 32-BIT | N |
| 68172 | 5962-8770501 | CONTROLLER, VMEBUS | 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 |
| 1CM7170 | 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 |

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 | | | |
| 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 | B18432 |
| 7203S50 | 5962-8866903 | FIFO MEMORY, 2K X 9, 50 NS ACCESS TIME | B18432 |
| 7203S65 | 5962-8866902 | FIFO MEMORY, 2K X 9, 65 NS ACCESS TIME | B18432 |
| 7203S80 | 5962-8866901 | FIFO MEMORY, 2K X 9, 80 NS ACCESS TIME | B18432 |
| 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 |
| 72404L10 | 5962-8684601 | FIFO MEMORY, 64 X 5 PARALLEL, 10 MHZ | B320 |
| 72404L15 | 5962-8684602 | FIFO MEMORY, 64 X 5 PARALLEL, 15 MHZ | B320 |
| 72404L25 | 5962-8684603 | FIFO MEMORY, 64 X 5 PARALLEL, 25 MHZ | B320 |
| 72404L35 | 5962-8684604 | FIFO MEMORY, 64 X 5 PARALLEL, 35 MHZ | B320 |
| 7C429-30 | 5962-8866905 | FIFO MEMORY, 2K X 9, 30 NS ACCESS TIME | B18432 |
| 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 |
| Z-80BCPU | 48003 | MICROPROCESSOR, 8-BIT | G2833 |
| NSC800 | 8301301 | MICROPROCESSOR, 8-BIT, 2.5 MHZ | N |
| Z8001CPU | 52001 | MICROPROCESSOR, 16-BIT, 4.0 MHZ | N |
| Z8001ACPU | 52003 | MICROPROCESSOR, 16-BIT, 6.0 MHZ | N |
| Z8001CPU | 8000301 | MICROPROCESSOR, 16-BIT, 4.0 MHZ | N |
| Z8001ACPU | 8000303 | MICROPROCESSOR, 16-BIT, 6.0 MHZ | N |
| Z8001B | 8000304 | MICROPROCESSOR, 16-BIT, 10 MHZ | N |
| Z8002CPU | 8000302 | MICROPROCESSOR, 16-BIT, 4.0 MHZ | N |
| Z8002B | 8000305 | MICROPROCESSOR, 16-BIT, 10 MHZ | N |
| Z8002ACPU | 8000306 | MICROPROCESSOR, 16-BIT, 6.0 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 |
| Z8030A | 5962-8551801 | COMMUNICATIONS CONTROLLER, SERIAL, 6.0 MHZ | N |
| Z8030 | 5962-8551802 | COMMUNICATIONS CONTROLLER, SERIAL, 4.0 MHZ | N |
| 80C31 | 8506401 | MICROCONTROLLER, 8-BIT (3.5 TO 12 MHZ) | N |
| 80C31BH-16 | 8506403 | MICROCONTROLLER, 8-BIT (3.5 TO 16 MHZ) | N |
| 8035AHL | 5962-8856801 | MICROCOMPUTER, 8-BIT, WITH 64 X 8 RAM DATA MEMORY | N |
| Z8036A | 8551701 | COUNTER/TIMER AND PARALLEL I/O UNIT, 6.0 MHZ | N |
| Z8036 | 8551702 | COUNTER/TIMER AND PARALLEL I/O UNIT, 4.0 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 |

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 | | | |
| 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 | 8506402 | MICROCONTROLLER, 8-BIT, WITH A MASK PROGRAMMABLE ROM (3.5 TO 12 MHZ) | N |
| 80C51BH-16 | 8506404 | 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 |
| 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 |
| 82C55A | 8406602 | PERIPHERAL INTERFACE, PROGRAMMABLE, 8.0 MHZ | N |
| 8255A | 5962-8757001 | PERIPHERAL INTERFACE, PROGRAMMABLE | N |
| 82C55A-5 | 8406601 | PERIPHERAL INTERFACE, PROGRAMMABLE, 5.0 MHZ | N |
| 8255A-5 | 5962-8757002 | PERIPHERAL INTERFACE, PROGRAMMABLE | N |
| 82C59A | 5962-8501602 | INTERRUPT CONTROLLER, PROGRAMMABLE, 8 MHZ | N |
| 8259A | 5962-8751801 | INTERRUPT CONTROLLER, PROGRAMMABLE | 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 | 5962-8972602 | 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 |
| Z8420A | 8418601 | I/O CONTROLLER, PARALLEL, 4.0 MHZ | N |
| Z8420 | 8418602 | I/O CONTROLLER, PARALLEL, 2.5 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 | | | |
| Z84C2006 | 5962-8951401 | I/O CONTROLLER, PARALLEL, 6.17 MHZ | N |
| Z8430A | 8301601 | COUNTER/TIMER UNIT, 4.0 MHZ | N |
| Z8430 | 8301602 | COUNTER/TIMER UNIT, 2.5 MHZ | N |
| Z84C3006 | 5962-8951501 | COUNTER/TIMER UNIT, 6.17 MHZ | N |
| Z8442A | 8301501 | CONTROLLER, DUAL SERIAL INPUT/OUTPUT, 4.0 MHZ | N |
| Z8442 | 8301502 | CONTROLLER, DUAL SERIAL INPUT/OUTPUT, 2.5 MHZ | N |
| Z84C4206 | 5962-8951601 | I/O CONTROLLER, DUAL SERIAL, 6.17 MHZ | N |
| Z85C3006 | 5962-8868901 | COMMUNICATIONS CONTROLLER, SERIAL, 6.0 MHZ | N |
| Z85C3008 | 5962-8868902 | COMMUNICATIONS CONTROLLER, SERIAL, 8.0 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 |
| AM85C30-8 | 5962-8868906 | COMMUNICATION CONTROLLER, SERIAL, WITH SDLC 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 |
| 87C51 | 5962-8768401 | MICROCONTROLLER, 8-BIT, WITH 4K-BYTES EPROM MEMORY (3.5 TO 12 MHZ) | N |
| 8751H | 8419002 | MICROCOMPUTER, 8-BIT, WITH 32K-BIT UVEPROM, 12.0 MHZ MAX | N |
| 87C51-16 | 5962-8768402 | MICROCONTROLLER, 8-BIT, WITH 4K-BYTES EPROM MEMORY (3.5 TO 16 MHZ) | N |
| 8751H-8 | 8419001 | MICROCOMPUTER, 8-BIT, WITH 32K-BIT UVEPROM, 8.0 MHZ MAX | 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 | | | |
| 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 |
| AMP-01A | 5962-8863001 | INSTRUMENTATION AMPLIFIER, LOW-NOISE, PRECISION | N |
| AMP-01B | 5962-8863002 | INSTRUMENTATION AMPLIFIER, LOW-NOISE, PRECISION | N |
| LH0101A | 8508901 | OP AMP, POWER | N |
| LH0101 | 8508902 | 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 |

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 | | | |
| 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 |
| OP-07A | 8203601 | OP AMP, PRECISION | N |
| OP-07 | 8203602 | OP AMP, LOW-OFFSET | N |
| 071 | 8102304 | OP AMP, BI-FET, LOW POWER | T28 |
| 072 | 8102305 | OP AMP, DUAL, BI-FET, LOW POWER | T27 |
| 074 | 8102306 | OP AMP, QUAD, BI-FET, LOW POWER | T31 |
| LM10 | 5962-8760401 | OP AMP/VOLT. REFERENCE | 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 |
| LT1013A | 5962-8876001 | OP AMP, DUAL MATCHED, HIGH PERFORMANCE | N |
| LT1013 | 5962-8876002 | OP AMP, DUAL MATCHED, HIGH PERFORMANCE | N |
| LT1014A | 5962-8967701 | OP AMP, QUAD PRECISION | N |
| LT1014 | 5962-8967702 | OP AMP, QUAD PRECISION | N |
| LM102 | 10601 | VOLT. FOLLOWER | T19 |
| LT1022A | 5962-8962201 | OP AMP, HIGH-SPEED, PRECISION JFET-INPUT | N |
| LT1022 | 5962-8962202 | OP AMP, HIGH-SPEED, PRECISION JFET-INPUT | N |
| LT1028M | 5962-8862201 | OP AMP, LOW-NOISE, HIGH-SPEED, PRECISION | N |
| LT1028AM | 5962-8862202 | 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 |
| LM107 | 5962-8958901 | OP AMP | N |
| LM110 | 10602 | VOLT. FOLLOWER, HIGH-SPEED | T19 |
| LM110 | 5962-8760601 | VOLT. FOLLOWER, HIGH-SPEED | T19 |
| LM124 | 7704301 | OP AMP, QUAD | T102 |
| LM124A | 7704302 | OP AMP, QUAD | N |
| 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 |
| OP-200A | 5962-8859301 | OP AMP, DUAL, LOW-OFFSET, 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 |
| EL-2041 | 5962-8778502 | OP AMP, WIDEBAND, FAST SETTLING, UNITY GAIN STABLE | 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 |
| TLE2072M | 5962-9089601M | OP AMP, LOW-NOISE, HIGH-SPEED PRECISION | 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 |
| OP-227A | 13504 | OP AMP, DUAL, LOW-OFFSET, LOW-NOISE | T2 |
| OP-227A | 5962-8688701 | OP AMP, DUAL, LOW-OFFSET, LOW-NOISE | T2 |

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 | | | |
| CLC231A | 5962-8959401 | OP AMP, HIGH-SPEED, WIDEBAND | N |
| 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 |
| OP-260A | 5962-9053601 | OP AMP, DUAL, HIGH-SPEED CURRENT-FEEDBACK | N |
| 2640 | 7800302 | OP AMP, HIGH-VOLTAGE | 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 |
| TLC274 | 5962-9060401 | OP AMP, QUAD, PRECISION | N |
| TLC279 | 5962-9060402 | OP AMP, QUAD, PRECISION | N |
| OP-290 | 5962-8978301 | OP AMP, DUAL, PRECISION LOW-VOLTAGE MICROPOWER | N |
| OP-37A | 13505 | OP AMP, LOW-NOISE, PRECISION, HIGH-SPEED | N |
| OP-37A | 5962-8853701 | OP AMP, LOW-NOISE, PRECISION, HIGH-SPEED | N |
| OP-400A | 5962-8777101 | OP AMP, QUAD, LOW-OFFSET LOW POWER | N |
| OP-42 | 12208 | OP AMP, HIGH-SPEED, FAST SETTLING PRECISION | N |
| OP-42A | 5962-8851301 | 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 |
| 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 |
| OPA501 | 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 |
| AD524S | 14301 | INSTRUMENTATION AMPLIFIER, PRECISION | N |
| AD524 | 5962-8853901 | INSTRUMENTATION AMPLIFIER, PRECISION | N |
| OPA541 | 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 |
| LM6161 | 5962-8962101 | OP AMP, HIGH-SPEED | N |
| LM6164 | 5962-8962401 | OP AMP, HIGH-SPEED | N |
| LM6165 | 5962-8962501 | OP AMP, HIGH-SPEED | N |
| 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-77B | 5962-8773801 | OP AMP, LOW-OFFSET | N |
| OP-77A | 5962-8773802 | OP AMP, LOW-OFFSET | 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 |

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/ |
|--------------------------------|--|---|---|
| Comparators 10 - Continued | | | |
| LT1018 | 5962-8950402 | VOLT. COMPARTOR, DUAL | N |
| LM111 | 5962-8687701 | VOLT. COMPARTOR/BUFFER, PRECISION | T23 |
| LM119 | 8601401 | VOLT. COMPARTOR, DUAL HIGH-SPEED | N |
| LT119A | 8601402 | VOLT. COMPARTOR, DUAL HIGH-SPEED | N |
| LM139 | 7700801 | VOLT. COMPARTOR, QUAD | T32 |
| LM139A | 5962-8773901 | VOLT. COMPARTOR, QUAD | N |
| LM160 | 5962-8767401 | VOLT. COMPARTOR, DIFFERENTIAL, HIGH-SPEED | N |
| LM161 | 5962-8757203 | VOLT. COMPARTOR, DIFFERENTIAL, HIGH-SPEED | N |
| TLC372 | 5962-8765801 | VOLT. COMPARTOR, DUAL DIFFERENTIAL | T2 |
| TLC374 | 5962-8765901 | VOLT. COMPARTOR, QUAD DIFFERENTIAL | T4 |
| CMP404A | 5962-8990401 | VOLT. COMPARTOR, QUAD, LOW-POWER PRECISION | N |
| CMP404B | 5962-8990402 | VOLT. COMPARTOR, QUAD, LOW-POWER PRECISION | N |
| TLS14 | 5962-8687801 | VOLT. COMPARTOR, DUAL DIFFERENTIAL | T2 |
| 521 | 5962-8751601 | VOLT. COMPARTOR, DUAL DIFFERENTIAL | N |
| 527 | 5962-8757201 | VOLT. COMPARTOR, DIFFERENTIAL, HIGH-SPEED, WITH EMITTER-FOLLOWER INPUT | N |
| 529 | 5962-8757202 | VOLT. COMPARTOR, DIFFERENTIAL, HIGH-SPEED | N |
| 54LS682 | 8415101 | MAGNITUDE COMPARTOR, 8-BIT | G18 |
| 54LS684 | 8415201 | MAGNITUDE COMPARTOR, 8-BIT | G18 |
| 54LS688 | 8415301 | MAGNITUDE COMPARTOR, 8-BIT, WITH OUTPUT ENABLE | G26 |
| 6685 | 8600803 | VOLT. COMPARTOR, HIGH-SPEED, OPEN-EMITTER OUTPUT | N |
| AM6687 | 7801902 | VOLT. COMPARTOR, DUAL | N |
| 685 | 8600801 | VOLT. COMPARTOR, HIGH-SPEED, OPEN-EMITTER OUTPUT | N |
| 685 | 8600802 | VOLT. COMPARTOR, HIGH-SPEED, OPEN-EMITTER OUTPUT | N |
| AM686 | 7801801 | VOLT. COMPARTOR, HIGH-SPEED | N |
| AM687 | 7801901 | VOLT. COMPARTOR, DUAL | N |
| 760 | 5962-8754501 | VOLT. COMPARTOR, DIFFERENTIAL, HIGH-SPEED | N |
| 96685 | 8600804 | VOLT. COMPARTOR, HIGH-SPEED, OPEN-EMITTER OUTPUT | N |
| AD96687 | 7801903 | VOLT. COMPARTOR, 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 | VOLTAGE 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 |
| LM109 | 5962-8777401 | VOLT. REGULATOR, FIXED, POSITIVE, 5V | T19 |
| LM117H | 7703401 | VOLT. REGULATOR, ADJ., POSITIVE | T26 |
| LM117HV | 7703402 | VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE | N |
| LT117A | 7703405 | VOLT. REGULATOR, ADJ., POSITIVE | N |
| LT117AHV | 7703407 | VOLT. REGULATOR, ADJ., POSITIVE, HIGH VOLTAGE | N |
| LM120H-05 | 7704001 | VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A | T23 |
| LM120H-12 | 7704003 | VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A | T23 |
| LM120H-15 | 7704004 | VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A | T23 |
| LM120H-24 | 11504 | VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A | T23 |
| LM120K-24 | 11508 | VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A | T23 |
| LM120H-24 | 7704005 | VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A | T23 |
| SG123 | 5962-8777501 | VOLT. REGULATOR, FIXED, POSITIVE, 5V | N |
| LM137H | 7703403 | VOLT. REGULATOR, ADJ., NEGATIVE | 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 |

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/ |
|--------------------------------|--|---|---|
| Regulators 12 - Continued | | | |
| LM150 | 5962-8767501 | VOLT. REGULATOR, ADJ., POSITIVE, 3.0A | N |
| LM150A | 5962-8767502 | VOLT. REGULATOR, ADJ., POSITIVE, 3.0A | N |
| 1524 | 7802801 | PULSE WIDTH MODULATOR, REGULATING | T71 |
| 1524B | 5962-8764501 | PULSE WIDTH MODULATOR, REGULATING | N |
| 1524A | 5962-8764502 | PULSE WIDTH MODULATOR, REGULATING | N |
| 1525A | 5962-8951101 | PULSE WIDTH MODULATOR, REGULATING | N |
| UC1525A | 5962-8951103 | PULSE WIDTH MODULATOR, REGULATING | N |
| 1526 | 8551501 | PULSE WIDTH MODULATOR, REGULATING | N |
| 1526A | 8551502 | PULSE WIDTH MODULATOR, REGULATING | N |
| 1527A | 5962-8951102 | 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 |
| UC1846 | 5962-8680601 | PULSE WIDTH MODULATOR CONTROLLER, 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 |
| 3517 | 5962-8764301 | MODULATOR/DEMULATOR, CONTINUOUSLY VARIABLE SLOPE DELTA | N |
| 4194 | 7705401 | VOLT. REGULATOR, DUAL TRACKING | N |
| 431 | 8410901 | VOLT. REFERENCE, PROGRAMMABLE | T11 |
| 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 |
| 78M24 | 10705 | VOLT. REGULATOR, FIXED, POSITIVE | T19 |
| 7824A | 5962-8855401 | VOLT. REGULATOR, FIXED, POSITIVE, 24V, 1.0 A | N |
| 78S40 | 5962-8876101 | VOLTAGE REGULATOR, SWITCHING SUBSYSTEM | N |
| 79M24 | 11504 | VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A | T23 |
| 7924 | 11508 | VOLT. REGULATOR, FIXED, NEGATIVE, 0.5A, 1.0A | T23 |
| 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 |
| 10S16 | 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 |

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/} |
|----------------------------------|--|--|--|
| Drivers/Receivers 13 - Continued | | | |
| NHI-1529 | 5962-8952203 | BUS TRANSCEIVER, DUAL CHANNEL, MIL-STD-1553, 5V | N |
| FC1553623 | 5962-8757906 | BUS TRANSCEIVER, DUAL CHANNEL, LOW-POWER | 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 |
| 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 |
| 26LS31 | 7802301 | LINE DRIVER, QUAD DIFFERENTIAL, HIGH SPEED | N |
| 26LS32 | 7802001 | LINE RECEIVER, QUAD DIFFERENTIAL | G5 |
| 26LS32B | 5962-8761601 | LINE RECEIVER, QUAD DIFFERENTIAL | N |
| 26LS33 | 7802002 | 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 |
| 2803 | 5962-8605801 | TRANSISTOR ARRAY, DARLINGTON, EIGHT-GATE | T14 |
| 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 |
| 2953A | 5962-8777202 | REGISTERED TRANSCEIVER, BIDIRECTIONAL I/O PORTS, NONINVERTING, 8-BIT | N |
| 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 |
| 29C861 | 5962-8770401 | BUS TRANSCEIVER, 10-BIT, HIGH PERFORMANCE | G22 |
| 29861A | 5962-8860401 | BUS TRANSCEIVER, 10-BIT BIDIRECTIONAL, WITH THREE-STATE OUTPUTS | G22 |
| 29C863 | 5962-8770402 | BUS TRANSCEIVER, 9-BIT, HIGH PERFORMANCE | G20 |
| 29863A | 5962-8860402 | BUS TRANSCEIVER, 9-BIT BIDIRECTIONAL, WITH THREE-STATE OUTPUTS | G20 |
| 29C961 | 5962-8770403 | BUS TRANSCEIVER, 10-BIT, HIGH PERFORMANCE | G22 |
| 29C963 | 5962-8770404 | BUS TRANSCEIVER, 9-BIT, HIGH PERFORMANCE | G20 |

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/ |
|----------------------------------|--|--|---|
| Drivers/Receivers 13 - Continued | | | |
| RM3182 | 5962-8687901 | LINE DRIVER, ARINC BUS INTERFACE | N |
| 3231 | 5962-8959201 | DRIVER-RECEIVER, SINGLE CHANNEL | N |
| 3231 | 5962-8959203 | DRIVER-RECEIVER, SINGLE CHANNEL | N |
| 3232 | 5962-8959202 | DRIVER-RECEIVER, SINGLE CHANNEL | N |
| 3232 | 5962-8959204 | DRIVER-RECEIVER, SINGLE CHANNEL | N |
| ARX3411 | 5962-8757904 | BUS TRANSCEIVER, DUAL CHANNEL, LOW-POWER | 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 |
| 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 |
| 54ACT240 | 5962-8775901 | BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE | N |
| 54HC242 | 65501 | BUS TRANSCEIVER, QUAD INVERTING, WITH THREE-STATE OUTPUTS | N |
| 54ALS242B | 38506 | BUS TRANSCEIVER, QUAD, WITH THREE-STATE OUTPUTS | G10 |
| 54F242 | 34801 | BUS TRANSCEIVER, QUAD INVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 54LS242 | 8002001 | BUS TRANSCEIVER, QUAD INVERTING, WITH THREE-STATE OUTPUTS | N |
| 54ALS242B | 8401301 | BUS TRANSCEIVER, QUAD, WITH THREE-STATE OUTPUTS | G10 |
| 54HC243 | 65502 | BUS TRANSCEIVER, QUAD BIDIRECTIONAL, WITH THREE-STATE OUTPUTS | N |
| 54ALS243A | 38507 | BUS TRANSCEIVER, QUAD, WITH THREE-STATE OUTPUTS | G10 |
| 54LS243 | 8002002 | BUS TRANSCEIVER, QUAD NONINVERTING, WITH THREE-STATE OUTPUTS | N |
| 54ALS243A | 8401302 | BUS TRANSCEIVER, QUAD, WITH THREE-STATE OUTPUTS | G10 |
| 54HC243 | 8409001 | BUS TRANSCEIVER, QUAD BIDIRECTIONAL, WITH THREE-STATE OUTPUTS | N |
| 54F243 | 5962-8683401 | BUS TRANSCEIVER, QUAD NONINVERTING, WITH THREE-STATE OUTPUTS | G10 |
| 54BCT244 | 5962-9062501M | LINE DRIVER, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54LS245 | 8002101 | BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54ALS245A | 8403001 | BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54HC245 | 8408501 | BUS TRANSCEIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | N |

See footnotes at end of standard.

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TABLE 11. 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 | | | |
| 54HCT245 | 8550601 | BUS TRANSCEIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | N |
| 54F245 | 8551101 | BUS TRANSCEIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G18 |
| 54ACT245 | 5962-8766301 | BUS TRANSCEIVER, OCTAL BIDIRECTIONAL, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE | G18 |
| 54FCT245 | 5962-8762901 | BUS TRANSCEIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE | G18 |
| 54AC245 | 5962-8775801 | BUS TRANSCEIVER, OCTAL BIDIRECTIONAL, WITH THREE-STATE INPUTS/OUTPUTS | N |
| 54FCT245A | 5962-8762902 | BUS TRANSCEIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE | G18 |
| 54BCT245 | 5962-9051401M | BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54F30245 | 5962-8972201 | TRANSMISSION LINE/BACKPLANE TRANSCEIVER, OCTAL 30-OHM, NONINVERTING | 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 |
| 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 |
| 54BCT540 | 5962-9074801M | LINE DRIVER, OCTAL, WITH INVERTING THREE-STATE OUTPUTS | N |
| 54BCT541 | 5962-9074901M | LINE DRIVER, OCTAL WITH NONINVERTING 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 |
| 54F544 | 5962-8955501 | BUS TRANSCEIVER, OCTAL, WITH REGISTERS | N |
| 54BCT620A | 5962-9075001M | BUS TRANSCEIVER, OCTAL, WITH INVERTING OUTPUTS | N |
| 54HC623 | 5962-8998901 | BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54BCT623 | 5962-9094001M | BUS TRANSCEIVER, OCTAL | N |
| 54HC640 | 65506 | BUS TRANSCEIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS | N |
| 54ALS640A | 38501 | BUS TRANSCEIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS | G18 |
| 54LS640 | 8416101 | BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54HC640 | 5962-8780901 | BUS TRANSCEIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS | N |
| 54ALS640A | 5962-8872701 | BUS TRANSCEIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS | G18 |
| 54FCT640 | 5962-8865401 | BUS TRANSCEIVER, OCTAL, BIDIRECTIONAL INVERTING, TTL-COMPATIBLE | N |
| 54FCT640A | 5962-8865402 | BUS TRANSCEIVER, OCTAL, BIDIRECTIONAL INVERTING, TTL-COMPATIBLE | N |
| 54HCT640 | 5962-8974001 | BUS TRANSCEIVER, OCTAL, INVERTING, 3-STATE TTL COMPATIBLE INPUTS | N |
| 54BCT640 | 5962-9075201M | BUS TRANSCEIVER, OCTAL, INVERTING OUTPUTS | N |
| 54FCT640 | 5962-9075201M | BUS TRANSCEIVER, OCTAL, INVERTING 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 |

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/ |
|----------------------------------|--|---|---|
| Drivers/Receivers 13 - Continued | | | |
| 54HC643 | 65507 | BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54ALS643 | 38504 | BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS | G18 |
| 54ALS645A | 8403301 | BUS TRANSCEIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G18 |
| 54FCT645 | 5962-8865301 | BUS TRANSCEIVER, 8-BIT NONINVERTING | N |
| 54FCT645A | 5962-8865302 | BUS TRANSCEIVER, OCTAL, NONINVERTING | N |
| 54HC646 | 65508 | BUS TRANSCEIVER/REGISTER, OCTAL, WITH THREE-STATE OUTPUTS | G306 |
| 54LS646 | 32804 | BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54HC646 | 5962-8688501 | BUS TRANSCEIVER/REGISTER, OCTAL, WITH THREE-STATE OUTPUTS | G306 |
| 54FCT646 | 5962-8877501 | BUS TRANSCEIVER/RECEIVER, 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 |
| 54F646 | 5962-8975401 | BUS TRANSCEIVER/REGISTER | N |
| 54HC648 | 65509 | BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS | N |
| 54LS648 | 32805 | BUS TRANSCEIVER, OCTAL, WITH REGISTERS | N |
| 54F648 | 5962-8975402 | BUS TRANSCEIVER/REGISTER, INVERTED | N |
| 54ALS648 | 5962-9052301 | BUS TRANSCEIVER/REGISTER, OCTAL INVERTING, WITH THREE-STATE OUTPUTS | N |
| 54ALS652 | 5962-8867301 | BUS TRANSCEIVER, OCTAL, NONINVERTING, 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 |
| 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 |
| 55110A | 5962-8754701 | LINE DRIVER, DUAL | T8 |
| 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 |
| 55ALS161 | 5962-8968101 | BUS TRANSCEIVER, OCTAL GENERAL PURPOSE INTERFACE | N |
| 55188 | 5962-8688901 | LINE DRIVER, QUAD | T4 |

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/ |
|----------------------------------|--|---|---|
| Drivers/Receivers 13 - Continued | | | |
| 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 |
| 55452 | 7704901 | PERIPHERAL DRIVER, DUAL NAND | G14 |
| 55454 | 5962-8871501 | PERIPHERAL DRIVER, DUAL NOR | G18 |
| 55464 | 12910 | PERIPHERAL DRIVER, DUAL NOR | G18 |
| 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 |
| UT63M125 | 5962-8864405 | BUS TRANSCEIVER, DUAL | N |
| UT63M127 | 5962-8864406 | BUS TRANSCEIVER, DUAL | N |
| UT63M135 | 5962-8864407 | BUS TRANSCEIVER, DUAL | N |
| UT63M137 | 5962-8864408 | BUS TRANSCEIVER, DUAL | N |
| 68681 | 5962-8856603 | RECEIVER/TRANSMITTER, DUAL ASYNCHRONOUS | N |
| 68C681 | 5962-8953203 | RECEIVER/TRANSMITTER, DUAL ASYNCHRONOUS | N |
| 1CL7667 | 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 |
| 96F173 | 5962-9076602M | LINE RECEIVER, QUAD DIFFERENTIAL, RS-485 | 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 | | | |
| TLC555 | 14901 | TIMER, PRECISION | N |
| 555LV | 14905 | TIMER, LOW-POWER 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 |

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/ |
|--------------------------------|--|---|---|
| Timers 14 - Continued | | | |
| 7556 | 14904 | TIMER, DUAL, LOW-POWER PRECISION | N |
| 7556 | 5962-8950304 | TIMER, DUAL, LOW-POWER PRECISION | N |
| 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 |
| DAC-HKB | 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 |
| DAC08 | 5962-8993201 | D/A CONVERTER, 8-BIT, HIGH-SPEED MULTIPLYING | N |
| BT102 | 5962-8965301 | D/A CONVERTER, 8-BIT VIDEO | N |
| DAC-HKB-2 | 5962-8952802 | D/A CONVERTER, 12-BIT TWO'S COMPLEMENT | N |
| RGBDAC3808H | 5962-8950901 | D/A CONVERTER, 8-BIT, TRIPLE, COLOR-MAPPED VIDEO | 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 |
| 562 | 8100801 | D/A CONVERTER, 12-BIT, EXTERNAL REFERENCE, 2 MA, FS | 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 |
| 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 |
| PM7541AB | 5962-8948103 | D/A CONVERTER, 12-BIT MULTIPLYING | N |
| PM7541AA | 5962-8948104 | D/A CONVERTER, 12-BIT MULTIPLYING | N |
| 7545S | 5962-8770201 | D/A CONVERTER, 12-BIT BUFFERED | N |

See footnotes at end of standard.

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TABLE 11. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

| Generic/ industry number | Standard Part Identification Number | Circuit description | Gate, bit, transistor count 1/ |
|--------------------------------|--|--|---|
| D/A converters 16 - Continued | | | |
| 7545T | 5962-8770202 | D/A CONVERTER, 12-BIT BUFFERED | N |
| 7545U | 5962-8770203 | D/A CONVERTER, 12-BIT BUFFERED | N |
| 7545G | 5962-8770204 | D/A CONVERTER, 12-BIT BUFFERED | N |
| 7545B | 5962-8770205 | D/A CONVERTER, 12-BIT BUFFERED | N |
| 7545A | 5962-8770206 | 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 |
| DAC87 | 13701 | D/A CONVERTER, 12-BIT, RANGE-PROGRAMMABLE VOLTAGE OUTPUT | N |
| DAC87 | 13703 | D/A CONVERTER, 12-BIT, RANGE-PROGRAMMABLE VOLTAGE OUTPUT | N |
| DAC87 | 8300201 | D/A CONVERTER, 12-BIT, RANGE-PROGRAMMABLE VOLTAGE OUTPUT | N |
| HS9324 | 5962-8862901 | D/A CONVERTER, QUAD 12-BIT | 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 |
| 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 |
| 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 |
| CS5016-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 |
| 5200 | 12001 | A/D CONVERTER, 12-BIT, 0V TO -10V INTERNAL REFERENCE | N |
| 5201 | 12003 | A/D CONVERTER, 12-BIT, -5V TO +5V INTERNAL REFERENCE | N |
| 5202 | 12005 | A/D CONVERTER, 12-BIT, -10V TO +10V INTERNAL REFERENCE | N |
| 5203 | 12002 | A/D CONVERTER, 12-BIT, 0V TO -10V EXTERNAL REFERENCE | N |
| 5204 | 12004 | A/D CONVERTER, 12-BIT, -5V TO +5V EXTERNAL REFERENCE | N |
| 5205 | 12006 | A/D CONVERTER, 12-BIT, -10V TO +10V EXTERNAL REFERENCE | N |
| 5206 | 12007 | A/D CONVERTER, 12-BIT, 0V TO 10V INTERNAL REFERENCE | N |
| 5207 | 12008 | A/D CONVERTER, 12-BIT | N |
| 5210 | 12009 | A/D CONVERTER, 12-BIT, HIGH-SPEED, 0V TO -10V INTERNAL REFERENCE | N |
| 5211 | 12011 | A/D CONVERTER, 12-BIT, HIGH-SPEED, -5V TO +5V INTERNAL REFERENCE | N |
| 5212 | 12013 | A/D CONVERTER, 12-BIT, HIGH-SPEED, -10V TO +10V INTERNAL REFERENCE | N |
| 5213 | 12010 | A/D CONVERTER, 12-BIT, HIGH-SPEED, 0V TO -10V EXTERNAL REFERENCE | N |
| 5214 | 12012 | A/D CONVERTER, 12-BIT, HIGH-SPEED, -5V TO +5V EXTERNAL REFERENCE | 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 | | | |
| 5215 | 12014 | A/D CONVERTER, 12-BIT, HIGH-SPEED, -10V TO +10V EXTERNAL REFERENCE | N |
| 5216 | 12015 | A/D CONVERTER, 12-BIT, HIGH-SPEED, 0V TO 10V INTERNAL REFERENCE | N |
| 5217 | 12016 | A/D CONVERTER, 12-BIT | 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 |
| MN5290 | 5962-8956301H | A/D CONVERTER, 16-BIT RESOLUTION | N |
| MN5291 | 5962-8956302H | A/D CONVERTER, 16-BIT RESOLUTION | 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 |
| 574AU | 14003 | A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE | N |
| 574AT | 14004 | A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE | N |
| 574AU | 5962-8512701 | A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE | N |
| 574AT | 5962-8512702 | A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE | N |
| AD650 | 13803 | A/D CONVERTER, 12-BIT, WITH MICROPROCESSOR INTERFACE 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 |
| 674AU | 14005 | A/D CONVERTER, 12-BIT | N |
| 674AT | 14006 | A/D CONVERTER, 12-BIT | N |
| 75C48S20 | 5962-8874301 | A/D CONVERTER, 8-BIT FLASH | 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 |
| AD7572U05 | 5962-8759105 | 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 |
| 7684T | 5962-8977701 | A/D CONVERTER, 8-BIT FLASH | N |
| 7684S | 5962-8977702 | A/D CONVERTER, 8-BIT FLASH | N |
| AD7820U | 5962-8865001 | A/D CONVERTER, 8-BIT, WITH TRACK/HOLD, ± 0.5 LSB | N |
| AD7820T | 5962-8865002 | A/D CONVERTER, 8-BIT, WITH TRACK/HOLD, ± 1.0 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 |

See footnotes at end of standard.

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TABLE 11. 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 | | | |
| 78C48SC30 DAC87 | 5962-8874302 13702 | A/D CONVERTER, 8-BIT FLASH A/D CONVERTER, 12-BIT, RANGE PROGRAMMABLE, VOLTAGE OUTPUT | N 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) | 5962-8671602 | ANALOG SWITCH, QUAD SPST, HIGH-SPEED | N |
| SW-068 | 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/DEMULTIPLEXER, 16-CHANNEL, WITH OVERVOLTAGE PROTECTION | N |
| 201 | 7705301 | ANALOG SWITCH, SPST, 4-CHANNEL | G80 |
| 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 | 5962-8956901 | 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 |
| HS5040 | 8100601 | ANALOG SWITCH, SPST, 1-CHANNEL, 75 OHMS | N |
| HS5041 | 8100602 | ANALOG SWITCH, SPST, 2-CHANNEL, 75 OHMS | N |
| HS5042 | 8100603 | ANALOG SWITCH, SPDT, 1-CHANNEL, 75 OHMS | N |
| HS5043 | 8100604 | ANALOG SWITCH, SPDT, 2-CHANNEL, 75 OHMS | N |
| HS5043 | 8100612 | ANALOG SWITCH, SPDT, 2-CHANNEL, 30 OHMS | N |
| HS5044 | 8100605 | ANALOG SWITCH, DPST, 1-CHANNEL, 75 OHMS | N |
| HS5045 | 8100606 | ANALOG SWITCH, DPST, 2-CHANNEL, 75 OHMS | N |
| HS5045 | 8100614 | ANALOG SWITCH, DPST, 2-CHANNEL, 75 OHMS | N |
| HS5046 | 10507 | ANALOG SWITCH, DPDT, 1-CHANNEL, 75 OHMS | N |
| HS5046 | 8100607 | ANALOG SWITCH, DPDT, 1-CHANNEL, 75 OHMS | N |
| HS5046 | 8100615 | ANALOG SWITCH, DPDT, 1-CHANNEL, 75 OHMS | N |
| HS5046A | 8100617 | ANALOG SWITCH, DPDT, 1-CHANNEL, 30 OHMS | N |
| HS5047 | 10508 | ANALOG SWITCH, 4PST, 1-CHANNEL, 75 OHMS | N |
| HS5047 | 8100608 | ANALOG SWITCH, 4PST, 1-CHANNEL, 75 OHMS | N |
| HS5047 | 8100616 | ANALOG SWITCH, 4PST, 1-CHANNEL, 75 OHMS | N |
| HS5047A | 8100618 | ANALOG SWITCH, 4PST, 1-CHANNEL, 30 OHMS | N |
| HS5049 | 8100620 | ANALOG SWITCH, DPST, 2-CHANNEL, 30 OHMS | N |
| HS5050 | 8100621 | ANALOG SWITCH, SPDT, 1-CHANNEL, 30 OHMS | N |
| HS5051 | 8100622 | ANALOG SWITCH, SPDT, 2-CHANNEL, 30 OHMS | N |
| 506A | 5962-8513101 | ANALOG MULTIPLEXER/DEMULTIPLEXER, 16-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 | | | |
| 507A | 5962-8513102 | ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL DIFFERENTIAL, W/ OVERVOLTAGE PROTECT | N |
| 508 | 7705201 | ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL | N |
| 508A | 7705202 | ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION | N |
| 509A | 5962-8513103 | ANALOG MULTIPLEXER/DEMULTIPLEXER, DIFFERENTIAL 4-CHANNEL, WITH OVERVOLTAGE PROTE | N |
| IH5108 | 7705203 | ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERVOLTAGE PROTECTION | N |
| IH5116 | 5962-8513104 | ANALOG MULTIPLEXER/DEMULTIPLEXER, 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/DEMULTIPLEXER, DIFFERENTIAL 4-CHANNEL, WITH OVERVOLTAGE PROTE | N |
| IH5216 | 5962-8513105 | ANALOG MULTIPLEXER/DEMULTIPLEXER, 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 |
| 54HC4052 | 5962-8855601 | ANALOG MULTIPLEXER/DEMULTIPLEXER, DOUBLE-POLE, FOUR-POSITION | N |
| 54HC4053 | 5962-8775401 | ANALOG MULTIPLEXER | N |
| 54HC4066 | 5962-8950701 | ANALOG SWITCH, SPST, 4-CHANNEL | N |
| 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 |
| REF01A | 5962-8958101 | VOLT. REFERENCE, ADJUSTABLE OUTPUT, +10V | N |
| REF01 | 5962-8958102 | 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 |
| 102110 | 12409 | VOLT. REFERENCE | N |
| LT1021BM-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 |
| LT1021BM-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 |
| LT1021BM-7 | 5962-8864701 | VOLT. REFERENCE, 7.0V | N |
| LT1021DM-7 | 5962-8864702 | VOLT. REFERENCE, 7.0V | 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 - Continued | | | |
| 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 |
| LM129B | 12406 | VOLT. REFERENCE, 6.9V PRECISION | N |
| LM129A | 5962-8992101 | 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 |
| LM199A | 12401 | VOLT. REFERENCE, PRECISION | T19 |
| LM199 | 12404 | VOLT. REFERENCE, PRECISION | T19 |
| LM199A | 5962-8856101 | VOLT. REFERENCE, PRECISION | T19 |
| LM199 | 5962-8856102 | VOLT. REFERENCE, PRECISION | T19 |
| LM199A-20 | 12405 | VOLT. REFERENCE | N |
| 2700 | 13601 | VOLT. REFERENCE | N |
| 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 |
| 2702 | 13602 | VOLT. REFERENCE | N |
| 2702S | 8503003 | VOLT. REFERENCE, PRECISION, ±10.000V | N |
| 2702U | 8503004 | VOLT. REFERENCE, PRECISION, ±10.000V | N |
| REF-43 | 5962-9060301 | VOLT. REFERENCE, LOW-POWER PRECISION, + 2.5V | N |
| 580S | 5962-8686101 | VOLT. REFERENCE, PRECISION 2.5V (1%) | 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 |
| 198 | 5962-8760801 | SAMPLE AND HOLD AMPLIFIER | N |
| 2420 | 8001601 | SAMPLE AND HOLD AMPLIFIER | N |
| MN376H | 14201 | SAMPLE AND HOLD AMPLIFIER | N |
| SHM-4860MM | 14201 | SAMPLE AND HOLD AMPLIFIER | N |
| 4860-83 | 14201 | SAMPLE AND HOLD AMPLIFIER | 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/ |
|---|--|---|---|
| Sample and hold 20 - Continued | | | |
| HA-5330 5537 AD585 HS9716 | 5962-8767701 12502 5962-8754001 5962-8956601H | SAMPLE AND HOLD AMPLIFIER SAMPLE AND HOLD AMPLIFIER SAMPLE AND HOLD AMPLIFIER, HIGH-SPEED SAMPLE AND HOLD AMPLIFIER, 16-BIT | N N N N |
| Hybrid 22 | | | |
| SDC14500-635 SDC14500-636 SDC14502-605 SDC14502-606 2452 6N140A HS9403-16 HS9403-8 | 5962-9070701H 5962-9070702H 5962-9070703H 5962-9070704H 5962-8753502 8302401 5962-8851402 5962-8851401 | SYNCHRO-TO-DIGITAL CONVERTER, 400 HZ, 11.8V SYNCHRO-TO-DIGITAL CONVERTER, 400 HZ, 11.8V SYNCHRO-TO-DIGITAL CONVERTER, 60 HZ, 90V SYNCHRO-TO-DIGITAL CONVERTER, 60 HZ, 90V REMOTE TERMINAL UNIT, DUAL REDUNDANT OPTOCOUPLER, 4-CHANNEL DATA ACQUISITION SYSTEM, 12-BIT DATA ACQUISITION SYSTEM, 12-BIT | N N N N N N N |
| Other digital devices 23 | | | |
| BFRP10 12540 14490A UT1553BCRTMP UT1553BRTR UT1760ARTS UT1760RTS TMC2023V TMC2023V1 HCPL-5501 68154 68155 | 63001 5962-8775201 5962-8764601 5962-8950101 5962-8957601 5962-8957501 5962-8957501 5962-8971101 5962-8971102 5962-9085401H 5962-8857201 5962-8866601 | FFT PROCESSOR, 20 MHZ PHASE/FREQUENCY DETECTOR CONTACT BOUNCE ELIMINATOR, HEX REMOTE TERMINAL INTERFACE, MIL-STD-1553B REMOTE TERMINAL INTERFACE, WITH 1K X 16 RAM REMOTE TERMINAL FOR STORES WITH 1K X 16 RAM REMOTE TERMINAL FOR STORES WITH 1K X 16 RAM OUTPUT CORRELATOR, DIGITAL, 64-BIT, 25 MHZ OUTPUT CORRELATOR, DIGITAL, 64-BIT, 30 MHZ OPTOCOUPLER, SINGLE CHANNEL, TRANSISTOR OUTPUT INTERRUPT GENERATOR INTERRUPT HANDLER | N T5 N N N N N N N N N N |
| Analog circuit functions 24 | | | |
| LT1054M LTC1060A HSD1066-341H HSD1066-341V HSD1066-381H LM131A 1543 1544 1596 UC1637 TSC170 TSC171 UC1901 UC1903 LM194 LM195 EL2003 EL2004 EL2020 | 5962-8956201 5962-8864101 5962-8949901 5962-8949902 5962-8949903 5962-8760701 5962-8774001 5962-8774002 5962-8857101 5962-8995701 5962-8963801 5962-8963802 5962-8944101 5962-8869701 5962-8777701 5962-8777801 5962-8962301 5962-8965901 5962-8962001 | VOLTAGE CONVERTER, SWITCHED CAPACITOR, WITH REGULATOR FILTER, UNIVERSAL DUAL SYNCHRO-TO-DIGITAL CONVERTER, 11.8V, 400 HZ, 2.0 MINUTES ACCURACY SYNCHRO-TO-DIGITAL CONVERTER, 11.8V, 400 HZ, 1.0 MINUTE ACCURACY SYNCHRO-TO-DIGITAL CONVERTER, 11.8V, 400 HZ, 2.0 MINUTES ACCURACY VOLT.-TO-FREQUENCY CONVERTER POWER SUPPLY OUTPUT SUPERVISORY CIRCUIT POWER SUPPLY OUTPUT SUPERVISORY CIRCUIT MODULATOR/DEMOMULATOR, BALANCED CONTROLLER, SWITCHED-MODE, FOR DC MOTOR DRIVE CURRENT MODE CONTROLLER, CMOS CURRENT MODE CONTROLLER, CMOS FEEDBACK GENERATOR, ISOLATED SUPPLY AND LINE MONITOR, QUAD TRANSISTOR ARRAY, MATCHED PAIR TRANSISTOR ARRAY, POWER LINE DRIVER, VIDEO BUFFER, FET CURRENT FEEDBACK AMPLIFIER | N N N N N N N N N N N N N N N N N N 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 | | | |
| EL2030 | 5962-9081801M | AMPLIFIER, CURRENT FEEDBACK | N |
| EL2033 | 5962-8962302 | LINE DRIVER, VIDEO | N |
| XR2211M | 7705001 | PHASE-LOCKED LOOP SYSTEM | 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 |
| 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 | 152 |
| 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 |
| 1H5352 | 5962-8875001 | ANALOG SWITCH, SPST, 4-CHANNEL, RF/VIDEO | 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 |
| 567 | 5962-8700301 | tone DECODER/PHASE-LOCKED LOOP | N |
| AD590J | 5962-8757101 | TEMPERATURE TRANSDUCER | N |
| AD590K | 5962-8757102 | TEMPERATURE TRANSDUCER | N |
| 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 |
| TL7702AM | 5962-8868502 | SUPPLY VOLTAGE SUPERVISOR | N |
| TL7705AM | 5962-8868501 | SUPPLY VOLTAGE SUPERVISOR | 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-8915A | 5962-9055401 | VOLT. FOLLOWER, BUFFER INPUT, 400 HZ | N |
| HSDC-8915 | 5962-9055402 | 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 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 | 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) | 70601 | LINEAR ARRAY, 8 MACROCELL LOCATIONS | N |
| (SEE SPEC) | 70604 | LINEAR ARRAY, 4 MACROCELL LOCATIONS | N |
| (SEE SPEC) | 60801 | GATE ARRAY, SEMICUSTOM | N |
| (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) | 60811 | 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 SPEC) | 60812 | GATE ARRAY, SEMICUSTOM | 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 | 8550202 |
| 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 | 8409301 |
| 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 | 7901401 |
| 4023B | /05053 | NAND GATE, TRIPLE 3-INPUT | G24 | 8403901 |
| 4023B | 7901301 | NAND GATE, TRIPLE 3-INPUT | G24 | 8403901 |
| 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 | 8404601 |
| 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 | 8404801 |
| 4081B | 7702401 | AND GATE, QUAD 2-INPUT | G4 | 8404801 |
| 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 | /53001 |
| 4093B | 7704601 | NAND GATE, QUAD 2-INPUT, WITH SCHMITT TRIGGERS | G4 | /53001 |
| 4093B | 7704602 | NAND GATE, QUAD 2-INPUT, WITH SCHMITT TRIGGERS | G4 | /53001 |
| 46106B | 5962-8550101 | HEX INVERTER, SCHMITT TRIGGER | G6 | 8409301 |
| 4973B | /17003 | AND GATE, TRIPLE 3-INPUT | N | |
| 54S00 | /07001 | NAND GATE, QUAD 2-INPUT | G4 | /33002 |
| 54H00 | /02304 | NAND GATE, QUAD 2-INPUT | G4 | /33002 |
| 54L00 | /02004 | NAND GATE, QUAD 2-INPUT | G4 | /30002 |

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 | /33002 |
| 54H01 | /02306 | NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS | G4 | /30003 |
| 54L01 | /02006 | NAND GATE, QUAD 2-INPUT | G4 | /30003 |
| 5401 | /00107 | NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS | G4 | /30003 |
| 54S02 | /07301 | NOR GATE, QUAD 2-INPUT | G4 | /33201 |
| 54L02 | /02701 | NOR GATE, QUAD 2-INPUT | G4 | /30302 |
| 5402 | /00401 | NOR GATE, QUAD 2-INPUT | G4 | /33201 |
| 54S03 | /07002 | NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS | G4 | /30003 |
| 54L03 | /02006 | NAND GATE, QUAD 2-INPUT | G4 | /30003 |
| 5403 | /00109 | NAND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS | G4 | /30003 |
| 54S04 | /07003 | HEX INVERTER | G6 | /33003 |
| 54H04 | /02305 | HEX INVERTER | G6 | /33003 |
| 54L04 | /02005 | HEX INVERTER | G6 | /30004 |
| 5404 | /00105 | HEX INVERTER | G6 | /33003 |
| 54S05 | /07004 | HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS | G6 | /30005 |
| 5405 | /00108 | HEX INVERTER, WITH OPEN-COLLECTOR OUTPUTS | G6 | /30005 |
| 5408 | /01601 | AND GATE, QUAD 2-INPUT | G4 | /34002 |
| 54S08 | /08003 | AND GATE, QUAD 2-INPUT | G4 | /34002 |
| 54C08 | 7703601 | AND GATE, QUAD 2-INPUT | G4 | 8404801 |
| 5409 | /01602 | AND GATE, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS | G4 | |
| 54S10 | /07005 | NAND GATE, TRIPLE 3-INPUT | G3 | /33004 |
| 54H10 | /02303 | NAND GATE, TRIPLE 3-INPUT | G3 | /33004 |
| 54L10 | /02003 | NAND GATE, TRIPLE 3-INPUT | G3 | /30006 |
| 5410 | /00103 | NAND GATE, TRIPLE 3-INPUT | G3 | /30006 |
| 54S11 | /08001 | AND GATE, TRIPLE 3-INPUT | G3 | /33901 |
| 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 | /30007 |
| 5413 | /15101 | NAND GATE, DUAL 4-INPUT | G2 | /31302 |
| 54132 | /15103 | NAND GATE, QUAD 2-INPUT, SCHMITT TRIGGER | G4 | 7600401 |
| 54S133 | /07009 | NAND GATE, 13-INPUT | G1 | 5962-8765701 |
| 5414 | /15102 | HEX INVERTER, SCHMITT TRIGGER | G6 | /31303 |
| 54S20 | /07006 | NAND GATE, DUAL 4-INPUT | G2 | /32901 |
| 54H20 | /02302 | NAND GATE, DUAL 4-INPUT | G2 | /30008 |

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 | /30008 |
| 5420 | /00102 | NAND GATE, DUAL 4-INPUT | G2 | /32901 |
| 54AS21 | 5962-8780401 | AND GATE, DUAL 4-INPUT | G2 | 5962-8766501 |
| 54S22 | /07007 | NAND GATE, DUAL 4-INPUT, WITH OPEN-COLLECTOR OUTPUTS | G2 | /30009 |
| 54H22 | /02307 | NAND GATE, DUAL 4-INPUT, WITH OPEN-COLLECTOR OUTPUTS | G2 | /30009 |
| 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 | /30303 |
| 54S30 | /07008 | NAND GATE, 8-INPUT | G1 | /29105 |
| 54H30 | /02301 | NAND GATE, 8-INPUT | G1 | /29105 |
| 54L30 | /02001 | NAND GATE, 8-INPUT | G1 | /29105 |
| 5430 | /00101 | NAND GATE, 8-INPUT | G1 | /29105 |
| 5432 | /16101 | OR GATE, QUAD 2-INPUT | G4 | /33401 |
| 5450 | /00501 | AND-OR-INVERT GATE, DUAL 2-WIDE | G6 | |
| 54S51 | /07401 | AND-OR-INVERT GATE, DUAL 2-WIDE 2-INPUT | G6 | /30402 |
| 5451 | /00502 | AND-OR-INVERT GATE, DUAL 2-WIDE | G6 | /30402 |
| 5453 | /00503 | AND-OR-INVERT GATE, 4-WIDE 2-INPUT | G5 | |
| 5454 | /00504 | AND-OR-INVERT GATE, 4-WIDE | G5 | /30301 |
| 54S64 | /07402 | AND-OR-INVERT GATE, QUAD 4-2-3-2-INPUT | G5 | /33301 |
| 54S86 | /07501 | EXCLUSIVE-OR GATE, QUAD 2-INPUT | G4 | /34401 |
| 54L86 | /02601 | EXCLUSIVE-OR GATE, QUAD 2-INPUT | G4 | /30401 |
| 5486 | /00701 | EXCLUSIVE-OR GATE, QUAD 2-INPUT | G4 | /30401 |
| 930 | /03001 | NAND GATE, DUAL 4-INPUT | G2 | /31302 |
| HC935 | /03002 | HEX INVERTER | G6 | |
| 936 | /03003 | HEX INVERTER | G6 | /30004 |
| HC940 | /03002 | HEX INVERTER | G6 | |
| 946 | /03004 | NAND GATE, QUAD 2-INPUT | G4 | /33002 |
| 962 | /03005 | NAND GATE, TRIPLE 3-INPUT | G3 | /30006 |
| Buffers 2 | | | | |
| 25S240 | 5962-8672401 | BUFFER/DRIVER, OCTAL, INVERTING, THREE-STATE OUTPUTS | G10 | /33203 |
| 25S241 | 5962-8672501 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G10 | 5962-8688501 |
| 25S244 | 5962-8753601 | BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS | G10 | /33107 |
| 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 | 7901401 |
| 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 | /32302 |
| 54126 | /15302 | BUFFER/DRIVER, QUAD, NONINVERTING, WITH THREE-STATE OUTPUTS | G4 | 7601501 |
| 5416 | /00802 | BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS | G6 | /00802 |
| 5417 | /00804 | BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS | G6 | /00804 |
| 5426 | /00805 | BUFFER/DRIVER, QUAD 2-INPUT, INVERTING | G4 | 7602001 |
| 54365 | /16301 | BUFFER/DRIVER, HEX, NONINVERTING, WITH THREE-STATE OUTPUTS | G7 | /32203 |
| 54366 | /16302 | BUFFER/DRIVER, HEX, NONINVERTING, WITH THREE-STATE OUTPUTS | G7 | /32204 |
| 54367 | /16303 | BUFFER/DRIVER, HEX, NONINVERTING, WITH THREE-STATE OUTPUTS | G8 | /32102 |
| 54368 | /16304 | BUFFER/DRIVER, HEX, INVERTING, WITH THREE-STATE OUTPUTS | G8 | /32102 |
| 5437 | /00302 | BUFFER/DRIVER, NAND, QUAD 2-INPUT | G4 | 8406001 |
| 5438 | /00303 | BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS | G4 | 8416901 |
| 54S40 | /07201 | BUFFER/DRIVER, NAND, DUAL 4-INPUT | G2 | /30202 |
| 54H40 | /02401 | BUFFER/DRIVER, NAND, DUAL 4-INPUT | G2 | /30202 |
| 5440 | /00301 | BUFFER/DRIVER, NAND, DUAL 4-INPUT | G2 | /30202 |
| 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 | 7603901 |
| 2918 | 5962-8671501 | FLIP-FLOP, D-TYPE, QUAD, WITH STANDARD AND THREE-STATE OUTPUTS | G30 | 5962-8672001 |
| 4013A | /05101 | FLIP-FLOP, D-TYPE, DUAL | G24 | 7901101 |
| 4013B | /05151 | FLIP-FLOP, D-TYPE, DUAL | G24 | |
| 4013B | 7901101 | FLIP-FLOP, D-TYPE, DUAL | G24 | |
| 4013B | 7901102 | FLIP-FLOP, D-TYPE, DUAL | G | |

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 |
|--------------------------------|--|--|-------------------------------------|----------------------|
| Flip-Flops 3 - Continued | | | | |
| 401748 | /17505 | FLIP-FLOP, D-TYPE, HEX | G36 | 8415201 |
| 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 | 7705101 |
| 4098B | /17504 | MULTIVIBRATOR, DUAL | G20 | |
| 4098B | 7705501 | RETRIGGERABLE/RESETTABLE MONOSTABLE MULTIVIBRATOR, DUAL | G20 | |
| 4099B | /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 | /30109 |
| 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 | /30106 |
| 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 | /34109 |
| 54174 | /01701 | FLIP-FLOP, D-TYPE, HEX | G36 | /34109 |
| 54S175 | /07106 | FLIP-FLOP, D-TYPE, QUAD | G24 | /34106 |
| 54175 | /01702 | FLIP-FLOP, D-TYPE, QUAD | G24 | /34106 |
| 54HC221A | 5962-8780502 | MULTIVIBRATOR, DUAL NON-RETRIGGERABLE MONOSTABLE, WITH RESET | N | 5962-8780901 |
| 54221 | 5962-8771101 | MULTIVIBRATOR, DUAL MONOSTABLE | G16 | 7604201 |
| 54ALS564A | 5962-8872801 | FLIP-FLOP, D-TYPE, OCTAL, EDGE-TRIGGERED, WITH THREE-STATE OUTPUTS | N | 8401002 |
| 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 | /30102 |
| 54S74 | /07101 | FLIP-FLOP, D-TYPE, DUAL | G12 | /34102 |
| 54L74 | /02105 | FLIP-FLOP, D-TYPE, DUAL | G12 | /30103 |
| 5474 | /00205 | FLIP-FLOP, D-TYPE, DUAL | G12 | /34102 |
| 5475 | /01501 | LATCH, 4-BIT, BISTABLE | G24 | 7601201 |
| 5476 | /00204 | FLIP-FLOP, JK, DUAL | G16 | 7601301 |
| 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 | 5962-8866502 |
| 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 | 7603901 |
| 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 | |

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 |
|-----------------------------------|--|--|-------------------------------------|----------------------|
| Combinational gates 4 - Continued | | | | |
| 45568 | /17305 | DECODER/DEMULPLEXER, DUAL 1-TO-4-LINE | G26 | 8409401 |
| 45568 | 7704801 | DECODER/DEMULPLEXER, DUAL 1-TO-4-LINE | G26 | 8409401 |
| 45858 | 7703702 | MAGNITUDE COMPARATOR, 4-BIT | G31 | |
| 54S138 | /07701 | DECODER/DEMULPLEXER, 3-LINE-TO-8-LINE | G16 | /33601 |
| 54S138 | 7604101 | DECODER/DEMULPLEXER, 3-LINE-TO-8-LINE | G16 | /33601 |
| 54S139 | /07702 | DECODER/DEMULPLEXER, DUAL 2-TO-4-LINE | G18 | /33501 |
| 54S139 | 7700401 | DECODER/DEMULPLEXER, DUAL 2-TO-4-LINE | G18 | /33501 |
| 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 | /33903 |
| 54151 | /01406 | DATA SEL/MULTIPLEXER, 8-INPUT | G17 | /33903 |
| 54S153 | /07902 | DATA SEL/MULTIPLEXER, DUAL 4-INPUT | G16 | /33904 |
| 54153 | /01403 | DATA SEL/MULTIPLEXER, DUAL 4-INPUT | G16 | 7601101 |
| 54S157 | /07903 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT | G15 | /33905 |
| 54157 | /01405 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT | G19 | /33905 |
| 54S158 | /07904 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT | G15 | /33906 |
| 54180 | /01901 | PARITY GENERATOR/CHECKER, 8-BIT | G14 | /34801 |
| 54S181 | /07801 | ALU/FUNCTION GENERATOR, 4-BIT | G63 | /33803 |
| 54181 | /01101* | ALU/FUNCTION GENERATOR, 4-BIT | G63 | /30702 |
| 54S182 | /07802 | LOOK AHEAD CARRY GENERATOR | G19 | /33804 |
| 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 | /33907 |
| 54S251 | 8002201 | DATA SEL/MULTIPLEXER, 8-INPUT, WITH THREE-STATE OUTPUTS | G17 | /33907 |
| 54S253 | /07908 | DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH THREE-STATE OUTPUTS | G16 | /33910 |
| 54S257 | /07906 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS | G15 | /33908 |
| 54S258 | /07907 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE INVERTED OUTPUTS | G15 | /33909 |
| 54S258 | 8002301 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH THREE-STATE INVERTED OUTPUTS | G15 | /33909 |
| 5442 | /01001 | DECODER, BCD-TO-DECIMAL | G18 | 8607601 |
| 5445 | /01004 | DECODER, BCD-TO-DECIMAL | G18 | 8509601 |
| 5446 | /01006 | DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS | G44 | |
| 5447 | /01007 | DECODER, BCD-TO-7-SEGMENT, WITH OPEN-COLLECTOR OUTPUTS | G44 | 7604501 |
| 5448 | /01008 | DECODER, BCD-TO-7-SEGMENT | G37 | |
| 5480 | /00604 | ADDER, FULL | G14 | |
| 5482 | /00601 | ADDER, 2-BIT | G21 | /34101 |
| 5483 | /00602 | ADDER, 4-BIT | G36 | /34101 |
| 5485 | /15001 | MAGNITUDE COMPARATOR, 4-BIT | G31 | /31001 |
| 54S85 | /08201 | MAGNITUDE COMPARATOR, 4-BIT | G31 | /31001 |
| 54C85 | 7703701 | MAGNITUDE COMPARATOR, 4-BIT | G31 | 8601701 |
| 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 | /30702 |
| 82S62 | 5962-8754301 | PARITY GENERATOR/CHECKER, 9-BIT | G15 | /34801 |
| 9304 | /00603 | ADDER, DUAL | G22 | |

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 |
|-----------------------------------|--|---|-------------------------------------|----------------------|
| Combinational gates 4 - Continued | | | | |
| 9309 | /01404 | DATA SEL/MULTIPLEXER, DUAL 4-INPUT | G16 | 7601101 |
| 9312 | /01402 | DATA SEL/MULTIPLEXER, 8-INPUT | G17 | |
| 9322 | /01405 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT | G19 | /33905 |
| 9324 | /15002 | MAGNITUDE COMPARATOR, 5-BIT | G32 | |
| 9341 | /01101* | ALU/FUNCTION GENERATOR, 4-BIT | G63 | /30702 |
| 9342 | /01102 | LOOK AHEAD CARRY GENERATOR | G19 | |
| 9383 | /00602 | ADDER, 4-BIT | G36 | /34101 |
| Sequential registers/counters 5 | | | | |
| 14035B | 8101702 | SHIFT REGISTER, 4-BIT PARALLEL-IN/PARALLEL-OUT | N | |
| 25S09 | 5962-8672801 | SHIFT REGISTER, QUAD 2-INPUT | G38 | /34901 |
| 25S10 | 5962-8671801 | SHIFT REGISTER, 4-BIT, WITH THREE-STATE OUTPUTS | G29 | 8601001 |
| 25LS299 | 7802402 | SHIFT/STORAGE REGISTER, 8-BIT UNIVERSAL | N | |
| 25LS399 | 5962-8670801 | REGISTER, QUAD TWO-INPUT, HIGH-SPEED | G38 | /34901 |
| 29C921 | 5962-8851603 | REGISTER, BUS INTERFACE, 10-WIDE, HIGH PERFORMANCE | G52 | |
| 29C923 | 5962-8851604 | REGISTER, BUS INTERFACE, 9-WIDE, HIGH PERFORMANCE | G50 | |
| 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 | |
| 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 | |
| 4017A | /05601 | DECADE COUNTER | G47 | |
| 4017B | /05651 | DECADE COUNTER | G47 | |
| 4018A | /05602 | COUNTER, DIVIDE-BY-N | G57 | |
| 4018B | /05652 | COUNTER, DIVIDE-BY-N | G57 | |
| 4020A | /05603 | BINARY COUNTER, 14-STAGE | G132 | |
| 4020B | /05653 | BINARY COUNTER, 14-STAGE | G132 | |
| 4021A | /05704 | SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT | G55 | 7901201 |
| 4021B | /05754 | SHIFT REGISTER, STATIC | G55 | |
| 4021B | 7901201 | SHIFT REGISTER, STATIC | G55 | |
| 4022A | /05604 | COUNTER, DIVIDE-BY-8 | G39 | |
| 4022B | /05654 | COUNTER, DIVIDE-BY-8 | G39 | |
| 4024A | /05605 | BINARY COUNTER, 7-STAGE | G81 | |
| 4024B | /05655 | BINARY COUNTER, 7-STAGE | G81 | |
| 4029B | 8101602 | COUNTER, 4-BIT SYNCHRONOUS UP/DOWN | G40 | |
| 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 | |
| 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 | |
| 4040B | 7705801 | BINARY COUNTER, 12-BIT | G113 | 8501501 |
| 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 40948 | /17501 7702501 | SHIFT REGISTER, D-TYPE, 4-BIT SHIFT REGISTER/LATCH, 8-STAGE, THREE-STATE OUTPUTS | G52 G132 | |
| 45208 45578 | 7702301 7901601 | BINARY COUNTER, DUAL UP/DOWN SHIFT REGISTER, 1-TO-64 BIT | G80 N | |
| 54160 | /01303 | DECADE COUNTER, 4-BIT SYNCHRONOUS BCD | G60 | 7700801 |
| 54161 | /01306 | BINARY COUNTER, 4-BIT SYNCHRONOUS | G57 | 7600901 |
| 54162 | /01305 | DECADE COUNTER, 4-BIT SYNCHRONOUS | G60 | /31513 |
| 54163A | /01304 | BINARY COUNTER, 4-BIT SYNCHRONOUS | G58 | /34304 |
| 54L164 | /02802 | REGISTER, 8-BIT | G36 | |
| 54164 | /00903 | SHIFT REGISTER, 8-BIT PARALLEL-OUT | G36 | /30606 |
| 54165 | /00904 | SHIFT REGISTER, 8-BIT PARALLEL/SERIAL INPUT | G62 | 7700601 |
| 54192 | /01308 | DECADE COUNTER, 4-BIT SYNCHRONOUS UP/DOWN | G50 | 7603401 |
| 54L193 | /02503 | COUNTER, 4-BIT SYNCHRONOUS UP/DOWN | G48 | 7600601 |
| 54193 | /01309 | BINARY COUNTER, 4-BIT SYNCHRONOUS UP/DOWN | G48 | 7600601 |
| 54S194 | /07601 | SHIFT REGISTER, 4-BIT BIDIRECTIONAL | G47 | 7802301 |
| 54194 | /00905 | SHIFT REGISTER, 4-BIT BIDIRECTIONAL | G47 | /30603 |
| 54S194 | 7604001 | SHIFT REGISTER, 4-BIT BIDIRECTIONAL | G47 | 7802301 |
| 54195 | /00906 | SHIFT REGISTER, 4-BIT BIDIRECTIONAL | G41 | /30603 |
| 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 | 7603201 |
| 5492 | /01301 | COUNTER, DIVIDE-BY-TWELVE | G26 | |
| 54L93 | /02502 | BINARY COUNTER, 4-BIT | G25 | 7604501 |
| 5493 | /01302 | BINARY COUNTER, 4-BIT | G25 | 7604501 |
| 54L95 | /02801 | REGISTER, 4-BIT | G37 | /30604 |
| 5495 | /00901 | SHIFT REGISTER, 4-BIT | G37 | /30604 |
| 5496 | /00902 | SHIFT REGISTER, 5-BIT | G39 | /30605 |
| 76L70 | /02805 | REGISTER, 8-BIT, SERIAL-IN, PARALLEL-OUT | G36 | |
| 93L00 | /02804 | REGISTER, 4-BIT | G40 | |
| 93S16 | 5962-8672701 | BINARY COUNTER, 4-BIT | G50 | /34303 |
| 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 | 5962-8686401 |
| (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 | |
| 82S16 | 8602301 | STATIC RAM, 256 X 1 | B256 | |
| 93415 | /23101 | STATIC RAM, 1K X 1, WITH OPEN-COLLECTOR OUTPUTS, 60 NS ACCESS TIME | B1024 | |

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 | | | | |
| 93L415 | /23103 | STATIC RAM, 1K X 1, LOW-POWER, WITH OPEN-COLLECTOR OUTPUTS, 70 NS ACCESS TIME | B1024 | |
| 93422 | /23110 | STATIC RAM, 256 X 4, WITH THREE-STATE OUTPUTS, 60 NS ACCESS TIME | B1024 | |
| 93L422 | /23112 | STATIC RAM, 256 X 4, LOW-POWER, WITH THREE-STATE OUTPUTS, 75 NS ACCESS TIME | B1024 | |
| 93422A | /23114 | STATIC RAM, 256 X 4, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME | B1024 | |
| 93L422A | /23115 | STATIC RAM, 256 X 4, LOW-POWER, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME | B1024 | |
| 93425 | /23102 | STATIC RAM, 1K X 1, WITH THREE-STATE OUTPUTS, 60 NS ACCESS TIME | B1024 | |
| 93L425 | /23104 | STATIC RAM, 1K X 1, LOW-POWER, WITH THREE-STATE OUTPUTS, 70 NS ACCESS TIME | B1024 | |
| 93425 | /23106 | STATIC RAM, 1K X 1, WITH THREE-STATE OUTPUTS, 60 NS ACCESS TIME | B1024 | |
| 93425A | /23108 | STATIC RAM, 1K X 1, WITH THREE-STATE OUTPUTS, 45 NS ACCESS TIME | B1024 | |
| 93L425A | /23113 | STATIC RAM, 1K X 1, LOW-POWER, WITH THREE-STATE OUTPUTS, 50 NS ACCESS TIME | B1024 | |
| ROM/PROM/PAL 7 | | | | |
| (SEE DWG) | 7902401 | PROM, 1K X 8, POWER SWITCHED, 90 NS ACCESS TIME | B8192 | |
| (SEE DWG) | 8001202 | PROM, UV ERASABLE, 4K X 8, 450 NS ACCESS TIME | B32768 | |
| (SEE DWG) | 8001205 | PROM, UV ERASABLE, 4K X 8, 350 NS ACCESS TIME | B32768 | |
| (SEE DWG) | 8001206 | PROM, UV ERASABLE, 4K X 8, 450 NS ACCESS TIME | B32768 | |
| (SEE DWG) | 8202501 | PROM, UV ERASABLE, 16K X 8, 450 NS ACCESS TIME | B131072 | 8203602 |
| (SEE DWG) | 8202502 | PROM, UV ERASABLE, 16K X 8, 250 NS ACCESS TIME | B131072 | 8300102 |
| (SEE DWG) | 5962-8683004 | PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME | B65536 | 5962-8683008 |
| (SEE DWG) | 5962-8683008 | PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME | B65536 | 5962-8683009 |
| (SEE DWG) | 5962-8683009 | PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME | B65536 | 5962-8683009 |
| (SEE DWG) | 5962-8683010 | PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME | B65536 | 5962-8683009 |
| (SEE DWG) | 8202508 | PROM, UV ERASABLE, 16K X 8, 200 NS ACCESS TIME | B131072 | 8202507 |
| (SEE DWG) | 5962-8683003 | PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME | B65536 | 5962-8683005 |
| PAL16X4 | /50405 | PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR EXCLUSIVE OR | N | |
| PAL16A4 | /50406 | PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-CARRY-OR EXCLUSIVE OR | N | |
| PAL16R4 | 8103604 | PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-OR | N | 8103613 |
| PAL16X4 | 8103605 | 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 | 8103606 | PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-CARRY-OR EXCLUSIVE OR | N | |
| 27C256-200 | /27602 | PROM, UV ERASABLE, 32K X 8 | B262144 | |
| 27C256-250 | /27601 | PROM, UV ERASABLE, 32K X 8, 250 NS ACCESS TIME | B262144 | |
| 27256-30 | 8411105 | PROM, UV ERASABLE, 32K X 8, 300 NS ACCESS TIME | B262144 | 8412901 |
| 27256-35 | 8411101 | PROM, UV ERASABLE, 32K X 8, 350 NS ACCESS TIME | B262144 | 8412901 |
| 27C64-12 | 8510205 | PROM, UV ERASABLE, 8K X 8, 120 NS ACCESS TIME | B65536 | |
| 27C64-15 | 8510206 | PROM, UV ERASABLE, 8K X 8, 150 NS ACCESS TIME | B65536 | |
| 27HC64-155 | /27402 | PROM, UV ERASABLE, 8K X 8, 55 NS ACCESS TIME | B65536 | |
| 27HC64-170 | /27401 | PROM, UV ERASABLE, 8K X 8, 70 NS ACCESS TIME | B65536 | |
| 27C64-20 | 8510203 | PROM, UV ERASABLE, 8K X 8, 200 NS ACCESS TIME | B65536 | |
| 27C64-25 | 8510201 | PROM, UV ERASABLE, 8K X 8, 250 NS ACCESS TIME | B65536 | |
| 27C64-35 | 8510202 | PROM, UV ERASABLE, 8K X 8, 350 NS ACCESS TIME | B65536 | |
| 53S440 | /20601 | PROM, 1K X 4, WITH OPEN-COLLECTOR OUTPUTS | B4096 | |
| 54S572 | /20601 | PROM, 1K X 4, WITH OPEN-COLLECTOR OUTPUTS | B4096 | |
| 7640 | /20801 | PROM, 512 X 8, WITH OPEN-COLLECTOR OUTPUTS | B4096 | |
| 7642 | /20601 | PROM, 1K X 4, WITH OPEN-COLLECTOR OUTPUTS | B4096 | |
| 82S136 | /20601 | PROM, 1K X 4, WITH OPEN-COLLECTOR OUTPUTS | B4096 | |
| 93452 | /20601 | PROM, 1K X 4, WITH OPEN-COLLECTOR OUTPUTS | B4096 | |
| 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 | |
| MKB68000-6 | 8202101 | MICROPROCESSOR, 16-BIT FIXED INSTRUCTION | G12667 | 8202103 |
| 68020-12 | 5962-8603201 | MICROPROCESSOR, 32-BIT | N | |
| 68881-12 | 5962-8602101 | COPROCESSOR, FLOATING-POINT | N | 8602701 |
| 80C451 | 5962-8972601 | MICROCONTROLLER, I/O EXPANDED | N | |
| 8080A | /42001 | MICROPROCESSOR, 8-BIT, FIXED INSTRUCTION | G1100 | /47601 |
| 8080A | 7700201 | MICROPROCESSOR, 8-BIT, FIXED INSTRUCTION | G1100 | /47601 |
| 8085A | 7901001 | MICROPROCESSOR, 8-BIT, N-CHANNEL, FIXED INSTRUCTION | G2067 | /48003 |
| 8251A | 5962-8754802 | COMMUNICATION INTERFACE, PROGRAMMABLE | N | 5962-8760302 |
| 9914A | 5962-8751901 | CONTROLLER, GPIB | N | |
| SBP9989 | /46501 | MICROPROCESSOR, 16-BIT | 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 |
|---------------------------------|--|--|-------------------------------------|----------------------|
| Operational amplifiers 9 | | | | |
| OP-15A | 5962-8954201 | OP AMP, JFET-INPUT | N | /13101 |
| OP-16A | 5962-8954301 | OP AMP, JFET-INPUT | N | /11202 |
| 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 |
| DG405 | 5962-8996901 | OP AMP, QUAD, SINGLE SUPPLY | N | |
| LM709 | 7800701 | OP AMP, GENERAL PURPOSE | N | 8301301 |
| Comparators 10 | | | | |
| LM106 | /10303 | VOLT. COMPARATOR, HIGH-SPEED | T13 | 5962-8965202 |
| LM106 | 8003701 | VOLT. COMPARATOR, HIGH-SPEED | T13 | 5962-8965202 |
| HA-4902 | 5962-8686001 | VOLT. COMPARATOR, QUAD, PRECISION | N | |
| 710 | /10301 | VOLT. COMPARATOR, DIFFERENTIAL | T9 | 5962-8965202 |
| 711 | /10302 | VOLT. COMPARATOR, DUAL DIFFERENTIAL | T18 | /10201 |
| 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 | 7704003 |
| 7912A | 5962-8874701 | VOLT. REGULATOR, FIXED, NEGATIVE, -12V, 1.0A | N | 7704003 |
| 7915A | 5962-8874801 | VOLT. REGULATOR, FIXED, NEGATIVE, -15V, 1.0A | N | 7704005 |
| Drivers/Receivers 13 | | | | |
| (SEE DWG) | 5962-8987701 | TRANSCEIVER, DUAL, RS232 | N | |
| 0026 | 7800802 | CLOCK DRIVER, MOS, DUAL | G18 | |
| 0056 | 7800801 | CLOCK DRIVER, MOS, DUAL, WITH VBB CONNECTION | N | |
| CT1487D | 5962-8757907 | BUS TRANSCEIVER, DUAL CHANNEL, LOW-POWER | N | |
| CT-1487M | 5962-8604905 | DRIVER-RECEIVER, SINGLE CHANNEL (INTERFACES WITH MANCHESTER ENCODER-DECODER) | N | |
| DS1632 | 5962-9052201 | PERIPHERAL DRIVER, DUAL NAND, CMOS COMPATIBLE OPEN COLLECTOR | N | |
| 1854 | 7901701 | BUS TRANSCEIVER, UART | N | |
| 26S10 | 5962-8672001 | BUS TRANSCEIVER, QUAD | G9 | |
| 26S12 | 5962-8753401 | BUS TRANSCEIVER, QUAD | T9 | |
| 26S12A | 5962-8753402 | BUS TRANSCEIVER, QUAD | T9 | |
| 26LS32A | 7802003 | LINE RECEIVER, QUAD DIFFERENTIAL | G5 | 7802001 |

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 |
|--------------------------------------|--|---|-------------------------------------|-------------------------|
| Drivers/Receivers 13 - Continued | | | | |
| 26LS33A 2946 | 7802004 5962-8672302 | LINE RECEIVER, QUAD DIFFERENTIAL BUS TRANSCEIVER, OCTAL BIDIRECTIONAL, WITH INVERTING THREE-STATE OUTPUTS | G5 N | 7802002 5962-8688001 |
| 54AS640 | 5962-8955301 | BUS TRANSCEIVER, OCTAL, WITH THREE-STATE OUTPUTS | N | |
| 54AS646 | 5962-8759501 | BUS TRANSCEIVER AND REGISTER, OCTAL, WITH THREE-STATE OUTPUTS | G136 | |
| 54AS651 | 5962-8875301 | BUS TRANSCEIVER/REGISTER, OCTAL INVERTING, WITH THREE-STATE OUTPUTS | N | |
| 54AS652 | 5962-8868701 | BUS TRANSCEIVER/REGISTER, OCTAL NONINVERTING, WITH THREE-STATE OUTPUTS | N | |
| 55189 55450 55460 BUS-63105 | 5962-8688801 /12901 /12906 5962-8604901 | LINE RECEIVER, QUAD PERIPHERAL DRIVER, DUAL NAND PERIPHERAL DRIVER, DUAL NAND DRIVER-RECEIVER, SINGLE CHANNEL (INTERFACES WITH MANCHESTER ENCODER-DECODER) | T3 G10 G10 N | 8200903 |
| BUS-63125 7831 | 5962-8757901 8004101 | BUS TRANSCEIVER, DUAL CHANNEL LINE DRIVER/RECEIVER, DUAL DIFFERENTIAL, W/OUTPUT DIODE CLAMPING | N G60 | 5962-8765003 |
| 7832 BUS-8553 | 8004102 5962-8604905 | LINE DRIVER/RECEIVER, DUAL DIFFERENTIAL DRIVER-RECEIVER, SINGLE CHANNEL (INTERFACES WITH MANCHESTER ENCODER-DECODER) | G60 N | |
| 9622 | 5962-8752201 | LINE RECEIVER, DUAL | T16 | /10405 |
| D/A converters 16 | | | | |
| 1020 1218 1220 AD558T | /12705 /12707 /12706 5962-8778901 | D/A CONVERTER, 10-BIT D/A CONVERTER, 12-BIT D/A CONVERTER, 12-BIT D/A CONVERTER, 8-BIT, WITH FULL MICROPROCESSOR INTERFACE | N N N N | 5962-8753103 |
| 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/DEMUTIPLEXER, FOUR-POLE, DOUBLE-THROW | N | |
| DG180A | 5962-8767301 | ANALOG SWITCH, DUAL SPST | N | /11104 |
| 4016A | /05801 | ANALOG SWITCH, QUAD | G4 | |
| 4016B | /05851 | ANALOG SWITCH, SPST, 4-CHANNEL | G4 | |
| 4052B | 7901501 | ANALOG MULTIPLEXER/DEMUTIPLEXER, DIFFERENTIAL 4-CHANNEL | N | |
| 4053B | 8101801 | ANALOG MULTIPLEXER/DEMUTIPLEXER, TRIPLE 2-CHANNEL | N | |
| 4066A | /05802 | ANALOG SWITCH, SPST, 4-CHANNEL | G4 | |
| 4066B | /05852 | ANALOG SWITCH, SPST, 4-CHANNEL | G4 | 5962-8956801 |

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 switches/multiplexers 18 - Continued | | | | |
| 4067B 4097B | /17801 /17802 | ANALOG MULTIPLEXER, 16-CHANNEL ANALOG MULTIPLEXER, 8-CHANNEL DIFFERENTIAL | G80 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 | |

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 QPL 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 | |
| 54S11 | 08001 | AND GATE, TRIPLE 3-INPUT | G3 | |
| 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 | |
| 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 | |
| 54H54 | 04004 | AND-OR-INVERT GATE, 2-2-2-3 INPUT | G5 | |
| 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 | M | |
| Buffers 2 | | | | |
| 1856 | 47601 | BUS BUFFER/SEPARATOR, 4-BIT | G20 | |
| 1857 | 47602 | BUS BUFFER/SEPARATOR, 4-BIT | G20 | |
| 5428 | 16201 | BUFFER/DRIVER, NOR, QUAD 2-INPUT | G4 | |
| 932 | 03101 | BUFFER, NAND DUAL 4-INPUT | G2 | |
| 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 | |
| 54L121 | 04201 | MULTIVIBRATOR, MONOSTABLE | G8 | |
| 54L122 | 04202 | MULTIVIBRATOR, MONOSTABLE RETRIGGERABLE, W/CLEAR | G10 | |
| 54H72 | 02201 | FLIP-FLOP, JK | G8 | |
| 54H73 | 02202 | FLIP-FLOP, JK, DUAL | G16 | |
| 54H74 | 02203 | FLIP-FLOP, D-TYPE, DUAL | G12 | |
| 54S74 | 07101 | FLIP-FLOP, D-TYPE, DUAL | G12 | |
| 54H76 | 02204 | FLIP-FLOP, JK, DUAL | G16 | |
| 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 | |
| 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 | |
| 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 | |
| 54156 | 15203 | DECODER, DUAL 2-LINE-TO-4-LINE | G15 | |
| 54157 | 04603 | DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH ENABLE | G19 | |
| 54142 | 02901 | DECODER, BCD-TO-DECIMAL | G18 | |
| 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 | |
| 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 | |
| 93L24 | 04401 | COMPARATOR, 5-BIT | G28 | |
| Sequential registers/counters 5 | | | | |
| 54170 | 01801 | REGISTER FILE, 4 X 4 | G100 | |
| 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 | B4096 | |
| TMS4060 | 23503 | STATIC RAM, 4K X 1 | B4096 | |
| MM5280 | 23505 | STATIC RAM, 4K X 1 | B4096 | |
| MM5280 | 23506 | STATIC RAM, 4K X 1 | B4096 | |
| 6508 | 23901 | STATIC RAM, 1K X 4, WITH THREE-STATE OUTPUTS | B1024 | |
| 6518 | 23902 | STATIC RAM, 1K X 4, WITH THREE-STATE OUTPUTS | B1024 | |
| MCM6604A | 23602 | DYNAMIC RAM, 4K X 1, WITH THREE-STATE OUTPUTS | B4096 | |
| MCM6604A | 23604 | STATIC RAM, 4K X 1 | B4096 | |
| MCM6605 | 23601 | DYNAMIC RAM, 4K X 1, WITH THREE-STATE OUTPUTS | B4096 | |
| MCM6605 | 23603 | STATIC RAM, 4K X 1 | B4096 | |
| 6810 | 40201 | STATIC RAM, 128 X 8 | B1083 | |
| AM9130CFC | 23701 | STATIC RAM, 1K X 4 | B4096 | |
| AM9130AFC | 23702 | STATIC RAM, 1K X 4 | B4096 | |
| AM9130CFM | 23703 | STATIC RAM, 1K X 4 | B4096 | |
| AM9130AFM | 23704 | STATIC RAM, 1K X 4 | B4096 | |
| AM91L30CF | 23705 | STATIC RAM, 1K X 4 | B4096 | |
| AM91L30AF | 23706 | STATIC RAM, 1K X 4 | B4096 | |
| AM91L30CFM | 23707 | STATIC RAM, 1K X 4 | B4096 | |
| AM91L30AFM | 23708 | STATIC RAM, 1K X 4 | B4096 | |
| AM9140CFC | 23709 | STATIC RAM, 4K X 1 | B4096 | |
| AM9140AFC | 23710 | STATIC RAM, 4K X 1 | B4096 | |
| AM9140CFM | 23711 | STATIC RAM, 4K X 1 | B4096 | |
| AM9140AFM | 23712 | STATIC RAM, 4K X 1 | B4096 | |
| AM91L40CFC | 23713 | STATIC RAM, 4K X 1 | B4096 | |
| AM91L40AFC | 23714 | STATIC RAM, 4K X 1 | B4096 | |
| AM91L40CFM | 23715 | STATIC RAM, 4K X 1 | B4096 | |
| AM91L40AFM | 23716 | STATIC RAM, 4K X 1 | B4096 | |
| 93410 | 23001 | STATIC RAM, 256 X 1 | B256 | |
| 93411 | 23003 | STATIC RAM, 256 X 1, WITH OPEN-COLLECTOR OUTPUTS | B256 | |
| 93L420 | 23004 | STATIC RAM, 256 X 1, INV. | B256 | |
| 93421 | 23002 | STATIC RAM, 256 X 1, WITH THREE-STATE OUTPUTS | B256 | |
| 93470 | 23301 | STATIC RAM, 4K X 1, WITH OPEN-COLLECTOR OUTPUTS | B4096 | |
| 93471 | 23302 | STATIC RAM, 4K X 1, WITH THREE-STATE OUTPUTS | B4096 | |
| ROM/PROM/PAL 7 | | | | |
| 1832 | 47201 | STATIC ROM, 512 X 8 | B4096 | |
| 2532 | 22201 | PROM, UV ERASABLE, 4K X 8 | N | |
| 2708 | 22001 | PROM, UV ERASABLE, 1K X 8 | B8192 | |
| 2716 | 22101 | PROM, UV ERASABLE, 2K X 8, 450 NS ACCESS TIME | B16384 | |
| NMC2816 | 22601 | PROM, ELECTR. ERASABLE, 2K X 8 | B16384 | |
| 34000 | 40301 | STATIC ROM, 2K X 8, WITH THREE-STATE OUTPUTS | B16384 | |
| 3516E | 40301 | STATIC ROM, 2K X 8, WITH THREE-STATE OUTPUTS | B16384 | |
| HPROM-512 | 20101 | PROM, 64 X 8, WITH OPEN-COLLECTOR OUTPUTS | B512 | |

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 | |
| MCMS303 | 20101 | PROM, 64 X 8, WITH OPEN-COLLECTOR OUTPUTS | B512 | |
| MCMS304 | 20102 | PROM, 64 X 8 | B512 | |
| 1M5603A | 20201 | PROM, 256 X 4 | B1024 | |
| 1M5623 | 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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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- iation level 6/ | NATO |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|-------------------------------|------|
| SEE SPEC | /60504 | | 1 25 3 | A 2 02/26/88 | | 123 | | - |
| SEE SPEC | /60603 | | 1 25 3 | A 1 04/21/88 | | | | - |
| SEE SPEC | /60604 | | 1 25 3 | A 1 04/21/88 | B2 | | | - |
| SEE SPEC | /60608 | | 1 25 3 | A 1 04/21/88 | | | | - |
| SEE SPEC | /60611 | | 1 25 3 | A 1 04/21/88 | B1 | | | - |
| SEE SPEC | /60606 | | 1 25 3 | A 1 04/21/88 | | | | - |
| (SEE SPEC) | /70602 | | 1 25 12 | 10/28/88 | | 122 | | - |
| (SEE SPEC) | /70603 | | 1 25 12 | 10/28/88 | B1 | 122 | | - |
| (SEE SPEC) | /60711 | | 1 25 3 | 07/06/88 | | 123 | | |
| (SEE SPEC) | /60708 | | 1 25 3 | 07/06/88 | | 123 | | |
| (SEE DWG) | | 5962-8869201 | 1 8 16 | / / | | | | |
| (SEE DWG) | | 5962-8869201 | 1 8 16 | / / | | | | |
| (SEE DWG) | | 5962-8869202 | 1 8 16 | / / | | | | |
| (SEE DWG) | | 5962-8869202 | 1 8 16 | / / | | | | |
| 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 | /60505 | | 2 25 3 | A 2 02/26/88 | | 123 | | - |
| SEE SPEC | /60506 | | 2 25 3 | A 2 02/26/88 | B1 | 123 | | F |
| SEE SPEC | /60507 | | 2 25 3 | A 2 02/26/88 | S1 | 123 | | F |
| SEE SPEC | /60508 | | 2 25 3 | A 2 02/26/88 | | 123 | | F |
| SEE SPEC | /60509 | | 2 25 3 | A 2 02/26/88 | | 123 | | F |
| SEE SPEC | /60510 | | 2 25 3 | A 2 02/26/88 | | 123 | | F |
| SEE SPEC | /60511 | | 2 25 3 | A 2 02/26/88 | | 123 | | F |
| SEE SPEC | /60512 | | 2 25 3 | A 2 02/26/88 | B1 S2 | 123 | | F |
| SPE | /62001 | | 2 8 7 | 12/21/87 | B1 | 105 | | L |
| SPE | /62002 | | 2 8 7 | 12/21/87 | | 105 | R | P |
| 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 | | F |
| SEE SPEC | /60517 | | 2 25 3 | A 2 02/26/88 | | 123 | | F |
| SEE SPEC | /60601 | | 2 25 3 | A 1 04/21/88 | B1 | | | F |
| SEE SPEC | /60602 | | 2 25 3 | A 1 04/21/88 | | | | - |
| SEE SPEC | /60605 | | 2 25 3 | A 1 04/21/88 | | | | - |
| SEE SPEC | /60607 | | 2 25 3 | A 1 04/21/88 | | | | - |
| SEE SPEC | /60609 | | 2 25 3 | A 1 04/21/88 | | | | - |
| SEE SPEC | /60610 | | 2 25 3 | A 1 04/21/88 | | | | - |
| 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 | B1 | | | - |
| 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 | B1 | | | - |
| SEE SPEC | /60001 | | 2 25 12 | 2 02/27/87 | S1 | 121 | | |
| SEE SPEC | /60002 | | 2 25 12 | 2 02/27/87 | S1 | 121 | | |
| SEE SPEC | /60003 | | 2 25 12 | 2 02/27/87 | | 121 | | - |
| (SEE SPEC) | /70601 | | 2 25 12 | 10/28/88 | | 122 | | - |
| (SEE SPEC) | /70604 | | 2 25 12 | 10/28/88 | | 122 | | - |
| (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 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 |
|--------------------------------|--------------------------------|---|--|---|------------------------|----------------------------------|------------------------------|------|
| (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 | | 2 25 3 | 11/23/88 | B2 | 123 | | - |
| SEE SPEC | /60812 | | 2 25 3 | 11/23/88 | B2 | 123 | | - |
| (SEE SPEC) | /60813 | | 2 25 3 | 11/23/88 | B2 | 123 | | - |
| (SEE SPEC) | /60814 | | 2 25 3 | 11/23/88 | | 123 | | - |
| (SEE SPEC) | /60815 | | 2 25 3 | 11/23/88 | B2 | 123 | | - |
| (SEE SPEC) | /60816 | | 2 25 3 | 11/23/88 | B2 | 123 | | - |
| (SEE SPEC) | /60817 | | 2 25 3 | 11/23/88 | B2 | 123 | | - |
| (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 | | - |
| (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) | /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 | B2 | 123 | | - |
| (SEE SPEC) | /60707 | | 2 25 3 | 07/06/88 | | 123 | | - |
| (SEE SPEC) | /60709 | | 2 25 3 | 07/06/88 | B2 | 123 | | - |
| (SEE SPEC) | /60710 | | 2 25 3 | 07/06/88 | | 123 | | - |
| (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) | /60812 | | 2 25 3 | 11/23/88 | B2 | 123 | | - |
| (SEE DWG) | | 5962-8770302 | 2 6 12 | / / | | | | - |
| (SEE DWG) | /20802 | 7801601 | 2 7 5 | C 01/31/84 | | 14 | | F |
| (SEE DWG) | | 8001201 | 2 7 7 | / / | | 47 | | - |
| (SEE DWG) | | 8001203 | 2 7 12 | / / | | | | - |
| (SEE DWG) | | 8001204 | 2 7 7 | / / | | 47 | | - |
| (SEE DWG) | | 8102401 | 2 6 3 | / / | | 41 | | F |
| (SEE DWG) | | 8102402 | 2 6 3 | / / | | 41 | | F |
| (SEE DWG) | | 8103906 | 2 6 7 | / / | | | | - |
| (SEE DWG) | | 8103907 | 2 6 7 | / / | | | | - |
| (SEE DWG) | | 8103908 | 2 6 7 | / / | | | | - |
| (SEE DWG) | /21102 | 8200801 | 2 7 5 | 04/01/87 | | 14 | | - |
| (SEE DWG) | | 8200901 | 2 7 5 | / / | | | | - |
| (SEE DWG) | /21204 | 8200902 | 2 7 5 | 11/12/87 | | | | F |
| (SEE DWG) | | 8201001 | 2 6 7 | / / | | 46 | | - |
| (SEE DWG) | | 8201002 | 2 6 7 | / / | | 46 | | - |

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TABLE VI. Cross Reference - Continued.

| Generic/ industry number | Military part no. M38510 | Standardized Military 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) | | 8201003 | 2 6 7 | / / | | 46 | | - |
| (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) | | 8202503 | 2 7 7 | / / | | | | - |
| (SEE DWG) | | 8202504 | 2 7 7 | / / | | | | F |
| (SEE DWG) | | 8202505 | 2 7 7 | / / | | | | - |
| (SEE DWG) | | 8202506 | 2 7 7 | / / | | | | - |
| (SEE DWG) | | 8202507 | 2 7 7 | / / | | | | - |
| (SEE DWG) | /29102 | 8403601 | 2 6 3 | 07/25/85 | | 46 | | F |
| (SEE DWG) | /29104 | 8403602 | 2 6 3 | 07/25/85 | | 46 | | F |
| (SEE DWG) | | 8403603 | 2 6 3 | / / | | | | P |
| (SEE DWG) | /29101 | 8403604 | 2 6 3 | 07/25/85 | | 46 | | P |
| (SEE DWG) | /29103 | 8413201 | 2 6 3 | 07/25/85 | B2 | 46 | | - |
| (SEE DWG) | /29106 | 8413202 | 2 6 3 | 07/25/85 | B2 | 46 | | - |
| (SEE DWG) | | 8515201 | 2 6 7 | / / | | | | F |
| (SEE DWG) | | 8515202 | 2 6 7 | / / | | | | F |
| (SEE DWG) | | 5962-8552501 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8552502 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8552503 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8552504 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8552505 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8606301 | 2 7 3 | / / | | | | - |
| (SEE DWG) | | 5962-8606302 | 2 7 3 | / / | | | | - |
| (SEE DWG) | | 5962-8606303 | 2 7 3 | / / | | | | F |
| (SEE DWG) | | 5962-8670502 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8670503 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8670504 | 2 6 3 | / / | | | | - |
| (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) | | 5962-8671601 | 2 18 3 | / / | | | | - |
| (SEE DWG) | | 5962-8688201 | 2 19 12 | / / | | | | - |
| (SEE DWG) | | 5962-8688202 | 2 19 12 | / / | | | | - |
| (SEE DWG) | | 5962-8688203 | 2 19 12 | / / | | | | - |
| (SEE DWG) | | 8515203 | 2 6 7 | / / | | | | F |
| (SEE DWG) | /22808 | 5962-8683001 | 2 7 7 | 09/22/87 | | | | F |
| (SEE DWG) | /22807 | 5962-8683002 | 2 7 7 | 09/22/87 | | | | - |
| (SEE DWG) | /22809 | 5962-8683005 | 2 7 7 | 09/22/87 | | | | - |
| (SEE DWG) | /22804 | 5962-8683006 | 2 7 7 | 09/22/87 | B2 | | | - |
| (SEE DWG) | /22802 | 5962-8683007 | 2 7 7 | 09/22/87 | | | | - |
| (SEE DWG) | | 5962-8670501 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8765002 | 2 7 3 | / / | | | | P |
| (SEE DWG) | | 7802201 | 2 7 7 | / / | | 47 | | - |
| (SEE DWG) | | 5962-8770301 | 2 6 12 | / / | | | | - |
| (SEE DWG) | | 5962-8770303 | 2 6 12 | / / | | | | P |
| (SEE DWG) | | 5962-8764901 | 2 7 7 | / / | | | | - |
| (SEE DWG) | | 5962-8764902 | 2 7 7 | / / | | | | P |
| (SEE DWG) | | 5962-8774401 | 2 7 7 | / / | | | | P |
| (SEE DWG) | | 5962-8774402 | 2 7 7 | / / | | | | P |
| (SEE DWG) | /29110 | 8403606 | 2 6 3 | 07/25/85 | | | | 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 |
|--------------------------------|--------------------------------|---|---|---|--------------------------|----------------------------------|------------------------------|------|
| (SEE DWG) | /21101 | 8202509 | 2 7 7 | / / | 04/01/87 | 47 | | - |
| (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) | | 8200903 | 2 7 5 | / / | | | | - |
| (SEE DWG) | | 7802205 | 2 7 7 | / / | | | | - |
| (SEE DWG) | | 7802206 | 2 7 7 | / / | | | | - |
| (SEE DWG) | | 7802207 | 2 7 7 | / / | | | | - |
| (SEE DWG) | | 7802208 | 2 7 7 | / / | | | | - |
| (SEE DWG) | | 7802209 | 2 7 7 | / / | | | | - |
| (SEE DWG) | | 8200802 | 2 7 5 | / / | | | | F |
| (SEE DWG) | | 8200803 | 2 7 5 | / / | | | | F |
| (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) | | 8403616 | 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) | /24501 /24502 | 8102403 | 2 6 3 | / / | A 01/28/87 A 01/28/87 | B1 | | P |
| (SEE DWG) | | 8102404 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 8102405 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 8102406 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8766107 | 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) | | 5962-8765001 | 2 7 3 | / / | | | | - |
| (SEE DWG) | | 7801602 | 2 7 12 | / / | | | | - |
| (SEE DWG) | | 5962-8751301 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8751302 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8751303 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8751304 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8751305 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8751306 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 7902402 | 2 7 5 | / / | | | | - |
| (SEE DWG) | | 5962-8764903 | 2 7 7 | / / | | | | - |
| (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) | | 5962-8552506 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8552507 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8552508 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8552509 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8552510 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8552511 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8552512 | 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) | | 5962-8552513 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8859501 | 2 6 7 | / / | | | | F |
| (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 | / / | | | | F |
| (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 | / / | | | | F |
| (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) | | 5962-8751501 | 2 7 3 | / / | | | | - |
| (SEE DWG) | | 5962-8751502 | 2 7 3 | / / | | | | - |
| (SEE DWG) | | 5962-8751503 | 2 7 3 | / / | | 42 | | - |
| (SEE DWG) | | 5962-8751504 | 2 7 3 | / / | | 42 | | - |
| (SEE DWG) | | 5962-8751505 | 2 7 3 | / / | | | | - |
| (SEE DWG) | | 5962-8751506 | 2 7 3 | / / | | | | - |
| (SEE DWG) | | 5962-8855201 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8855202 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8855203 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8855204 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8601501 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8601502 | 2 6 3 | / / | | | | - |
| (SEE DWG) | /29202 | 5962-8601503 | 2 6 3 | 09/30/87 | | 41 | | - |
| (SEE DWG) | | 5962-8601504 | 2 6 3 | / / | | | | - |
| (SEE DWG) | /29201 | 5962-8601505 | 2 6 3 | 09/30/87 | | 41 | | - |
| (SEE DWG) | /29203 | 5962-8601506 | 2 6 3 | 09/30/87 | | 41 | | - |
| (SEE DWG) | | 5962-8601507 | 2 6 3 | / / | | | | - |
| (SEE DWG) | /29204 | 5962-8601508 | 2 6 3 | 09/30/87 | | 41 | | - |
| (SEE DWG) | | 5962-8765101 | 2 7 3 | / / | | | | - |
| (SEE DWG) | | 5962-8851801 | 2 7 3 | / / | | | | - |
| (SEE DWG) | | 5962-8851802 | 2 7 3 | / / | | | | - |
| (SEE DWG) | | 5962-8851803 | 2 7 3 | / / | | | | P |
| (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 | / / | | | | - |

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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) | | 5962-8685905 | 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) | | 5962-8859401 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8859402 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8859403 | 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) | | 5962-8858801 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8858802 | 2 6 3 | / / | | | | - |
| (SEE DWG) | | 5962-8858803 | 2 6 3 | / / | | | | - |
| (SEE DWG) | /26107 | 5962-8852501 | 2 7 3 | 03/27/89 | | | | - |
| (SEE DWG) | /26108 | 5962-8852502 | 2 7 3 | 03/27/89 | | | | - |
| (SEE DWG) | /26109 | 5962-8852503 | 2 7 3 | 03/27/89 | | | | - |
| (SEE DWG) | /26110 | 5962-8852504 | 2 7 3 | 03/27/89 | | | | - |
| (SEE DWG) | /26112 | 5962-8852505 | 2 7 3 | 03/27/89 | B2 | | | - |
| (SEE DWG) | /26111 | 5962-8852506 | 2 7 3 | 03/27/89 | B2 | | | - |
| (SEE DWG) | | 5962-8852507 | 2 7 3 | / / | | | | - |
| (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) | /28901 | 5962-8858702 | 2 6 3 | 1 12/04/86 | | | | - |
| (SEE DWG) | | 5962-8686401 | 2 7 3 | / / | | | | - |
| (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) | | 5962-8854401 | 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) | | 5962-8752901 | 2 7 3 | / / | | | | - |
| (SEE DWG) | | 5962-8752902 | 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 | GPL status 3/ 4/ | Micro- circuit group 5/ | Rad- ation level 6/ | NATO |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| (SEE DWG) | | 8413209 | 2 6 3 | / / | | 46 | | - |
| (SEE DWG) | | 5962-8765003 | 2 7 3 | / / | | | | F |
| (SEE DWG) | | 5962-8765004 | 2 7 3 | / / | | | | - |
| (SEE DWG) | /26001 | 5962-8751401 | 2 7 3 | 01/06/89 | 82 | 42 | | - |
| (SEE DWG) | /26002 | 5962-8751402 | 2 7 3 | 01/06/89 | | 42 | | - |
| (SEE DWG) | /26003 | 5962-8751403 | 2 7 3 | 01/06/89 | 82 | 42 | | - |
| (SEE DWG) | /26004 | 5962-8751404 | 2 7 3 | 01/06/89 | 82 | 42 | | - |
| (SEE DWG) | /26005 | 5962-8751405 | 2 7 3 | 01/06/89 | B1 82 | 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) | /26007 | 5962-8751423 | 2 7 3 | 01/06/89 | 82 | 42 | | - |
| (SEE DWG) | | 5962-8751424 | 2 7 3 | / / | | | | - |
| (SEE DWG) | /26006 | 5962-8751425 | 2 7 3 | 01/06/89 | S1 | 42 | | - |
| (SEE DWG) | | 5962-8751426 | 2 7 3 | / / | | | | - |
| (SEE DWG) | | 5962-8751427 | 2 7 3 | / / | | | | - |
| (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) | | 5962-8851501 | 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) | /21103 | 8200804 | 2 7 5 | 04/01/87 | | | | - |
| (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) | | 5962-8861001 | 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) | | 5962-8864601 | 2 12 26 | / / | | | | - |
| (SEE DWG) | | 5962-8873501 | 2 7 3 | / / | | | | - |

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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| (SEE DWG) | | 5962-8873502 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8873503 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8873504 | 2 7 3 | / / | | | | F |
| (SEE DWG) | | 5962-8867601 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8867602 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8867603 | 2 7 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) | | 5962-8954001 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8954002 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8953801 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8953802 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8953701 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8953702 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8869001 | 2 7 3 | / / | | | | - |
| (SEE DWG) | | 5962-8869002 | 2 7 3 | / / | | | | - |
| (SEE DWG) | | 5962-8606308 | 2 7 3 | / / | | | | - |
| (SEE DWG) | | 5962-8874001 | 2 6 3 | / / | | | | |
| (SEE DWG) | | 5962-8874002 | 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) | | 5962-8954601 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8954602 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8954603 | 2 7 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) | | 5962-8959801 | 2 6 3 | / / | | | | |
| (SEE DWG) | | 5962-8959802 | 2 6 3 | / / | | | | |
| (SEE DWG) | | 5962-8959803 | 2 6 3 | / / | | | | |
| (SEE DWG) | | 5962-8959804 | 2 6 3 | / / | | | | |
| (SEE DWG) | | 5962-8877801 | 2 16 3 | / / | | | | |
| (SEE DWG) | | 5962-8877802 | 2 16 3 | / / | | | | |
| (SEE DWG) | | 5962-8854801 | 2 7 21 | / / | | | | |
| (SEE DWG) | | 5962-8952101 | 2 12 12 | / / | | | | |
| (SEE DWG) | | 5962-8952001 | 2 12 12 | / / | | | | |
| (SEE DWG) | | 5962-8863501 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8854901 | 2 7 8 | / / | | | | |
| (SEE DWG) | | 5962-8854902 | 2 7 8 | / / | | | | |
| ADC-HX | | 5962-8850801 | 2 17 12 | / / | | | | |
| ADC-HZ | | 5962-8850802 | 2 17 12 | / / | | | | |
| (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) | | 5962-8952301 | 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) | | 5962-8966401 | 2 8 3 | / / | | | | |
| (SEE DWG) | | 5962-8966402 | 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) | | 5962-8966101 | 2 8 3 | / / | | | | |
| (SEE DWG) | | 5962-8966102 | 2 8 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) | | 5962-8961401 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8961402 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8961403 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8961404 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8961405 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8961406 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8969001 | 2 6 3 | / / | | | | |
| (SEE DWG) | | 5962-8969002 | 2 6 3 | / / | | | | |
| (SEE DWG) | | 5962-8766108 | 2 7 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 | / / | | | | |
| (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) | | 5962-8671602 | 2 18 3 | / / | | | | |
| (SEE DWG) | | 5962-8969101 | 2 6 3 | / / | | | | |
| (SEE DWG) | | 5962-8969102 | 2 6 3 | / / | | | | |
| (SEE DWG) | | 5962-8969104 | 2 6 3 | / / | | | | |
| (SEE DWG) | | 5962-8969106 | 2 6 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) | | 5962-8969201 | 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) | | 5962-8875101 | 2 13 12 | / / | | | | |
| (SEE DWG) | | 5962-8875102 | 2 13 12 | / / | | | | |
| (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) | | 5962-8988301 | 2 6 3 | / / | | | | |
| (SEE DWG) | | 5962-8988302 | 2 6 3 | / / | | | | |
| (SEE DWG) | | 5962-8988303 | 2 6 3 | / / | | | | |
| (SEE DWG) | | 5962-8969106 | 2 6 3 | / / | | | | |
| DAC-HKB | | 5962-8952801 | 2 16 16 | / / | | | | |
| (SEE DWG) | | 5962-8956701 | 2 8 3 | / / | | | | |
| (SEE DWG) | | 5962-8956702 | 2 8 3 | / / | | | | |
| (SEE DWG) | | 5962-8956703 | 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) | | 5962-8956704 | 2 8 3 | / / | | | | |
| (SEE DWG) | | 5962-8956705 | 2 8 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) | | 5962-8989101 | 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) | | 5962-9075401M | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-9075402M | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-9075403M | 2 7 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 | / / | | | | |
| DAC-HPB | | 5962-8953101H | 2 16 16 | / / | | | | |
| DAC-HPB-1 | | 5962-8953102H | 2 16 16 | / / | | | | |
| (SEE DWG) | | 5962-8998101 | 2 12 12 | / / | | | | |
| (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) | | 5962-8966601 | 2 8 3 | / / | | | | |
| (SEE DWG) | | 5962-8966601 | 2 8 3 | / / | | | | |
| (SEE DWG) | | 5962-8966602 | 2 8 3 | / / | | | | |
| (SEE DWG) | | 5962-8966603 | 2 8 3 | / / | | | | |
| (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) | | 5962-8959001 | 2 7 3 | / / | | | | |
| (SEE DWG) | | 5962-8869203 | 2 8 16 | / / | | | | |
| (SEE DWG) | | 5962-8869204 | 2 8 16 | / / | | | | |
| (SEE DWG) | | 7902401 | 3 7 5 | / / | | | | |
| (SEE DWG) | | 8001202 | 3 7 7 | / / | | 47 | | L |
| (SEE DWG) | | 8001205 | 3 7 7 | / / | | 47 | | - |
| (SEE DWG) | | 8001206 | 3 7 7 | / / | | 47 | | - |
| (SEE DWG) | | 8202501 | 3 7 7 | / / | | | | - |
| (SEE DWG) | | 8202502 | 3 7 7 | / / | | | | - |
| (SEE DWG) | /29105 | 8403605 | 3 6 3 | 07/25/85 | B1 | 46 | | F |
| (SEE DWG) | | 5962-8683004 | 3 7 7 | / / | | | | - |
| (SEE DWG) | | 5962-8683008 | 3 7 7 | / / | | | | - |
| (SEE DWG) | | 5962-8683009 | 3 7 7 | / / | | | | - |
| (SEE DWG) | | 5962-8683010 | 3 7 7 | / / | | | | - |
| (SEE DWG) | | 8101501 | 3 6 7 | / / | | | | L |
| (SEE DWG) | | 8202508 | 3 7 7 | / / | | | | - |
| (SEE DWG) | | 8102407 | 3 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) | | 5962-8858701 | 3 6 3 | / / | | | | |
| (SEE DWG) | | 5962-8987701 | 3 13 3 | / / | | | | |
| (SEE DWG) | | 5962-8683003 | 3 7 7 | / / | | | | - |
| (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 | / / | | | | |
| LH0002 | | 7801301 | 1 9 16 | / / | | | | L |
| LH0002 | | 7801301 | 1 9 16 | / / | | | | L |
| LH0002 | | 7801301 | 1 9 16 | / / | | | | L |
| LH0002 | | 7801301 | 2 9 16 | / / | | | | L |
| 0006 | | 5962-8761701 | 1 13 16 | / / | | | | - |
| 0008 | | 5962-8761702 | 1 13 16 | / / | | | | - |
| LH0021 | | 8508801 | 1 9 16 | / / | | | | - |
| LH0021 | | 8508801 | 2 9 16 | / / | | | | - |
| 0026 | | 7800802 | 3 13 14 | / / | | | | L |
| MMH0026 | /03501 | | 4 13 14 | B 02/28/84 | | 53 | | L |
| ADC00300 | | 5962-8854201 | 2 17 16 | / / | | 53 | | L |
| 0032 | | 8001301 | 1 9 16 | / / | | | | - |
| 0032 | | 8001301 | 1 9 16 | / / | | | | - |
| 0032 | | 8001301 | 1 9 16 | / / | | | | - |
| 0032 | | 8001301 | 2 9 16 | / / | | | | - |
| LH0033 | | 8001401 | 1 9 16 | / / | | | | - |
| LH0033 | | 8001401 | 1 9 16 | / / | | | | - |
| LH0033 | | 8001401 | 1 9 16 | / / | | | | - |
| LH0033 | | 8001401 | 1 9 16 | / / | | | | - |
| LH0033 | | 8001401 | 2 9 16 | / / | | | | - |
| LH0041 | | 8508701 | 1 9 16 | / / | | | | - |
| LH0041 | | 8508701 | 1 9 16 | / / | | | | - |
| LH0041 | | 8508701 | 2 9 16 | / / | | | | - |
| 0056 | | 7800801 | 3 13 14 | / / | | | | L |
| MPY008HC2V | /50004 | | 4 8 1 | B 08/04/86 | | 53 | | - |
| AMP-01A | | 5962-8863001 | 2 9 26 | / / | | 100 | | - |
| AMP-01B | | 5962-8863002 | 2 9 26 | / / | | | | - |
| REF01A | | 5962-8958101 | 2 19 12 | / / | | | | - |
| REF01 | | 5962-8958102 | 2 19 12 | / / | | | | - |
| CMP-01 | | 5962-8987101 | 2 10 12 | / / | | | | - |
| LH0101A | | 8508901 | 2 9 16 | / / | | | | - |
| LH0101 | | 8508902 | 2 9 16 | / / | | | | - |
| MPY012HC1V | /50005 | | 4 8 1 | B 08/04/86 | | 100 | | - |
| MPY016HC1V | /50006 | | 4 8 1 | B 08/04/86 | | 100 | | - |
| REF02A | | 8551401 | 2 19 12 | / / | | | | - |
| DAC02310-112 | | 5962-8851701 | 1 16 16 | / / | | | | - |
| DAC02310-112 | | 5962-8851701 | 1 16 16 | / / | | | | - |
| DAC02310-113 | | 5962-8851702 | 1 16 16 | / / | | | | - |
| DAC02310-113 | | 5962-8851702 | 1 16 16 | / / | | | | - |
| MDH02680 | | 5962-8858101 | 2 13 12 | / / | | | | - |
| MDH0272C | | 5962-8858201 | 2 13 12 | / / | | | | - |
| HTC-0300 | /14201 | | 2 20 16 | 08/17/88 | | 1 | | - |
| CMP048 | | 5962-8990403 | 2 10 12 | / / | | | | - |
| HOS-050A | | 5962-8857901 | 1 9 26 | / / | | | | - |
| THA-05203-1 | /14201 | | 2 20 16 | 08/17/88 | | 1 | | - |
| SW-068 | | 5962-8966901 | 2 18 12 | / / | | | | - |
| HOS-060SH | | 5962-8857902 | 1 9 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 061 | /11901 | 8102301 | 2 9 15 | A 08/07/87 | B1 | 49 | - | - |
| 062 | /11902 | 8102302 | 2 9 15 | A 08/07/87 | B1 | 49 | - | - |
| 064 | /11903 | 8102303 | 2 9 15 | A 08/07/87 | B1 | 49 | - | - |
| OP-07A | /13501 | 8203601 | 2 9 12 | B 12/18/87 | S1 | 49 | - | - |
| OP-07 | /13502 | 8203602 | 2 9 12 | B 12/18/87 | S1 | 49 | - | - |
| 071 | /11904 | | 1 9 15 | A 08/07/87 | B1 | 49 | - | F |
| 071 | /11904 | 8102304 | 2 9 15 | A 08/07/87 | B1 | 49 | - | F |
| 072 | /11905 | | 1 9 15 | A 08/07/87 | B1 | 49 | - | F |
| 072 | /11905 | 8102305 | 2 9 15 | A 08/07/87 | B1 | 49 | - | F |
| 074 | /11906 | | 1 9 15 | A 08/07/87 | | 49 | - | F |
| 074 | /11906 | 8102306 | 2 9 15 | A 08/07/87 | | 49 | - | F |
| DAC-08 | /11301 | | 1 16 12 | 6 04/25/79 | | 56 | - | - |
| DAC-08A | /11302 | | 1 16 12 | 6 04/25/79 | | 56 | - | - |
| MUX-08A | | 5962-8771601 | 2 18 26 | / / | | | - | - |
| MUX-08B | | 5962-8771602 | 2 18 26 | / / | | | - | - |
| DAC08 | | 5962-8993201 | 2 16 12 | / / | | | - | - |
| Z0853004 | | 5962-8752702 | 2 8 7 | / / | | | - | - |
| Z0853006 | | 5962-8752701 | 2 8 7 | / / | | | - | - |
| Z0858106 | | 5962-8752602 | 2 8 7 | / / | | | - | - |
| Z0858110 | | 5962-8752601 | 2 8 7 | / / | | | - | F |
| 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 | | | - | - |
| REF10B | | 5962-8947902 | 2 19 12 | / / | | | - | - |
| LT1004-1.2 | | 5962-8859701 | 2 19 12 | / / | | | - | - |
| LT1004-2.5 | | 5962-8859702 | 2 19 12 | / / | | | - | - |
| LT1007A | | 5962-8757801 | 2 9 12 | / / | | | - | F |
| 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 | - | - |
| LM101A | /10103 | | 1 9 12 | G 1 05/08/87 | S1 | 49 | - | F |
| INA101 | | 5962-8778001 | 2 9 12 | / / | | | - | - |
| INA101 | | 5962-8778002 | 2 9 12 | / / | | | - | - |
| LT1010 | | 5962-8856201 | 2 2 18 | / / | | | - | - |
| TDC1010C1V | /50003 | | 4 8 1 | B 08/04/86 | | 100 | - | - |
| LT1013A | | 5962-8876001 | 2 9 26 | / / | | | - | - |
| LT1013 | | 5962-8876002 | 2 9 26 | / / | | | - | - |
| LT1014A | | 5962-8967701 | 2 9 12 | / / | | | - | - |
| LT1014 | | 5962-8967702 | 2 9 12 | / / | | | - | F |
| LT1016 | | 5962-8684501 | 2 10 12 | / / | | | - | P |
| LT1017 | | 5962-8950401 | 2 10 26 | / / | | | - | - |
| LT1018 | | 5962-8950402 | 2 10 26 | / / | | | - | - |
| LM102 | /10601 | | 2 9 12 | A 4 12/21/77 | | 49 | - | L |
| BT102 | | 5962-8965301 | 2 16 3 | / / | | | - | - |
| 1020 | /12705 | | 3 16 3 | A 1 02/28/86 | | 80 | - | L |
| 102110 | /12409 | | 2 19 12 | C 11/20/89 | | | - | - |
| LT1021BM-10 | | 5962-8860001 | 2 19 12 | / / | | | - | - |
| LT1021CM-10 | | 5962-8860002 | 2 19 12 | / / | | | - | P |
| LT1021DM-10 | | 5962-8860003 | 2 19 12 | / / | | | - | P |
| 10215 | /12407 | | 2 19 12 | C 11/20/89 | | | - | - |
| 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 | | | - | - |
| LT1021BM-7 | | 5962-8864701 | 2 19 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- iation level 6/ | NATO |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|-------------------------------|------|
| LT1021DM-7 | | 5962-8864702 | 2 19 26 | / / | | | | - |
| LT1022A | | 5962-8962201 | 2 9 12 | / / | | | | |
| LT1022 | | 5962-8962202 | 2 9 12 | / / | | | | |
| LT1028M | | 5962-8862201 | 2 9 12 | / / | | | | |
| LT1028AM | | 5962-8862202 | 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 | / / | | | | L |
| 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 | / / | | | | F |
| LM105 | | 5962-8958801 | 3 12 12 | / / | | | | |
| 10501 | /06001 | | 1 1 13 | A 08/05/85 | | 29 | | F |
| 10H501 | | 5962-8750301 | 2 1 13 | / / | | | | |
| 10502 | /06002 | | 2 1 13 | A 08/05/85 | | 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 | | 2 1 13 | A 08/05/85 | | 29 | | F |
| 10H505 | | 5962-8750701 | 2 1 13 | / / | | | | - |
| 10506 | /06004 | | 2 1 13 | A 08/05/85 | | 29 | | F |
| 10H506 | | 5962-8756401 | 2 1 13 | / / | | | | - |
| 10507 | /06005 | | 2 1 13 | A 08/05/85 | | 29 | | L |
| 10H507 | | 5962-8772701 | 2 1 13 | / / | | | | L |
| 10509 | /06006 | | 2 1 13 | A 08/05/85 | | 29 | R | P |
| 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 | / / | | | | P |
| 10H518 | | 5962-8755901 | 2 1 13 | / / | | | | - |
| 10H519 | | 5962-8772801 | 2 1 13 | / / | | | | F |
| 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 | B1 | 30 | | F |
| 10H524 | | 5962-8756001 | 2 2 13 | / / | | | | - |
| 10525 | /06302 | | 1 2 13 | A 06/17/85 | | 30 | | F |
| 10H525 | | 5962-8750801 | 2 2 13 | / / | | | | - |
| 10531 | /06101 | | 1 3 13 | B 07/15/85 | | 31 | | 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 10H531 | /06104 | 5962-8756101 | 2 3 13 | / / | B 07/15/85 | 31 | | - |
| 10535 | | | 2 3 13 | / / | | | | F |
| 10H535 | | 5962-8750501 | 2 3 13 | / / | | | | - |
| 10H536 | | 5962-8700101 | 2 5 13 | / / | | | | - |
| LT1054M | | 5962-8956201 | 2 24 12 | / / | | | | - |
| 10H541 | | 5962-8751101 | 2 5 13 | / / | | | | - |
| 10541 | | 5962-8855701 | 2 5 13 | / / | | | | - |
| 10545 | | 5962-8856001 | 2 6 13 | / / | | | | - |
| 10H558 | | 5962-8756601 | 2 4 13 | / / | | | | F |
| 10558 | | 5962-8779201 | 2 4 13 | / / | | | | - |
| 10H560 | | 5962-8756201 | 2 4 13 | / / | | | | - |
| 10H561 | | 5962-8756701 | 2 4 13 | / / | | | | - |
| 10H564 | | 5962-8772901 | 2 4 13 | / / | | | | - |
| 10564 | | 5962-8852701 | 2 4 13 | / / | | | | - |
| 10H571 | /06103 | 5962-8756801 | 2 4 13 | / / | B 07/15/85 | B1 31 | | F |
| 10H574 | | 5962-8750601 | 2 4 13 | / / | | | | - |
| 10576 | | | 2 3 13 | / / | | | | F |
| 10H576 | | 5962-8751201 | 2 3 13 | / / | | | | - |
| 10H586 | | 5962-8756301 | 2 3 13 | / / | | | | - |
| 10586 | | 5962-8779301 | 2 3 13 | / / | | | | - |
| 10H588 | | 5962-8750901 | 2 2 13 | / / | | | | - |
| 10H589 | | 5962-8751001 | 2 1 13 | / / | | | | - |
| 10597 | | | 2 1 13 | / / | | | | F |
| 10598 | | 5962-8777301 | 2 3 13 | / / | | | | - |
| LM106 | | 8003701 | 3 10 12 | / / | | | | L |
| LTC1060A | | 5962-8864101 | 2 24 12 | / / | | | | P |
| 10H609 | | 5962-8756901 | 2 1 13 | / / | | | | - |
| 10H610 | | 5962-8754101 | 2 1 13 | / / | | | | - |
| 10612 | /06102 | 5962-8775001 | 2 1 13 | / / | B 07/15/85 | 31 | | - |
| 10631 | | | 2 3 13 | / / | | | | F |
| HSD1066-341H | | 5962-8949901 | 2 24 16 | / / | | | | - |
| HSD1066-341V | | 5962-8949902 | 2 24 16 | / / | | | | - |
| HSD1066-381H | | 5962-8949903 | 2 24 16 | / / | | | | - |
| HS1068 | | 5962-8877601 | 2 17 16 | / / | | | | - |
| LM107 | | 5962-8958901 | 2 9 12 | / / | | | | - |
| LM108A | | | 1 9 12 | / / | | | | - |
| PAL10H8 | | 8103501 | 2 7 12 | G 1 05/08/87 | | | | F |
| PAL10L8 | | 8103506 | 2 7 12 | B 09/30/87 | | | | F |
| PAL10H8A | | 8103510 | 2 7 12 | B 09/30/87 | | | | F |
| PAL10L8A | | 8103514 | 2 7 12 | B 09/30/87 | | | | - |
| LT1080 | | 5962-8766601 | 2 13 12 | / / | | | | - |
| LT1081 | | 5962-8766602 | 2 13 12 | / / | | | | - |
| PAL10H8A2 | /50319 | | 2 7 12 | B 09/30/87 | S1 | 52 | | - |
| PAL10L8A2 | | | 2 7 12 | B 09/30/87 | | | | - |
| LM109 | | 5962-8777401 | 2 12 12 | C 05/29/89 | | | | - |
| LTC1090 | | 5962-8983001 | 2 8 12 | / / | | | | - |
| SMP-11A | | 5962-8954101 | 3 20 12 | / / | | | | - |
| LM110 | | 5962-8760601 | 2 9 12 | A 4 12/21/77 | | | | F |
| LM111 | | 5962-8687701 | 2 10 12 | D 06/24/88 | | | | - |
| LM113 | | 5962-8671101 | 2 19 12 | / / | | | | - |
| LM113-1 | | 5962-8671102 | 2 19 12 | / / | | | | - |
| LM113-2 | | 5962-8671103 | 2 19 12 | / / | | | | - |
| LM117H | | | 1 12 12 | A 3 06/11/81 | | | | F |
| LM117K | | | 1 12 12 | A 3 06/11/81 | | | | F |
| LM117H | | 7703401 | 2 12 12 | A 3 06/11/81 | | | | 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| LM117HV | | 7703402 | 2 12 12 | / / | | | | - |
| LT117A | | 7703405 | 2 12 12 | / / | | | | - |
| LT117AHV | | 7703407 | 2 12 12 | / / | | | | - |
| LM118 | /10107 | | 1 9 12 | G 1 05/08/87 | | 49 | | - |
| LM119A | /10307 | | 1 10 12 | D 06/24/88 | | 50 | | - |
| LM119 | /10306 | 8601401 | 2 10 12 | D 06/24/88 | | 50 | | - |
| LT119A | /10307 | 8601402 | 2 10 12 | D 06/24/88 | | 50 | | - |
| LM120H-05 | /11501 | | 1 12 12 | A 09/04/89 | | 52 | | L |
| LM120K-05 | /11505 | | 1 12 12 | A 09/04/89 | | 52 | | L |
| LM120H-05 | /11505 | 7704001 | 2 12 12 | A 09/04/89 | | 52 | | L |
| LM120H-12 | /11502 | | 1 12 12 | A 09/04/89 | S1 | 52 | | L |
| LM120K-12 | /11506 | | 1 12 12 | A 09/04/89 | S1 | 52 | | L |
| LM120H-12 | /11506 | 7704003 | 2 12 12 | A 09/04/89 | S1 | 52 | | L |
| LM120H-15 | /11503 | | 1 12 12 | A 09/04/89 | S1 | 52 | | - |
| LM120K-15 | /11507 | | 1 12 12 | A 09/04/89 | S1 | 52 | | - |
| LM120H-15 | /11507 | 7704004 | 2 12 12 | A 09/04/89 | S1 | 52 | | - |
| LM120H-24 | /11504 | | 2 12 12 | A 09/04/89 | B1 | 52 | | F |
| LM120K-24 | /11508 | | 2 12 12 | A 09/04/89 | B1 | 52 | | F |
| LM120H-24 | /11508 | 7704005 | 2 12 12 | A 09/04/89 | B1 | 52 | | F |
| 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 | 2 9 12 | B 09/11/89 | S1 S2 | 49 | | F |
| LM124A | /11006 | 7704302 | 2 9 12 | B 09/11/89 | | | | - |
| 12540 | | 5962-8775201 | 2 23 13 | / / | | | | - |
| MT1257-12 | /24601 | | 1 6 7 | 1 01/13/87 | B1 | 46 | | - |
| MT1257-15 | /24602 | | 1 6 7 | 1 01/13/87 | B1 | 46 | | - |
| MT1259-12 | /24603 | | 1 6 7 | 1 01/13/87 | B1 | 46 | | - |
| MT1259-15 | /24604 | | 1 6 7 | 1 01/13/87 | | 46 | | L |
| PAL12H6 | /50302 | 8103502 | 2 7 12 | B 09/30/87 | | 14 | | - |
| PAL12L6 | /50307 | 8103507 | 2 7 12 | B 09/30/87 | | 14 | | - |
| PAL12H6A | /50311 | 8103511 | 2 7 12 | B 09/30/87 | | 14 | | F |
| PAL12L6A | /50316 | 8103515 | 2 7 12 | B 09/30/87 | | 14 | | F |
| PAL12H6A2 | /50320 | | 2 7 12 | B 09/30/87 | | 14 | | |
| PAL12L6A2 | /50325 | | 2 7 12 | B 09/30/87 | | 14 | | |
| DG129A | | 7801401 | 2 18 12 | / / | | | | L |
| LM129A | /12402 | 5962-8992101 | 2 19 12 | C 11/20/89 | B1 | | | |
| LM129B | /12406 | 5962-8992102 | 2 19 12 | C 11/20/89 | | | | F |
| LM129C | | 5962-8992103 | 2 19 12 | / / | | | | |
| MOF1305D | | 5962-8858301 | 2 13 12 | / / | | | | |
| LM131A | | 5962-8760701 | 2 24 12 | / / | | | | - |
| 1HC34-15 | /61503 | | 2 6 3 | 11/24/87 | B1 | 41 | | L |
| 1HC34-15 | /61506 | | 2 6 3 | 11/24/87 | B1 | 41 | | L |
| 1HC34-20 | /61502 | | 2 6 3 | 11/24/87 | | 41 | | - |
| 1HC34-20 | /61505 | | 2 6 3 | 11/24/87 | B1 | 41 | | L |
| 1HC34-25 | /61501 | | 2 6 3 | 11/24/87 | | 41 | | - |
| 1HC34-25 | /61504 | | 2 6 3 | 11/24/87 | | 41 | | L |
| LM136A-2.5 | | 8418001 | 2 19 12 | / / | | | | - |
| LM136A-5.0 | | 8418002 | 2 19 12 | / / | | | | P |
| LM137H | /11803 | | 1 12 12 | 4 03/31/80 | B1 | 52 | | F |
| LM137K | /11804 | | 1 12 12 | 4 03/31/80 | B1 | 52 | | F |
| LM137H | /11804 | 7703403 | 2 12 12 | 4 03/31/80 | B1 | 52 | | F |
| LM137HV | | 7703404 | 2 12 12 | / / | | | | - |
| LT137A | | 7703406 | 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| LT137AHV | | 7703408 | 2 12 12 | / / | | | | - |
| LM138K | /11706 | | 1 12 12 | A 3 06/11/81 | B1 | 52 | | F |
| LM139 | /11201 | 7700801 | 2 10 12 | A 2 01/27/86 | B1 | 50 | | F |
| LM139A | | 5962-8773901 | 2 10 12 | / / | | | | F |
| OP14A | | 5962-8771401 | 2 9 12 | / / | | | | P |
| OP14B | | 5962-8771402 | 2 9 12 | / / | | | | F |
| LM140H-05 | /10702 | | 1 12 12 | C 05/29/89 | | 52 | | - |
| LM140K-05 | /10706 | | 1 12 12 | C 05/29/89 | B1 | 52 | | - |
| LM140H-12 | /10703 | | 1 12 12 | C 05/29/89 | S1 | 52 | | - |
| LM140K-12 | /10707 | | 1 12 12 | C 05/29/89 | | 52 | | - |
| LM140H-15 | /10704 | | 1 12 12 | C 05/29/89 | B1 | 52 | | - |
| LM140K-15 | /10708 | | 1 12 12 | C 05/29/89 | | 52 | | |
| LM140K-24 | /10709 | | 1 12 12 | C 05/29/89 | | 52 | | |
| LM140H-24 | /10705 | | 2 12 12 | C 05/29/89 | S1 | 52 | | - |
| 14035B | | 8101702 | 3 5 8 | / / | | | | |
| LM143 | | 7800303 | 2 9 12 | / / | | | | L |
| 1437 | | 5962-8981301 | 2 9 12 | / / | | | | |
| LM144 | | 7800301 | 2 9 12 | / / | | | | - |
| PAL14H4 | /50303 | 8103503 | 2 7 12 | B 09/30/87 | | 14 | | - |
| PAL14L4 | /50308 | 8103508 | 2 7 12 | B 09/30/87 | | 14 | | F |
| PAL14H4A | /50312 | 8103512 | 2 7 12 | B 09/30/87 | | 14 | | F |
| PAL14L4A | /50317 | 8103516 | 2 7 12 | B 09/30/87 | | 14 | | F |
| PAL14H4A2 | /50321 | | 2 7 12 | B 09/30/87 | | 14 | | |
| PAL14L4A2 | /50326 | | 2 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 | / / | | | | |
| 14551B | | 5962-8775301 | 3 18 3 | / / | | | | - |
| SDC14560-114 | | 5962-8949901 | 1 24 16 | / / | | | | |
| SDC14560-115 | | 5962-8949902 | 1 24 16 | / / | | | | |
| SDC14560-605 | | 5962-8949903 | 1 24 16 | / / | | | | |
| SDC14561-114 | | 5962-8949801 | 1 24 16 | / / | | | | |
| SDC14561-115 | | 5962-8949802 | 1 24 16 | / / | | | | |
| SDC14565-114 | | 5962-8990801 | 1 24 16 | / / | | | | |
| SDC14565-115 | | 5962-8990802 | 1 24 16 | / / | | | | |
| SDC14565-616 | | 5962-8990803 | 1 24 16 | / / | | | | |
| SDC14566-115 | | 5962-8990804 | 1 24 16 | / / | | | | |
| 14584 | | 5962-8550102 | 3 1 8 | / / | | | | - |
| LF147 | /11906 | | 1 9 15 | A 08/07/87 | | 49 | | F |
| LM148 | /11001 | | 1 9 12 | B 09/11/89 | B1 | 49 | | F |
| PAL14L8 | | 5962-8680403 | 2 7 12 | / / | | | | - |
| CT1487D | | 5962-8757907 | 3 13 16 | / / | | | | |
| CT-1487M | | 5962-8604905 | 3 13 16 | / / | | | | |
| LM149 | /11002 | | 2 9 12 | B 09/11/89 | B1 | 49 | | F |
| OP-15A | | 5962-8954201 | 3 9 12 | / / | | | | |
| LM150K | /11705 | | 1 12 12 | A 3 06/11/81 | | | | P |
| LM150 | /11705 | 5962-8767501 | 2 12 12 | A 3 06/11/81 | | | | P |
| LM150A | | 5962-8767502 | 2 12 12 | / / | | | | - |
| NHI-1500 | | 5962-8757905 | 2 13 16 | / / | | | | - |
| 1503A | | 5962-8686102 | 2 19 12 | / / | | | | - |
| SG1503 | | 5962-8686101 | 2 19 12 | / / | | | | L |
| LF151 | /11904 | | 1 9 15 | A 08/07/87 | B1 | 49 | | F |
| 1524 | /12601 | 7802801 | 2 12 12 | B 12/30/88 | | 52 | | - |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 1524B | | 5962-8764501 | 2 12 12 | / / | | | | - |
| 1524A | | 5962-8764502 | 2 12 12 | / / | | | | - |
| 1525A | /12602 | 5962-8951101 | 2 12 12 | B 12/30/88 | | 52 | | - |
| UC1525A | | 5962-8951103 | 2 12 12 | / / | | 52 | | |
| 1526 | /12603 | 8551501 | 2 12 12 | B 12/30/88 | | 52 | | |
| 1526A | | 8551502 | 2 12 12 | / / | | | | |
| 1527A | /12604 | 5962-8951102 | 2 12 12 | B 12/30/88 | B1 | 52 | | |
| UC1527A | | 5962-8951104 | 2 12 12 | / / | | 52 | | |
| NHI-1529 | | 5962-8952203 | 2 13 16 | / / | | | | |
| LF153 | /11905 | | 1 9 15 | A 08/07/87 | B1 | 49 | | F |
| 1532 | | 5962-8777001 | 2 12 26 | / / | | | | - |
| 1536 | | 7800304 | 2 9 12 | / / | | | | P |
| 1543 | | 5962-8774001 | 2 24 12 | / / | | | | - |
| 1544 | | 5962-8774002 | 2 24 12 | / / | | | | - |
| 1545 | | 5962-8671201 | 2 9 26 | / / | | | | - |
| 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 | | |
| UT1553BRTI | /55501 | | 1 23 3 | 06/12/87 | | | | - |
| UT1553BB | | 5962-8862801 | 2 8 3 | / / | | | | - |
| 1553RTMP | | 5962-8864501 | 2 8 3 | / / | | | | - |
| UT1553BCRTMP | /55501 | 5962-8950101 | 2 23 3 | 06/12/87 | | | | - |
| UT1553BBCRTM | | 5962-8957701 | 2 8 3 | / / | | | | - |
| UT1553BRTR | | 5962-8957601 | 2 23 3 | / / | | | | - |
| 15530 | | 7802901 | 2 4 3 | / / | | | | - |
| FC1553623 | | 5962-8757906 | 2 13 16 | / / | | | | - |
| 1558 | /10108 | | 1 9 12 | G 1 05/08/87 | | 49 | | |
| LF156 | /11402 | | 1 9 15 | A 6 11/09/79 | S1 | 49 | | F |
| LF156A | /11405 | | 1 9 15 | A 6 11/09/79 | | 49 | | |
| 1568 | | 5962-8876301 | 2 12 12 | / / | | | | |
| 1568 | | 5962-8876302 | 2 12 12 | / / | | | | |
| LF157 | /11403 | | 1 9 15 | A 6 11/09/79 | B1 | 49 | | F |
| LF157A | /11406 | | 1 9 15 | A 6 11/09/79 | B1 | 49 | | F |
| LM157B | | 5962-8958601 | 2 12 12 | / / | | | | |
| LM158 | | 5962-8771001 | 2 9 12 | / / | | | | - |
| LM158A | | 5962-8771002 | 2 9 12 | / / | | | | - |
| 1590 | | 5962-8765701 | 2 9 12 | / / | | | | - |
| 1596 | | 5962-8857101 | 2 24 26 | / / | | | | - |
| WEDSP-16 | | 5962-90704010 | 1 23 3 | / / | | | | |
| MUX-16A | | 5962-8771701 | 2 18 26 | / / | | | | |
| MUX-16B | | 5962-8771702 | 2 18 26 | / / | | | | |
| QP-16A | | 5962-8954301 | 3 9 12 | / / | | | | |
| LM160 | | 5962-8767401 | 2 10 12 | / / | | | | - |
| PAL16C1A | /50314 | | 2 7 12 | B 09/30/87 | | 14 | | |
| PAL16C1 | /50305 | 8103505 | 2 7 12 | B 09/30/87 | | 14 | | F |
| LM161 | | 5962-8757203 | 2 10 12 | / / | | | | - |
| PLS161 | | 5962-8850401 | 2 7 12 | / / | | | | F |
| PAL16C1A2 | /50323 | | 2 7 12 | B 09/30/87 | | 14 | | |
| PAL16H2 | /50304 | 8103504 | 2 7 12 | B 09/30/87 | | 14 | | F |
| PAL16L2 | /50309 | 8103509 | 2 7 12 | B 09/30/87 | | 14 | | F |
| PAL16H2A | /50313 | 8103513 | 2 7 12 | B 09/30/87 | | 14 | | - |
| PAL16L2A | /50318 | 8103517 | 2 7 12 | B 09/30/87 | | 14 | | F |
| PAL16H2A2 | /50322 | | 2 7 12 | B 09/30/87 | | 14 | | |
| PAL16L2A2 | /50327 | | 2 7 12 | B 09/30/87 | | 14 | | |
| MOR1623K | | 5962-8858401 | 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| SG1626 | | 5962-8871601 | 2 13 26 | / / | | | | |
| DS1631 | | 5962-8863101 | 2 13 12 | / / | | | | |
| DS1632 | | 5962-9052201 | 3 13 12 | / / | | | | |
| DS1634 | | 5962-8982101 | 2 13 3 | / / | | | | |
| UC1637 | | 5962-8995701 | 2 24 12 | / / | | | | |
| PAL16R4B | /50604 | | 1 7 12 | 1 03/31/87 | | | | F |
| PAL16R4A | /50404 | 8103610 | 2 7 12 | A 2 08/30/84 | | 14 | | F |
| PAL16R4 | | 8103604 | 3 7 12 | / / | | 14 | | F |
| PAL16X4 | /50405 | 8103605 | 3 7 12 | A 2 08/30/84 | B1 | 14 | | - |
| PAL16A4 | /50406 | 8103606 | 3 7 12 | A 2 08/30/84 | B1 | 14 | | - |
| PAL16R4-15 | /50612 | 5962-8515512 | 2 7 12 | 1 03/31/87 | | | | - |
| PAL16R4A2 | /50410 | | 1 7 12 | A 2 08/30/84 | | 14 | | - |
| PAL16R4B2 | /50608 | | 1 7 12 | 1 03/31/87 | | | | - |
| PAL16R4A-2 | /50410 | 8103614 | 2 7 12 | A 2 08/30/84 | | 14 | | - |
| PAL16R4-20 | /50604 | 5962-8515504 | 2 7 12 | 1 03/31/87 | | | | F |
| C16R4-20 | | 5962-8867812 | 2 7 3 | / / | | | | |
| C16R4-20 | | 5962-8871312 | 2 7 3 | / / | | | | |
| PAL16R4-30 | /50608 | 5962-8515508 | 2 7 12 | 1 03/31/87 | | | | - |
| C16R4-30 | | 5962-8867808 | 2 7 3 | / / | | | | |
| C16R4-30 | | 5962-8871308 | 2 7 3 | / / | | | | |
| PAL16R4A-4 | | 8506504 | 2 7 12 | / / | | | | - |
| C16R4-40 | | 5962-8867804 | 2 7 3 | / / | | | | |
| C16R4-40 | | 5962-8871304 | 2 7 3 | / / | | | | |
| PAL16R6B | /50603 | | 1 7 12 | 1 03/31/87 | | | | F |
| PAL16R6 | | 8103603 | 2 7 12 | / / | | 14 | | - |
| PAL16R6A | /50403 | 8103609 | 2 7 12 | A 2 08/30/84 | | 14 | | F |
| PAL16L6 | | 5962-8680404 | 2 7 12 | / / | | | | - |
| PAL16R6-15 | /50611 | 5962-8515511 | 2 7 12 | 1 03/31/87 | | | | - |
| PAL16R6A2 | /50409 | | 1 7 12 | A 2 08/30/84 | | 14 | | - |
| PAL16R6B2 | /50607 | | 1 7 12 | 1 03/31/87 | | | | - |
| PAL16R6A-2 | /50409 | 8103613 | 2 7 12 | A 2 08/30/84 | | 14 | | - |
| PAL16R6-20 | /50603 | 5962-8515503 | 2 7 12 | 1 03/31/87 | | | | F |
| C16R6-20 | | 5962-8867811 | 2 7 3 | / / | | | | |
| C16R6-20 | | 5962-8871311 | 2 7 3 | / / | | | | |
| PAL16R6-30 | /50607 | 5962-8515507 | 2 7 12 | 1 03/31/87 | | | | - |
| C16R6-30 | | 5962-8867807 | 2 7 3 | / / | | | | |
| C16R6-30 | | 5962-8871307 | 2 7 3 | / / | | | | |
| PAL16R6A-4 | | 8506503 | 2 7 12 | / / | | | | F |
| C16R6-40 | | 5962-8867803 | 2 7 3 | / / | | | | |
| C16R6-40 | | 5962-8871303 | 2 7 3 | / / | | | | |
| PAL16L8B | /50601 | | 1 7 12 | 1 03/31/87 | B1 | | | F |
| PAL16R8B | /50602 | | 1 7 12 | 1 03/31/87 | B1 | | | F |
| PAL16L8 | | 8103601 | 2 7 12 | / / | | 14 | | F |
| PAL16R8 | | 8103602 | 2 7 12 | / / | | 14 | | - |
| PAL16L8A | /50401 | 8103607 | 2 7 12 | A 2 08/30/84 | | 14 | | F |
| PAL16R8A | /50402 | 8103608 | 2 7 12 | A 2 08/30/84 | | 14 | | F |
| 16V8A | | 5962-8983901 | 2 7 3 | / / | | | | |
| 16V8A | | 5962-8983902 | 2 7 3 | / / | | | | |
| 16V8A | | 5962-8983903 | 2 7 3 | / / | | | | - |
| PAL16L8-15 | /50609 | 5962-8515509 | 2 7 12 | 1 03/31/87 | | | | - |
| PAL16R8-15 | /50610 | 5962-8515510 | 2 7 12 | 1 03/31/87 | | | | - |
| PAL16L8A2 | /50407 | | 1 7 12 | A 2 08/30/84 | B1 | 14 | | F |
| PAL16R8A2 | /50408 | | 1 7 12 | A 2 08/30/84 | B1 | 14 | | - |
| PAL16L8B2 | /50605 | | 1 7 12 | 1 03/31/87 | | | | F |
| PAL16R8B2 | /50606 | | 1 7 12 | 1 03/31/87 | | | | - |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| PAL16L8A-2 | /50407 | 8103611 | 2 7 12 | A 2 08/30/84 | B1 | 14 | | F |
| PAL16R8A-2 | /50408 | 8103612 | 2 7 12 | A 2 08/30/84 | B1 | 14 | | - |
| PAL16L8-20 | /50601 | 5962-8515501 | 2 7 12 | 1 03/31/87 | B1 | | | F |
| PAL16R8-20 | /50602 | 5962-8515502 | 2 7 12 | 1 03/31/87 | B1 | | | F |
| C16L8-20 | | 5962-8867809 | 2 7 3 | / / | | | | |
| C16R8-20 | | 5962-8867810 | 2 7 3 | / / | | | | |
| C16L8-20 | | 5962-8871309 | 2 7 3 | / / | | | | |
| C16R8-20 | | 5962-8871310 | 2 7 3 | / / | | | | |
| PAL16L8-30 | /50605 | 5962-8515505 | 2 7 12 | 1 03/31/87 | | | | F |
| PAL16R8-30 | /50606 | 5962-8515506 | 2 7 12 | 1 03/31/87 | | | | - |
| C16L8-30 | | 5962-8867805 | 2 7 3 | / / | | | | |
| C16R8-30 | | 5962-8867806 | 2 7 3 | / / | | | | |
| C16L8-30 | | 5962-8871305 | 2 7 3 | / / | | | | |
| C16R8-30 | | 5962-8871306 | 2 7 3 | / / | | | | |
| PAL16L8A-4 | | 8506501 | 2 7 12 | / / | | | | - |
| PAL16R8A-4 | | 8506502 | 2 7 12 | / / | | | | - |
| C16L8-40 | | 5962-8867801 | 2 7 3 | / / | | | | |
| C16R8-40 | | 5962-8867802 | 2 7 3 | / / | | | | |
| C16L8-40 | | 5962-8871301 | 2 7 3 | / / | | | | |
| C16R8-40 | | 5962-8871302 | 2 7 3 | / / | | | | |
| DS16F95 | | 5962-8961501 | 2 13 12 | / / | | | | |
| OP-17A | | 5962-8770601 | 2 9 12 | / / | | | | - |
| OP-17B | | 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 | / / | | | | F |
| 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 | / / | | | | |
| UT1760RTS | | 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 | B1 | 58 | | F |
| DG182A | /11102 | | 1 18 20 | 6 01/03/79 | B1 | 58 | | F |
| 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 | B1 | 58 | | F |
| PAL18L4 | | 5962-8680401 | 2 7 12 | / / | | | | - |
| HS-1840RH | | 5962-8753801 | 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 | | 1 12 12 | 09/29/89 | | | | - |
| UC1846 | /70201 | 5962-8680601 | 2 12 12 | 09/29/89 | | | | - |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 1847 | /70202 | 5962-8680602 | 2 12 12 | 09/29/89 | | | | - |
| DG185A | /11104 | | 1 18 20 | 6 01/03/79 | B1 | 58 | | F |
| LM185-1.2 | | 5962-8759401 | 2 19 12 | / / | | | | F |
| 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 | | 7901901 | 3 4 3 | / / | | 40 | | - |
| 1853 | /47401 | | 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 | B1 | 58 | | F |
| DG188A | /11106 | | 1 18 20 | 6 01/03/79 | B1 | 58 | | F |
| PAL18P8A | | 5962-8752801 | 2 7 12 | / / | | | | - |
| PAL18P8B | | 5962-8752802 | 2 7 12 | / / | | | | - |
| PAL18P8Q | | 5962-8752805 | 2 7 12 | / / | | | | - |
| DG190A | /11107 | | 1 18 20 | 6 01/03/79 | S1 | 58 | | F |
| UC1901 | | 5962-8944101 | 2 24 12 | / / | | | | |
| UC1903 | | 5962-8869701 | 2 24 26 | / / | | | | |
| DG191A | /11108 | | 1 18 20 | 6 01/03/79 | | 58 | | - |
| 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 | 2 20 12 | 1 11/03/81 | | 60 | | F |
| LM199A | /12401 | 5962-8856101 | 2 19 12 | C 11/20/89 | B1 | 50 | | - |
| LM199 | /12404 | 5962-8856102 | 2 19 12 | C 11/20/89 | | 50 | | - |
| LM199A-20 | /12405 | | 2 19 12 | C 11/20/89 | B1 | 50 | | F |
| DAC-HKB-2 | | 5962-8952802 | 2 16 16 | / / | | | | |
| 200 | /12301 | | 1 18 3 | A 2 09/21/82 | B1 | 82 | | F |
| OP-200A | | 5962-8859301 | 2 9 12 | / / | | | | - |
| 2001 | /14101 | | 1 13 12 | A 05/04/88 | B1 | 53 | | F |
| 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 | /14104 | | 1 13 12 | A 05/04/88 | B1 | 53 | | - |
| 2004 | | 5962-8771202 | 2 6 12 | / / | | | | - |
| EL2004 | | 5962-8965901 | 2 24 12 | / / | | | | - |
| 2004-25 | | 5962-8771201 | 2 6 12 | / / | | | | - |
| 2005 | /14105 | | 1 13 12 | A 05/04/88 | B1 | 53 | | - |
| 201 | /12302 | 7705301 | 2 18 3 | A 2 09/21/82 | B1 | 82 | | - |
| PAL20C1 | | 5962-8680406 | 2 7 12 | / / | | | | - |
| PAL20L10A | | 8412905 | 2 7 12 | / / | | | | - |
| PAL20X10A | | 8412907 | 2 7 12 | / / | | | | - |
| PAL20RA10 | | 5962-8680301 | 2 7 12 | / / | | | | F |
| 20G10-30 | | 5962-8863702 | 2 7 3 | / / | | | | - |
| 20G10-40 | | 5962-8863701 | 2 7 3 | / / | | | | - |
| 2018 | | 5962-8863802 | 2 7 3 | / / | | | | - |
| 2018 | | 5962-8863803 | 2 7 3 | / / | | | | - |
| PAL20L2 | | 5962-8680405 | 2 7 12 | / / | | | | F |
| EL2020 | | 5962-8962001 | 2 24 12 | / / | | | | |
| TMC2023V | | 5962-8971101 | 2 23 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 3/ 4/ | Micro- circuit group 5/ | Rad- ation level 6/ | NATO |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| TMC2023V1 | | 5962-8971102 | 2 23 3 | / / | | | | |
| TLE2027M | | 5962-9089601M | 2 9 12 | / / | | | | |
| EL2030 | | 5962-9081801M | 2 24 12 | / / | | | | |
| EL2033 | | 5962-8962302 | 2 24 12 | / / | | | | |
| TLE2037M | | 5962-9089602M | 2 9 12 | / / | | | | |
| PAL20R4A | /50504 | 8412904 | 2 7 12 | 2 08/30/84 | | 14 | | - |
| PAL20X4A | | 8412908 | 2 7 12 | / / | | | | - |
| PAL20R4B | | 5962-8767104 | 2 7 12 | / / | | | | - |
| EL-2041 | | 5962-8778502 | 2 9 12 | / / | | | | |
| PAL20R4-15 | | 5962-8767110 | 2 7 3 | / / | | | | |
| PAL20R4A-2 | | 8412912 | 2 7 12 | / / | | 14 | | - |
| PAL20R6A | /50503 | 8412903 | 2 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 | | - |
| 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 | / / | | | | - |
| TLE2072M | | 5962-9089601M | 2 9 12 | / / | | | | |
| PAL20L8A | /50501 | 8412901 | 2 7 12 | 2 08/30/84 | B1 | 14 | | F |
| PAL20R8A | /50502 | 8412902 | 2 7 12 | 2 08/30/84 | | 14 | | F |
| PAL20X8A | | 8412906 | 2 7 12 | / / | | | | F |
| PAL20L8B | | 5962-8767101 | 2 7 12 | / / | | | | - |
| PAL20R8B | | 5962-8767102 | 2 7 12 | / / | | | | - |
| 20V8 | | 5962-8984001 | 2 7 3 | / / | | | | |
| 20V8 | | 5962-8984002 | 2 7 3 | / / | | | | |
| 20V8 | | 5962-8984003 | 2 7 3 | / / | | | | |
| 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 |
| TMC208KB5V | | 5962-8873901 | 2 4 3 | / / | | | | |
| TMC208KB5V1 | | 5962-8873902 | 2 4 3 | / / | | | | |
| 2100SG | | 5962-8773501 | 2 8 3 | / / | | | | - |
| 2100TG | | 5962-8773502 | 2 8 3 | / / | | | | - |
| 2100ASG | | 5962-8773503 | 2 8 3 | / / | | | | - |
| 2100ATG | | 5962-8773504 | 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 | | 49 | | F |
| LM2110 | /10603 | | 3 9 12 | A 4 12/21/77 | B1 | 49 | | L |
| LH2111 | /10305 | | 1 10 20 | D 06/24/88 | S1 | 50 | | F |
| 2114 | /23802 | | 2 6 7 | A 2 03/09/81 | B1 | 46 | | F |
| 2114A | /23804 | | 2 6 7 | A 2 03/09/81 | B1 | 46 | | F |
| 2117 | /24004 | | 1 6 7 | A 05/11/89 | B1 | 46 | | |
| 2117 | /24005 | | 1 6 7 | A 05/11/89 | | 46 | | L |
| 2117 | /24001 | | 2 6 7 | A 05/11/89 | | 46 | | L |
| 2117 | /24002 | | 2 6 7 | A 05/11/89 | | 46 | | - |
| 2147 | /28903 | | 1 6 3 | 1 12/04/86 | B1 | 41 | | F |
| 2147 | /23801 | | 1 6 7 | A 2 03/09/81 | | 46 | | - |
| 2147H | /23803 | | 1 6 7 | A 2 03/09/81 | B1 | 46 | | 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 2147H-2 | /23807 | | 1 6 7 | A 2 03/09/81 | | 46 | - | - |
| 2147H-3 | /23805 | | 1 6 7 | A 2 03/09/81 | | 46 | - | - |
| 2148 | /28904 | | 1 6 3 | 1 12/04/86 | | 41 | F | - |
| 2148H | /23806 | | 1 6 7 | A 2 03/09/81 | | 46 | - | - |
| OP215A | | 5962-8853801 | 2 9 15 | / / | | | | |
| OP215B | | 5962-8853802 | 2 9 15 | / / | | | | |
| OP215BR | | 5962-8853803 | 2 9 15 | / / | | | | |
| 2164 | /24401 | | 1 6 7 | B 2 07/30/84 | | 46 | L | - |
| 2164 | /24402 | | 1 6 7 | B 2 07/30/84 | | 46 | L | - |
| 2164 | /24403 | | 1 6 7 | B 2 07/30/84 | | 46 | L | - |
| 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 | / / | | | F | - |
| 2168-55 | | 5962-8608101 | 2 6 7 | / / | | | - | - |
| 2168-70 | | 5962-8608102 | 2 6 7 | / / | | | - | - |
| 2169-40 | | 5962-8608106 | 2 6 7 | / / | | | F | - |
| 2169-50 | | 5962-8608103 | 2 6 7 | / / | | | - | - |
| 2169-70 | | 5962-8608104 | 2 6 7 | / / | | | - | - |
| PAL22V10A | | 5962-8605301 | 2 7 3 | / / | | | F | - |
| PAL22V10 | | 5962-8605302 | 2 7 3 | / / | | | - | - |
| C22V10 | | 5962-8753901 | 2 7 3 | / / | | | - | - |
| C22V10 | | 5962-8753902 | 2 7 3 | / / | | | - | - |
| C22V10 | | 5962-8753903 | 2 7 3 | / / | | | - | - |
| C22V10 | /50702 | 5962-8867001 | 2 7 3 | 05/12/89 | B1 S2 | | - | - |
| C22V10 | /50701 | 5962-8867002 | 2 7 3 | 05/12/89 | B1 | | - | - |
| C22V10 | | 5962-8867003 | 2 7 3 | / / | | | - | - |
| C22V10L | | 5962-8975501 | 2 7 3 | / / | | | - | - |
| C22V10L | | 5962-8975502 | 2 7 3 | / / | | | - | - |
| C22V10 | /50703 | 5962-8867004 | 2 7 3 | 05/12/89 | | | - | - |
| C22V10L | | 5962-8975503 | 2 7 3 | / / | | | - | - |
| C22V10 | | 5962-8753904 | 2 7 3 | / / | | | P | - |
| 22V10 | | 5962-8984101 | 2 7 3 | / / | | | - | - |
| 22V10 | | 5962-8984102 | 2 7 3 | / / | | | - | - |
| 22V10 | | 5962-8984103 | 2 7 3 | / / | | | - | - |
| C22V10L | | 5962-8872404 | 2 7 3 | / / | | | - | - |
| PAL22V10-20 | | 5962-8605304 | 2 7 3 | / / | | | - | - |
| C22V10L-25 | | 5962-8872401 | 2 7 3 | / / | | | - | - |
| PAL22VP10-25 | | 5962-8605303 | 2 7 3 | / / | | | - | - |
| C22V10L-30 | | 5962-8872402 | 2 7 3 | / / | | | - | - |
| C22V10L-40 | | 5962-8872403 | 2 7 3 | / / | | | - | - |
| XR2211M | | 7705001 | 2 24 12 | / / | | | F | - |
| OP-227A | /13504 | 5962-8688701 | 2 9 12 | B 12/18/87 | B1 | | F | - |
| CLC231A | | 5962-8959401 | 2 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 | / / | | | - | - |
| ARX2411 | | 5962-8757903 | 2 13 16 | / / | | | - | - |
| 2420 | | 8001601 | 2 20 12 | / / | | | F | - |
| 2452 | | 5962-8753502 | 2 22 16 | / / | | | - | - |
| 2453 | | 5962-8952202 | 2 13 16 | / / | | | - | - |
| 2500 | /12204 | | 1 9 12 | A 09/15/89 | | 49 | - | - |
| 25S09 | | 5962-8672801 | 3 5 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 2510 | /12205 | 5962-8671801 | 1 9 12 | A 09/15/89 | B1 | 49 | | - |
| 25S10 | | | 3 5 12 | / / | | | | - |
| 25LS174 | /33106 | | 2 3 2 | A 1 11/04/85 | | 10 | | F |
| 25LS175 | /33107 | | 1 3 2 | A 1 11/04/85 | | 10 | | F |
| 2520 | /12206 | | 1 9 12 | A 09/15/89 | | 49 | | - |
| 25S240 | | | 3 2 12 | / / | | | | - |
| 25S241 | | | 3 2 12 | / / | | | | - |
| 25S244 | | | 3 2 12 | / / | | | | - |
| 25LS2513 | | | 2 4 12 | / / | | | | - |
| 25LS2519 | | | 2 5 2 | / / | | | | - |
| 25LS2521 | | 5962-8671301 | 2 4 2 | / / | | | | F |
| 25LS299 | | 7802402 | 3 5 2 | / / | | | | - |
| 2532 | /22201 | 5962-8670801 | 4 7 7 | A 11/14/83 | | 47 | | - |
| 25LS399 | | | 3 5 2 | / / | | | | - |
| HA-2541 | | 5962-8778501 | 2 9 12 | / / | | | | - |
| OP-260A | | 5962-9053601 | 2 9 12 | / / | | | | - |
| 2600 | /12202 | 5962-8766201 | 1 9 12 | A 09/15/89 | B1 | 49 | | - |
| 26S02 | | | 3 3 5 | / / | | | | - |
| 26S10 | | 5962-8672001 | 3 13 12 | / / | | | | - |
| 26S12 | | 5962-8753401 | 3 13 12 | / / | | | | - |
| 26S12A | | 5962-8753402 | 3 13 12 | / / | | | | - |
| 2620 | /12203 | 5962-8767001 | 1 9 12 | A 09/15/89 | B1 | 49 | | F |
| 26LS29 | | | 2 13 26 | / / | | | | - |
| 26LS30 | | 5962-8672101 | 2 13 2 | / / | | | | - |
| 26LS31 | | 7802301 | 2 13 2 | / / | | | | - |
| 26LS32 | | 7802001 | 2 13 2 | / / | | | | - |
| 26LS32B | | 5962-8761601 | 2 13 12 | / / | | | | - |
| 26LS32A | | 7802003 | 3 13 2 | / / | | | | - |
| 26LS33 | | 7802002 | 2 13 2 | / / | | | | - |
| 26LS33A | | 7802004 | 3 13 2 | / / | | | | - |
| 26LS34 | | 5962-8759601 | 2 13 12 | / / | | | | - |
| 2640 | | 7800302 | 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 | 5962-8872101 | 1 9 12 | B 12/18/87 | B1 | 49 | | F |
| OP-270A | | | 2 9 26 | / / | | | | - |
| 2700 | /13601 | 8503001 | 1 19 12 | / / | | 01 | | - |
| 2700 | | 8503001 | 2 19 12 | 12/06/85 | | 01 | | - |
| 2700 | | | 2 19 12 | / / | | 01 | | - |
| 2700U | | | 2 19 12 | / / | | 01 | | - |
| 27LS00 | | 8602001 | 2 6 2 | / / | | | | L |
| 27LS00A | | 8602002 | 2 6 2 | / / | | | | - |
| 2700 | /12201 | 8602003 | 3 9 12 | A 09/15/89 | B1 | 49 | | L |
| 27LS01 | | | 2 6 2 | / / | | | | - |
| 27LS01A | | 8602004 | 2 6 2 | / / | | | | - |
| 2701 | | 8503005 | 2 19 12 | / / | | | | - |
| 2701 | | 8503006 | 2 19 12 | / / | | | | - |
| 2702 | /13602 | 8503003 | 2 19 12 | 12/06/85 | S1 | 01 | | F |
| 2702S | | | 2 19 12 | / / | | 01 | | - |
| 2702U | | 8503004 | 2 19 12 | / / | | 01 | | - |
| 27S02 | | 86051C1 | 2 6 5 | / / | | | | - |
| 27S02A | | 8605102 | 2 6 5 | / / | | | | - |
| 27LS02 | | 8605103 | 2 6 5 | / / | | | | - |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 27S02-20 | | 8605107 | 2 6 5 | / / | | | | |
| 27S03 | | 8605104 | 2 6 5 | / / | | | | - |
| 27S03A | | 8605105 | 2 6 5 | / / | | | | - |
| 27LS03 | | 8605106 | 2 6 5 | / / | | | | - |
| 27S03-20 | | 8605108 | 2 6 5 | / / | | | | - |
| 27LS03-30 | | 8605109 | 2 6 5 | / / | | | | - |
| 27S07A | | 7801501 | 2 6 5 | / / | | | | - |
| 27S07 | | 7801503 | 2 6 5 | / / | | | | - |
| 27LS07 | | 7801504 | 2 6 2 | / / | | | | - |
| 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 | / / | | | | |
| 27C1024 | | 5962-8680501 | 2 7 3 | / / | | | | |
| 27C1024 | | 5962-8680502 | 2 7 3 | / / | | | | |
| 27C1024 | | 5962-8680503 | 2 7 3 | / / | | | | |
| 27C1024 | | 5962-8680504 | 2 7 3 | / / | | | | |
| 27S13A | | 5962-8854101 | 2 7 5 | / / | | | | - |
| 27S13 | | 5962-8854102 | 2 7 5 | / / | | | | - |
| 2716 | /22101 | | 4 7 7 | A 11/14/83 | | 47 | | - |
| 27S180 | /20903 | | 2 7 5 | D 1 09/30/86 | | 14 | | L |
| 27S181 | /20904 | | 1 7 5 | D 1 09/30/86 | S1 | 14 | | - |
| 27S19 | | 5962-8670301 | 2 7 5 | / / | | | | - |
| 27S19A | | 5962-8670302 | 2 7 5 | / / | | | | - |
| 27S191 | /21002 | | 1 7 5 | D 05/16/86 | | 14 | | F |
| 27PS191 | | 5962-8552601 | 2 7 12 | / / | | | | - |
| 27PS191A | | 5962-8552602 | 2 7 12 | / / | | | | - |
| 27256-170 | /22403 | 8411104 | 2 7 7 | 06/09/86 | | 47 | | F |
| 27256-200 | /22402 | 8411103 | 2 7 7 | 06/09/86 | | 47 | | F |
| 27C256-200 | /27602 | | 3 7 3 | 12/12/88 | | 42 | | - |
| 27256-250 | /22401 | 8411102 | 2 7 7 | 06/09/86 | | 47 | | F |
| 27C256-250 | /27601 | | 3 7 3 | 12/12/88 | | | | - |
| 27256-30 | | 8411105 | 3 7 7 | / / | | | | - |
| 27256-35 | | 8411101 | 3 7 7 | / / | | | | - |
| 27S29 | | 5962-8769001 | 2 7 12 | / / | | | | - |
| 27S29A | | 5962-8769002 | 2 7 12 | / / | | | | F |
| 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 | / / | | | | - |
| 11C274 | | 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 | / / | | | | - |
| 27C512 | | 5962-8764804 | 2 7 3 | / / | | | | - |
| 27S12-20 | | 5962-8513505 | 2 7 22 | / / | | | | - |
| 27S12-25 | | 5962-8513501 | 2 7 22 | / / | | | | L |
| 27S12-30 | | 5962-8513503 | 2 7 22 | / / | | | | - |
| 27S12-35 | | 5962-8513502 | 2 7 22 | / / | | | | - |

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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 | GPL status 3/ 4/ | Micro- circuit group 5/ | Rad- ation level 6/ | NATO |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 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 | /27503 | 8510203 | 3 7 3 | 12/13/88 | | | | - |
| 27C64-200 | /27503 | | 2 7 3 | 12/13/88 | | | | F |
| 2764-200 | | 8200507 | 2 7 7 | / / | | | | |
| 2764A-25 | | 8200504 | 2 7 7 | / / | | | | - |
| 27C64-25 | /27502 | 8510201 | 3 7 3 | 12/13/88 | B1 | | | - |
| 27C64-250 | /27502 | | 2 7 3 | 12/13/88 | B1 | | | F |
| 2764-250 | | 8200502 | 2 7 7 | / / | | | | - |
| 2764A-35 | | 8200503 | 2 7 7 | / / | | | | - |
| 27C64-35 | /27501 | 8510202 | 3 7 3 | 12/13/88 | B1 | | | - |
| 27C64-350 | /27501 | | 2 7 3 | 12/13/88 | B1 | | | F |
| 2764-450 | | 8200501 | 2 7 7 | / / | | | | - |
| 27C64-90 | | 8510204 | 2 7 3 | / / | | | | - |
| TLC279 | | 5962-9060402 | 2 9 12 | / / | | | | |
| 2801 | /14106 | | 1 13 12 | A 05/04/88 | B1 | 53 | | |
| 2802 | /14107 | | 1 13 12 | A 05/04/88 | | 53 | | - |
| 2803 | /14108 | 5962-8605801 | 2 13 12 | A 05/04/88 | | 53 | | - |
| 2804 | /14109 | | 1 13 12 | A 05/04/88 | | 53 | | - |
| 2805 | /14110 | | 1 13 12 | A 05/04/88 | | 53 | | - |
| NMC2816 | /22601 | | 4 7 7 | A 05/15/86 | | 47 | | - |
| X2816A-25 | /22704 | | 2 7 7 | 03/27/87 | | 47 | | |
| X2816A-30 | /22703 | | 1 7 7 | 03/27/87 | B1 | 47 | | |
| X2816A-35 | /22702 | | 1 7 7 | 03/27/87 | B1 | 47 | | |
| X2816A-45 | /22701 | | 1 7 7 | 03/27/87 | | 47 | | F |
| 28S166A | /21004 | | 1 7 5 | D 05/16/86 | | 14 | | F |
| 28S166A | /21002 | | 1 7 5 | D 05/16/86 | | 14 | | F |
| 2821 | | 5962-8968401 | 2 24 12 | / / | | | | |
| 2823 | | 5962-8968501 | 2 24 12 | / / | | | | |
| 2824 | | 5962-8968601 | 2 24 12 | / / | | | | |
| 28C256-150 | /26105 | | 2 7 3 | 03/27/89 | | | | |
| 28C256-150 | /26111 | | 2 7 3 | 03/27/89 | B2 | | | |
| 28C256-200 | /26104 | | 1 7 3 | 03/27/89 | | | | |
| 28C256-200 | /26110 | | 2 7 3 | 03/27/89 | | | | |
| 28C256-250 | /26103 | | 1 7 3 | 03/27/89 | | | | |
| 28C256-250 | /26106 | | 2 7 3 | 03/27/89 | | | | |
| 28C256-250 | /26109 | | 2 7 3 | 03/27/89 | | | | |
| 28C256-250 | /26112 | | 2 7 3 | 03/27/89 | B2 | | | |
| 28C256-300 | /26102 | | 1 7 3 | 03/27/89 | B2 | | | |
| 28C256-300 | /26108 | | 2 7 3 | 03/27/89 | | | | |
| 28C256-350 | /26101 | | 1 7 3 | 03/27/89 | B2 | | | |
| 28C256-350 | /26107 | | 2 7 3 | 03/27/89 | | | | |
| 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 | | 2 7 7 | 09/22/87 | B2 | | | - |
| X2864A-25 | /22806 | | 2 7 7 | 09/22/87 | | 47 | | |
| 2864-250 | /22808 | | 1 7 7 | 09/22/87 | | | | F |
| 2864H-250 | /22809 | | 1 7 7 | 09/22/87 | | | | - |
| 28C64-250 | /26003 | | 1 7 3 | 01/06/89 | B2 | 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 |
|--------------------------------|--------------------------------|---|--|---|------------------------|----------------------------------|------------------------------|------|
| X2864A-30 | /22803 | | 2 7 7 | 09/22/87 | | 47 | | |
| 28C64-300 | /26002 | | 1 7 3 | 01/06/89 | | 42 | | - |
| X2864A-35 | /22802 | | 2 7 7 | 09/22/87 | | | | - |
| X2864A-35 | /22805 | | 2 7 7 | 09/22/87 | B2 | 47 | | - |
| 2864-350 | /22807 | | 1 7 7 | 09/22/87 | | | | - |
| 28C64-350 | /26001 | | 1 7 3 | 01/06/89 | B2 | 42 | | - |
| X2864A-45 | /22801 | | 2 7 7 | 09/22/87 | | 47 | | - |
| 28C65-250 | /26006 | | 1 7 3 | 01/06/89 | S1 | 42 | | - |
| 28C65-350 | /26007 | | 1 7 3 | 01/06/89 | B2 | 42 | | - |
| OP-290 | | 5962-8978301 | 2 9 12 | / / | | | | |
| 2901C | | 8405701 | 2 8 13 | / / | | 107 | | - |
| 2901A | | 7700701 | 3 8 13 | / / | | | | - |
| AM2901 | | 7700702 | 3 8 2 | / / | | | | - |
| 2901C | /44001 | | 4 8 13 | C 07/17/86 | | 107 | | - |
| 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 | | 5962-8770701 | 2 13 12 | / / | | | | F |
| 2907 | /44103 | | 4 13 12 | A 08/09/83 | | | | - |
| 2909A | | 8602701 | 2 8 2 | / / | | | | - |
| 2910 | | 7801701 | 2 8 2 | / / | | | | F |
| 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 | | - |
| 2917A | | 5962-8671401 | 2 13 2 | / / | | 12 | | - |
| 2917 | /44106 | | 4 13 2 | A 08/09/83 | | 12 | | - |
| 29LS18 | | 5962-8671901 | 2 5 2 | / / | | | | - |
| 2918 | | 5962-8671501 | 3 3 2 | / / | | 12 | | F |
| 2918 | /44201 | | 4 3 2 | A 08/09/83 | | 12 | | F |
| 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 | / / | | | | - |
| 2946 | | 5962-8672302 | 3 13 12 | / / | | | | - |
| 2947 | | 5962-8672301 | 2 13 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 13 12 | / / | | | | - |
| 2960 | | 5962-8760201 | 2 8 12 | / / | | | | - |
| 29C60A | | 5962-8861303 | 2 8 3 | / / | | | | - |
| 29611 | /20402 | | 1 7 5 | D 02/06/86 | B1 S2 | 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 29621 | /20805 | | 2 7 5 | C 01/31/84 | S1 | 14 | | L |
| 29631 | /20904 | | 1 7 5 | D 1 09/30/86 | S1 | 14 | | - |
| 29648 | | 5962-8757401 | 2 8 12 | / / | | | | - |
| 2965 | | 5962-8670701 | 2 13 12 | / / | | | | - |
| 29651 | /20908 | | 1 7 5 | D 1 09/30/86 | | 14 | | L |
| 29651 | /20902 | | 1 7 5 | D 1 09/30/86 | B1 S2 | 14 | | - |
| 2966 | | 5962-8670702 | 2 13 12 | / / | | | | - |
| 29C660A | | 5962-8853303 | 2 8 3 | / / | | | | F |
| 29C660B | | 5962-8853304 | 2 8 3 | / / | | | | F |
| 29C660C | | 5962-8853305 | 2 8 3 | / / | | | | F |
| 29671 | /21102 | | 1 7 5 | 04/01/87 | | 14 | | - |
| 29671 | /21103 | | 2 7 5 | 04/01/87 | | | | - |
| 2968A | | 5962-8869601 | 2 8 12 | / / | | | | - |
| 2968A | | 5962-8869602 | 2 8 12 | / / | | | | - |
| 29681 | /21002 | | 1 7 5 | D 05/16/86 | | 14 | | F |
| 29705A | | 8602501 | 2 6 12 | / / | | | | F |
| UDS2981 | | 5962-8851901 | 2 13 12 | / / | | | | - |
| 29818A | | 5962-8954901 | 2 5 12 | / / | | | | - |
| AM29C818 | | 5962-9051501 | 2 5 3 | / / | | | | - |
| 29C821 | | 5962-8851601 | 2 5 3 | / / | | | | - |
| 29821A | | 5962-8775501 | 2 5 12 | / / | | | | - |
| 29C823 | | 5962-8851602 | 2 5 3 | / / | | | | - |
| 29823A | | 5962-8775502 | 2 5 12 | / / | | | | - |
| 29825A | | 5962-8775503 | 2 5 12 | / / | | | | - |
| 29C827 | | 5962-8766701 | 2 2 3 | / / | | | | - |
| 29827A | | 5962-8860501 | 2 2 12 | / / | | | | - |
| 29C828 | | 5962-8766702 | 2 2 3 | / / | | | | - |
| 29828A | | 5962-8860502 | 2 2 12 | / / | | | | - |
| 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 | / / | | | | F |
| AM29853A | | 5962-9051302 | 2 13 12 | / / | | | | - |
| 29C855 | | 5962-8857302 | 2 13 3 | / / | | | | F |
| AM29855A | | 5962-9051303 | 2 13 12 | / / | | | | - |
| 29C861 | | 5962-8770401 | 2 13 21 | / / | | | | - |
| 29861A | | 5962-8860401 | 2 13 12 | / / | | | | - |
| 29C863 | | 5962-8770402 | 2 13 21 | / / | | | | - |
| 29863A | | 5962-8860402 | 2 13 12 | / / | | | | - |
| 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 | / / | | | | F |
| 29C928 | | 5962-8766704 | 2 2 3 | / / | | | | F |
| 29C941 | | 5962-8760303 | 2 8 3 | / / | | | | - |
| 29C943 | | 5962-8760304 | 2 8 3 | / / | | | | - |
| 29C961 | | 5962-8770403 | 2 13 21 | / / | | | | - |
| 29C963 | | 5962-8770404 | 2 13 21 | / / | | | | - |
| 300 | /11601 | | 1 18 3 | 5 04/16/80 | | 82 | | F |
| MX3008 | | 5962-8768801 | 1 16 16 | / / | | | | - |
| MX3009 | | 5962-8768802 | 1 16 16 | / / | | | | - |
| 301 | /11602 | | 1 18 3 | 5 04/16/80 | B1 | 82 | | 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 3018A | /10801 | | 3 9 12 | 2 04/09/76 | S1 | 49 | | L |
| 302 | /11603 | | 1 18 3 | 5 04/16/80 | B1 | 82 | | F |
| MN3020 | | 5962-8971801 | 1 16 16 | / / | | | | |
| 303 | /11604 | | 1 18 3 | 5 04/16/80 | | 82 | | F |
| 304 | /11605 | | 1 18 3 | 5 04/16/80 | | 82 | | F |
| 3045 | /10802 | | 1 13 12 | 2 04/09/76 | S1 | 49 | | F |
| 305 | /11606 | | 1 18 3 | 5 04/16/80 | S1 | 82 | | |
| 306 | /11607 | | 1 18 3 | 5 04/16/80 | S1 | 82 | | |
| 307 | /11608 | | 1 18 3 | 5 04/16/80 | S1 | 82 | | |
| SG3081 | | 5962-8866401 | 2 24 26 | / / | | | | - |
| CA3130BT | | 7703301 | 3 9 3 | / / | | | | - |
| RM3182 | | 5962-8687901 | 2 13 12 | / / | | | | - |
| 3183A | | 5962-8759801 | 2 24 26 | / / | | | | - |
| VFC32 | /13801 | | 2 24 12 | 08/27/87 | B1 | 56 | | |
| VFC320 | /13802 | | 2 24 12 | 08/27/87 | B1 | 56 | | |
| 32010 | | 8405301 | 2 8 7 | / / | | | | - |
| 320C10 | | 5962-8763301 | 2 8 3 | / / | | | | - |
| 320CM10 | | 5962-8763303 | 2 8 3 | / / | | | | - |
| 320C10-25 | | 5962-8763302 | 2 8 3 | / / | | | | - |
| 320CM10-25 | | 5962-8763304 | 2 8 3 | / / | | | | - |
| 320CF10-25 | | 5962-8763305 | 2 8 3 | / / | | | | - |
| 320E15 | | 5962-8763306 | 2 8 3 | / / | | | | - |
| 320C15 | | 5962-8763307 | 2 8 3 | / / | | | | - |
| 320C15-25 | | 5962-8763308 | 2 8 3 | / / | | | | - |
| 320C25 | | 5962-8861901 | 2 8 3 | / / | | | | - |
| 32C201-10 | /55201 | 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 | / / | | | | - |
| 34000 | /40301 | | 4 7 7 | A 08/16/83 | | 47 | | - |
| ARX3411 | | 5962-8757904 | 2 13 16 | / / | | | | - |
| 35074 | | 5962-8996901 | 3 9 12 | / / | | | | - |
| 35074A | | 5962-8996902 | 3 9 12 | / / | | | | - |
| 3516E | /40301 | | 4 7 7 | A 08/16/83 | | 47 | | - |
| 3517 | | 5962-8764301 | 2 12 12 | / / | | | | P |
| 3523 | | 5962-8978001 | 2 24 12 | / / | | | | - |
| HS362 | | 5962-8956501 | 2 18 12 | / / | | | | - |
| 3636 | /21002 | | 1 7 5 | D 05/16/86 | | 14 | | F |
| OP-37A | /13505 | 5962-8853701 | 2 9 12 | B 12/18/87 | | 49 | | - |
| OP37B | | 5962-8853702 | 3 9 12 | / / | | | | - |
| OP37C | | 5962-8853703 | 3 9 12 | / / | | | | - |
| TLC372 | | 5962-8765801 | 2 10 12 | / / | | | | - |
| TLC374 | | 5962-8765901 | 2 10 12 | / / | | | | - |
| MN376H | /14201 | | 2 20 16 | 08/17/88 | | I | | - |
| RGBDAC3808H | | 5962-8950901 | 2 16 16 | / / | | | | - |
| TVB382 | /61601 | | 2 8 12 | 11/24/87 | | TBD | H | F |
| 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 | / / | | | | - |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| AD395T | | 5962-8851004 | 1 16 16 | / / | | | | |
| 39C60A | | 5962-8861301 | 2 8 3 | / / | | | | |
| 39C60 | | 5962-8861302 | 2 8 3 | / / | | | | |
| CP-400A | | 5962-8777101 | 2 9 12 | / / | | | | |
| 4000A | /05201 | | 3 1 4 | D 2 04/30/84 | B1 | 36 | | - |
| 4000B | /05251 | | 3 1 8 | D 2 04/30/84 | B1 | | | L |
| 4001A | /05202 | | 3 1 4 | D 2 04/30/84 | | 36 | | L |
| 4001B | /05252 | | 3 1 8 | D 2 04/30/84 | | 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 | B1 | 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 | | 36 | H | P |
| 4008A | /05401 | | 3 4 4 | D 2 04/30/84 | B1 | 39 | | L |
| 4008B | /05451 | | 3 4 8 | D 2 04/30/84 | | 39 | R | P |
| 4009A | /05501 | | 3 2 4 | F 2 04/30/84 | B1 | 37 | | L |
| 4009UB | /05551 | | 3 2 8 | F 2 04/30/84 | | 37 | | - |
| DG401 | | 5962-9056901 | 2 18 12 | / / | | | | - |
| 4010A | /05502 | | 3 2 4 | F 2 04/30/84 | B1 | 37 | | L |
| 4010B | /05552 | | 3 2 8 | F 2 04/30/84 | B1 | 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 | | 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 | | 36 | H | P |
| 4013A | /05101 | | 3 3 4 | E 2 04/30/84 | B1 | 38 | | L |
| 4013B | /05151 | 7901101 | 3 3 8 | E 2 04/30/84 | | 38 | H | P |
| 4013B | | 7901102 | 3 3 8 | / / | | | | |
| 4014A | /05702 | | 3 5 4 | E 1 11/30/87 | B1 | 40 | | L |
| 4014B | /05752 | | 3 5 8 | E 1 11/30/87 | | 40 | H | P |
| 4015A | /05703 | | 3 5 4 | E 1 11/30/87 | | 40 | | L |
| 4015B | /05753 | | 3 5 8 | E 1 11/30/87 | | 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 |
| 4017A | /05601 | | 3 5 4 | E 1 04/30/84 | B1 | 40 | | L |
| 4017B | /05651 | | 3 5 8 | E 1 04/30/84 | | 40 | R | P |
| 40174B | /17505 | 8202201 | 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 | | 40 | H | F |
| 4019A | /05302 | | 3 1 4 | E 1 08/07/87 | | 36 | | L |
| 4019B | /05352 | | 3 1 8 | E 1 08/07/87 | | 36 | H | P |
| 4020A | /05603 | | 3 5 4 | E 1 04/30/84 | | 40 | | L |
| 4020B | /05653 | | 3 5 8 | E 1 04/30/84 | | 40 | H | P |
| 4021A | /05704 | | 3 5 4 | E 1 11/30/87 | | 40 | | L |
| 4021B | /05754 | 7901201 | 3 5 8 | E 1 11/30/87 | | 40 | H | P |
| 4022A | /05604 | | 3 5 4 | E 1 04/30/84 | | 40 | | L |
| 4022B | /05654 | | 3 5 8 | E 1 04/30/84 | | 40 | H | P |
| 4023A | /05003 | | 3 1 4 | E 2 04/30/84 | | 36 | | L |
| 4023B | /05053 | 7901301 | 3 1 8 | E 2 04/30/84 | | 36 | H | P |
| 4024A | /05605 | | 3 5 4 | E 1 04/30/84 | | 40 | | L |
| 4024B | /05655 | | 3 5 8 | E 1 04/30/84 | | 40 | H | P |
| 4025A | /05204 | | 3 1 4 | D 2 04/30/84 | | 36 | | L |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 4025B | /05254 | | 3 1 8 | D 2 04/30/84 | B1 | 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 | B1 | 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 | | 39 | R | P |
| 4029B | | 8101602 | 3 5 8 | / / | | | | - |
| 4029B | | 8101601 | 3 5 8 | / / | | | | - |
| DG403 | | 5962-8976301 | 2 18 12 | / / | | | | - |
| 4030A | /05303 | | 3 1 4 | E 1 08/07/87 | | 36 | | L |
| 4030B | /05353 | | 3 1 8 | E 1 08/07/87 | | 36 | H | F |
| 4031A | /05705 | | 3 5 4 | E 1 11/30/87 | | 40 | | L |
| 4031B | /05755 | | 3 5 8 | E 1 11/30/87 | B1 | 40 | | - |
| 4034A | /05706 | | 3 5 4 | E 1 11/30/87 | | 40 | | L |
| 4034B | /05756 | | 3 5 8 | E 1 11/30/87 | B1 | 40 | | - |
| 4035B | | 8101701 | 3 5 8 | / / | | | | - |
| CMP404A | | 5962-8990401 | 2 10 12 | / / | | | | - |
| CMP404B | | 5962-8990402 | 2 10 12 | / / | | | | - |
| 4040B | | 7705801 | 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 | | 37 | R | F |
| 4042B | | 8101901 | 3 3 8 | / / | | | | - |
| 4043A | /05103 | | 3 3 4 | E 2 04/30/84 | | 38 | | L |
| 4043B | /05153 | | 3 3 8 | E 2 04/30/84 | | 38 | | - |
| 4044B | | 7702601 | 3 3 4 | / / | | | | - |
| 4047B | | 8102001 | 3 3 8 | / / | | | | - |
| 4048A | /05304 | | 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 | | 37 | | L |
| 4049UB | /05553 | 7901401 | 3 2 8 | F 2 04/30/84 | | 37 | H | P |
| DG405 | | 5962-8996101 | 2 18 12 | / / | | | | - |
| DG405 | | 5962-8996901 | 3 9 12 | / / | | | | - |
| 4050A | /05504 | | 3 2 4 | F 2 04/30/84 | | 37 | | L |
| 4050B | /05554 | | 3 2 8 | F 2 04/30/84 | | 37 | H | P |
| TMS4050 | /23502 | | 4 6 7 | C 05/25/84 | | 46 | | - |
| TMS4050 | /23504 | | 4 6 7 | C 05/25/84 | | 46 | | - |
| 4052B | | 7901501 | 3 18 8 | / / | | | | - |
| 4053B | | 8101801 | 3 18 8 | / / | | | | - |
| 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 | B1 | 39 | H | P |
| 4067B | /17801 | | 3 18 8 | A 04/30/84 | | 39 | | - |
| MT4067-10 | | 5962-8767604 | 2 6 7 | / / | | | | F |
| MT4067-12 | | 5962-8767601 | 2 6 7 | / / | | | | - |
| MT4067-15 | | 5962-8767602 | 2 6 7 | / / | | | | F |
| MT4067-20 | | 5962-8767603 | 2 6 7 | / / | | | | F |
| 4069UB | /17401 | 7702701 | 3 1 8 | A 3 04/30/84 | | 37 | H | P |
| 4070B | /17203 | | 3 1 8 | B 1 04/30/84 | | 36 | H | P |
| 4071B | /17101 | | 3 1 8 | B 1 04/30/84 | | 36 | H | P |
| 4072B | /17102 | 7706001 | 3 1 8 | B 1 04/30/84 | | 36 | R | P |
| 4073B | | 7705101 | 3 1 8 | / / | | 36 | R | P |
| 4075B | /17103 | | 3 1 8 | B 1 04/30/84 | | 36 | H | P |
| 4076B | /17501 | | 3 5 8 | B 3 04/30/84 | | 38 | | - |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 40778 | /17204 | | 3 1 8 | B 1 04/30/84 | | 36 | R | P |
| 40788 | | 7704401 | 3 1 8 | / / | | | | - |
| 40818 | /17001 | 7702401 | 3 1 8 | B 1 04/30/84 | | 36 | H | P |
| 40828 | /17002 | 7705901 | 3 1 8 | B 1 04/30/84 | | 36 | R | P |
| 40858 | /17201 | | 3 1 8 | B 1 04/30/84 | | 36 | H | F |
| 40868 | /17202 | | 3 1 8 | B 1 04/30/84 | | 36 | H | F |
| 40938 | /17701 | 7704601 | 3 1 8 | B 04/30/84 | | 36 | | P |
| 40938 | | 7704602 | 3 1 8 | / / | | 36 | | |
| 40948 | | 7702501 | 3 5 8 | / / | | | | - |
| 40958 | /17502 | | 3 3 8 | B 3 04/30/84 | | 38 | | - |
| 40968 | /17503 | | 3 3 8 | B 3 04/30/84 | | 38 | | - |
| 40978 | /17802 | | 3 18 8 | A 04/30/84 | | 39 | | - |
| 40988 | /17504 | 7705501 | 3 3 8 | B 3 04/30/84 | | 38 | R | F |
| 40998 | /17601 | | 3 3 8 | A 1 04/30/84 | | 38 | R | P |
| 4C1024-100 | /24902 | | 1 6 3 | A 02/13/90 | | 46 | | - |
| 4C1024-120 | /24903 | | 1 6 3 | A 02/13/90 | | 46 | | - |
| 4C1024-150 | /24904 | | 1 6 3 | A 02/13/90 | B2 | 46 | | - |
| 4C1024-80 | /24901 | | 1 6 3 | A 02/13/90 | | 46 | | - |
| 411024-100 | /24902 | | 1 6 3 | A 02/13/90 | | 46 | | - |
| 411024-120 | /24903 | | 1 6 3 | A 02/13/90 | | 46 | | - |
| 411024-150 | /24904 | | 1 6 3 | A 02/13/90 | B2 | 46 | | - |
| 411024-80 | /24901 | | 1 6 3 | A 02/13/90 | | 46 | | - |
| 4116 | /24004 | | 1 6 7 | A 05/11/89 | B1 | 46 | | - |
| 4116 | /24005 | | 1 6 7 | A 05/11/89 | | 46 | | L |
| 4116 | /24001 | | 2 6 7 | A 05/11/89 | | 46 | | L |
| 4116 | /24002 | | 2 6 7 | A 05/11/89 | | 46 | | - |
| 4116 | /24003 | | 2 6 7 | A 05/11/89 | | 46 | | - |
| M41256P-12 | /24601 | | 1 6 7 | 1 01/13/87 | B1 | 46 | | - |
| M41256N-12 | /24603 | | 1 6 7 | 1 01/13/87 | B1 | 46 | | - |
| M41256P-15 | /24602 | | 1 6 7 | 1 01/13/87 | B1 | 46 | | - |
| M41256N-15 | /24604 | | 1 6 7 | 1 01/13/87 | | 46 | | L |
| 4136 | /11004 | | 1 9 12 | B 09/11/89 | | 49 | | L |
| 4156 | /11003 | | 1 9 12 | B 09/11/89 | S1 | 49 | | - |
| 4167 | | 8200701 | 2 6 7 | / / | | | | - |
| 4194 | | 7705401 | 2 12 12 | / / | | | | - |
| QP-42 | /12208 | | 2 9 12 | A 09/15/89 | | | | - |
| QP-42A | /12208 | 5962-8851301 | 2 9 12 | A 09/15/89 | | | | - |
| QP421B | | 5962-8855901 | 2 9 26 | / / | | | | - |
| QP421C | | 5962-8855902 | 2 9 26 | / / | | | | - |
| 4213 | /13904 | | 2 24 16 | B 2 03/24/85 | | 49 | | - |
| 4250 | | 7703901 | 2 9 12 | / / | | | | - |
| TSC426 | | 5962-8850301 | 2 13 12 | / / | | | | - |
| TSC427 | | 5962-8850302 | 2 13 12 | / / | | | | - |
| TSC428 | | 5962-8850303 | 2 13 12 | / / | | | | - |
| TSC429 | | 5962-8877001 | 2 13 12 | / / | | | | - |
| REF-43 | | 5962-9060301 | 2 19 12 | / / | | | | - |
| TL431 | /14801 | | 1 12 12 | A 09/05/89 | B2 | 59 | | - |
| 431 | /14801 | 8410901 | 2 12 12 | A 09/05/89 | B2 | 59 | | - |
| 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 5 3 | / / | | | | - |
| QP44A | /12207 | | 2 9 15 | A 09/15/89 | S1 | | | - |
| TSC4420 | | 5962-8877003 | 2 13 12 | / / | | | | - |
| TSC4423 | | 5962-8850304 | 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| | | | | | | | | |
| TSC4424 | | 5962-8850305 | 2 13 12 | / / | | | | |
| TSC4425 | | 5962-8850306 | 2 13 12 | / / | | | | |
| TSC4426 | | 5962-8850307 | 2 13 12 | / / | | 3 | | |
| TSC4427 | | 5962-8850308 | 2 13 12 | / / | | | | |
| TSC4428 | | 5962-8850309 | 2 13 12 | / / | | | | |
| TSC4429 | | 5962-8877002 | 2 13 12 | / / | | | | - |
| SMJ4461 | | 5962-8956001 | 2 6 7 | / / | | | | |
| MKB4501-80 | /25002 | | 1 8 3 | 10/30/86 | B1 | 105 | | - |
| MKB4501-81 | /25001 | | 1 8 3 | 10/30/86 | B1 | 105 | | - |
| MKB4501-88 | /25003 | | 1 8 3 | 10/30/86 | B1 | | | - |
| 4502B | /17403 | | 3 2 8 | A 3 04/30/84 | | 37 | R | P |
| 4508B | /17602 | | 3 3 8 | A 1 04/30/84 | | 38 | | - |
| 4514B | /17301 | 7703501 | 3 3 8 | B 04/30/84 | | 39 | | - |
| 4515B | /17302 | 7703201 | 3 4 8 | B 04/30/84 | | 39 | | - |
| 45H16 | /24004 | | 1 6 7 | A 05/11/89 | B1 | 46 | | - |
| 45H16 | /24005 | | 1 6 7 | A 05/11/89 | | 46 | | L |
| 45H16 | /24001 | | 2 6 7 | A 05/11/89 | | 46 | | L |
| 45H16 | /24002 | | 2 6 7 | A 05/11/89 | | 46 | | - |
| 4520B | | 7702301 | 3 5 8 | / / | | | | - |
| 4520B | /17403 | 7702001 | 3 2 8 | A 3 04/30/84 | | 37 | R | P |
| 4528B | | 7704501 | 3 3 8 | / / | | | | - |
| 4528B | | 7704502 | 3 3 8 | / / | | | | - |
| 4532B | /17303 | | 3 4 8 | B 04/30/84 | | 39 | | - |
| 4N55 | | 5962-8767901 | 1 24 16 | / / | | | | - |
| 4555B | /17304 | 7704701 | 3 4 8 | B 04/30/84 | | 39 | | - |
| 4556B | /17305 | 7704801 | 3 4 8 | B 04/30/84 | | 39 | | - |
| 4557B | | 7901601 | 3 5 8 | / / | | | | - |
| 4564 | /24401 | | 1 6 7 | B 2 07/30/84 | | 46 | | L |
| 4564 | /24402 | | 1 6 7 | B 2 07/30/84 | | 46 | | L |
| 4564 | /24403 | | 1 6 7 | B 2 07/30/84 | | 46 | | L |
| BT458 | | 5962-8992801 | 2 16 12 | / / | | | | - |
| 4585B | | 7703702 | 3 4 8 | / / | | | | - |
| 46106B | /17702 | 5962-8550101 | 3 1 8 | B 04/30/84 | | 36 | | - |
| OP-470A | | 5962-8856501 | 2 9 26 | / / | | | | - |
| OP-471A | | 5962-8856502 | 2 9 26 | / / | | | | - |
| 4741 | /11003 | | 1 9 12 | B 09/11/89 | S1 | 49 | | - |
| SHM-4860MM | /14201 | | 2 20 16 | 08/17/88 | | 1 | | - |
| 4860-83 | /14201 | | 2 20 16 | 08/17/88 | | 1 | | - |
| OP490A | | 5962-8967001 | 2 9 12 | / / | | | | - |
| HA-4902 | | 5962-8686001 | 3 10 12 | / / | | | | - |
| 49C410 | | 5962-8864301 | 2 8 3 | / / | | | | - |
| 49C410A | | 5962-8864302 | 2 8 3 | / / | | | | - |
| 49C460A | | 5962-8853301 | 2 8 3 | / / | | | | - |
| 49C460B | | 5962-8853302 | 2 8 3 | / / | | | | - |
| 49C460C | | 5962-8853306 | 2 8 3 | / / | | | | - |
| 4973B | /17003 | | 3 1 3 | B 1 04/30/84 | | 36 | | - |
| OP-50A | | 5962-8967301 | 2 9 12 | / / | | | | - |
| OP-50B | | 5962-8967302 | 2 9 12 | / / | | | | - |
| HA-5002 | | 5962-8963601 | 2 24 12 | / / | | | | - |
| OPA501 | | 5962-8762001 | 2 9 16 | / / | | | | - |
| AH5010 | | 5962-9087801M | 2 18 12 | / / | | | | F |
| CS5012 | | 5962-8967901 | 2 17 3 | / / | | | | - |
| AH5012 | | 5962-9088001M | 2 18 12 | / / | | | | - |
| CS5014-S | | 5962-8967401 | 2 17 3 | / / | | | | - |
| CS5014-T | | 5962-8967402 | 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 3/ 4/ | Micro- circuit group 5/ | Rad- ation level 6/ | NATO |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 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 | | 1 18 3 | 3 12/23/80 | | 82 | | F |
| HI5040 | /10501 | 8100601 | 2 18 3 | 3 12/23/80 | | 82 | | F |
| 5041 | /10502 | | 1 18 3 | 3 12/23/80 | | 82 | | F |
| IH5041 | /10502 | 8100602 | 2 18 3 | 3 12/23/80 | | 82 | | F |
| 5042 | /10503 | | 1 18 3 | 3 12/23/80 | | 82 | | F |
| IH5042 | /10503 | 8100603 | 2 18 3 | 3 12/23/80 | | 82 | | F |
| 5043 | /10504 | | 1 18 3 | 3 12/23/80 | | 82 | | F |
| IH5043 | /10504 | 8100604 | 2 18 3 | 3 12/23/80 | | 82 | | F |
| HI5043 | | 8100612 | 2 18 3 | / / | | | | - |
| 5044 | /10505 | | 1 18 3 | 3 12/23/80 | | 82 | | F |
| IH5044 | /10505 | 8100605 | 2 18 3 | 3 12/23/80 | | 82 | | F |
| 5045 | /10506 | | 1 18 3 | 3 12/23/80 | | 82 | | F |
| IH5045 | /10506 | 8100606 | 2 18 3 | 3 12/23/80 | | 82 | | F |
| HI5045 | | 8100614 | 2 18 3 | / / | | 82 | | - |
| IH5046 | /10507 | 8100607 | 2 18 3 | 3 12/23/80 | B1 | 82 | | - |
| HI5046 | | 8100615 | 2 18 3 | / / | | 82 | | - |
| HI5046A | | 8100617 | 2 18 3 | / / | | | | F |
| IH5047 | /10508 | 8100608 | 2 18 3 | 3 12/23/80 | | 82 | | - |
| HI5047 | | 8100616 | 2 18 3 | / / | | 82 | | F |
| HI5047A | | 8100618 | 2 18 3 | / / | | | | F |
| HI5049 | | 8100620 | 2 18 3 | / / | | | | - |
| HI5050 | | 8100621 | 2 18 3 | / / | | | | - |
| HI5051 | | 8100622 | 2 18 3 | / / | | | | - |
| 506 | /19001 | | 1 18 3 | C 10/22/86 | | 82 | | |
| 506A | /19002 | 5962-8513101 | 2 18 3 | C 10/22/86 | | 82 | | |
| 507 | /19003 | | 1 18 3 | C 10/22/86 | B1 | 82 | | |
| 507A | /19004 | 5962-8513102 | 2 18 3 | C 10/22/86 | B1 | 82 | | |
| UH-507 | | 5962-8986701 | 2 13 12 | / / | | | | |
| 508 | /19007 | | 1 18 3 | C 10/22/86 | | 82 | | F |
| 508 | /19007 | 7705201 | 2 18 3 | C 10/22/86 | | 82 | | F |
| 508A | /19005 | 7705202 | 2 18 3 | C 10/22/86 | | 82 | | F |
| UH-508 | | 8550001 | 2 13 12 | / / | | | | - |
| 509 | /19008 | | 1 18 3 | C 10/22/86 | | 82 | | - |
| 509A | /19006 | 5962-8513103 | 2 18 3 | C 10/22/86 | | 82 | | - |
| HA-5101 | | 5962-8963501 | 2 9 12 | / / | | | | |
| HA-5102 | | 5962-8954801 | 2 9 12 | / / | | | | |
| CMH5104 | /24505 | | 2 6 3 | A 01/28/87 | | 41 | | |
| HA-5104 | | 5962-8850201 | 2 9 12 | / / | | | | |
| IH5108 | | 7705203 | 2 18 3 | / / | | | | |
| CMH5114 | /24506 | | 2 6 3 | A 01/28/87 | | 41 | | P |
| IH5116 | | 5962-8513104 | 2 18 3 | / / | | 82 | R | L |
| HPROM-512 | /20101 | | 4 7 1 | C 03/24/86 | | 7 | | - |
| TL514 | | 5962-8687801 | 2 10 18 | / / | | | | - |
| DG5140 | | 8100609 | 2 18 3 | / / | | 82 | | |
| DG5141 | | 8100610 | 2 18 3 | / / | | 82 | | F |
| DG5142 | | 8100611 | 2 18 3 | / / | | 82 | | - |
| DG5144 | | 8100613 | 2 18 3 | / / | | 82 | | - |
| IH5148 | | 8100619 | 2 18 3 | / / | | | | F |
| HI-516 | | 5962-8869901 | 2 18 3 | / / | | | | - |
| 51C67 | /29106 | | 2 6 3 | 07/25/85 | B2 | 46 | | - |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 51C98-35 | /61301 | | 2 6 3 | 05/12/88 | B1 | 41 | | L |
| 51C98-45 | /61302 | | 2 6 3 | 05/12/88 | S1 | 41 | | |
| 51C98-55 | /61303 | | 2 6 3 | 05/12/88 | S1 | 41 | | |
| MN5200 | | 5962-8958301 | 1 17 16 | / / | | | | |
| 5200 | /12001 | | 2 17 16 | B 04/18/90 | | | | |
| HCPL-5201 | | 5962-8876801 | 1 24 16 | / / | | | | |
| MN5201 | | 5962-6958303 | 1 17 16 | / / | | | | - |
| 5201 | /12003 | | 2 17 16 | B 04/18/90 | | | | - |
| MN5202 | | 5962-8958305 | 1 17 16 | / / | | | | - |
| 5202 | /12005 | | 2 17 16 | B 04/18/90 | | | | - |
| MN5203 | | 5962-8958302 | 1 17 16 | / / | | | | |
| 5203 | /12002 | | 2 17 16 | B 04/18/90 | | | | |
| MN5204 | | 5962-8958304 | 1 17 16 | / / | | | | - |
| 5204 | /12004 | | 2 17 16 | B 04/18/90 | | | | - |
| MN5205 | | 5962-8958306 | 1 17 16 | / / | | | | - |
| 5205 | /12006 | | 2 17 16 | B 04/18/90 | | | | - |
| MN5206 | | 5962-8958307 | 1 17 16 | / / | | | | - |
| 5206 | /12007 | | 2 17 16 | B 04/18/90 | | | | - |
| 5207 | /12008 | | 2 17 16 | B 04/18/90 | | | | - |
| IH5208 | | 5962-8513106 | 2 18 3 | / / | | 1 | | - |
| 521 | | 5962-8751601 | 2 10 12 | / / | | 82 | | F |
| MN5210 | | 5962-8958401 | 1 17 16 | / / | | | | |
| 5210 | /12009 | | 2 17 16 | B 04/18/90 | | | | |
| MN5211 | | 5962-8958403 | 1 17 16 | / / | | | | |
| 5211 | /12011 | | 2 17 16 | B 04/18/90 | | | | |
| 52116 | /40301 | | 4 7 7 | A 08/16/83 | | 47 | | - |
| MN5212 | | 5962-8958405 | 1 17 16 | / / | | | | |
| 5212 | /12013 | | 2 17 16 | B 04/18/90 | | | | |
| MN5213 | | 5962-8958402 | 1 17 16 | / / | | | | |
| 5213 | /12010 | | 2 17 16 | B 04/18/90 | | | | |
| MN5214 | | 5962-8958404 | 1 17 16 | / / | | | | |
| 5214 | /12012 | | 2 17 16 | B 04/18/90 | | | | |
| MN5215 | | 5962-8958406 | 1 17 16 | / / | | | | |
| 5215 | /12014 | | 2 17 16 | B 04/18/90 | | | | |
| MN5216 | | 5962-8958407 | 1 17 16 | / / | | | | |
| 5216 | /12015 | | 2 17 16 | B 04/18/90 | | | | |
| IH5216 | | 5962-8513105 | 2 18 3 | / / | | 82 | | - |
| 5217 | /12016 | | 2 17 16 | B 04/18/90 | | 1 | | |
| SL523AC | | 5962-8980301 | 2 24 12 | / / | | | | |
| HCPL-5231 | | 5962-8876901 | 1 24 16 | / / | | | | |
| AD524S | /14301 | | 2 9 12 | 04/03/87 | | | | - |
| H1524 | | 5962-8761801 | 2 18 12 | / / | | | | - |
| AD524 | /14301 | 5962-8853901 | 2 9 12 | 04/03/87 | | | | - |
| MN5245 | | 5962-8959501 | 1 17 16 | / / | | | | |
| MN5245A | | 5962-8959502 | 1 17 16 | / / | | | | |
| MN5245 | | 5962-8959501 | 2 17 16 | / / | | | | |
| MN5245A | | 5962-8959502 | 2 17 16 | / / | | | | |
| MN5246 | | 5962-8959503 | 1 17 16 | / / | | | | |
| MN5246A | | 5962-8959504 | 1 17 16 | / / | | | | |
| MN5246 | | 5962-8959503 | 2 17 16 | / / | | | | |
| MN5246A | | 5962-8959504 | 2 17 16 | / / | | | | |
| MT5C2561 | /29301 | | 1 6 3 | 09/20/89 | | 41 | | |
| MT5C2561 | /29302 | | 1 6 3 | 09/20/89 | | 41 | | |
| MT5C2561 | /29310 | | 1 6 3 | 09/20/89 | | 41 | | |
| MT5C2564 | /29303 | | 2 6 3 | 09/20/89 | | 41 | | |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| MT5C2564 | /29304 | | 2 6 3 | 09/20/89 | | 41 | | |
| MT5C2564 | /29311 | | 2 6 3 | 09/20/89 | | 41 | | |
| MT5C2565 | /29312 | | 2 6 3 | 09/20/89 | | 41 | | |
| MT5C2565 | /29314 | | 2 6 3 | 09/20/89 | | 41 | | |
| MT5C2565 | /29315 | | 2 6 3 | 09/20/89 | | 41 | | |
| MT5C2568 | /29307 | | 1 6 3 | 09/20/89 | B1 | 41 | | |
| MT5C2568 | /29308 | | 1 6 3 | 09/20/89 | B1 | 41 | | |
| MT5C2568 | /29309 | | 1 6 3 | 09/20/89 | B2 | 41 | | |
| MT5C2568 | /29313 | | 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 | / / | | | | - |
| MM5290 | | 5962-8956301H | 2 17 16 | / / | | | | |
| MM5291 | | 5962-8956302H | 2 17 16 | / / | | | | |
| MM5295 | | 5962-8956901H | 1 17 16 | / / | | | | |
| 5300-1 | /20301 | | 1 7 5 | C 11/27/85 | B1 S2 | 14 | | F |
| 5301-1 | /20302 | | 1 7 5 | C 11/27/85 | B1 S2 | 14 | | L |
| MCMS303 | /20101 | | 4 7 1 | C 03/24/86 | | 7 | | - |
| MCMS304 | /20102 | | 4 7 1 | C 03/24/86 | B1 | 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 | | F |
| 53S1680 | /21001 | | 2 7 5 | D 05/16/86 | | 14 | | - |
| 53S1681 | /21002 | | 1 7 5 | D 05/16/86 | | 14 | | F |
| 532S | /13903 | | 1 8 12 | B 2 03/24/85 | | 49 | | |
| UH-532 | | 5962-8960403 | 2 13 12 | / / | | | | |
| 5330 | /20701 | | 1 7 5 | B 1 05/16/86 | S1 | 14 | | L |
| HA-5330 | | 5962-8767701 | 2 20 26 | / / | | | | |
| 5331 | /20702 | | 1 7 5 | B 1 05/16/86 | B1 S2 | 14 | | L |
| 53S3281 | /21102 | | 1 7 5 | 04/01/87 | | 14 | | - |
| 534T | /13901 | | 1 8 12 | B 2 03/24/85 | | 49 | | F |
| 534S | /13902 | | 1 8 12 | B 2 03/24/85 | | 49 | | |
| 5341-1 | /20802 | | 1 7 5 | C 01/31/84 | | 14 | | F |
| 53S440 | /20601 | | 3 7 5 | B 01/31/84 | | 14 | | L |
| 53S441 | /20602 | | 1 7 5 | B 01/31/84 | | 14 | | L |
| 5348-1 | /20804 | | 2 7 5 | C 01/31/84 | B1 S2 | 14 | | L |
| 5349-1 | /20805 | | 2 7 5 | C 01/31/84 | S1 | 14 | | L |
| 1H5352 | | 5962-8875001 | 2 24 3 | / / | | | | |
| 53S841 | /20902 | | 1 7 5 | D 1 09/30/86 | B1 S2 | 14 | | - |
| AD539 | | 5962-8980901 | 2 24 12 | / / | | | | |
| 54ALS00 | /37001 | | 1 1 19 | 2 03/18/83 | | 8 | | - |
| 54F00 | /33001 | | 1 1 18 | B 2 04/05/83 | S1 | 8 | | F |
| 54LS00 | /30001 | | 1 1 2 | 0 1 07/15/87 | S1 | 8 | | P |
| 54HC00 | /65001 | 8403701 | 2 1 21 | A 05/22/87 | B1 S2 | 36 | | P |
| 54HCT00 | | 5962-8683101 | 2 1 21 | / / | | | | F |
| 54AC00 | /75001 | 5962-8754901 | 2 1 24 | 1 03/15/89 | | 36 | | - |
| 54ALS00A | /37001 | 5962-8683301 | 2 1 19 | 2 03/18/83 | | 8 | | - |
| 54ACT00 | | 5962-8769901 | 2 1 24 | / / | | | | |
| 54S00 | /07001 | | 3 1 5 | B 1 11/22/85 | B1 | 8 | | L |
| 54H00 | /02304 | | 3 1 9 | A 4 07/14/72 | | 1 | | L |
| 54L00 | /02004 | | 3 1 10 | A 2 11/20/72 | S1 | 15 | | L |
| 5400 | /00104 | | 3 1 1 | E 2 06/01/82 | S1 | 1 | | L |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| HCPL-5401 | | 5962-8957001 | 1 22 16 | / / | | | | |
| 54H01 | /02306 | | 3 1 9 | A 4 07/14/72 | | 1 | | L |
| 54L01 | /02006 | | 3 1 10 | A 2 11/20/72 | B1 | 15 | | L |
| 5401 | /00107 | | 3 1 1 | E 2 06/01/82 | B1 | 1 | | L |
| 54F02 | /33301 | | 1 1 18 | B 11/13/87 | B1 | 8 | | F |
| 54LS02 | /30301 | | 1 1 2 | C 11/12/87 | S1 | 8 | | P |
| 54HC02 | /65101 | 8404101 | 2 1 21 | A 05/15/87 | B1 S2 | 36 | | P |
| 54AC02 | | 5962-8761201 | 2 1 24 | / / | | | | - |
| 54ALS02 | /37301 | 5962-8684401 | 2 1 19 | 03/18/83 | | 8 | | F |
| 54HCT02 | | 5962-8975101 | 2 1 21 | / / | | | | |
| 54S02 | /07301 | | 3 1 5 | A 2 09/07/83 | S1 | 8 | | L |
| 54L02 | /02701 | | 3 1 10 | 3 08/21/72 | S1 | 15 | | L |
| 5402 | /00401 | | 3 1 1 | C 02/25/77 | | 1 | | L |
| 54LS03 | /30002 | | 1 1 2 | D 1 07/15/87 | S1 | 8 | | P |
| 54HC03 | | 5962-8764701 | 2 1 21 | / / | | | | - |
| 54S03 | /07002 | | 3 1 5 | B 1 11/22/85 | S1 | 8 | | L |
| 54L03 | /02006 | | 3 1 10 | A 2 11/20/72 | B1 | 15 | | L |
| 5403 | /00109 | | 3 1 1 | E 2 06/01/82 | | 1 | | L |
| 54ALS04 | /37006 | | 1 1 19 | 2 03/18/83 | S1 | 8 | | L |
| 54F04 | /33002 | | 1 1 18 | B 2 04/05/83 | S1 | 8 | | F |
| 54LS04 | /30003 | | 1 1 2 | D 1 07/15/87 | S1 | 8 | | P |
| 54HC04 | /65701 | 8409801 | 2 1 21 | 09/30/86 | S2 | 37 | | F |
| 54HCU04 | | 8601001 | 2 1 21 | / / | | | | - |
| 54AC04 | /75701 | 5962-8760901 | 2 1 24 | 12/28/89 | | 37 | | - |
| 54ALS04B | /37006 | 5962-8684301 | 2 1 19 | 2 03/18/83 | S1 | 8 | | L |
| 54ACT04 | | 5962-8973401 | 2 1 24 | / / | | | | |
| 54HCT04 | /65751 | 5962-8974701 | 2 1 21 | 09/30/86 | B2 | | | |
| 54S04 | /07003 | | 3 1 5 | B 1 11/22/85 | B1 | 8 | | L |
| 54H04 | /02305 | | 3 1 9 | A 4 07/14/72 | | 1 | | L |
| 54L04 | /02005 | | 3 1 10 | A 2 11/20/72 | | 15 | | L |
| 5404 | /00105 | | 3 1 1 | E 2 06/01/82 | | 1 | | L |
| 54LS05 | /30004 | | 1 1 2 | D 1 07/15/87 | S1 | 8 | | P |
| 54ALS05A | | 5962-8854001 | 2 1 19 | / / | | | | - |
| 54HC05 | | 5962-8871801 | 2 1 21 | / / | | | | - |
| 54S05 | /07004 | | 3 1 5 | B 1 11/22/85 | S1 | 8 | | L |
| 5405 | /00108 | | 3 1 1 | E 2 06/01/82 | | 1 | | L |
| 5406 | /00801 | | 1 2 1 | D 1 06/28/85 | B1 | 2 | | L |
| 5407 | /00803 | | 1 2 1 | D 1 06/28/85 | B1 | 2 | | L |
| 54F074 | /34101 | | 1 3 18 | E 04/28/89 | B1 | 10 | | F |
| 54F08 | /34001 | | 1 1 18 | C 01/11/88 | S1 | 8 | | F |
| 54LS08 | /31004 | | 1 1 2 | C 11/18/87 | B1 | 8 | | |
| 54HC08 | /65203 | 8404701 | 2 1 21 | A 05/15/87 | S1 | 36 | | P |
| 54HCT08 | | 5962-8688301 | 2 1 21 | / / | | | | - |
| 54AC08 | /75203 | 5962-8761501 | 2 1 12 | 12/28/90 | | | | - |
| 54ALS08 | /37401 | 5962-8684201 | 2 1 19 | 1 03/18/83 | | 8 | | - |
| 5408 | /01601 | | 3 1 1 | 2 05/15/73 | B1 | 1 | | L |
| 54S08 | /08003 | | 3 1 5 | D 12/08/87 | | 8 | | L |
| 54C08 | | 7703601 | 3 1 8 | / / | | | | - |
| 54LS09 | /31005 | 8001901 | 2 1 2 | C 11/18/87 | B1 | 8 | | P |
| 54ALS09 | | 8414201 | 2 1 19 | / / | | | | - |
| 54HC09 | | 5962-8862001 | 2 1 21 | / / | | | | - |
| 54F09 | | 5962-8872301 | 2 1 18 | / / | | | | - |
| 5409 | /01602 | | 3 1 1 | 2 05/15/73 | | 1 | | L |
| 54S09 | /08004 | | 4 1 5 | D 12/08/87 | B1 | 8 | | - |
| OPA541 | | 5962-8870101 | 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/ | Radi- ation level 6/ | NATO |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|-------------------------------|------|
| 54ALS10 | /37002 | | 1 1 19 | 2 03/18/83 | | 8 | | F |
| 54F10 | /33003 | | 1 1 18 | B 2 04/05/83 | S1 | 8 | | F |
| 54LS10 | /30005 | | 1 1 2 | D 1 07/15/87 | B1 | 8 | | P |
| 54HC10 | /65002 | 8403801 | 2 1 21 | A 05/22/87 | B1 S2 | 36 | | P |
| 54AC10 | /75002 | 5962-8761001 | 2 1 24 | 1 03/15/89 | | 36 | | - |
| 54ALS10A | /37002 | 5962-8686501 | 2 1 19 | 2 03/18/83 | | 8 | | F |
| 54HCT10 | | 5962-8984301 | 2 1 21 | / / | | | | |
| 54S10 | /07005 | | 3 1 5 | B 1 11/22/85 | S1 | 8 | | L |
| 54H10 | /02303 | | 3 1 9 | A 4 07/14/72 | | 1 | | L |
| 54L10 | /02003 | | 3 1 10 | A 2 11/20/72 | S1 | 15 | | L |
| 5410 | /00103 | | 3 1 1 | E 2 06/01/82 | S1 | 1 | | L |
| 54ALS1000 | /38401 | | 1 2 19 | 12/07/83 | B1 S2 | 9 | | - |
| 54ALS1000A | /38401 | 8405901 | 2 2 19 | 12/07/83 | B1 S2 | 9 | | - |
| 54ALS1002 | /38402 | | 1 2 19 | 12/07/83 | B1 S2 | 9 | | F |
| 54ALS1003 | /38403 | | 2 2 19 | 12/07/83 | | | | - |
| 54ALS1004 | /38409 | 8406101 | 2 2 19 | 12/07/83 | | 9 | | - |
| 54AS1004A | | 5962-8872901 | 3 2 18 | / / | | | | |
| 54ALS1005 | /38410 | | 2 2 19 | 12/07/83 | B1 S2 | 9 | | |
| 54ALS1008A | /38404 | 8409701 | 2 2 19 | 12/07/83 | | 9 | | P |
| 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 | B1 S2 | 9 | | F |
| 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-E873001 | 3 2 18 | / / | | | | |
| 54ALS1034 | /38411 | 8403101 | 2 2 19 | 12/07/83 | | 9 | | - |
| 54AS1034A | | 5962-8873101 | 2 2 18 | / / | | | | |
| 54ALS1035 | /38412 | 5962-8874201 | 2 2 19 | 12/07/83 | B1 | 9 | | |
| 54LS107 | /30108 | | 1 3 2 | D 04/08/88 | B1 | 10 | | F |
| 54HC107 | /65303 | 5962-8515401 | 2 3 21 | A 01/15/88 | B1 | 38 | | F |
| 54107 | /00203 | | 3 3 1 | E 7 12/24/74 | | 3 | | L |
| 54ALS109 | /37102 | | 1 3 19 | A 1 08/08/86 | S2 | 10 | | F |
| 54F109 | /34102 | | 1 3 18 | E 04/28/89 | B1 | 10 | | F |
| 54LS109 | /30109 | | 1 3 2 | D 04/08/88 | | 10 | | P |
| 54ALS109A | /37102 | 8400001 | 2 3 19 | A 1 08/08/86 | S2 | 10 | | F |
| 54HC109 | /65304 | 8415001 | 2 3 21 | A 01/15/88 | B1 | 38 | | - |
| 54ACT109 | | 5962-8853401 | 2 3 24 | / / | | | | |
| 54AC109 | /75304 | 5962-8955101 | 2 3 24 | 05/14/90 | | 38 | | - |
| 54ALS11 | /37402 | | 1 1 19 | 1 03/18/83 | | 8 | | - |
| 54F11 | /34002 | | 1 1 18 | C 01/11/88 | B1 | 8 | | F |
| 54LS11 | /31001 | | 1 1 2 | C 11/18/87 | B1 | 8 | | F |
| 54HC11 | /65204 | 8404801 | 2 1 21 | A 05/15/87 | B1 | 36 | | - |
| 54AC11 | /75204 | 5962-8761101 | 2 1 24 | 12/28/90 | | | | - |
| 54ALS11A | /37402 | 5962-8684101 | 2 1 19 | 1 03/18/83 | | 8 | | - |
| 54HCT11 | | 5962-8970901 | 2 1 21 | / / | | | | - |
| 54S11 | /08001 | | 3 1 5 | D 12/08/87 | | 8 | | L |
| 54S11 | /08001 | | 4 1 5 | D 12/08/87 | | 8 | | L |
| 54AC1100 | /75021 | | 2 1 24 | 1 03/15/89 | | | | - |
| 54AC11000 | /75021 | 5962-8754902 | 3 1 24 | 1 03/15/89 | | | | - |
| 54ACT11000 | | 5962-E769902 | 3 1 24 | / / | | | | |
| 54AC11002 | | 5962-8761202 | 3 1 24 | / / | | | | |
| 54ACT11004 | | 5962-8973402 | 3 1 24 | / / | | | | |
| 54AC11004 | | 5962-8760902 | 3 1 24 | / / | | | | |
| 54ACT11008 | | 5962-8954701 | 3 1 24 | / / | | | | |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 54AC11008 | /75022 | 5962-8761502 | 3 1 4 | / / | 1 | 03/15/89 | | |
| 54AC11010 | | 5962-8761002 | 3 1 24 | / / | | | | |
| 54AC11011 | | 5962-8761102 | 3 1 24 | / / | | | | |
| 54AC11020 | /75023 | 5962-8761302 | 3 1 24 | 1 03/15/89 | 1 | 03/15/89 | 36 | - |
| 54AC11030 | /75024 | | 2 1 24 | 1 03/15/89 | | | | |
| 54ACT11032 | | 5962-8973602 | 3 1 24 | / / | | | | |
| 54ACT11074 | | 5962-8752502 | 3 3 24 | / / | | | | - |
| 54AC11074 | | 5962-8852002 | 3 3 24 | / / | | | | |
| 54ACT11109 | | 5962-8853402 | 3 3 24 | / / | | | | |
| 54ALS112 | /37103 | | 1 3 19 | A 1 08/08/86 | B1 | 10 | | - |
| 54F112 | /34103 | | 1 3 18 | E 04/28/89 | | | | |
| 54LS112 | /30103 | | 1 3 2 | D 04/08/88 | | | | |
| 54AC112 | /75305 | | 2 3 24 | 05/14/90 | B1 | 10 | 38 | F |
| 54ALS112A | /37103 | 84000C2 | 2 3 19 | A 1 08/08/86 | | | | |
| 54HC112 | /65305 | 8408801 | 2 3 21 | A 01/15/88 | | | | |
| 54HCT112 | /07102 | 5962-8970201 | 2 3 21 | / / | C 4 | 07/23/84 | 10 | L |
| 54S112 | | | 3 3 5 | 07/23/84 | | | | |
| 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 | /30104 | 5962-8755202 | 3 2 24 | / / | D | 04/08/88 | B1 | 10 |
| 54LS113 | | | 1 3 2 | 04/08/88 | | | | |
| 54HC113 | | 5962-8969501 | 2 3 21 | / / | C 4 | 07/23/84 | 10 | L |
| 54S113 | /07103 | | 3 3 5 | 07/23/84 | | | | |
| 54ACT11373 | | 5962-8755602 | 3 3 1 | / / | | | | |
| 54AC11373 | | 5962-8755502 | 3 3 4 | / / | D | 04/08/88 | B1 | 10 |
| 54ACT11374 | | 5962-8763102 | 3 3 24 | / / | | | | |
| 54LS114 | | | 1 3 2 | 04/08/88 | C 4 | 07/23/84 | B1 | 10 |
| 54S114 | /07104 | | 3 3 5 | 07/23/84 | | | | |
| 54ACT11534 | | 5962-8965802 | 3 3 24 | / / | | | | |
| 54116 | /01503 | | 3 3 1 | A 1 07/27/79 | S1 | 8 | | L |
| 54LS12 | /30006 | | 1 1 2 | D 1 07/15/87 | | | | |
| 5412 | /00106 | | 3 1 1 | E 2 06/01/82 | | | | |
| 54121 | /01201 | | 3 3 1 | G 08/20/85 | B1 | 17 | | L |
| 54L121 | /04201 | | 4 3 10 | C 05/03/82 | | | | |
| 54LS122 | /31403 | 7600301 | 2 3 2 | B 1 05/23/84 | | | | |
| 54122 | /01202 | | 3 3 1 | G 08/20/85 | B1 | 10 | | P |
| 54L122 | /04202 | | 4 3 10 | C 05/03/82 | | | | |
| 54LS123 | /31401 | 7603901 | 2 3 2 | B 1 05/23/84 | | | | |
| 54HC123 | /01203 | 5962-8684701 | 2 3 21 | / / | G | 08/20/85 | B1 | 3 |
| 54HC123A | | 5962-8684702 | 2 3 21 | / / | | | | |
| 54HCT123 | | 5962-8970001 | 2 3 21 | / / | | | | |
| 54123 | | | 3 3 1 | 08/20/85 | | | | L |
| 54LS124 | | 7704101 | 3 24 2 | / / | | | | |
| 54ALS1244A | | 5962-8873801 | 2 2 19 | / / | C | 08/07/87 | B1 | 9 |
| 54ALS1245A | /32301 | 5962-8873701 | 2 13 19 | / / | | | | |
| 54LS125A | | | 1 2 2 | 08/07/87 | | | | |
| 54HC125 | | 5962-8772101 | 2 2 21 | / / | A | 03/11/85 | | P |
| 54BCT125 | | 5962-9093701M | 2 2 26 | / / | | | | |
| 54125 | /15301 | | 3 2 1 | 03/11/85 | | | | |
| 54LS126 | /32302 | | 1 2 2 | C 08/07/87 | S1 | 9 | | F |
| 54HC126 | | 5962-8684801 | 2 2 21 | / / | | | | |
| 54126 | | | 3 2 1 | 03/11/85 | | | | |
| 54LS13 | /31301 | | 1 1 2 | A 1 07/22/83 | S1 | 8 | | L |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|-------------------------------|------|
| 5413 | /15101 | | 3 1 1 | A 1 09/30/85 | B1 | 1 | | L |
| 54HC132 | /65005 | | 1 1 21 | A 05/22/87 | B1 | 36 | | F |
| 54LS132 | /31303 | 7600401 | 2 1 2 | A 1 07/22/83 | B1 | 8 | | P |
| 54HCT132 | | 5962-8984501 | 2 1 21 | / / | | | | |
| 54132 | /15103 | | 3 1 1 | A 1 09/30/85 | | 1 | | L |
| 54HC133 | | 5962-8772301 | 2 1 21 | / / | | | | - |
| 54ALS133 | /37005 | 5962-8859001 | 2 1 19 | 2 03/18/83 | S2 | 8 | | - |
| 54S133 | /07009 | | 3 1 5 | B 1 11/22/85 | B1 | 8 | | L |
| 54S134 | /07010 | | 4 1 5 | B 1 11/22/85 | B1 | 8 | | - |
| 54S135 | /07502 | | 4 1 5 | B 1 11/27/85 | | 8 | | L |
| 54F138 | /33701 | | 1 4 18 | A 2 08/09/83 | B1 | 11 | | |
| 54LS138 | /30701 | 7600501 | 2 4 2 | C 11/05/87 | S1 | 11 | | P |
| 54HC138 | /65802 | 8406201 | 2 4 21 | 12/19/86 | | 39 | | - |
| 54HCT138 | /65852 | 8550401 | 2 4 21 | 12/19/86 | B1 S2 | 39 | | F |
| 54ACT138 | | 5962-8755401 | 2 4 24 | / / | | | | - |
| 54AC138 | /75802 | 5962-8762201 | 2 4 24 | 12/28/89 | | 39 | | - |
| 54FCT138 | | 5962-8765401 | 2 4 25 | / / | | | | - |
| 54ALS138 | /37701 | 5962-8686601 | 2 4 19 | 1 08/09/83 | | 11 | | F |
| 54FCT138A | | 5962-8765402 | 2 4 25 | / / | | | | F |
| 54S138 | /07701 | 7604101 | 3 4 5 | A 4 08/20/84 | | 11 | | L |
| 54F139 | /33702 | | 1 4 18 | A 2 08/09/83 | | 11 | | F |
| 54HCT139 | /65853 | | 2 4 21 | 12/19/86 | B1 | 39 | | |
| 54LS139 | /30702 | 7600701 | 2 4 2 | C 11/05/87 | B1 | 11 | | P |
| 54HC139 | /65803 | 8409201 | 2 4 21 | 12/19/86 | B1 S2 | 39 | | F |
| 54ACT139 | | 5962-8755301 | 2 4 24 | / / | | | | - |
| 54ALS139 | | 5962-8768301 | 2 4 19 | / / | | | | F |
| 54AC139 | /75803 | 5962-8762301 | 2 4 24 | 12/28/89 | | 39 | | - |
| 54FCT139 | | 5962-8950801 | 2 4 25 | / / | | | | - |
| 54FCT139A | | 5962-8950802 | 2 4 25 | / / | | | | - |
| 54S139 | /07702 | 7700401 | 3 4 5 | A 4 08/20/84 | | 11 | | L |
| 54LS14 | /31302 | | 1 1 2 | A 1 07/22/83 | S1 | 8 | | |
| 54HC14 | /65702 | 8409101 | 2 1 21 | 09/30/86 | S1 | 37 | | F |
| 54HCT14 | /65752 | 5962-8689001 | 2 1 21 | 09/30/86 | | 37 | | - |
| 54AC14 | /75702 | 5962-8762401 | 2 1 24 | 12/28/89 | | 37 | | F |
| 54F14 | | 5962-8875201 | 2 1 18 | / / | | | | |
| 54HCT14 | | 5962-8689001 | 2 1 21 | / / | | | | |
| 5414 | /15102 | | 3 1 1 | A 1 09/30/85 | | 1 | | L |
| 54S140 | /08101 | | 1 13 5 | C 11/06/87 | S1 | 9 | | L |
| 54LS145 | | 8508401 | 2 4 2 | / / | | | | - |
| 54145 | /01005 | | 3 4 1 | C 03/03/86 | | 4 | | L |
| 54HC147 | | 8406401 | 2 4 21 | / / | | | | - |
| 54147 | /15601 | | 4 4 1 | B 07/21/86 | | 4 | | - |
| 54LS148 | /36001 | 7802701 | 2 4 2 | A 2 08/26/83 | S1 S2 | 11 | | P |
| 54F148 | | 5962-8607001 | 2 4 18 | / / | | | | P |
| 54148 | /15602 | | 4 4 1 | B 07/21/86 | | 4 | | - |
| 54LS15 | /31002 | | 1 1 2 | C 11/18/87 | S1 | 8 | | P |
| 54S15 | /08002 | | 4 1 5 | D 12/08/87 | S1 | 8 | | - |
| 54150 | /01401 | | 3 4 1 | D 2 08/02/82 | B1 | 4 | | L |
| 54F151A | /33901 | | 1 4 18 | C 1 09/02/86 | S1 | 11 | | F |
| 54HC151B | /66201 | | 2 4 21 | 03/31/88 | | 39 | | F |
| 54LS151 | /30901 | 7601001 | 2 4 2 | D 3 06/21/85 | S1 | 11 | | P |
| 54HC151 | /66201 | 8412801 | 2 4 21 | 03/31/88 | | 39 | | F |
| 54ALS151 | | 8414101 | 2 4 19 | / / | | | | - |
| 54AC151 | | 5962-8769101 | 2 4 24 | / / | | | | - |
| 54ACT151 | | 5962-8875601 | 2 4 24 | / / | | | | - |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 54S151 | /07901 | | 3 4 5 | C 11/03/87 | B1 | 11 | | L |
| 54151 | /01406 | | 3 4 1 | D 2 08/02/82 | | 4 | | L |
| 54F153 | /33902 | | 1 4 18 | C 1 09/02/86 | S1 | 11 | | F |
| 54HC153B | /66202 | | 2 4 21 | 03/31/88 | | 39 | | - |
| 54LS153 | /30902 | 7601101 | 2 4 2 | D 3 06/21/85 | S1 | 11 | | P |
| 54HC153 | /66202 | 8409301 | 2 4 21 | 03/31/88 | | 39 | | - |
| 54ALS153 | | 8413401 | 2 4 19 | / / | | | | - |
| 54AC153 | | 5962-8762501 | 2 4 24 | / / | | | | |
| 54ACT153 | | 5962-8769801 | 2 4 24 | / / | | | | |
| 54S153 | /07902 | | 3 4 5 | C 11/03/87 | B1 | 11 | | L |
| 54153 | /01403 | | 3 4 1 | D 2 08/02/82 | B1 | 4 | | L |
| 54LS154 | | 8301701 | 2 4 2 | / / | | | | F |
| 54HCT154 | | 5962-8670101 | 2 4 21 | / / | | | | - |
| 54HC154 | /65804 | 5962-8682201 | 2 4 21 | 12/19/86 | | 39 | | F |
| 54154 | /15201 | | 4 4 1 | B 07/21/86 | | 4 | | - |
| 54LS155 | /32601 | | 1 4 2 | B 2 07/24/84 | S1 | 11 | | - |
| 54155 | /15202 | | 4 4 1 | B 07/21/86 | | 4 | | - |
| 54LS156 | /32602 | | 1 4 2 | B 2 07/24/84 | S1 | 11 | | P |
| 54156 | /15203 | | 4 4 1 | B 07/21/86 | | 4 | | - |
| 54F157A | /33903 | | 1 4 18 | C 1 09/02/86 | S1 | 11 | | F |
| 54HC157B | /66203 | | 2 4 21 | 03/31/88 | | 39 | | - |
| 54LS157 | /30903 | 7600201 | 2 4 2 | D 3 06/21/85 | S1 | 11 | | P |
| 54HC157 | /66203 | 5962-8606101 | 2 4 21 | 03/31/88 | | 39 | | - |
| 54ALS157 | | 5962-8686901 | 2 4 19 | / / | | | | - |
| 54ACT157 | | 5962-8968801 | 2 4 24 | / / | | | | |
| 54AC157 | | 5962-8953901 | 2 4 24 | / / | | | | |
| 54S157 | /07903 | | 3 4 5 | C 11/03/87 | | 11 | | L |
| 54157 | /01405 | | 3 4 1 | D 2 08/02/82 | | 4 | | L |
| 54L157 | /04603 | | 4 4 10 | B 03/21/84 | | 18 | | - |
| 54F158A | /33904 | | 1 4 18 | C 1 09/02/86 | S1 | 11 | | F |
| 54HC158 | /66204 | | 1 4 21 | 03/31/88 | | 39 | | F |
| 54HC158B | /66204 | | 1 4 21 | 03/31/88 | | 39 | | F |
| 54HC158 | /66204 | 5962-8682301 | 2 4 21 | 03/31/88 | | 39 | | F |
| 54LS158 | /30904 | 7603301 | 2 4 2 | D 3 06/21/85 | S1 | 11 | | - |
| 54ALS158 | | 5962-8862501 | 2 4 19 | / / | | | | F |
| 54ACT158 | | 5962-8875501 | 2 4 24 | / / | | | | |
| 54AC158 | | 5962-8972901 | 2 4 24 | / / | | | | |
| 54S158 | /07904 | | 3 4 5 | C 11/03/87 | | 11 | | L |
| 5416 | /00802 | | 3 2 1 | D 1 06/28/85 | S1 | 2 | | L |
| 54F160A | /34401 | | 1 5 18 | 1 06/12/86 | B1 | 12 | | F |
| 54LS160 | /31503 | | 1 5 2 | C 2 01/17/84 | | 12 | | F |
| 54ALS160 | /38101 | | 2 5 19 | 2 02/21/84 | | 12 | | - |
| 54HC160 | /66301 | 5962-8682401 | 2 5 21 | 09/30/87 | B1 | 40 | | F |
| 54LS160A | /31503 | 7700901 | 2 5 2 | C 2 01/17/84 | | 12 | | F |
| 54160 | /01303 | | 3 5 1 | F 5 04/16/82 | B1 | 5 | | L |
| 54ALS161 | /38001 | | 1 5 19 | A 1 08/08/86 | S2 | 12 | | - |
| 54F161A | /34301 | | 1 5 18 | A 09/21/89 | | 12 | | F |
| 54LS161 | /31504 | 7600801 | 2 5 2 | C 2 01/17/84 | S1 | 12 | | P |
| 54HC161 | /66302 | 8407501 | 2 5 21 | 09/30/87 | | 40 | | P |
| 54HCT161 | | 5962-8685401 | 2 5 21 | / / | | | | F |
| 54ALS161B | /38001 | 8302201 | 2 5 19 | A 1 08/08/86 | S2 | 12 | | - |
| 54FCT161 | | 5962-8864001 | 2 5 25 | / / | | | | - |
| 54AC161 | | 5962-8956101 | 2 5 24 | / / | | | | - |
| 54161 | /01306 | | 3 5 1 | F 5 04/16/82 | B1 | 5 | | L |
| 54F162A | /34402 | | 1 5 18 | 1 06/12/86 | 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 3/ 4/ | Micro- circuit group 5/ | Rad- iation level 6/ | NATO |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|-------------------------------|------|
| 54LS162A | /31511 | | 1 5 2 | C 2 01/17/84 | S1 S2 | 12 | | |
| 54ALS162A | /38102 | 8407901 | 2 5 19 | 2 02/21/84 | | 12 | | P |
| 54HC162 | /66303 | 8409401 | 2 5 21 | 09/30/87 | B1 | 40 | | P |
| 54HCT162 | | 5962-8970701 | 2 5 21 | / / | | | | |
| 54162 | /01305 | | 3 5 1 | F 5 04/16/82 | | 5 | | L |
| 54ALS163 | /38002 | | 1 5 19 | A 1 08/08/86 | | 12 | | - |
| 54F163A | /34302 | | 1 5 18 | A 09/21/89 | B1 | 12 | | F |
| 54LS163 | /31512 | | 1 5 2 | C 2 01/17/84 | S1 | 12 | | P |
| 54LS163A | /31512 | 7603401 | 2 5 2 | C 2 01/17/84 | S1 | 12 | | P |
| 54HC163 | /66304 | 8607601 | 2 5 21 | 09/30/87 | | 40 | | - |
| 54ALS163B | /38002 | 8302202 | 2 5 19 | A 1 08/08/86 | | 12 | | - |
| 54FCT163 | | 5962-8865701 | 2 5 25 | / / | | | | - |
| 54FCT163A | | 5962-8865702 | 2 5 25 | / / | | | | - |
| 54AC163 | | 5962-8958201 | 2 5 24 | / / | | | | - |
| 54163A | /01304 | | 3 5 1 | F 5 04/16/82 | | 5 | | L |
| 54LS164 | /30605 | | 1 5 2 | D 11/06/87 | B1 | 12 | | F |
| 54HC164 | /66501 | 8416201 | 2 5 21 | 08/31/88 | | 40 | | - |
| 54F164 | | 5962-8607101 | 2 5 18 | / / | | | | F |
| 54HCT164 | | 5962-8970401 | 2 5 21 | / / | | | | |
| 54ALS164 | | 5962-8687001 | 2 5 19 | / / | | | | |
| 54L164 | /02802 | | 3 5 10 | 2 08/02/74 | | 19 | | L |
| 54164 | /00903 | | 3 5 1 | D 5 06/04/80 | B1 | 5 | | L |
| 54LS165 | /30608 | | 1 5 2 | D 11/06/87 | | 12 | | F |
| 54LS165A | /30608 | 7700601 | 2 5 2 | D 11/06/87 | | 12 | | F |
| 54HC165 | /66502 | 8409501 | 2 5 21 | 08/31/88 | | 40 | | P |
| 54HCT165 | | 5962-8685501 | 2 5 21 | / / | | | | F |
| 54ALS165 | | 5962-8957401 | 2 5 19 | / / | | | | |
| 54165 | /00904 | | 3 5 1 | D 5 06/04/80 | | 5 | | L |
| 54HC166 | /66503 | | 2 5 21 | 08/31/88 | | 40 | | |
| 54LS166 | /30609 | 8001701 | 2 5 2 | D 11/06/87 | B1 | 12 | | F |
| 54ALS168 | /38103 | | 2 5 19 | 2 02/21/84 | | 12 | | - |
| 54LS168 | /31505 | 8001801 | 2 5 2 | C 2 01/17/84 | B1 | 12 | | - |
| 54ALS169 | /38003 | | 1 5 19 | A 1 08/08/86 | | 12 | | F |
| 54LS169 | /31506 | 8001802 | 2 5 2 | C 2 01/17/84 | S1 | 12 | | F |
| 54ALS169B | /38003 | 8302501 | 2 5 19 | A 1 08/08/86 | | 12 | | F |
| 54ALS569A | /38005 | 8302502 | 2 5 19 | A 1 08/08/86 | S2 | | | F |
| 54F169 | | 5962-8607201 | 2 5 18 | / / | | | | - |
| 5417 | /00804 | | 3 2 1 | D 1 06/28/85 | B1 | 2 | | L |
| 54LS170 | /31902 | 8002501 | 2 5 2 | B 2 03/04/85 | S1 | | | F |
| 54170 | /01801 | | 4 5 1 | A 08/09/83 | | 5 | | - |
| 54LS173A | /36101 | | 1 3 2 | A 01/11/88 | B1 | 12 | | F |
| 54HC173 | /65306 | 5962-8682501 | 2 3 21 | A 01/15/88 | B1 | 38 | | F |
| 54HCT173 | | 5962-8875901 | 2 3 21 | / / | | | | |
| 54F174 | /34107 | | 1 3 18 | E 04/28/89 | B1 | 10 | | - |
| 54LS174 | /30106 | | 1 3 2 | D 04/08/88 | | 10 | | F |
| 54ALS174 | /37201 | 8301901 | 2 3 19 | A 02/12/87 | S2 | 10 | | F |
| 54HC174 | /65307 | 8407301 | 2 3 21 | A 01/15/88 | B1 | 38 | | F |
| 54AC174 | /75307 | 5962-8762601 | 2 3 24 | 05/14/90 | | 38 | | - |
| 54ACT174 | | 5962-8775701 | 2 3 24 | / / | | | | - |
| 54HCT174 | | 5962-8974301 | 2 3 21 | / / | | | | |
| 54S174 | /07105 | | 3 3 5 | C 4 07/23/84 | S1 | 10 | | L |
| 54174 | /01701 | | 3 3 1 | A 4 05/01/79 | B1 | 3 | | L |
| 54F175 | /34104 | | 1 3 18 | E 04/28/89 | B1 | 10 | | F |
| 54LS175 | /30107 | | 1 3 2 | D 04/08/88 | B1 | 10 | | F |
| 54ALS175 | /37202 | 8301902 | 2 3 19 | A 02/12/87 | S2 | 10 | | 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 54HC175 | /65308 | 8408901 | 2 3 21 | A 01/15/88 | B1 | 38 | | P |
| 54AC175 | /75308 | 5962-8955201 | 2 3 24 | 05/14/90 | | 38 | | |
| 54ACT175 | | 5962-8969301 | 2 3 24 | / / | | | | |
| 54HCT175 | | 5962-8970101 | 2 3 21 | / / | | | | |
| 54S175 | /07106 | | 3 3 5 | C 4 07/23/84 | | 10 | | L |
| 54175 | /01702 | | 3 3 1 | A 4 05/01/79 | | 3 | | L |
| 54180 | /01901 | | 3 4 1 | 3 02/14/75 | B1 | 4 | | L |
| 54F181 | /33801 | | 1 4 18 | 1 02/24/87 | B1 | 11 | | |
| 54LS181 | /30801 | | 1 4 2 | A 2 02/02/82 | S1 | 11 | | |
| 54S181 | /07801 | | 3 4 5 | A 3 06/06/84 | B1 | 11 | | L |
| 54181 | /01101 | | 3 4 1 | C 05/19/78 | | 4 | | L |
| 54F182 | /33802 | | 1 4 18 | 1 02/24/87 | B1 | 11 | | - |
| 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 |
| 54182 | /01102 | | 3 4 1 | C 05/19/78 | | 4 | | L |
| 54185A | | 7703001 | 3 4 1 | / / | | | | L |
| 54S189 | | 7801502 | 2 6 5 | / / | | | | - |
| 54F190 | /34403 | | 1 5 18 | 1 06/12/86 | S1 | 12 | | F |
| 54LS190 | /31513 | 7603501 | 2 5 2 | C 2 01/17/84 | S1 | 12 | | F |
| 54HC190 | | 5962-8994601 | 2 5 21 | / / | | | | |
| 54F191 | /34303 | | 2 5 18 | A 09/21/89 | S1 | 12 | | F |
| 54LS191 | /31509 | 7600901 | 2 5 2 | C 2 01/17/84 | | 12 | | P |
| 54ALS191 | | 5962-8684001 | 2 5 19 | / / | | | | F |
| 54HC191 | /66305 | 5962-8689101 | 2 5 21 | 09/30/87 | | 40 | | - |
| 54HCT191 | | 5962-8867101 | 2 5 21 | / / | | | | - |
| 54FCT191 | | 5962-8973301 | 2 5 25 | / / | | | | |
| 54FCT191A | | 5962-8973302 | 2 5 25 | / / | | | | |
| 54AC191 | | 5962-8974901 | 2 5 24 | / / | | | | |
| 54F192 | /34404 | | 1 5 18 | 1 06/12/86 | S1 | 12 | | F |
| 54HC192 | /66306 | 5962-8780801 | 2 5 21 | 09/30/87 | | 40 | | F |
| 54LS192 | /31507 | 7603601 | 2 5 2 | C 2 01/17/84 | S1 | 12 | | P |
| 54192 | /01308 | | 3 5 1 | F 5 04/16/82 | B1 | 5 | | L |
| 54F193 | /34304 | | 1 5 18 | A 09/21/89 | | 12 | | F |
| 54LS193 | /31508 | 7600601 | 2 5 2 | C 2 01/17/84 | | 12 | | P |
| 54HC193 | /66307 | 5962-8772401 | 2 5 21 | 09/30/87 | | 40 | | F |
| 54ALS193 | | 5962-8869801 | 2 5 19 | / / | | | | |
| 54L193 | /02503 | | 3 5 10 | D 08/08/86 | | 19 | | L |
| 54193 | /01309 | | 3 5 1 | F 5 04/16/82 | | 5 | | L |
| 54LS194A | /30601 | | 1 5 2 | D 11/06/87 | | 12 | | P |
| 54HC194 | /66504 | 5962-8682601 | 2 5 21 | 08/31/88 | | 40 | | F |
| 54F194 | /33601 | 5962-8685001 | 2 5 18 | A 3 08/09/83 | B1 | 12 | | - |
| 54194 | /00905 | | 3 5 1 | D 5 06/04/80 | S1 | 5 | | L |
| 54S194 | /07601 | 7604001 | 3 5 5 | B 12/04/85 | S1 | 12 | | L |
| 54LS195A | /30602 | | 1 5 2 | D 11/06/87 | B1 | 12 | | P |
| 54HC195 | /66505 | 5962-8682701 | 2 5 21 | 08/31/88 | | 40 | | F |
| 54195 | /00906 | | 3 5 1 | D 5 06/04/80 | | 5 | | L |
| 54S195 | /07602 | | 4 5 5 | B 12/04/85 | | 12 | | - |
| 54LS196 | /32001 | 7701001 | 2 5 2 | C 1 03/06/85 | S1 | 12 | | F |
| 54LS197 | /32002 | 7601501 | 2 5 2 | C 1 03/06/85 | B1 | 12 | | P |
| 54ALS20 | /37003 | | 1 1 19 | 2 03/18/83 | | 8 | | - |
| 54F20 | /33004 | | 1 1 18 | B 2 04/05/83 | S1 | 8 | | P |
| 54LS20 | /30007 | | 1 1 2 | D 1 07/15/87 | B1 | 8 | | P |
| 54HC20 | /65003 | 8403901 | 2 1 21 | A 05/22/87 | | 36 | | P |
| 54AC20 | /75003 | 5962-8761301 | 2 1 24 | 1 03/15/89 | | 36 | | - |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 54ALS20A | /37003 | 5962-8858901 | 2 1 19 | 2 03/18/83 | | 8 | | - |
| 54S20 | /07006 | | 3 1 5 | B 1 11/22/85 | B1 | 8 | | L |
| 54H20 | /02302 | | 3 1 9 | A 4 07/14/72 | | 1 | | L |
| 54L20 | /02002 | | 3 1 10 | A 2 11/20/72 | S1 | 15 | | L |
| 5420 | /00102 | | 3 1 1 | E 2 06/01/82 | S1 | 1 | | L |
| 54LS21 | /31003 | | 1 1 2 | C 11/18/87 | S1 | 8 | | P |
| 54ALS21 | | 8414301 | 2 1 19 | / / | | | | P |
| 54HC21 | | 5962-8857601 | 2 1 21 | / / | | | | P |
| 54F21 | | 5962-8955401 | 2 1 18 | / / | | | | |
| 54AS21 | | 5962-8780401 | 3 1 1 | / / | | | | - |
| 54LS22 | /30008 | | 1 1 2 | D 1 07/15/87 | S1 | 8 | | P |
| 54S22 | /07007 | | 3 1 5 | B 1 11/22/85 | B1 | 8 | | L |
| 54H22 | /02307 | | 3 1 9 | A 4 07/14/72 | | 1 | | L |
| 54LS221 | /31402 | 7604201 | 2 3 2 | B 1 05/23/84 | B1 | 10 | | P |
| 54HC221 | | 5962-8780501 | 2 3 21 | / / | | | | F |
| 54HC221A | | 5962-8780502 | 3 3 21 | / / | | | | |
| 54221 | | 5962-8771101 | 3 3 12 | / / | | | | - |
| 5423 | /00402 | | 3 1 1 | C 02/25/77 | | 1 | | L |
| 54HC237 | | 5962-8860601 | 2 4 21 | / / | | | | F |
| 54HCT237 | | 5962-9061301 | 2 4 21 | / / | | | | |
| 54HC238 | | 5962-8688401 | 2 4 21 | / / | | | | - |
| 54HCT238 | | 5962-8974501 | 2 4 21 | / / | | | | |
| 54ALS240 | /38301 | | 1 2 19 | A 02/11/88 | S2 | 9 | | - |
| 54F240 | /33201 | | 1 2 18 | B 10/30/87 | S1 | 9 | | F |
| 54LS240 | /32401 | 7801201 | 2 2 2 | C 10/15/87 | S1 | 9 | | P |
| 54HC240 | /65703 | 8407401 | 2 2 21 | 09/30/86 | S2 | 37 | | - |
| 54HCT240 | /65753 | 8550501 | 2 2 21 | 09/30/86 | B1 S2 | 37 | | F |
| 54AC240 | /75703 | 5962-8755001 | 2 2 24 | 12/28/89 | | 37 | | - |
| 54FCT240 | | 5962-8765501 | 2 2 25 | / / | | | | P |
| 54ALS240A | /38301 | 5962-8859101 | 2 2 19 | A 02/11/88 | S2 | 9 | | - |
| 54ACT240 | | 5962-8775901 | 2 13 24 | / / | | | | |
| 54FCT240A | | 5962-8765502 | 2 2 25 | / / | | | | |
| 54HC241 | /65704 | | 1 2 21 | 09/30/86 | B1 S2 | 37 | | |
| 54LS241 | /32402 | | 1 2 2 | C 10/15/87 | | 9 | | |
| 54HCT241 | /65754 | | 2 2 21 | 09/30/86 | B1 S2 | 37 | | - |
| 54F241 | /33202 | 5962-8687401 | 2 2 18 | B 10/30/87 | | 9 | | - |
| 54AC241 | /75704 | 5962-8755101 | 2 2 24 | 12/28/89 | | 37 | | - |
| 54ALS241 | /38302 | 5962-8859601 | 2 2 19 | A 02/11/88 | S2 | 9 | | - |
| 54FCT241 | | 5962-8973201 | 2 2 25 | / / | | 3 | | |
| 54FCT241A | | 5962-8973202 | 2 2 25 | / / | | | | |
| 54ACT241 | | 5962-8984701 | 2 2 24 | / / | | | | |
| 54HC242 | /65501 | | 2 13 21 | 1 09/30/86 | | 37 | | |
| 54F242 | /34801 | | 2 13 18 | B 05/12/88 | B1 | 9 | | |
| 54LS242 | /32801 | 8002001 | 2 13 2 | B 4 03/23/84 | B1 | 9 | | P |
| 54ALS242B | /38506 | 8401301 | 2 13 19 | A 01/04/88 | | 9 | | - |
| 54LS243 | /32802 | 8002002 | 2 13 2 | B 4 03/23/84 | | 9 | | P |
| 54ALS243A | /38507 | 8401302 | 2 13 19 | A 01/04/88 | B1 | 9 | | F |
| 54HC243 | /65502 | 8409001 | 2 13 21 | 1 09/30/86 | | 37 | | P |
| 54F243 | /34802 | 5962-6683401 | 2 13 18 | B 05/12/88 | B1 | 9 | | |
| 54ALS244 | /38303 | | 1 2 19 | A 02/11/88 | | 9 | | - |
| 54F244 | /33203 | | 1 2 18 | B 10/30/87 | B1 | 9 | | F |
| 54HC244 | /65705 | 8409601 | 2 2 21 | 09/30/86 | | 37 | | P |
| 54HCT244 | /65755 | 8513001 | 2 2 21 | 09/30/86 | B1 S2 | 37 | | - |
| 54LS244 | /32403 | 7705701 | 2 2 2 | C 10/15/87 | | 9 | | - |
| 54AC244 | /75705 | 5962-8755201 | 2 2 24 | 12/28/89 | | 37 | | - |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 54ALS244A | /38303 | 5962-8683901 | 2 2 19 | A 02/11/88 | | 9 | | - |
| 54FCT244 | | 5962-8763001 | 2 2 25 | / / | | | | - |
| 54ACT244 | | 5962-8776001 | 2 2 24 | / / | | | | - |
| 54FCT244A | | 5962-8763002 | 2 2 25 | / / | | | | - |
| 54BCT244 | | 5962-9062501M | 2 13 26 | / / | | | | |
| 54LS245 | /32803 | 8002101 | 2 13 2 | B 4 03/23/84 | B1 | 9 | | P |
| 54ALS245A | | 8403001 | 2 13 19 | / / | | | | - |
| 54HC245 | /65503 | 8408501 | 2 13 21 | 1 09/30/86 | | 37 | | P |
| 54HCT245 | /65553 | 8550601 | 2 13 21 | 1 09/30/86 | B1 | 37 | | - |
| 54F245 | /34803 | 8551101 | 2 13 18 | B 05/12/88 | S1 | 9 | | - |
| 54ACT245 | | 5962-8766301 | 2 13 24 | / / | | | | |
| 54FCT245 | | 5962-8762901 | 2 13 25 | / / | | | | - |
| 54AC245 | | 5962-8775801 | 2 13 24 | / / | | | | |
| 54FCT245A | | 5962-8762902 | 2 13 25 | / / | | | | - |
| 54BCT245 | | 5962-9051401M | 2 13 26 | / / | | | | |
| 54LS248 | | 5962-8994401 | 2 4 2 | / / | | | | |
| 5425 | /00403 | | 3 1 1 | C 02/25/77 | | 1 | | L |
| 54F251A | /33905 | | 1 4 18 | C 1 09/02/86 | S1 | 11 | | F |
| 54LS251 | /30905 | 7601601 | 2 4 2 | D 3 06/21/85 | S1 | 11 | | P |
| 54ALS251 | | 8413501 | 2 4 19 | / / | | | | - |
| 54HC251B | /66205 | 8512501 | 2 4 21 | 03/31/88 | | 39 | | - |
| 54AC251 | | 5962-8769201 | 2 4 24 | / / | | | | - |
| 54ACT251 | | 5962-8959901 | 2 4 24 | / / | | | | |
| 54S251 | /07905 | 8002201 | 3 4 5 | C 11/03/87 | B1 | 11 | | L |
| 54F253 | /33908 | | 1 4 18 | C 1 09/02/86 | S1 | 11 | | F |
| 54LS253 | /30908 | 7601701 | 2 4 2 | D 3 06/21/85 | B1 | 11 | | P |
| 54ALS253 | | 8509601 | 2 4 19 | / / | | | | - |
| 54AC253 | | 5962-8769301 | 2 4 24 | / / | | | | - |
| 54ACT253 | | 5962-8776101 | 2 4 24 | / / | | | | - |
| 54HC253B | /66206 | 5962-8868201 | 2 4 21 | 03/31/88 | | | | |
| 54S253 | /07908 | | 3 4 5 | C 11/03/87 | B1 | 11 | | L |
| 54F257A | /33906 | | 1 4 18 | C 1 09/02/86 | S1 | 11 | | F |
| 54LS257 | /30906 | | 1 4 2 | D 3 06/21/85 | S1 | 11 | | F |
| 54LS257B | /30906 | 7603701 | 2 4 2 | D 3 06/21/85 | S1 | 11 | | F |
| 54ALS257 | | 8509701 | 2 4 19 | / / | | | | - |
| 54HC257 | /66207 | 8512401 | 2 4 21 | 03/31/88 | | 39 | | F |
| 54AC257 | | 5962-8870301 | 2 4 24 | / / | | | | - |
| 54ACT257 | | 5962-8968901 | 2 4 24 | / / | | | | |
| 54HCT257 | | 5962-8970501 | 2 4 21 | / / | | | | |
| 54S257 | /07906 | | 3 4 5 | C 11/03/87 | | 11 | | L |
| 54F258A | /33907 | | 1 4 18 | C 1 09/02/86 | S1 | 11 | | F |
| 54LS258 | /30907 | | 1 4 2 | D 3 06/21/85 | B1 | 11 | | F |
| 54LS258B | /30907 | 7603801 | 2 4 2 | D 3 06/21/85 | B1 | 11 | | F |
| 54ALS258 | | 5962-8862601 | 2 4 19 | / / | | | | F |
| 54ACT258 | | 5962-8870401 | 2 4 24 | / / | | | | |
| 54HCT258 | | 5962-8970801 | 2 4 21 | / / | | | | |
| 54S258 | /07907 | 8002301 | 3 4 5 | C 11/03/87 | B1 | 11 | | L |
| 54LS259 | /31603 | | 1 3 2 | D 12/10/87 | S1 | 10 | | F |
| 54LS259B | /31605 | | 1 3 2 | D 12/10/87 | | 10 | | |
| 54HC259 | /65402 | 8551901 | 2 3 21 | 12/19/86 | | 38 | | - |
| 54ALS259 | | 5962-8874101 | 2 3 19 | / / | | | | |
| 54F259 | | 5962-8972301 | 2 3 18 | / / | | | | |
| 54LS26 | /32102 | 7602001 | 2 1 2 | B 08/12/83 | | 9 | | P |
| 5426 | /00805 | | 3 2 1 | D 1 06/28/85 | B1 | 2 | | L |
| 54LS261 | /31801 | 8002601 | 2 4 2 | A 1 08/09/83 | B1 | 11 | | - |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 54LS266 | /30303 | | 1 1 2 | C 11/12/87 | S1 | 8 | | F |
| 54HC266 | /65103 | 8404301 | 2 1 21 | A 05/15/87 | | 36 | | F |
| 54F269 | | 5962-8862701 | 2 5 18 | / / | | | | |
| 54LS27 | /30302 | | 1 1 2 | C 11/12/87 | B1 | 8 | | P |
| 54HC27 | /65102 | 8404201 | 2 1 21 | A 05/15/87 | B1 S2 | 36 | | P |
| 54ALS27 | /37302 | 5962-8683801 | 2 1 19 | 03/18/83 | S2 | 8 | | F |
| 54F27 | | 5962-8951001 | 2 1 18 | / / | | | | |
| 54HCT27 | | 5962-8970301 | 2 1 21 | / / | | | | |
| 5427 | /00404 | | 3 1 1 | C 02/25/77 | B1 | 1 | | L |
| 54LS273 | /32501 | 7801001 | 2 3 2 | C 09/24/87 | S1 | 10 | | P |
| 54HC273 | /65601 | 8409901 | 2 3 21 | 1 03/31/86 | | 38 | | F |
| 54ALS273 | | 8413601 | 2 3 19 | / / | | | | - |
| 54FCT273 | | 5962-8765601 | 2 3 25 | / / | | | | - |
| 54HCT273 | | 5962-8772501 | 2 3 21 | / / | | | | - |
| 54F273 | | 5962-8855001 | 2 3 18 | / / | | | | - |
| 54AC273 | /75601 | 5962-8775601 | 2 3 24 | 08/16/90 | | 38 | | |
| 54FCT273A | | 5962-8765602 | 2 3 25 | / / | | | | |
| 54ACT273 | | 5962-8973501 | 2 3 24 | / / | | | | |
| 54LS279 | /31602 | 7601801 | 2 3 2 | D 12/10/87 | B1 | 10 | | P |
| 54ALS28 | /38402 | | 1 2 19 | 12/07/83 | B1 S2 | 9 | | F |
| 54LS28 | /30204 | | 1 2 2 | C 2 08/09/83 | S1 | 9 | | F |
| 5428 | /16201 | | 4 2 1 | A 08/09/83 | B1 | 2 | | - |
| 54F280 | /34901 | | 1 4 18 | A 2 10/01/86 | | 11 | | F |
| 54LS280 | /32901 | | 1 4 2 | A 1 08/22/83 | B1 | 11 | | |
| 54HC280 | | 8607701 | 2 4 21 | / / | | | | - |
| 54F283 | /34201 | | 1 4 18 | 2 03/02/84 | B1 | 11 | | F |
| 54LS283 | /31202 | 7604301 | 2 4 2 | B 1 08/18/83 | | 11 | | P |
| 54HC283 | | 5962-8976501 | 2 4 21 | / / | | | | |
| 54AS286 | | 5962-8966301 | 2 4 18 | / / | | | | |
| 54S287 | /20302 | | 1 7 5 | C 11/27/85 | B1 S2 | 14 | | L |
| DM54S288 | /20702 | | 1 7 5 | B 1 05/16/86 | B1 S2 | 14 | | L |
| 54LS290 | /32003 | | 1 5 2 | C 1 03/06/85 | B1 | 12 | | P |
| 54LS293 | /32004 | | 1 5 2 | C 1 03/06/85 | B1 | 12 | | |
| 54LS295B | /30606 | | 1 5 2 | D 11/06/87 | B1 | 12 | | P |
| 54LS298 | /30909 | 7601901 | 2 4 2 | D 3 06/21/85 | S1 | 11 | | P |
| 54ALS29821 | | 5962-9061601 | 2 3 24 | / / | | | | |
| 54LS299 | | 7802401 | 2 5 2 | / / | | | | - |
| 54ALS299 | /37601 | 8302101 | 2 5 19 | 2 09/30/83 | | 12 | | - |
| 54HC299 | /66506 | 5962-8780601 | 2 5 21 | 08/31/88 | | 40 | | - |
| 54FCT299 | | 5962-8686201 | 2 5 25 | / / | | | | - |
| 54AC299 | | 5962-8875401 | 2 5 18 | / / | | | | |
| 54ACT299 | | 5962-8877101 | 2 5 24 | / / | | | | |
| 54F299 | | 5962-8957301 | 2 5 18 | / / | | | | |
| 54FCT299A | | 5962-8686202 | 2 5 25 | / / | | | | |
| 54ALS30 | /37004 | | 1 1 19 | 2 03/18/83 | S2 | 8 | | - |
| 54LS30 | /30009 | | 1 1 2 | D 1 07/15/87 | | 8 | | |
| 54HC30 | /65004 | 8404001 | 2 1 21 | A 05/22/87 | | 36 | | P |
| 54ALS30A | /37004 | 5962-8683701 | 2 1 19 | 2 03/18/83 | S2 | 8 | | - |
| 54F30 | | 5962-8870801 | 2 1 18 | / / | | | | - |
| 54HCT30 | | 5962-8974601 | 2 1 21 | / / | | | | |
| 54S30 | /07008 | | 3 1 5 | B 1 11/22/85 | | 8 | | L |
| 54H30 | /02301 | | 3 1 9 | A 4 07/14/72 | | 1 | | L |
| 54L30 | /02001 | | 3 1 10 | A 2 11/20/72 | S1 | 15 | | L |
| 5430 | /00101 | | 3 1 1 | E 2 06/01/82 | B1 | 1 | | L |
| 54F30244 | | 5962-8872201 | 2 2 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 54F30245 | | 5962-8972201 | 2 13 18 | / / | | | | |
| HCPL-5431 | | 5962-8957101 | 1 21 16 | / / | | | | - |
| 54F32 | /33501 | | 1 1 18 | B 1 10/24/84 | S1 | 8 | | F |
| 54LS32 | /30501 | | 1 1 2 | B 2 08/09/83 | S1 | 8 | | P |
| 54HC32 | /65201 | 8404501 | 2 1 21 | A 05/15/87 | B1 | 36 | | P |
| 54HCT32 | | 5962-8685201 | 2 1 21 | / / | | | | F |
| 54AC32 | /75201 | 5962-8761401 | 2 1 24 | 12/28/90 | | | | F |
| 54ALS32 | /37501 | 5962-8683601 | 2 1 19 | 03/18/83 | | 8 | | F |
| 54ACT32 | | 5962-8973601 | 2 1 24 | / / | | | | |
| 5432 | /16101 | | 3 1 1 | 1 09/07/76 | | 1 | | L |
| 54F322 | | 5962-8607401 | 2 5 18 | / / | | | | F |
| 54ALS323 | /37602 | 8302102 | 2 5 19 | 2 09/30/83 | B1 | 12 | | F |
| 54LS33 | | 8512601 | 2 2 2 | / / | | | | - |
| 54LS348 | /36002 | | 1 4 2 | A 2 08/26/83 | S1 S2 | 11 | | F |
| 54F350 | | 5962-8607501 | 2 5 5 | / / | | | | - |
| 54F352 | /33909 | | 1 4 18 | C 1 09/02/86 | B1 | 11 | | F |
| 54F353 | /33910 | | 1 4 18 | C 1 09/02/86 | B1 | 11 | | F |
| 54LS353 | | 8550801 | 2 4 2 | / / | | | | - |
| 54F36 | | 5962-8870901 | 2 1 18 | / / | | | | F |
| 54LS365 | /32201 | | 1 2 2 | B 4 10/20/82 | S1 | 9 | | F |
| 54F365 | /35101 | | 1 2 18 | 10/28/87 | | 9 | | |
| 54HC365 | /65706 | 8500101 | 2 2 21 | 09/30/86 | B1 S2 | 37 | | - |
| 54365 | /16301 | | 3 2 1 | A 2 08/07/84 | | 2 | | L |
| 54LS366 | /32202 | | 1 2 2 | B 4 10/20/82 | S1 | 9 | | F |
| 54HC366 | /65707 | 5962-8682801 | 2 13 21 | 09/30/86 | B1 S2 | 37 | | - |
| 54366 | /16302 | | 3 2 1 | A 2 08/07/84 | | 2 | | L |
| 54LS367 | /32203 | | 1 2 2 | B 4 10/20/82 | | 9 | | |
| 54HC367 | /65708 | 8500201 | 2 2 21 | 09/30/86 | B1 S2 | 37 | | - |
| 54367 | /16303 | | 3 2 1 | A 2 08/07/84 | | 2 | | L |
| 54LS368 | /32204 | | 1 13 2 | B 4 10/20/82 | B1 | 9 | | |
| 54HC368 | /65709 | 5962-8681201 | 2 2 21 | 09/30/86 | B1 S2 | 37 | | F |
| 54368 | /16304 | | 3 2 1 | A 2 08/07/84 | | 2 | | L |
| 54ALS37 | /38401 | | 1 2 19 | 12/07/83 | B1 S2 | 9 | | - |
| 54LS37 | /30202 | | 1 2 2 | C 2 08/09/83 | S1 | 9 | | P |
| 54F37 | /35201 | | 2 2 18 | 08/07/87 | | 9 | | - |
| 5437 | /00302 | | 3 2 1 | F 1 05/20/85 | S1 | 2 | | L |
| 54F373 | /34601 | | 1 3 18 | B 1 02/12/87 | B1 | 10 | | F |
| 54LS373 | /32502 | | 1 3 2 | C 09/24/87 | S1 | 10 | | F |
| 54ALS373 | /37203 | 8302001 | 2 3 19 | A 02/12/87 | | 10 | | - |
| 54HC373 | /65403 | 8407201 | 2 3 21 | 12/19/86 | | 38 | | P |
| 54HCT373 | /65453 | 5962-8686701 | 2 3 21 | 12/19/86 | | 38 | | - |
| 54AC373 | /75403 | 5962-8755501 | 2 3 24 | 04/13/90 | | | | - |
| 54ACT373 | | 5962-8755601 | 2 3 1 | / / | | | | - |
| 54FCT373 | | 5962-8764401 | 2 3 25 | / / | | | | - |
| 54FCT373A | | 5962-8764402 | 2 3 25 | / / | | | | - |
| 54BCT373 | | 5962-9074601M | 2 3 26 | / / | | | | |
| 54F374 | /34105 | | 1 3 18 | E 04/28/89 | S1 | 10 | | F |
| 54LS374 | /32503 | 7801101 | 2 3 2 | C 09/24/87 | S1 | 10 | | P |
| 54ALS374 | /37204 | 8302002 | 2 3 19 | A 02/12/87 | B1 | 10 | | - |
| 54HC374 | /65602 | 8407101 | 2 3 21 | 1 03/31/86 | | 38 | | P |
| 54HCT374 | /65652 | 8550701 | 2 3 21 | 1 03/31/86 | | 38 | | F |
| 54ACT374 | | 5962-8763101 | 2 3 24 | / / | | | | - |
| 54FCT374 | | 5962-8762801 | 2 3 25 | / / | | | | - |
| 54AC374 | /75602 | 5962-8769401 | 2 3 24 | 08/16/90 | | 38 | | - |
| 54FCT374A | | 5962-8762802 | 2 3 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 54LS375 | /31604 | | 1 3 2 | D 12/10/87 | | 10 | | |
| 54LS377 | /32504 | | 1 3 2 | C 09/24/87 | S1 | 10 | | P |
| 54HC377 | /65603 | 5962-8780701 | 2 3 21 | 1 03/31/86 | | 38 | | F |
| 54FCT377 | | 5962-8762701 | 2 3 25 | / / | | | | - |
| 54AC377 | /75603 | 5962-8870201 | 2 3 24 | 08/16/90 | | 38 | | |
| 54ACT377 | | 5962-8769701 | 2 3 24 | / / | | | | |
| 54FCT377A | | 5962-8762702 | 2 3 25 | / / | | | | |
| 54HCT377 | | 5962-8976901 | 2 3 21 | / / | | | | |
| 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 | | F |
| 54LS38 | /30203 | | 1 2 2 | C 2 08/09/83 | B1 | 9 | | P |
| 54F38 | /35202 | 5962-8687201 | 2 2 18 | 08/07/87 | S1 | | | - |
| 54ALS38A | /38403 | 5962-8687101 | 2 2 19 | 12/07/83 | | | | - |
| 54S38 | /00303 | | 3 2 1 | F 1 05/20/85 | B1 | 2 | | L |
| 54F381 | /33803 | 5962-8671001 | 2 4 18 | 1 02/24/87 | S1 | 11 | | - |
| 54F382 | /33804 | | 1 4 18 | 1 02/24/87 | S1 | 11 | | F |
| 54LS382 | | 5962-8688101 | 2 4 2 | / / | | | | F |
| 54LS390 | /32701 | 7802601 | 2 5 2 | A 3 12/10/82 | B1 | 12 | | P |
| 54HC390 | /66308 | 8600901 | 2 5 21 | 09/30/87 | | 40 | | - |
| 54LS393 | /32702 | | 1 5 2 | A 3 12/10/82 | B1 | 12 | | F |
| 54HC393 | /66309 | 8410001 | 2 5 21 | 09/30/87 | | 40 | | F |
| 54HCT393 | | 5962-8989001 | 2 5 21 | / / | | | | |
| 54LS395A | /30607 | | 1 5 2 | D 11/06/87 | S1 | 12 | | |
| 54LS396 | | 5962-9050301 | 2 5 2 | / / | | | | |
| 54F398 | /35001 | | 1 4 18 | 06/24/85 | | 12 | | F |
| 54F399 | /35002 | | 1 4 18 | 06/24/85 | B1 | 12 | | F |
| 54LS399 | | 8415401 | 2 5 2 | / / | | | | - |
| 54FCT399 | | 5962-8965201 | 2 5 25 | / / | | | | |
| 54FCT399A | | 5962-8965202 | 2 5 25 | / / | | | | |
| 54ALS40 | /38407 | | 1 2 19 | 12/07/83 | B1 S2 | 9 | | F |
| 54LS40 | /30201 | | 1 2 2 | C 2 08/09/83 | S1 | 9 | | P |
| 54F40 | /35203 | | 2 2 18 | 08/07/87 | | 9 | | |
| 54S40 | /07201 | | 3 2 5 | B 10/20/87 | S1 | 9 | | L |
| 54H40 | /02401 | | 3 2 9 | A 04/05/84 | | 2 | | - |
| 5440 | /00301 | | 3 2 1 | F 1 05/20/85 | B1 | 2 | | L |
| 54HC4002 | /65104 | 8404401 | 2 1 21 | A 05/15/87 | S1 | 36 | | P |
| 54HCT40102 | | 5962-9057401 | 2 5 21 | / / | | | | |
| 54HC40103 | | 5962-9055301 | 2 5 21 | / / | | | | |
| 54HC4017 | /66310 | 8601101 | 2 5 21 | 09/30/87 | | 40 | | - |
| 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 | | P |
| 54HC4040 | /66313 | 8500401 | 2 5 21 | 09/30/87 | B2 | 40 | | - |
| 54HC4046A | | 5962-8960901 | 2 24 21 | / / | | | | |
| 54HCT4046A | | 5962-8875701 | 2 24 21 | / / | | | | |
| 54HC4049 | | 5962-8681901 | 2 2 21 | / / | | | | - |
| 54HC4050 | | 5962-8682001 | 2 2 21 | / / | | | | F |
| 54HC4052 | | 5962-E855601 | 2 18 21 | / / | | | | - |
| 54HC4053 | | 5962-8775401 | 2 18 21 | / / | | | | - |
| 54HCT4059 | | 5962-8862401 | 2 5 21 | / / | | | | F |
| 54HC4059 | | 5962-8944501 | 2 5 21 | / / | | | | |
| 54HC4060 | | 5962-8768001 | 2 5 21 | / / | | | | F |
| 54HCT4060 | | 5962-8977101 | 2 5 21 | / / | | | | |
| 54HC4066 | | 5962-8950701 | 2 18 21 | / / | | | | |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 54HC4075 | | 5962-8772201 | 2 1 21 | / / | | | | - |
| 54HC4078 | | 5962-8857401 | 2 1 21 | / / | | | | - |
| 54HC42 | /65801 | 5962-8682101 | 2 4 21 | 12/19/86 | B1 S2 | 39 | | F |
| 54LS42 | /30703 | 76031C1 | 2 4 2 | 11/05/87 | S1 | 11 | | F |
| 5442 | /01001 | | 3 4 1 | C 03/03/86 | | 4 | | L |
| 54L42 | /02901 | | 4 4 10 | C 04/16/84 | | 18 | | - |
| 54L43 | /02902 | | 4 4 10 | C 04/16/84 | | 18 | | - |
| 5443 | /01002 | | 4 4 1 | C 03/03/86 | | 4 | | - |
| 54F432 | | 5962-9058501 | 2 3 18 | / / | | | | - |
| 54L44 | /02903 | | 4 4 10 | C 04/16/84 | | 18 | | - |
| 5444 | /01003 | | 4 4 1 | C 03/03/86 | | 4 | | - |
| 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 | | - |
| 54LS47 | /30704 | 7604501 | 2 4 2 | C 11/05/87 | S1 | 11 | | F |
| 5447 | /01007 | | 3 4 1 | C 03/03/86 | | 4 | | L |
| 54L47 | /02905 | | 4 4 10 | C 04/16/84 | | 18 | | - |
| 54S472 | /20805 | | 2 7 5 | C 01/31/84 | S1 | 14 | | L |
| 54S473 | /20804 | | 2 7 5 | C 01/31/84 | B1 S2 | 14 | | L |
| 54S474 | /20802 | | 1 7 5 | C 01/31/84 | | 14 | | F |
| 5448 | /01008 | | 3 4 1 | C 03/03/86 | | 4 | | L |
| 5449 | /01009 | | 4 4 1 | C 03/03/86 | B1 | 4 | | - |
| 54LS490 | /32703 | | 1 5 2 | A 3 12/10/82 | B1 | 12 | | P |
| 5450 | /00501 | | 3 1 1 | C 1 05/20/85 | | 1 | | L |
| 54H50 | /04001 | | 4 1 9 | A 04/13/84 | | 1 | | - |
| 54LS51 | /30401 | | 1 1 2 | B 2 08/09/83 | B1 S2 | 8 | | P |
| 54F51 | | 5962-8877401 | 2 1 18 | / / | | | | - |
| 54S51 | /07401 | | 3 1 5 | B 1 10/28/85 | B1 | 8 | | L |
| 5451 | /00502 | | 3 1 1 | C 1 05/20/85 | | 1 | | L |
| 54L51 | /04101 | | 4 1 10 | C 08/09/83 | | 15 | | - |
| 54H51 | /04002 | | 4 1 9 | A 04/13/84 | | 1 | | - |
| 54F518 | | 5962-8871001 | 2 4 18 | / / | | | | - |
| 54F519 | | 5962-8871101 | 2 4 18 | / / | | | | - |
| 54F520 | | 5962-8871201 | 2 4 18 | / / | | | | - |
| 54ALS520 | | 5962-8869101 | 2 4 19 | / / | | | | - |
| 54ACT520 | | 5962-8979301 | 2 4 24 | / / | | | | - |
| 54BCT520A | | 5962-9075001M | 2 13 26 | / / | | | | - |
| 54F521 | /34701 | | 1 4 18 | 2 05/01/85 | B1 | 8 | | F |
| 54FCT521 | | 5962-8854301 | 2 4 25 | / / | | | | - |
| 54FCT521A | | 5962-8854302 | 2 4 25 | / / | | | | - |
| 54ACT521 | | 5962-8979302 | 2 4 24 | / / | | | | - |
| 54FCT521B | | 5962-8854303 | 2 4 25 | / / | | | | - |
| 5453 | /00503 | | 3 1 1 | C 1 05/20/85 | | 1 | | L |
| 54H53 | /04003 | | 4 1 9 | A 04/13/84 | | 1 | | - |
| 54F533 | /34602 | | 1 3 18 | B 1 02/12/87 | B1 | 10 | | F |
| 54AC533 | /75404 | | 2 3 24 | 04/13/90 | | 37 | | - |
| 54HC533 | /65404 | 5962-3681301 | 2 3 21 | 12/19/86 | B1 | 38 | | - |
| 54FCT533 | | 5962-8865101 | 2 3 25 | / / | | | | - |
| 54FCT533A | | 5962-8865102 | 2 3 25 | / / | | | | - |
| 54F534 | /34106 | | 1 3 18 | E 04/28/89 | | 10 | | - |
| 54AC534 | /75605 | | 2 3 24 | 08/16/90 | | 38 | | - |
| 54HC534 | /65605 | 5962-8681401 | 2 3 21 | 1 03/31/86 | | 38 | | P |
| 54ALS534 | | 5962-8866801 | 2 3 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 54FCT534 | | 5962-8865501 | 2 3 25 | / / | | | | |
| 54FCT534A | | 5962-8865502 | 2 3 25 | / / | | | | |
| 54HCT534 | | 5962-8984901 | 2 3 21 | / / | | | | |
| 54ACT534 | | 5962-8965801 | 2 3 24 | / / | | | | |
| 54LS54 | /30402 | | 1 1 2 | B 2 08/09/83 | S1 | 8 | | P |
| 54S4 | /00504 | | 3 1 1 | C 1 05/20/85 | S1 | 1 | | L |
| 54LS4 | /04102 | | 4 1 10 | C 08/09/83 | | 15 | | - |
| 54HS4 | /04004 | | 4 1 9 | A 04/13/84 | | 1 | | - |
| 54HC540 | /65710 | | 1 2 21 | 09/30/86 | B2 | 37 | | - |
| 54HCT540 | /65760 | | 1 13 21 | 09/30/86 | B1 | 37 | | |
| 54F540 | /33204 | | 1 2 18 | B 10/30/87 | B1 | 9 | | L |
| 54LS540 | /32404 | 8415501 | 2 2 2 | C 10/15/87 | S1 | 9 | | F |
| 54AC540 | /75710 | 5962-8769501 | 2 13 24 | 12/28/89 | | 37 | | - |
| 54FCT540 | | 5962-8976701 | 2 2 25 | / / | | | | |
| 54FCT540A | | 5962-8976702 | 2 2 25 | / / | | | | |
| 54BCT540 | | 5962-9074801M | 2 13 26 | / / | | | | |
| 54HC541 | /65711 | | 1 2 21 | 09/30/86 | | 37 | | |
| 54HCT541 | /65761 | | 1 2 21 | 09/30/86 | | 37 | | |
| 54LS541 | /32405 | 8415601 | 2 2 2 | C 10/15/87 | | 9 | | F |
| 54AC541 | /75711 | 5962-6870601 | 2 2 24 | 12/28/89 | | 37 | | |
| 54ALS541 | | 5962-8960201 | 2 2 19 | / / | | | | |
| 54FCT541 | | 5962-8976601 | 2 2 25 | / / | | | | |
| 54FCT541A | | 5962-8976602 | 2 2 25 | / / | | | | |
| 54BCT541 | | 5962-9074901M | 2 13 26 | / / | | | | |
| 54FCT543 | | 5962-8973001 | 2 13 25 | / / | | | | |
| 54FCT543A | | 5962-8973002 | 2 13 25 | / / | | | | |
| 54F544 | | 5962-8955501 | 2 13 18 | / / | | | | |
| 54F545 | /34804 | | 1 13 18 | B 05/12/88 | | 9 | | |
| 54LS5 | /04103 | | 4 1 10 | C 08/09/83 | | 15 | | - |
| 54HS5 | /04005 | | 4 1 9 | A 04/13/84 | | 1 | | - |
| 54ALS560 | /38104 | | 2 5 19 | 2 02/21/84 | S2 | 12 | | |
| 54ALS561A | /38004 | 8302203 | 2 5 19 | A 1 08/08/86 | B1 | 12 | | |
| 54F563 | /34603 | | 1 3 18 | B 1 02/12/87 | | 10 | | F |
| 54AC563 | /75405 | | 2 3 24 | 04/13/90 | | 37 | | |
| 54HC563 | /65405 | 5962-8606201 | 2 3 21 | 12/19/86 | B1 S2 | 38 | | F |
| 54ALS563A | | 5962-8870001 | 2 3 19 | / / | | | | |
| 54ACT563 | | 5962-8955601 | 2 3 24 | / / | | | | |
| 54F564 | /34111 | | 2 3 18 | E 04/28/89 | | 10 | | F |
| 54AC564 | /75606 | | 2 3 24 | 08/16/90 | | 38 | | |
| 54HC564 | /65606 | 5962-8681501 | 2 3 21 | 1 03/31/86 | | 38 | | F |
| 54ACT564 | | 5962-8955701 | 2 3 24 | / / | | | | |
| 54ALS564A | | 5962-8872801 | 3 3 19 | / / | | | | |
| 54ALS568 | /38105 | | 2 5 19 | 2 02/21/84 | S2 | 12 | | |
| 54S570 | /20401 | | 1 7 5 | D 02/06/86 | B1 S2 | 14 | | - |
| 54S571 | /20402 | | 1 7 5 | D 02/06/86 | B1 S2 | 14 | | F |
| 54S572 | /20601 | | 2 7 5 | B 01/31/84 | | 14 | | L |
| 54S572 | /20601 | | 3 7 5 | B 01/31/84 | | 14 | | L |
| 54F573 | /34604 | | 1 3 18 | B 1 02/12/87 | B1 | 10 | | F |
| 54S573 | /20602 | | 1 7 5 | B 01/31/84 | | 14 | | L |
| 54AC573 | /75406 | | 2 3 24 | 04/13/90 | | 37 | | |
| 54ALS573 | /38201 | 8401201 | 2 3 19 | A 06/22/87 | | 10 | | - |
| 54HC573 | /65406 | 85128C1 | 2 3 21 | 12/19/86 | | 38 | | - |
| 54HCT573 | | 5962-8685601 | 2 3 21 | / / | | | | F |
| 54FCT573 | | 5962-8863901 | 2 3 25 | / / | | | | |
| 54ACT573 | | 5962-8766401 | 2 3 24 | / / | | | | |

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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/ | Radi- ation level 6/ | NATO |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|-------------------------------|------|
| 54HC574 | /65604 | | 1 3 21 | 1 03/31/86 | B1 | 38 | | |
| 54ALS574 | /37104 | | 1 3 19 | A 1 08/08/86 | | 10 | | - |
| 54AC574 | /75604 | | 2 3 24 | 08/16/90 | | 38 | | |
| 54ALS574A | /37104 | 8400101 | 2 3 19 | A 1 08/08/86 | | 10 | | - |
| 54FCT574 | | 5962-8951301 | 2 3 25 | / / | | | | |
| 54FCT574A | | 5962-8951302 | 2 3 25 | / / | | | | |
| 54ACT574 | | 5962-8960101 | 2 3 24 | / / | | | | |
| 54F574 | /34110 | 5962-8972401 | 2 3 18 | E 04/28/89 | | | | |
| 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 | | - |
| 54LS590 | | 5962-8751701 | 2 5 2 | / / | | | | - |
| 54HC590 | | 5962-8960301 | 2 5 21 | / / | | | | - |
| 54LS592 | | 5962-8762101 | 2 5 2 | / / | | | | - |
| 54LS595 | | 5962-8671701 | 2 5 2 | / / | | | | - |
| 54HC595 | /66507 | 5962-8681601 | 2 5 21 | 08/31/88 | | 40 | | - |
| 54HC597 | | 5962-8681701 | 2 5 21 | / / | | 40 | | F |
| 54HCT597 | | 5962-8974101 | 2 5 21 | / / | | | | - |
| 54BCT620A | | 5962-9075001M | 2 13 26 | / / | | | | |
| 54HC623 | | 5962-8998901 | 2 13 21 | / / | | | | |
| 54BCT623 | | 5962-9094001M | 2 13 26 | / / | | | | |
| 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 | | 8 | | L |
| 54LS640 | | 8416101 | 2 13 2 | / / | | | | - |
| 54HC640 | /65506 | 5962-8780901 | 2 13 21 | 1 09/30/86 | | 37 | | - |
| 54ALS640A | /38501 | 5962-8872701 | 2 13 19 | A 01/04/88 | | 9 | | - |
| 54FCT640 | | 5962-8865401 | 2 13 25 | / / | | | | |
| 54FCT640A | | 5962-8865402 | 2 13 25 | / / | | | | |
| 54HCT640 | | 5962-8974001 | 2 13 21 | / / | | | | |
| 54BCT640 | | 5962-9075201M | 2 13 26 | / / | | | | |
| 54FCT640 | | 5962-9075201M | 2 13 26 | / / | | | | |
| 54AS640 | | 5962-8955301 | 3 13 18 | / / | | | | |
| 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 | / / | | | | |
| 54HC643 | /65507 | | 2 13 21 | 1 09/30/86 | | 37 | | |
| 54ALS643 | /38504 | | 2 13 19 | A 01/04/88 | | 9 | | |
| 54ALS645A | /38505 | 8403301 | 2 13 19 | A 01/04/88 | | 9 | | - |
| 54FCT645 | | 5962-8865301 | 2 13 25 | / / | | | | |
| 54FCT645A | | 5962-8865302 | 2 13 25 | / / | | | | - |
| 54LS646 | /32804 | | 2 13 2 | B 4 03/23/84 | S1 | 9 | | P |
| 54HC646 | /65508 | 5962-8688501 | 2 13 21 | 1 09/30/86 | | 37 | | - |
| 54FCT646 | | 5962-8877501 | 2 13 25 | / / | | | | - |
| 54AC646 | | 5962-8968201 | 2 13 24 | / / | | | | |
| 54ALS646 | | 5962-8995601 | 2 13 19 | / / | | | | |
| 54F646 | | 5962-8975401 | 2 13 18 | / / | | | | |
| 54AS646 | | 5962-8759501 | 3 13 18 | / / | | | | - |
| 54HC648 | /65509 | | 2 13 21 | 1 09/30/86 | B1 S2 | 37 | | |
| 54LS648 | /32805 | | 2 13 2 | B 4 03/23/84 | S1 | 9 | | P |
| 54F648 | | 5962-8975402 | 2 13 18 | / / | | | | |
| 54ALS648 | | 5962-9052301 | 2 13 19 | / / | | | | |
| 54S65 | /07403 | | 4 1 5 | B 1 10/28/85 | S1 | 8 | | L |
| 54AS651 | | 5962-8875301 | 3 13 18 | / / | | | | |
| 54ALS652 | | 5962-8867301 | 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/ | Radi- ation level 6/ | NATO |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|-------------------------------|------|
| 54F652 | | 5962-8955801 | 2 13 18 | / / | | | | |
| 54AS652 | | 5962-8868701 | 3 13 1 | / / | | | | - |
| 54ALS653 | | 5962-8968701 | 2 13 19 | / / | | | | |
| 54F657 | | 5962-8953501 | 2 13 18 | / / | | | | |
| 54LS668 | | 5962-8687601 | 2 5 2 | / / | | | | |
| 54LS670 | /31901 | 7704201 | 2 5 2 | B 2 03/04/85 | | | | - |
| 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 | / / | | | | F |
| 54LS688 | | 8415301 | 2 10 2 | / / | | | | F |
| 54HCT688 | | 5962-8685701 | 2 4 21 | / / | | | | - |
| 54HC688 | | 5962-8681801 | 2 4 21 | / / | | | | - |
| 54ALS688 | | 5962-8857801 | 2 4 19 | / / | | | | - |
| 5470 | /00206 | | 3 3 1 | E 7 12/24/74 | | 3 | | L |
| 54L71 | /02101 | | 3 3 10 | D 01/04/88 | | 17 | | L |
| 54L72 | /02102 | | 3 3 10 | D 01/04/88 | S1 | 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 |
| 54HCT266 | /65105 | 8404302 | 2 1 21 | A 05/15/87 | B1 S2 | 36 | | - |
| 54LS73 | /30101 | | 1 3 2 | D 04/08/88 | S1 | 10 | | F |
| 54HC73 | /65301 | 5962-8515301 | 2 3 21 | A 01/15/88 | B1 | 38 | | F |
| 54L73 | /02103 | | 3 3 10 | D 01/04/88 | | 17 | | L |
| 5473 | /00202 | | 3 3 1 | E 7 12/24/74 | | 3 | | L |
| 54H73 | /02202 | | 4 3 9 | C 02/27/89 | | 3 | | L |
| 54ALS74 | /37101 | | 1 3 19 | A 1 08/08/86 | B1 | 10 | | F |
| 54LS74A | /30102 | | 1 3 2 | D 04/08/88 | B1 | 10 | | F |
| 54ALS74A | /37101 | 8401101 | 2 3 19 | A 1 08/08/86 | B1 | 10 | | F |
| 54HC74 | /65302 | 8405601 | 2 3 21 | A 01/15/88 | B1 | 38 | | F |
| 54HCT74 | /65352 | 5962-8685301 | 2 3 21 | A 01/15/88 | B2 | | | - |
| 54ACT74 | | 5962-8752501 | 2 3 24 | / / | | | | - |
| 54ACT74 | /75302 | 5962-8852001 | 2 3 24 | 05/14/90 | | 38 | | - |
| 54S74 | /07101 | | 3 3 5 | C 4 07/23/84 | | 10 | | L |
| 54L74 | /02105 | | 3 3 10 | D 01/04/88 | S1 | 17 | | L |
| 5474 | /00205 | | 3 3 1 | E 7 12/24/74 | | 3 | | L |
| 54H74 | /02203 | | 4 3 9 | C 02/27/89 | | 3 | | L |
| 54S74 | /07101 | | 4 3 5 | C 4 07/23/84 | | 10 | | L |
| 54LS75 | /31601 | 7601201 | 2 3 2 | D 12/10/87 | B1 | 10 | | P |
| 54HC75 | /65401 | 8407001 | 2 3 21 | 12/19/86 | B1 S2 | 38 | | P |
| 5475 | /01501 | | 3 3 1 | A 1 07/27/79 | | 5 | | L |
| 54AS756 | | 5962-9056301 | 2 2 18 | / / | | | | |
| 54LS76 | /30110 | | 1 3 2 | D 04/08/88 | B1 | 10 | | F |
| 54LS76A | /30110 | 7601301 | 2 3 2 | D 04/08/88 | B1 | 10 | | F |
| 54HC76 | | 5962-8773201 | 2 3 21 | / / | | | | - |
| 5476 | /00204 | | 3 3 1 | E 7 12/24/74 | | 3 | | L |
| 54H76 | /02204 | | 4 3 9 | C 02/27/89 | | 3 | | L |
| 54AS760 | | 5962-8776701 | 3 2 18 | / / | | | | |
| 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 | S1 | 17 | | L |
| 5479 | /00207 | | 3 3 1 | E 7 12/24/74 | B1 | 3 | | L |
| 5480 | /00604 | | 3 4 1 | C 2 06/24/76 | | 4 | | L |
| 54ALS804 | | 5962-8869301 | 2 13 19 | / / | | | | - |
| 54AS804 | | 5962-8776601 | 3 2 1 | / / | | | | - |

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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 | | | | |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|-------------------------------|--------------|--------------------------|----|---|---|
| 54ALS805A | /00601 | 5962-8869401 | 2 13 19 | / / | C 2 06/24/76 | 4 | | - | | | | |
| 54AS805 | | 5962-8779401 | 3 2 18 | / / | | | | - | | | | |
| 54ALS808 | | 5962-8869501 | 2 13 19 | / / | | | | - | | | | |
| 54AS808 | | 5962-8852201 | 3 2 18 | / / | | | | - | | | | |
| 5482 | | | 3 4 1 | | | | | L | | | | |
| 54FCT821A | | 5962-8860801 | 2 5 25 | / / | | | | | | | | |
| 54FCT821B | | 5962-8860802 | 2 5 25 | / / | | | | | | | | |
| 54ACT821 | | 5962-8870501 | 2 3 24 | / / | | | | | | | | |
| 54FCT823A | | 5962-8865601 | 2 5 25 | / / | | | | | | | | |
| 54FCT823B | | 5962-8865602 | 2 5 25 | / / | | | | | | | | |
| 54AS823 | | 5962-8952501 | 3 3 18 | / / | | | | | | | | |
| 54FCT824A | | 5962-8966501 | 2 5 25 | / / | | | | | | | | |
| 54FCT824B | | 5962-8966502 | 2 5 24 | / / | | | | | | | | |
| 54FCT825A | | 5962-8867401 | 2 5 25 | / / | | | | | | | | |
| 54FCT825B | | 5962-8867402 | 2 5 25 | / / | | | | | | | | |
| 54FCT827A | | 5962-8950601 | 2 13 25 | / / | | | | | | | | |
| 54FCT827B | | 5962-8950602 | 2 13 25 | / / | | | | | | | | |
| 54LS83 | /31201 | | 1 4 2 | B 1 08/18/83 | S1 | 11 | | F | | | | |
| 54LS83A | /31201 | 7601401 | 2 4 2 | B 1 08/18/83 | S1 | 11 | | F | | | | |
| 5483 | /00602 | | 3 4 1 | C 2 06/24/76 | | 4 | | L | | | | |
| 54ALS832 | | 8414501 | 2 13 19 | / / | B 3 02/28/84 | B1 | 11 | P | | | | |
| 54AS832B | | 5962-8852301 | 3 2 18 | / / | | | | - | | | | |
| 54FCT833A | | 5962-8973101 | 2 13 25 | / / | | | | - | | | | |
| 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 | / / | | | | - | | | | |
| 54LS85 | | /31101 | | 1 4 2 | | | | B 3 02/28/84 | B1 | 11 | | P |
| 54HC85 | | | 8601301 | 2 4 21 | | | | / / | C 11/07/85 B 11/30/87 | B1 | 4 | - |
| 54HCT85 | | | 5962-8867201 | 2 4 21 | | | | / / | | | | - |
| 5485 | | /15001 | | 3 4 1 | | | | C 11/07/85 | | | | - |
| 54S85 | /08201 | | 3 4 5 | B 11/30/87 | - | | | | | | | |
| 54C85 | | 7703701 | 3 4 8 | / / | - | | | | | | | |
| 54F85 | | 5962-8606901 | 3 4 18 | / / | - | | | | | | | |
| 54ALS857 | /37901 | | 1 4 19 | A 05/01/85 | - | | | | | | | |
| 54ALS857A | /37901 | 5962-8753301 | 2 4 19 | A 05/01/85 | - | | | | | | | |
| 54F86 | /34501 | | 1 1 18 | B 12/16/87 | B1 | 8 | | F | | | | |
| 54LS86 | /30502 | | 1 1 2 | B 2 08/09/83 | S1 | 8 | | P | | | | |
| 54HC86 | /65202 | 8404601 | 2 1 21 | A 05/15/87 | S1 | 36 | | P | | | | |
| 54ALS86 | /75202 | 5962-8862101 | 2 1 19 | / / | B2 | | | - | | | | |
| 54AC86 | | 5962-8955001 | 2 1 24 | 12/28/90 | | | | | | | | |
| 54HCT86 | | 5962-8984401 | 2 1 21 | / / | | | | | | | | |
| 54S86 | | /07501 | | 3 1 5 | | | | B 1 11/27/85 | 8 | | L | |
| 54L86 | /02601 | | 3 1 10 | 4 08/15/72 | | 15 | | L | | | | |
| 5486 | /00701 | | 3 1 1 | B 2 06/21/75 | | 1 | | L | | | | |
| 54AC86 | /75202 | | 4 1 24 | 12/28/90 | B2 | | | | | | | |
| 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 | | - |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|-------------------------------|------|
| 54ALS874B | /37106 | 8401001 | 2 3 19 | A 1 08/08/86 | | 10 | | F |
| 54ALS876 | /37107 | 8401002 | 3 3 19 | A 1 08/08/86 | B1 | 10 | | - |
| 54ALS880 | /38204 | 8403202 | 3 3 19 | A 06/22/87 | | 10 | | - |
| 54AS885 | | 5962-8975701 | 3 4 18 | / / | | | | |
| 54LS90 | /31501 | 7603201 | 2 5 2 | C 2 01/17/84 | S1 | 12 | | P |
| 54L90 | /02501 | | 3 5 10 | D 08/08/86 | S1 | 19 | | L |
| 5490 | /01307 | | 3 5 1 | F 5 04/16/82 | | 5 | | L |
| 54C906 | | 7705601 | 3 2 3 | / / | | | | - |
| 54LS92 | /31510 | | 1 5 2 | C 2 01/17/84 | B1 | 12 | | P |
| 5492 | /01301 | | 3 5 1 | F 5 04/16/82 | B1 | 5 | | L |
| 54C922 | | 5962-8752101 | 3 4 3 | / / | | | | - |
| 54LS93 | /31502 | 7700101 | 2 5 2 | C 2 01/17/84 | B1 | 12 | | F |
| 54L93 | /02502 | | 3 5 10 | D 08/08/86 | | 19 | | L |
| 5493 | /01302 | | 3 5 1 | F 5 04/16/82 | B1 | 5 | | L |
| 54LS95B | /30603 | | 1 5 2 | D 11/06/87 | | 12 | | F |
| 54L95 | /02801 | | 3 5 10 | 2 08/02/74 | | 19 | | L |
| 5495 | /00901 | | 3 5 1 | D 5 06/04/80 | | 5 | | L |
| 54LS96 | /30604 | | 1 5 2 | D 11/06/87 | B1 | 12 | | P |
| 5496 | /00902 | | 3 5 1 | D 5 06/04/80 | | 5 | | L |
| 54ALS996 | | 5962-8994501 | 2 3 19 | / / | | | | - |
| 54F198 | | 5962-9050201 | 2 5 18 | / / | | | | |
| HCPL-5501 | | 5962-9085401H | 2 23 16 | / / | | | | |
| 55107 | /10401 | | 1 13 12 | B 1 05/29/87 | | 53 | | F |
| 55108 | /10402 | | 1 13 12 | B 1 05/29/87 | B1 | 53 | | F |
| 55110A | | 5962-8754701 | 2 13 12 | / / | | | | - |
| 55113 | /10405 | | 1 13 12 | B 1 05/29/87 | B1 | 53 | | L |
| 55114 | /10403 | | 1 13 12 | B 1 05/29/87 | B1 | 53 | | F |
| 55115 | /10404 | | 1 13 12 | B 1 05/29/87 | | 53 | | 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 | / / | | | | - |
| 55189A | | 5962-8688802 | 2 13 12 | / / | | | | - |
| 55189 | | 5962-8688801 | 3 13 12 | / / | | | | - |
| 55ALS194 | | 5962-8864801 | 2 13 19 | / / | | | | - |
| 55ALS195 | | 5962-8864901 | 2 13 19 | / / | | | | |
| 5532A | /13102 | | 1 9 12 | 1 07/15/82 | B1 | 49 | | F |
| 55325 | /13001 | | 1 15 12 | B 2 01/02/86 | B1 | 55 | | |
| 55326 | /13002 | | 1 15 12 | B 2 01/02/86 | | 55 | | - |
| 55327 | /13003 | | 2 15 12 | B 2 01/02/86 | B1 | 55 | | F |
| 5534A | /13101 | | 1 9 12 | 1 07/15/82 | B1 | 49 | | F |
| 5537 | /12502 | | 2 20 12 | 1 11/03/81 | B1 | 60 | | - |
| 5539 | | 5962-8606401 | 2 9 12 | / / | | | | - |
| 55450 | /12901 | | 3 13 12 | A 2 12/06/85 | B1 | 53 | | - |
| 55451 | /12902 | | 1 13 12 | A 2 12/06/85 | B1 | 53 | | F |
| 55452 | /12903 | 7704901 | 2 13 12 | A 2 12/06/85 | | 53 | | - |
| 55453 | /12904 | | 1 13 12 | A 2 12/06/85 | B1 | 53 | | F |
| 55454 | /12905 | | 1 13 1 | A 2 12/06/85 | B1 | | | F |
| 55454 | | 5962-8871501 | 2 13 12 | / / | | 53 | | |
| 55460 | /12906 | | 3 13 12 | A 2 12/06/85 | | 53 | | - |
| 55461 | /12907 | | 1 13 12 | A 2 12/06/85 | B1 | 53 | | 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 55462 | /12908 | | 1 13 12 | A 2 12/06/85 | B2 | 53 | | F |
| 55463 | /12909 | | 1 13 12 | A 2 12/06/85 | | 53 | | F |
| 55464 | /12910 | | 2 13 12 | A 2 12/06/85 | | 53 | | L |
| 55464 | | 5962-8871502 | 2 13 12 | / / | | 53 | | |
| 55474 | | 5962-8871503 | 2 13 12 | / / | | 53 | | |
| 555 | /10901 | | 1 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 | | | | |
| 555 | /10903 | | 3 14 12 | A 3 09/18/80 | | 54 | | L |
| 55500 | | 8601801 | 2 13 23 | / / | | | | - |
| 55501 | | 8601802 | 2 13 23 | / / | | | | - |
| 556 | /10902 | | 1 14 12 | A 3 09/18/80 | | 54 | | L |
| TLC556 | /14902 | 5962-8950302 | 2 14 3 | 05/07/89 | | | | |
| 5560 | | 5962-8672201 | 2 12 1 | / / | | | | - |
| 5564-250 | /22810 | | 2 7 7 | 09/22/87 | | 47 | | |
| 5564-250 | /22811 | | 2 7 7 | 09/22/87 | | 47 | | |
| 5564-250 | /26005 | | 2 7 3 | 01/06/89 | B1 B2 | 42 | | - |
| AD558T | /14401 | 5962-8778902 | 2 16 12 | 07/22/87 | | | | - |
| AD558T | | 5962-8778901 | 3 16 12 | / / | | | | - |
| 56001-20 | | 5962-8951201 | 2 8 3 | / / | | | | - |
| IM5603A | /20201 | | 4 7 1 | B 05/25/84 | | 7 | | - |
| 561 | /13301 | | 1 16 12 | A 1 08/18/86 | | 56 | | - |
| 562 | /12101 | 8100801 | 2 16 12 | A 3 06/04/84 | | 56 | | - |
| IM5623 | /20202 | | 4 7 1 | B 05/25/84 | | 7 | | - |
| 563 | /12102 | 8100802 | 2 16 12 | A 3 06/04/84 | | 56 | | - |
| 565 | /12103 | | 1 16 12 | A 3 06/04/84 | | 56 | | - |
| 566 | /12104 | | 2 16 12 | A 3 06/04/84 | | 56 | | - |
| 567 | | 5962-8700301 | 2 24 16 | / / | | | | - |
| AD567S | | 5962-8780101 | 2 16 12 | / / | | | | F |
| AD570 | | 5962-8680201 | 2 17 12 | / / | | | | - |
| HCPL-5701 | | 5962-8981001 | 1 25 16 | / / | | | | - |
| AD571 | /13401 | 5962-8680202 | 2 17 12 | 1 05/06/85 | | | | P |
| AD573S | | 5962-8850501 | 2 17 12 | / / | | | | - |
| HCPL-5731 | | 5962-8978501 | 1 25 16 | / / | | | | - |
| 574AU | /14001 | | 1 17 12 | 10/31/86 | B1 | 57 | | F |
| 574AT | /14002 | | 1 17 12 | 10/31/86 | B1 | 57 | | - |
| 574AU | /14003 | 5962-8512701 | 2 17 12 | 10/31/86 | B1 | 57 | | F |
| 574AT | /14004 | 5962-8512702 | 2 17 12 | 10/31/86 | B1 | 57 | | - |
| 574AU | | 5962-8512703 | 3 17 12 | / / | | 57 | | - |
| 574AT | | 5962-8512704 | 3 17 20 | / / | | 57 | | - |
| 57401 | | 5962-8779101 | 2 8 12 | / / | | | | - |
| 57401A | | 5962-8779103 | 2 8 12 | / / | | | | - |
| C57401 | | 5962-8779105 | 2 8 12 | / / | | | | - |
| C57401A | | 5962-8779107 | 2 8 12 | / / | | | | - |
| 57L401D | | 5962-8779109 | 2 8 12 | / / | | | | F |
| 57L4013D | | 5962-8779111 | 2 8 12 | / / | | | | - |
| 57402 | | 5962-8779102 | 2 8 12 | / / | | | | - |
| 57402A | | 5962-8779104 | 2 8 12 | / / | | | | - |
| C57402 | | 5962-8779106 | 2 8 12 | / / | | | | - |
| C57402A | | 5962-8779108 | 2 8 12 | / / | | | | - |
| 57L402D | | 5962-8779110 | 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 | / / | | | | - |

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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 | GPL status 3/ 4/ | Micro- circuit group 5/ | Rad- ation level 6/ | NATO |
|--------------------------------|--|---|---|---|--|----------------------------------|---------------------------------|------|
| AD578ZSD | /12801 /12802 | 5962-8865803 | 1 17 16 | / / | 3 05/12/82 3 05/12/82 | 50 50 | - | L |
| AD578ZTD | | 5962-8865804 | 1 17 16 | / / | | | | |
| 580S | | 5962-8686101 | 2 19 12 | / / | | | | |
| UCS-5800 | | 5962-8764002 | 2 13 15 | / / | | | | |
| UCS-5801 | | 5962-8764001 | 2 13 23 | / / | | | | |
| UCS5822 | | 5962-8764101 | 2 13 12 | / / | | | | |
| 584S | | | 1 19 12 | | | | | |
| 584T | | | 1 19 12 | | | | | |
| 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 | / / | | | | |
| AD590M | | 5962-8757104 | 2 24 12 | / / | | | | |
| WS5910A | | 5962-8770801 | 2 8 3 | / / | | | | |
| 592 | /19007 /29104 /19001 /29105 /29101 | 8418502 | 2 9 12 | / / | C 10/22/86 07/25/85 C 10/22/86 07/25/85 07/25/85 | 82 46 82 46 46 | F F P P F F F | - |
| 604A | | 5962-8956401 | 2 24 12 | / / | | | | |
| 6108 | | | 1 18 3 | | | | | |
| 6116 | | | 1 6 3 | | | | | |
| 6116 | | | 1 18 3 | | | | | |
| 6116 | | | 2 6 3 | | | | | |
| 6116 | | | 2 6 3 | | | | | |
| 6N134 | | 8102801 | 1 22 16 | / / | | | | |
| 6N140A | | 8302401 | 1 22 16 | / / | | | | |
| 6N140A | | 8302401 | 2 22 16 | / / | | | | |
| LM6161 | /19008 /19003 | 5962-8962101 | 2 9 12 | / / | C 10/22/86 C 10/22/86 | 82 82 | - | - |
| LM6164 | | 5962-8962401 | 2 9 12 | / / | | | | |
| LM6165 | | 5962-8962501 | 2 9 12 | / / | | | | |
| 6208 | | | 1 18 3 | | | | | |
| 6216 | | | 1 18 3 | | | | | |
| AD625 | | 5962-8771901 | 2 9 12 | / / | | | | |
| AD630 | | 5962-8980701 | 2 24 12 | / / | | | | |
| BUS-63105II | | 5962-8604902 | 1 13 16 | / / | | | | |
| UT63M105 | | 5962-8864401 | 2 13 12 | / / | | | | |
| BUS-63105 | | 5962-8604901 | 3 13 16 | / / | | | | |
| BUS-63106II | | 5962-8604902 | 1 13 16 | / / | B1 | 82 82 | - | - |
| UT63M107 | | 5962-8864402 | 2 13 12 | / / | | | | |
| UT63M115 | | 5962-8864403 | 2 13 12 | / / | | | | |
| UT63M117 | | 5962-8864404 | 2 13 12 | / / | | | | |
| BUS-63125II | | 5962-8757902 | 1 13 16 | / / | | | | |
| BUS-63125II | | 5962-8757902 | 1 13 16 | / / | | | | |
| UT63M125 | | 5962-8864405 | 2 13 12 | / / | | | | |
| BUS-63125 | | 5962-8757901 | 3 13 16 | / / | | | | |
| UT63M127 | | 5962-8864406 | 2 13 12 | / / | | | | |
| UT63M135 | | 5962-8864407 | 2 13 12 | / / | | | | |
| UT63M137 | | 5962-8864408 | 2 13 12 | / / | | | | |
| BUS-63147 | | 5962-8952201 | 1 13 16 | / / | | | | |
| AD637 | | 5962-8963701 | 2 24 12 | / / | | | | |
| OP64A | | 5962-9053501 | 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 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 | | | | - |
| 6504RH | /R2450 | R24503 | 1 6 3 | / / | B1 | 41 | | |
| 6504RH | /24503 | | 2 6 3 | A 01/28/87 | | 41 | | |
| 6508 | /23901 | | 4 6 3 | B 09/04/84 | B1 | 41 | | - |
| BUS-65111 | | 5962-8763201 | 1 13 16 | / / | | | | - |
| BUS-65112 | | 5962-8753501 | 1 22 16 | / / | | | | - |
| BUS-65112 | | 5962-8753501 | 1 22 16 | / / | | | | - |
| 6514 | /24502 | | 1 6 3 | A 01/28/87 | B1 | | | - |
| 6514RH | /24504 | | 2 6 3 | A 01/28/87 | | 41 | | - |
| 6516 | /29102 | | 1 6 3 | 07/25/85 | | 46 | | F |
| 6516-1 | /61001 | | 2 6 3 | A 1 05/13/88 | | 41 | | - |
| 65162 | /29110 | | 1 6 3 | 07/25/85 | | | | P |
| 6516-2 | /61002 | | 2 6 3 | A 1 05/13/88 | | 41 | | - |
| 65162 | /29101 | | 2 6 3 | 07/25/85 | | 46 | | P |
| 6516-3 | /61003 | | 2 6 3 | A 1 05/13/88 | | 41 | | - |
| 6518 | /23902 | | 4 6 3 | B 09/04/84 | B1 | 41 | | - |
| 65262 | /29103 | | 1 6 3 | 07/25/85 | B2 | 46 | | - |
| 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 | | |
| BUS-65600 | | 5962-8858501 | 1 13 16 | / / | | | | |
| BUS-65600 | | 5962-8858501 | 1 13 16 | / / | | | | |
| 65642 | /29205 | | 1 6 3 | 09/30/87 | | 41 | | F |
| 65643 | /29206 | | 2 6 3 | 09/30/87 | B1 | 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-6630011 | | 5962-8858601 | 1 8 16 | / / | | | | |
| BUS-6630011 | | 5962-8858601 | 1 8 16 | / / | | | | |
| 6654 | /21901 | | 4 7 3 | A 10/15/83 | B1 | 42 | | - |
| 6665 | /24401 | | 1 6 7 | B 2 07/30/84 | | 46 | | L |
| 6665 | /24402 | | 1 6 7 | B 2 07/30/84 | | 46 | | L |
| 6665 | /24403 | | 1 6 7 | B 2 07/30/84 | | 46 | | L |
| AD667S | | 5962-8865901 | 2 16 26 | / / | | | | |
| 6685 | | 8600803 | 2 10 12 | / / | | | | - |
| AM6687 | | 7801902 | 2 10 12 | / / | | | | |
| 670S | | 5962-8763501 | 2 17 26 | / / | | | | F |
| AD673S | | 5962-8850502 | 2 17 12 | / / | | | | - |
| HCPL-6731 | | 5962-8978502 | 1 25 16 | / / | | | | - |
| 674AU | /14005 | | 2 17 12 | 10/31/86 | B1 | 57 | | F |
| 674AT | /14006 | | 2 17 12 | 10/31/86 | | 57 | | F |
| R675B-3 | /13602 | | 2 19 12 | 12/06/85 | S1 | 01 | | F |
| R675B-4 | /13601 | | 2 19 12 | 12/06/85 | | 01 | | - |
| 6800 | /40001 | | 4 8 7 | A 09/30/83 | | 107 | | - |
| 68000-10 | /54003 | 8202103 | 2 8 7 | B 04/20/89 | | 107 | | - |
| 68000-12 | | 8202104 | 2 8 7 | / / | | 107 | | - |
| 68000-6 | /54001 | | 2 8 7 | B 04/20/89 | | 107 | | - |
| MKB68000-6 | /54001 | 8202101 | 3 8 7 | B 04/20/89 | | 107 | | - |
| 68000-8 | /54002 | | 1 8 7 | B 04/20/89 | B1 | 107 | | - |
| MKB68000-8 | /54002 | 8202102 | 2 8 7 | B 04/20/89 | B1 | 107 | | - |
| 68020-12 | | 5962-8603201 | 3 8 21 | / / | | | | - |
| 68020-16 | | 5962-8603202 | 2 8 21 | / / | | | | - |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 68020-20 | /40201 | 5962-8603203 | 2 8 21 | / / | A 08/09/83 | 40 | | - |
| 6810 | | | 4 6 7 | / / | | | | - |
| 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 | A 08/16/83 | 107 | | - |
| 68318 | /40301 | | 4 7 7 | A 08/16/83 | | | | - |
| 68A316E | /40301 | | 4 7 7 | A 08/16/83 | | | | - |
| 685 | | 8600801 | 2 10 12 | / / | | | | - |
| 685 | | 8600802 | 2 10 12 | / / | | | | - |
| 68562 | | 5962-8681001 | 2 8 7 | / / | A 08/16/83 | 47 | | - |
| 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 | / / | A 08/16/83 | 47 | | - |
| 68881-12 | | 5962-8602101 | 3 8 21 | / / | | | | - |
| 68881-16 | | 5962-8602102 | 2 8 21 | / / | | | | F |
| 68881-20 | | 5962-8602103 | 2 8 21 | / / | | | | - |
| 68901-4 | | 5962-8850601 | 2 8 7 | / / | | | | - |
| 68901-5 | | 5962-8850602 | 2 8 7 | / / | A 08/16/83 | 47 | | - |
| DAC703 | | 5962-8856301 | 2 16 26 | / / | | | | - |
| LM709 | | 7800701 | 3 9 12 | / / | | | | - |
| 710 | /10301 | | 3 10 26 | D 06/24/88 | | | | L |
| 711 | /10302 | | 3 10 12 | D 06/24/88 | S1 | 50 | | L |
| 7132SA-45 | | 5962-8700201 | 2 6 3 | / / | S1 | 50 | | - |
| 7132LA-45 | | 5962-8700205 | 2 6 3 | / / | | | | - |
| 7132SA-55 | | 5962-8700204 | 2 6 3 | / / | | | | - |
| 7132LA-55 | | 5962-8700208 | 2 6 3 | / / | | | | - |
| 7132SA-70 | | 5962-8700203 | 2 6 3 | / / | | | | - |
| 7132LA-70 | | 5962-8700207 | 2 6 3 | / / | S1 | 49 | | - |
| 7132SA-90 | | 5962-8700202 | 2 6 3 | / / | | | | - |
| 7132LA-90 | | 5962-8700206 | 2 6 3 | / / | | | | - |
| 714 | /13502 | | 1 9 12 | B 12/18/87 | | | | - |
| 7142SA-45 | | 5962-8700209 | 2 6 3 | / / | S1 | 49 | | - |
| 7142LA-45 | | 5962-8700213 | 2 6 3 | / / | | | | - |
| 7142SA-55 | | 5962-8700212 | 2 6 3 | / / | | | | - |
| 7142LA-55 | | 5962-8700216 | 2 6 3 | / / | | | | - |
| 7142SA-70 | | 5962-8700211 | 2 6 3 | / / | | | | - |
| 7142LA-70 | | 5962-8700215 | 2 6 3 | / / | S1 | 41 | | - |
| 7142SA-90 | | 5962-8700210 | 2 6 3 | / / | | | | - |
| 7142LA-90 | | 5962-8700214 | 2 6 3 | / / | | | | - |
| 7C147 | /28901 | | 1 6 3 | 1 12/04/86 | B2 | 41 | | - |
| 7C148 | /28902 | | 1 6 3 | 1 12/04/86 | | | | - |
| 1CM7170 | | 5962-8765301 | 2 8 3 | / / | | | | - |
| 7181 | /01101 | | 3 4 1 | C 05/19/78 | | | | L |
| 7187S45 | /29202 | | 2 6 3 | 09/30/87 | | | | - |
| 7187S55 | /29201 | | 2 6 3 | 09/30/87 | B1 | 41 | | - |
| 7187L55 | /29203 | | 2 6 3 | 09/30/87 | | | | - |
| 7187L70 | /29204 | | 2 6 3 | 09/30/87 | | | | - |
| 7C190 | | 5962-8969401 | 2 6 3 | / / | | | | - |
| 7C194 | /29303 | | 2 6 3 | 09/20/89 | B1 | 41 | | - |
| 7C194 | /29304 | | 2 6 3 | 09/20/89 | | | | - |
| 7C194 | /29311 | | 2 6 3 | 09/20/89 | | | | - |
| 7C196 | /29305 | | 2 6 3 | 09/20/89 | | | | - |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 7C196 | /29306 | | 2 6 3 | 09/20/89 | | 41 | | |
| 7C196 | /29316 | | 2 6 3 | 09/20/89 | B1 | 41 | | |
| 7C197 | /29301 | | 1 6 3 | 09/20/89 | | 41 | | |
| 7C197 | /29302 | | 1 6 3 | 09/20/89 | | 41 | | |
| 7C197 | /29310 | | 1 6 3 | 09/20/89 | | 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 | | B2 41 | | |
| 7C198 | /29313 | | 1 6 3 | 09/20/89 | B1 | 41 | | |
| 7V198 | /29309 | | 1 6 3 | 09/20/89 | | B2 41 | | |
| 7C199 | /29307 | | 1 6 3 | 09/20/89 | B1 | 41 | | |
| 7C199 | /29308 | | 1 6 3 | 09/20/89 | B1 | 41 | | |
| 7C199 | /29309 | | 1 6 3 | 09/20/89 | | B2 41 | | |
| 7C199 | /29313 | | 1 6 3 | 09/20/89 | B1 | 41 | | |
| 7201LA30 | | 5962-8753101 | 2 8 3 | / / | | | | - |
| 7201LA50 | | 5962-8753102 | 2 8 3 | / / | | | | - |
| 7201LA80 | /25003 | 5962-8753103 | 2 8 3 | 10/30/86 | B1 | | | - |
| 7203S40 | | 5962-8866904 | 2 8 3 | / / | | | | |
| 7203S50 | | 5962-8866903 | 2 8 3 | / / | | | | |
| 7203S65 | | 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 8 3 | / / | | | | - |
| 7216L-55 | | 5962-8687302 | 2 8 3 | / / | | | | - |
| 7216L-75 | | 5962-8687303 | 2 8 3 | / / | | | | - |
| 7217L-40 | | 5962-8768601 | 2 4 3 | / / | | | | |
| 7217L-55 | | 5962-8768602 | 2 4 3 | / / | | | | |
| 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 | /10201 | | 1 12 12 | B 1 04/24/87 | | 52 | | F |
| 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 | / / | | | | F |
| 72404L25 | | 5962-8684603 | 2 8 3 | / / | | | | - |
| 72404L35 | | 5962-8684604 | 2 8 3 | / / | | | | - |
| 733 | | 8418501 | 2 9 12 | / / | | | | P |
| CY7C331-25 | | 5962-8985503M | 2 7 21 | / / | | | | |
| CY7C331-30 | | 5962-8985502M | 2 7 21 | / / | | | | |
| CY7C331-40 | | 5962-8985501M | 2 7 21 | / / | | | | |
| 741A | /10101 | | 1 9 12 | G 1 05/08/87 | | 49 | | F |
| 7C429-30 | | 5962-8866905 | 2 8 3 | / / | | | | |
| 747A | /10102 | | 1 9 12 | G 1 05/08/87 | S1 | 49 | | F |
| V750-35 | | 5962-8872602 | 2 7 3 | / / | | | | |
| V750-40 | | 5962-8872601 | 2 7 3 | / / | | | | |
| 7520 | /12702 | | 1 16 3 | A 1 02/28/86 | S1 | 80 | | |
| 7521 | /12703 | | 1 16 3 | A 1 02/28/86 | | 80 | | |
| 7523 | /12701 | | 2 16 3 | A 1 02/28/86 | S1 | 80 | | |
| 7524 | | 5962-8770001 | 2 16 3 | / / | | | | - |
| 7524 | | 5962-8770002 | 2 16 3 | / / | | | | - |
| 7524 | | 5962-8770003 | 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 7528 | /12704 | 5962-2770102 | 2 16 3 | / / | A 1 02/28/86 | 80 | H | - |
| 7528 | | 5962-8770103 | 2 16 3 | / / | | | | P |
| 7528 | | 5962-8770101 | 2 16 3 | / / | | | | - |
| 7537S | | 5962-8776301 | 2 16 3 | / / | | | | - |
| 7537T | | 5962-8776302 | 2 16 3 | / / | | | | - |
| 7537U | | 5962-8776303 | 2 16 3 | / / | | | | F |
| 7541 | | | 2 16 3 | | | | | - |
| AD7541AS | | 5962-8948101 | 2 16 3 | / / | | | | |
| AD7541AT | | 5962-8948102 | 2 16 3 | / / | | | | |
| PM7541AB | | 5962-8948103 | 2 16 3 | / / | | | | |
| PM7541AA | | 5962-8948104 | 2 16 3 | / / | | | | |
| 7545S | | 5962-8770201 | 2 16 3 | / / | | | | - |
| 7545T | | 5962-8770202 | 2 16 3 | / / | | | | - |
| 7545U | | 5962-8770203 | 2 16 3 | / / | | | | - |
| 7545G | | 5962-8770204 | 2 16 3 | / / | | | | - |
| 7545B | | 5962-8770205 | 2 16 3 | / / | | | | - |
| 7545A | | 5962-8770206 | 2 16 3 | / / | | | | - |
| 7547S | | 5962-8965701 | 2 16 3 | / / | | | | - |
| 7547U | | 5962-8965703 | 2 16 3 | / / | | | | - |
| 7547T | | 5962-8965702 | 3 16 3 | / / | | | | |
| 75C48S20 | | 5962-8874301 | 2 17 3 | / / | | | | |
| 7549S | /14903 /14904 | 5962-8876501 | 2 16 3 | / / | 05/07/89 05/07/89 | | | |
| 7549T | | 5962-8876502 | 2 16 3 | / / | | | | |
| 7555 | | 5962-8950303 | 2 14 3 | | | | | |
| 7556 | | 5962-E950304 | 2 14 3 | | | | | |
| AD7572S05 | | 5962-8759104 | 2 17 3 | / / | | | | F |
| AD7572T05 | | 5962-8759105 | 2 17 3 | / / | | | | F |
| AD7572U05 | | 5962-8759106 | 2 17 3 | / / | | | | F |
| AD7572U05 | | 5962-8759105 | 2 17 3 | / / | | | | F |
| 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 | S1 | 14 | | L |
| 7603 | /20702 | | 1 7 5 | B 1 05/16/86 | B1 S2 | 14 | | L |
| 7610 | /20301 | | 1 7 5 | C 11/27/85 | B1 S2 | 14 | | L |
| 7611 | /20302 | | 1 7 5 | C 11/27/85 | B1 S2 | 14 | | F |
| 76160 | /21001 | | 2 7 5 | D 05/16/86 | | 14 | | - |
| 76161 | /21002 | | 1 7 5 | D 05/16/86 | | 14 | | F |
| 76165 | /21005 | | 1 7 5 | D 05/16/86 | | 14 | | L |
| 7620 | /20401 | | 1 7 5 | D 02/06/86 | B1 S2 | 14 | | - |
| 7621 | /20402 | | 1 7 5 | D 02/06/86 | B1 S2 | 14 | | F |
| 76321 | /21102 | | 1 7 5 | 04/01/87 | | 14 | | - |
| 7640 | /20801 | | 3 7 5 | C 01/31/84 | | 14 | | L |
| 7641 | /20802 | | 1 7 5 | C 01/31/84 | | 14 | | F |
| 7642 | /20601 | | 3 7 5 | B 01/31/84 | | 14 | | L |
| 76L42A | /02906 | | 4 4 10 | C 04/16/84 | S1 | 18 | | - |
| 7643 | /20602 | | 1 7 5 | B 01/31/84 | | 14 | | L |
| 7644 | /20603 | | 2 7 5 | B 01/31/84 | B1 S2 | 14 | | - |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| ICL7667 | /02805 | 5962-8766001 | 2 13 12 | / / | S1 | 19 | | L |
| AD767 | | 5962-8961701 | 2 16 12 | / / | | | | |
| 76L70 | | | 3 5 10 | 2 08/02/74 | | | | |
| 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 | | 2 7 5 | D 1 09/30/86 | S1 | 14 | | L |
| 7681 | /20904 | | 1 7 5 | D 1 09/30/86 | | 14 | | - |
| 7684 | /20901 | | 2 7 5 | D 1 09/30/86 | | 14 | | - |
| 7684T | | 5962-8977701 | 2 17 3 | / / | | | | |
| 7684S | | 5962-8977702 | 2 17 3 | / / | B1 S2 | 14 | | - |
| 7685 | /20902 | | 1 7 5 | D 1 09/30/86 | | | | - |
| OP-77B | | 5962-8773801 | 2 9 12 | / / | | | | - |
| OP-77A | | 5962-8773802 | 2 9 12 | / / | | | | - |
| TL7702AM | | 5962-8868502 | 2 24 12 | / / | B1 | 49 | | P |
| TL7705AM | | 5962-8868501 | 2 24 12 | / / | | | | F |
| 771 | /11904 | | 1 9 15 | A 08/07/87 | | | | L |
| 77S180 | /20903 | | 2 7 5 | D 1 09/30/86 | | 14 | | - |
| 77S181 | /20904 | | 1 7 5 | D 1 09/30/86 | B1 S2 | 14 | | - |
| 77S184 | /20901 | | 2 7 5 | D 1 09/30/86 | | 14 | | - |
| 77S185 | /20902 | | 1 7 5 | D 1 09/30/86 | | 14 | | - |
| 77S190 | /21001 | | 2 7 5 | D 05/16/86 | | 14 | | - |
| 77S191 | /21002 | | 1 7 5 | D 05/16/86 | B1 | 14 | | F |
| 772 | /11905 | | 1 9 15 | A 08/07/87 | | 49 | | F |
| 774 | /11906 | | 1 9 15 | A 08/07/87 | | 49 | | F |
| 78MG | /11701 | | 3 12 12 | A 3 06/11/81 | | 52 | | L |
| 78G | /11702 | | 3 12 12 | A 3 06/11/81 | B1 | 52 | | L |
| 78M05 | /10702 | | 1 12 12 | C 05/29/89 | | 52 | | - |
| 7805 | /10706 | | 1 12 12 | C 05/29/89 | | 52 | | - |
| 7805A | | 5962-8778201 | 2 12 12 | / / | | | | - |
| 7806A | | 5962-8962601 | 2 12 12 | / / | S1 | 52 | | - |
| 7808A | | 5962-8962801 | 2 12 12 | / / | | | | - |
| 78M12 | /10703 | | 1 12 12 | C 05/29/89 | | | | - |
| 7812 | /10707 | | 1 12 12 | C 05/29/89 | | | | - |
| 7812A | | 5962-8777601 | 2 12 12 | / / | B1 | 52 | | - |
| 78C120 | | 5962-8963001 | 2 13 12 | / / | | | | - |
| 78M15 | /10704 | | 1 12 12 | C 05/29/89 | | | | - |
| 7815 | /10708 | | 1 12 12 | C 05/29/89 | | | | - |
| 7815A | | 5962-8855301 | 2 12 12 | / / | S1 | 52 | | - |
| AD7820U | | 5962-8865001 | 2 17 3 | / / | | | | - |
| AD7820T | | 5962-8865002 | 2 17 3 | / / | | | | - |
| 7824 | /10709 | | 1 12 12 | C 05/29/89 | | 52 | | - |
| 78M24 | /10705 | | 2 12 12 | C 05/29/89 | S1 | 52 | | - |
| 7824T | | 5962-8876401 | 2 17 12 | / / | | | | - |
| 7824U | | 5962-8876402 | 2 17 12 | / / | | | | - |
| 7824A | | 5962-8855401 | 2 12 12 | / / | | | | - |
| 7828T | | 5962-8876403 | 2 17 12 | / / | B1 | 53 | | F |
| 7828U | | 5962-8876404 | 2 17 12 | / / | | | | F |
| 7831 | /10406 | 8004101 | 3 13 12 | B 1 05/29/87 | | 53 | | - |
| 7832 | /10407 | 8004102 | 3 13 12 | B 1 05/29/87 | | 53 | | - |
| 78S40 | | 5962-8876101 | 2 12 26 | / / | S1 | 52 | | - |
| AD7846 | | 5962-8969701 | 2 16 12 | / / | | | | - |
| 78C48SC30 | | 5962-8874302 | 2 17 3 | / / | | | | - |
| 79MG | /11801 | | 3 12 12 | 4 03/31/80 | | | | L |

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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 | GPL status 3/ 4/ | Micro- circuit group 5/ | Radi- ation level 6/ | NATO |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|-------------------------------|------|
| 79G | /11802 | | 3 12 12 | 4 03/31/80 | B1 | 52 | | L |
| 7C901-27 | | 5962-8853502 | 2 8 3 | / / | | | | - |
| 7C901-32 | | 5962-8853501 | 2 8 3 | / / | | | | - |
| 79M05 | /11501 | | 1 12 12 | A 09/04/89 | | 52 | | L |
| 7905 | /11505 | | 1 12 12 | A 09/04/89 | | 52 | | L |
| 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 | / / | | | | |
| 7C9116-65 | | 5962-8861203 | 2 8 3 | / / | | | | |
| 7C9116-75 | | 5962-8861202 | 2 8 3 | / / | | | | |
| 7C9116-99 | | 5962-8861201 | 2 8 3 | / / | | | | |
| 79M12 | /11502 | | 1 12 12 | A 09/04/89 | S1 | 52 | | L |
| 7912 | /11506 | | 1 12 12 | A 09/04/89 | S1 | 52 | | L |
| 7912A | | 5962-8874701 | 3 12 3 | / / | | | | |
| 79M15 | /11503 | | 1 12 12 | A 09/04/89 | S1 | 52 | | - |
| 7915 | /11507 | | 1 12 12 | A 09/04/89 | S1 | 52 | | - |
| 7915A | | 5962-8874801 | 3 12 3 | / / | | | | |
| 79M24 | /11504 | | 2 12 12 | A 09/04/89 | B1 | 52 | | F |
| 7924 | /11508 | | 2 12 12 | A 09/04/89 | B1 | 52 | | F |
| 7924A | | 5962-8874901 | 2 12 2 | / / | | | | |
| Z-80ACPU | /48001 | | 1 8 7 | B 2 04/14/83 | | 107 | | - |
| Z-80CPU | /48002 | | 1 8 7 | B 2 04/14/83 | | 107 | | - |
| Z-808CMOS | /48501 | | 1 8 3 | 03/30/89 | | 105 | | - |
| Z-808CPU | /48003 | | 2 8 7 | B 2 04/14/83 | | 107 | | - |
| Z80APIO | /48401 | | 4 8 7 | A 06/29/84 | | 107 | | - |
| Z80PIO | /48402 | | 4 8 7 | A 06/29/84 | B1 | 107 | | - |
| Z80ACTC | /48301 | | 4 8 7 | A 06/15/84 | | | | - |
| Z80CTC | /48302 | | 4 8 7 | A 06/15/84 | | | | - |
| Z80ADMA | /48201 | | 4 8 7 | A 06/18/84 | B1 | 107 | | - |
| Z80DMA | /48202 | | 4 8 7 | A 06/18/84 | | 107 | | - |
| NSC800 | | 8301301 | 2 8 3 | / / | | | | - |
| Z8001CPU | /52001 | 8000301 | 2 8 7 | B 2 06/20/83 | | 107 | | - |
| Z8001ACPU | /52003 | 8000303 | 2 8 7 | B 2 06/20/83 | | 107 | | - |
| Z8001B | | 8000304 | 2 8 7 | / / | | | | - |
| Z8002A CPU | /52004 | | 1 8 7 | B 2 06/20/83 | B1 | 107 | | F |
| Z8002CPU | /52002 | 8000302 | 2 8 7 | B 2 06/20/83 | | 107 | | F |
| Z8002B | | 8000305 | 2 8 7 | / / | | | | - |
| Z8002ACPU | /52004 | 8000306 | 2 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 | / / | | | | |
| Z80ASIO/2 | /48101 | | 4 8 7 | A 06/18/84 | | 107 | | - |
| Z-80SIO/2 | /48102 | | 4 8 7 | A 06/18/84 | | 107 | | - |
| 80286-10 | | 5962-8514803 | 2 8 22 | / / | | | | - |
| 80286-6 | | 5962-8514802 | 2 8 22 | / / | | | | F |
| 80286-8 | | 5962-8514801 | 2 8 22 | / / | | | | F |
| 80287-10 | | 5962-8513301 | 2 8 22 | / / | | | | - |
| 80287-5 | | 5962-8513303 | 2 8 22 | / / | | | | - |
| 80287-8 | | 5962-8513302 | 2 8 22 | / / | | | | - |

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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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| Z8030A | /49002 | 5962-8551801 | 2 8 7 | / / | A 09/11/86 | 107 | | - |
| Z8030 | | 5962-8551802 | 2 8 7 | / / | | | | - |
| 80C31 | | 8506401 | 2 8 3 | / / | | | | - |
| 80C31BH-16 | | 8506403 | 2 8 3 | / / | | | | - |
| 8035AHL | | 5962-8856801 | 2 8 7 | / / | | | | - |
| 8035L | | | 4 8 7 | / / | | | | - |
| Z8036A | | 8551701 | 2 8 7 | / / | | | | F |
| Z8036 | | 8551702 | 2 8 7 | / / | | | | |
| 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 | | 5962-8972601 | 3 8 3 | / / | | | | |
| 8048AH | | 5962-8856802 | 2 8 7 | / / | | | | - |
| 8048 | /49001 | | 4 8 7 | / / | A 09/11/86 | 107 | | - |
| 80C51 | | 8506402 | 2 8 3 | / / | | | | - |
| 80C51BH-16 | /42001 | 8506404 | 2 8 3 | / / | A 1 10/26/84 | 107 | | L |
| 8080A | | 7700201 | 3 8 7 | / / | | | | |
| 8085A | /53001 | 7901001 | 3 8 7 | / / | 4 11/10/80 | 107 | | L |
| 8086 | | | 1 8 7 | / / | | | | |
| 80C86 | | 8405201 | 2 8 3 | / / | | | | P |
| 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 | / / | | | | F |
| 8097 | | 8506301 | 2 8 7 | / / | | | | |
| 8097BH | | 5962-8959601 | 2 8 7 | / / | | | | |
| 8155 | | 5962-8759301 | 2 6 7 | / / | | | | |
| 8156 | | 5962-8759302 | 2 6 7 | / / | | | | - |
| 82S10 | /23107 | | 2 6 5 | / / | B 3 04/02/82 | B1 | 13 | F |
| 82S100 | | | 2 7 12 | / / | | | | |
| 82S101 | /50201 | | 1 7 12 | / / | 06/16/81 | | 14 | - |
| 82S105 | | 5962-8670901 | 2 7 12 | / / | | | | |
| 82S105 | | 5962-8671001 | 2 4 18 | / / | | | 11 | - |
| 82S105 | | 5962-8670902 | 2 7 12 | / / | | | | |
| 82S11 | /23108 | | 1 6 7 | / / | B 3 04/02/82 | | 13 | F |
| ICL8211 | | 5962-8984201 | 2 24 12 | / / | | | | |
| 82S115 | /20803 | | 1 7 5 | / / | C 01/31/84 | | 14 | - |
| ICL8212 | | 5962-8984202 | 2 24 12 | / / | | | | |
| 8212 | /42101 | | 4 8 5 | / / | A 08/09/83 | | 11 | - |
| 82S123A | | | 1 7 5 | / / | | | | |
| 82S126A | /20303 | | 1 7 5 | / / | B 1 05/16/86 | | 14 | L |
| 82S126A | | | 1 7 5 | / / | | | | |
| 82S129A | /20301 | | 1 7 5 | / / | C 11/27/85 | B1 S2 | 14 | L |
| 82S129A | | | 1 7 5 | / / | | | | |
| 82S129A | /20302 | | 1 7 5 | / / | C 11/27/85 | B1 S2 | 14 | L |
| 82S129A | | | 1 7 5 | / / | | | | |
| 82S129A | /20304 | 5962-8778801 | 2 7 5 | / / | C 11/27/85 | | 14 | - |
| 82S129A | | 5962-8778802 | 2 7 5 | / / | | | | |
| 82S130A | /20401 | | 1 7 5 | / / | D 02/06/86 | B1 S2 | 14 | - |
| 82S130A | | | 1 7 5 | / / | | | | |
| 82S130A | /20403 | | 1 7 5 | / / | D 02/06/86 | B1 S2 | 14 | - |
| 82S131A | | | 1 7 5 | / / | | | | |
| 82S131A | /20402 | | 1 7 5 | / / | D 02/06/86 | B1 S2 | 14 | F |
| 82S131A | | | 1 7 5 | / / | | | | |
| 82S131A | /20404 | | 1 7 5 | / / | D 02/06/86 | B1 S2 | 14 | L |
| 82S136 | | | 3 7 5 | / / | | | | |

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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 |
|--------------------------------|--------------------------------|--|---|---|------------------------|----------------------------------|------------------------------|------|
| 82S137A | /20602 | 5962-8768201 8602301 | 1 7 5 | B 01/31/84 | S1 | 14 | | L |
| 82S137A | /20604 | | 1 7 5 | B 01/31/84 | | 14 | | F |
| 82S141 | /20802 | | 1 7 5 | C 01/31/84 | | 14 | | F |
| 82S153A | | | 2 7 12 | / / | | | | F |
| 82S16 | | | 3 6 5 | / / | | | | - |
| 82S180 | /20903 | 5962-8767201 | 2 7 5 | D 1 09/30/86 | S1 S2 | 14 | | L |
| 82S181A | /20904 | | 1 7 5 | D 1 09/30/86 | | 14 | | - |
| 82S181A | /20909 | | 1 7 5 | D 1 09/30/86 | | 14 | | L |
| 82S184 | /20901 | | 2 7 5 | D 1 09/30/86 | | 14 | | - |
| 82S185A | /20910 | | 1 7 5 | D 1 09/30/86 | | 14 | | L |
| 82S185 | /20902 | | 1 7 5 | D 1 09/30/86 | | 14 | | - |
| 82188 | | | 2 8 12 | / / | | | | - |
| 82S190 | /21001 | | 2 7 5 | D 05/16/86 | | 14 | | - |
| 82S191A | /21002 | | 1 7 5 | D 05/16/86 | | 14 | | F |
| 82S191A | /21004 | | 1 7 5 | D 05/16/86 | | 14 | | F |
| 82HS195 | /21005 | | 1 7 5 | D 05/16/86 | | 14 | | L |
| DAC8221A | | 5962-8967101 | 2 16 12 | / / | S1 | | | |
| DAC8222A | | 5962-8967201 | 2 16 3 | / / | | | | |
| 82S23A | /20701 | 5962-8773401 5962-8773403 5962-8773402 5962-8514901 5962-8514902 | 1 7 5 | B 1 05/16/86 | | 14 | | L |
| 82S23A | /20703 | | 1 7 5 | B 1 05/16/86 | | 14 | | L |
| 8224 | /42201 | | 4 13 5 | A 08/09/83 | | 12 | | - |
| 82S2708 | /20905 | | 2 7 5 | D 1 09/30/86 | | 14 | | - |
| 8228 | /42301 | | 4 8 5 | A 08/09/83 | | 12 | | - |
| 82C284-10 | | | 2 8 3 | / / | | | | - |
| 82C284-6 | | | 2 8 3 | / / | | | | - |
| 82C284-8 | | | 2 8 3 | / / | | | | - |
| 82288-6 | | | 2 8 7 | / / | | | | F |
| 82288-8 | | | 2 8 7 | / / | | | | F |
| 82HS321A | /21101 | 5962-8959301 5962-8766902 5962-8766901 | 1 7 5 | 04/01/87 | S1 | 14 | | F |
| 82380 | | | 2 8 3 | / / | | | | - |
| 82384-12 | | | 2 8 12 | / / | | | | - |
| 82384-16 | | | 2 8 12 | / / | | | | - |
| 8250 | /15204 | | 4 4 1 | B 07/21/86 | | 4 | | - |
| 8251A | | | 2 8 12 | / / | | | | - |
| 8251A | | | 3 8 12 | / / | | | | F |
| 8251 | /15205 | | 4 4 1 | B 07/21/86 | | 4 | | - |
| 82S10 | | | 2 8 3 | / / | | | | - |
| 82C52 | | | 2 8 3 | / / | | | | - |
| 8252 | /15206 | 5962-8972501 8501501 | 4 4 1 | B 07/21/86 | S1 | 4 | | - |
| 8253 | | | 2 8 7 | / / | | | | - |
| 8253 | | | 2 8 7 | / / | | | | - |
| 8253-5 | | | 2 8 7 | / / | | | | - |
| 82C54 | | | 2 8 3 | / / | | | | - |
| 82C55A | | | 2 8 3 | / / | | | | - |
| 8255A | | | 2 8 12 | / / | | | | - |
| 82C55A-5 | | | 2 8 3 | / / | | | | - |
| 8255A-5 | | | 2 8 12 | / / | | | | - |
| 82C59A | | | 2 8 3 | / / | | | | - |
| 8259A | | 5962-8501602 5962-8751801 5962-8501601 5962-8754301 | 2 8 16 | / / | S1 | | | - |
| 82C59A-5 | | | 2 8 3 | / / | | | | - |
| 82S62 | | | 3 4 12 | / / | | | | - |
| 8264 | /24401 | | 1 6 7 | B 2 07/30/84 | | 46 | | L |
| 8264 | /24402 | | 1 6 7 | B 2 07/30/84 | | 46 | | L |
| 8264 | /24403 | | 1 6 7 | B 2 07/30/84 | | 46 | | L |
| 82HS641A-45 | /21204 | | 1 7 5 | 11/12/87 | | | | 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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 82HS641A-70 | /21201 | | 1 7 5 | 11/12/87 | | 14 | | - |
| 82720 | | 5962-8608801 | 2 8 22 | / / | | | | - |
| 8274 | | 5962-8771301 | 2 8 22 | / / | | | | - |
| 82C82 | | 8406701 | 2 13 3 | / / | | | | - |
| 8282 | | 8417903 | 2 3 1 | / / | | | | - |
| H18282 | | 5962-8688002 | 2 24 3 | / / | | | | - |
| 8282 | | 8417901 | 3 3 1 | / / | | | | - |
| 82C83 | | 8406702 | 2 13 3 | / / | | | | - |
| 8283 | | 8417904 | 2 3 1 | / / | | | | - |
| 8283 | | 8417902 | 3 3 1 | / / | | | | - |
| 82C84A | | 8406801 | 2 13 3 | / / | | | | P |
| 8286 | | 5962-8686801 | 2 13 12 | / / | | | | F |
| 82C86H-5 | | 5962-8757701 | 2 13 3 | / / | | | | - |
| 8287 | | 5962-8686802 | 2 13 12 | / / | | | | - |
| 82C87H-5 | | 5962-8757702 | 2 13 3 | / / | | | | - |
| 82C88 | | 8406901 | 2 8 3 | / / | | | | P |
| 82C89 | | 5962-8552801 | 2 8 3 | / / | | | | - |
| 8X305 | | 8550201 | 2 8 12 | / / | | | | - |
| 8X305-10 | | 8550202 | 2 8 12 | / / | | | | F |
| 83S123A | /20702 | | 1 7 5 | B 1 05/16/86 | B1 S2 | 14 | | L |
| 8X320 | | 5962-8550301 | 2 8 12 | / / | | | | - |
| 83C451 | | 5962-8972602 | 2 8 3 | / / | | | | - |
| 8X350 | | 5962-8605201 | 2 6 12 | / / | | | | F |
| 8X371 | | 5962-8757601 | 2 8 12 | / / | | | | - |
| 8X376 | | 5962-8685101 | 2 8 12 | / / | | | | - |
| 8397 | | 8552001 | 2 8 7 | / / | | | | - |
| DAC-8408A | | 5962-8967801 | 2 16 3 | / / | | | | - |
| DAC-8408B | | 5962-8967802 | 2 16 3 | / / | | | | - |
| Z8420A | | 8418601 | 2 8 7 | / / | | | | P |
| Z8420 | | 8418602 | 2 8 7 | / / | | | | - |
| Z84C2006 | | 5962-8951401 | 2 8 3 | / / | | | | - |
| Z8430A | | 8301601 | 2 8 7 | / / | | | | F |
| Z8430 | | 8301602 | 2 8 7 | / / | | | | F |
| Z84C3006 | | 5962-8951501 | 2 8 3 | / / | | | | - |
| Z8442A | | 8301501 | 2 8 7 | / / | | | | F |
| Z8442 | | 8301502 | 2 8 7 | / / | | | | F |
| Z84C4206 | | 5962-8951601 | 2 8 3 | / / | | | | - |
| Z85C3006SCC | /48601 | | 1 8 3 | 08/16/89 | B2 | | | - |
| Z85C3006 | /48601 | 5962-8868901 | 2 8 3 | 08/16/89 | B2 | | | - |
| 85C3008SCC | /48602 | | 1 8 3 | 08/16/89 | | | | - |
| Z85C3008 | /48602 | 5962-8868902 | 2 8 3 | 08/16/89 | | | | - |
| 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 | | 83001C1 | 2 8 7 | / / | | | | - |
| Z8536A | | 8300102 | 2 8 7 | / / | | | | - |
| BUS-8553 | | 5962-8604905 | 3 13 16 | / / | | | | - |
| DAC87 | | 8300201 | 1 16 16 | / / | | 92 | | - |
| DAC87 | /13701 | | 2 16 16 | A 09/17/86 | | 92 | | - |
| DAC87 | /13703 | 8300201 | 2 16 16 | A 09/17/86 | | 92 | | - |
| DAC87 | /13702 | 8300301 | 2 17 12 | A 09/17/86 | | 92 | | - |
| 87C51 | | 5962-8768401 | 2 8 22 | / / | | | | - |
| 8751H | | 8419002 | 2 8 7 | / / | | | | - |
| 87C51-16 | | 5962-8768402 | 2 8 22 | / / | | | | - |

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/ | Radi- ation level 6/ | NATO |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|-------------------------------|------|
| 8751H-8 | | 8419001 | 2 8 7 | / / | | | | P |
| 8797BH | | 5962-8680901 | 2 8 7 | / / | | | | |
| 88C681 | | 5962-8953201 | 2 13 3 | / / | | | | |
| 88C681 | | 5962-8953202 | 2 13 3 | / / | | | | |
| HSDC-8915A | | 5962-9055401 | 2 24 16 | / / | | | | |
| HSDC-8915 | | 5962-9055402 | 2 24 16 | / / | | | | |
| HSDC-8920A | | 5962-8768701 | 1 22 16 | / / | | | | |
| HSDC-8920 | | 5962-8768702 | 1 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 | | - |
| 9114B | /23802 | | 2 6 7 | A 2 03/09/81 | B1 | 46 | | F |
| 9114D | /23804 | | 2 6 7 | A 2 03/09/81 | B1 | 46 | | F |
| AM9130CFC | /23701 | | 4 6 7 | B 05/25/84 | | 46 | | - |
| AM9130AFC | /23702 | | 4 6 7 | B 05/25/84 | | 46 | | - |
| AM9130CFM | /23703 | | 4 6 7 | B 05/25/84 | | 46 | | - |
| AM9130AFM | /23704 | | 4 6 7 | B 05/25/84 | | 46 | | - |
| AM91L30CF | /23705 | | 4 6 7 | B 05/25/84 | | 46 | | - |
| AM91L30AF | /23706 | | 4 6 7 | B 05/25/84 | | 46 | | - |
| AM91L30CFM | /23707 | | 4 6 7 | B 05/25/84 | | 46 | | - |
| AM91L30AFM | /23708 | | 4 6 7 | B 05/25/84 | | 46 | | - |
| AM9140CFC | /23709 | | 4 6 7 | B 05/25/84 | | 46 | | - |
| AM9140AFC | /23710 | | 4 6 7 | B 05/25/84 | | 46 | | - |
| AM9140CFM | /23711 | | 4 6 7 | B 05/25/84 | | 46 | | - |
| AM9140AFM | /23712 | | 4 6 7 | B 05/25/84 | | 46 | | - |
| AM91L40CFC | /23713 | | 4 6 7 | B 05/25/84 | | 46 | | - |
| AM91L40AFC | /23714 | | 4 6 7 | B 05/25/84 | | 46 | | - |
| AM91L40CFM | /23715 | | 4 6 7 | B 05/25/84 | | 46 | | - |
| AM91L40AFM | /23716 | | 4 6 7 | B 05/25/84 | | 46 | | - |
| 9147-45 | /23807 | | 1 6 7 | A 2 03/09/81 | | 46 | | - |
| 9147-55 | /23805 | | 1 6 7 | A 2 03/09/81 | | 46 | | - |
| 9147-70 | /23803 | | 1 6 7 | A 2 03/09/81 | B1 | 46 | | F |
| 9147-85 | /23801 | | 1 6 7 | A 2 03/09/81 | | 46 | | - |
| 9148-70 | /23806 | | 1 6 7 | A 2 03/09/81 | | 46 | | - |
| 9150-25 | | 5962-8759201 | 2 6 18 | / / | | | | - |
| 9150-35 | | 5962-8759202 | 2 6 18 | / / | | | | - |
| 9150-45 | | 5962-8759203 | 2 6 18 | / / | | | | - |
| 9218 | /40301 | | 4 7 7 | A 08/16/83 | | 47 | | - |
| 930 | /03001 | | 3 1 14 | A 1 12/27/74 | | 22 | | L |
| 93L00 | /02804 | | 3 5 10 | 2 08/02/74 | | 19 | | L |
| 9300 | /15901 | | 4 5 1 | B 07/21/86 | | 5 | | - |
| 9301 | /15206 | | 4 4 1 | B 07/21/86 | | 4 | | - |
| 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 | | - |
| 9311 | /15201 | | 4 4 1 | B 07/21/86 | | 4 | | - |
| 9312 | /01402 | | 3 4 1 | D 2 08/02/82 | B1 | 4 | | L |
| 93L12 | /04602 | | 4 4 10 | B 03/21/84 | | 18 | | - |
| 9314 | /01504 | | 3 3 1 | A 1 07/27/79 | B1 | 5 | | L |

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 |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|------------------------------|------|
| 93L14 | /04501 | 5962-8672701 | 4 3 10 | B 04/05/84 | | 19 | | - |
| 93S16 | | | 3 5 12 | / / | | | | - |
| 93L16 | /02505 | | 4 5 10 | D 08/08/86 | | 19 | | - |
| 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 | | - |
| 9322 | /01405 | | 3 4 1 | D 2 08/02/82 | | 4 | | L |
| 93L22 | /04603 | | 4 4 10 | B 03/21/84 | | 18 | | - |
| HS9324 | | 5962-8862901 | 2 16 16 | / / | | | | - |
| 9324 | /15002 | | 3 4 1 | C 11/07/85 | | 4 | | L |
| 93L24 | /04401 | | 4 4 10 | B 02/28/84 | | 18 | | - |
| 93L28 | /02803 | | 3 5 10 | 2 08/02/74 | | 19 | | L |
| 9328 | /15902 | | 4 5 1 | B 07/21/86 | | 5 | | - |
| 933 | /03105 | | 4 2 14 | A 08/09/83 | B1 | 23 | | - |
| 9334 | /16001 | | 4 3 1 | A 08/09/83 | | 5 | | - |
| 9338 | /15701 | | 4 5 1 | A 08/09/83 | | 5 | | - |
| 9341 | /01101 | | 3 4 1 | C 05/19/78 | | 4 | | L |
| 93410 | /23001 | | 4 6 1 | A 09/04/84 | | 6 | | - |
| 93411 | /23003 | | 4 6 1 | A 09/04/84 | | 6 | | - |
| 93412 | /23109 | | 2 6 7 | B 3 04/02/82 | | 13 | | F |
| 93L412 | /23111 | | 2 6 7 | B 3 04/02/82 | | 13 | | F |
| 93L415 | /23103 | | 1 6 5 | B 3 04/02/82 | B1 | 13 | | F |
| 93415 | /23105 | | 2 6 5 | B 3 04/02/82 | | 13 | | - |
| 93415 | /23107 | | 2 6 5 | B 3 04/02/82 | B1 | 13 | | F |
| 93415 | /23101 | | 3 6 5 | B 3 04/02/82 | B1 | 13 | | - |
| 93417 | /20301 | | 1 7 5 | C 11/27/85 | B1 S2 | 14 | | F |
| 93419 | /23201 | | 2 6 5 | 09/30/80 | B1 | 13 | | F |
| 9342 | /01102 | | 3 4 1 | C 05/19/78 | | 4 | | L |
| 93L420 | /23004 | | 4 6 1 | A 09/04/84 | | 6 | | - |
| 93421 | /23002 | | 4 6 1 | A 09/04/84 | | 6 | | - |
| 93422 | /23110 | | 1 6 7 | B 3 04/02/82 | B1 | 13 | | F |
| 93L422 | /23112 | | 1 6 7 | B 3 04/02/82 | | 13 | | F |
| 93422A | /23114 | | 1 6 7 | B 3 04/02/82 | | 13 | | - |
| 93L422A | /23115 | | 1 6 7 | B 3 04/02/82 | | 13 | | - |
| 93425 | /23102 | | 1 6 5 | B 3 04/02/82 | | 13 | | - |
| 93L425 | /23104 | | 1 6 5 | B 3 04/02/82 | | 13 | | - |
| 93425 | /23106 | | 1 6 7 | B 3 04/02/82 | B1 | 13 | | F |
| 93425A | /23108 | | 1 6 7 | B 3 04/02/82 | | 13 | | F |
| 93L425A | /23113 | | 1 6 7 | B 3 04/02/82 | | 13 | | - |
| 93427 | /20302 | | 1 7 5 | C 11/27/85 | B1 S2 | 14 | | L |
| 93436 | /20401 | | 1 7 5 | D 02/06/86 | B1 S2 | 14 | | - |
| 93446 | /20402 | | 1 7 5 | D 02/06/86 | B1 S2 | 14 | | F |
| 93448 | /20802 | | 1 7 5 | C 01/31/84 | | 14 | | F |
| 932450 | /20903 | | 2 7 5 | D 1 09/30/86 | | 14 | | L |
| 932451 | /20909 | | 1 7 5 | D 1 09/30/86 | S1 | 14 | | L |
| 932451 | /20904 | | 1 7 5 | D 1 09/30/86 | S1 | 14 | | - |
| 93452 | /20601 | | 3 7 5 | B 01/31/84 | | 14 | | L |
| 93453 | /20602 | | 1 7 5 | B 01/31/84 | | 14 | | L |
| 93458 | /50201 | | 1 7 12 | 06/16/81 | | 14 | | - |
| 93459 | /50202 | | 2 7 12 | 06/16/81 | | 14 | | - |
| 932460 | /20906 | | 2 7 5 | D 1 09/30/86 | | 14 | | L |
| 932461 | /20905 | | 2 7 5 | D 1 09/30/86 | | 14 | | - |
| 93470 | /23301 | | 4 6 5 | A 10/20/87 | | 13 | | L |

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- iation level 6/ | NATO |
|--------------------------------|--------------------------------|---|---|---|------------------------|----------------------------------|-------------------------------|------|
| 93471 | /23302 | 5962-8672601 | 4 6 5 | A 10/20/87 | | 13 | | L |
| 93S48 | | | 2 4 12 | / / | | | | - |
| MIC935 | /03002 | | 3 1 14 | A 1 12/27/74 | B1 | 22 | | L |
| 932510 | /21003 | | 2 7 5 | D 05/16/86 | B1 | 14 | | L |
| 932511 | /21002 | | 1 7 5 | D 05/16/86 | | 14 | | F |
| 932511 | /21004 | | 1 7 5 | D 05/16/86 | | 14 | | F |
| 936 | /03003 | | 3 1 14 | A 1 12/27/74 | | 22 | | L |
| 932665-45 | /21204 | | 1 7 5 | 11/12/87 | | | | F |
| 932665-50 | /21203 | | 1 7 5 | 11/12/87 | | 14 | | |
| 932665-55 | /21202 | | 1 7 5 | 11/12/87 | | | | F |
| 932665-70 | /21201 | 5962-8851402 5962-8851401 | 1 7 5 | 11/12/87 | | 14 | | - |
| 932667-70 | /21201 | | 1 7 5 | 11/12/87 | | 14 | | - |
| 9383 | /00602 | | 3 4 1 | C 2 06/24/76 | | 4 | | L |
| MIC940 | /03002 | | 3 1 14 | A 1 12/27/74 | B1 | 22 | | L |
| HS9403-16 | | | 2 22 16 | / / | | | | |
| HS9403-8 | | | 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 | | | 2 8 12 | / / | | | | - |
| F9450-F15 | | | 2 8 12 | / / | | | | - |
| F9450-F18 | | 8416901 8416904 8416902 8416903 | 2 8 12 | / / | | | | - |
| F9450-F20 | | | 2 8 12 | / / | | | | - |
| 946 | /03004 | | 3 1 14 | A 1 12/27/74 | B1 | 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 | | | 2 8 7 | / / | | | | - |
| 9517A | | | 2 8 7 | / / | | | | F |
| 9517A-4 | | | 2 8 7 | / / | | | | F |
| 9519A | | | 2 8 7 | / / | | | | - |
| 957 | /03103 | 5962-8552301 5962-8757501 5962-8757502 5962-8759701 | 4 2 14 | A 08/09/83 | | 23 | | - |
| 958 | /03104 | | 4 2 14 | A 08/09/83 | | 23 | | - |
| 9601 | /01204 | | 3 3 1 | G 08/20/85 | | 3 | | L |
| 9602 | /01205 | | 3 3 1 | G 08/20/85 | | 3 | | L |
| 9614 | /10403 | | 1 13 12 | B 1 05/29/87 | B1 | 53 | | F |
| 9615 | /10404 | | 1 13 12 | B 1 05/29/87 | | 53 | | F |
| 96F173 | | | 2 13 12 | / / | | | | |
| 96F175 | | | 2 13 12 | / / | | | | |
| 962 | /03005 | | 3 1 14 | A 1 12/27/74 | | 22 | | L |
| 9622 | | | 3 13 12 | / / | | | | - |
| 9636A | | 5962-8752201 5962-8752301 5962-8752401 5962-8754601 8600804 7801903 5962-8954401 5962-8956601H | 2 13 26 | / / | | | | F |
| 9637A | | | 2 13 12 | / / | | | | - |
| 9638 | | | 2 13 12 | / / | | | | - |
| 96685 | | | 2 10 12 | / / | | | | - |
| AD96687 | | | 2 10 12 | / / | | | | - |
| OP-97 | | | 2 9 12 | / / | | | | - |
| HS9716 | | | 2 20 16 | / / | | | | - |
| 9900A | /46001 | | 4 8 6 | A 06/29/84 | | 108 | | - |
| 9914A | | | 3 8 7 | / / | | | | - |
| 99C641-45 | /29202 | 5962-8751901 | 2 6 3 | 09/30/87 | | 41 | | - |
| 99C641-55 | /29201 | | 2 6 3 | 09/30/87 | | 41 | | - |
| 99CL641-55 | /29203 | | 2 6 3 | 09/30/87 | | 41 | | - |
| 99CL641-70 | /29204 | | 2 6 3 | 09/30/87 | | 41 | | - |
| SBP9989 | /46501 | | 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 condidates 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.

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. Complementary MOS
4. A Series CMOS
5. Schottky TTL
6. Intergrated Current Logic
7. N - Channel MOS
8. B Series CMOS
9. High Speed TTL
10. Low Power TTL
11. P - Channel MOS
12. Bipolar
13. Emmitter 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

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 5962-1227)

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

(See Instructions - Reverse Side)

| | | | |
|---|--|--|--|
| 1. DOCUMENT NUMBER MIL-STD-1562V | | 2. DOCUMENT TITLE MILITARY STANDARD LISTS OF STANDARD MICROCIRCUITS | |
| 3a. NAME OF SUBMITTING ORGANIZATION | | 4. TYPE OF ORGANIZATION (Mark one) <input type="checkbox"/> VENDOR <input type="checkbox"/> USER <input type="checkbox"/> MANUFACTURER <input type="checkbox"/> OTHER (Specify): _____ | |
| b. ADDRESS (Street, City, State, ZIP Code) | | | |
| 5. PROBLEM AREAS | | | |
| a. Paragraph Number and Wording: | | | |
| b. Recommended Wording: | | | |
| c. Reason/Rationale for Recommendation: | | | |
| 6. REMARKS | | | |
| 7a. NAME OF SUBMITTER (Last, First, MI) - Optional | | b. WORK TELEPHONE NUMBER (Include Area Code) - Optional | |
| c. MAILING ADDRESS (Street, City, State, ZIP Code) - Optional | | 8. DATE OF SUBMISSION (YYMMDD) | |