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MILITARY STANDARD

LISTS OF STANDARD MICROCIRCUITS



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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 Specification of Microcircuits.

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

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

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

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

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

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3. DEFINITIONS

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

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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 1/
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 I. 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 I. 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/DEMULTIPLEXER, 3-LINE-TO-8-LINE	G16
54F138	33701	DECODER, 3-TO-8-LINE	G15
54LS138	30701	DECODER, 3-LINE-TO-8-LINE	G16
54AC138	75802	DECODER/DEMULTIPLEXER, 3-LINE-TO-8-LINE	N
54HC139	65803	DECODER, DUAL 2-LINE-TO-4-LINE	G18
54F139	33702	DECODER, DUAL 2-LINE-TO-4-LINE	G18
54LS139	30702	DECODER, DUAL 2-LINE-TO-4-LINE	G18
54LS148	36001	PRIORITY ENCODER, 8-LINE-TO-3-LINE	G29
54F151A	33901	DATA SEL/MULTIPLEXER, 8-INPUT	G17
54LS151	30901	DATA SEL/MULTIPLEXER, 8-INPUT	G17
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 I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Combinational gates 4 - Continued			
54F280	34901	PARTY GENERATOR/CHECKER, 9-BIT	G46
54LS280	32901	PARTY 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

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TABLE I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Sequential registers/counters 5 - Continued			
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 I. 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
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 I. Preferred devices - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
ROM/PROM/PAL 7 - Continued			
28C65-350	26007	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	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
932451	20909	PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME	B8192
932451	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
932511	21002	PROM, 2K X 8, WITH THREE-STATE OUTPUTS	B16384
932511	21004	PROM, 2K X 8, WITH THREE-STATE OUTPUTS	B16384
932665-45	21204	PROM, 8K X 8, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME	B65536
932665-50	21203	PROM, 8K X 8, WITH THREE-STATE OUTPUTS	B65536
932665-55	21202	PROM, 8K X 8, WITH THREE-STATE OUTPUTS, 55 NS ACCESS TIME	B65536
932665-70	21201	PROM, 8K X 8, WITH THREE-STATE OUTPUTS	B65536

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			
932667-70	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
MKB4501-80	25002	FIFO MEMORY, 512 X 9	B4608
MKB4501-81	25001	FIFO MEMORY, 512 X 9	B4608
MKB4501-88	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-66300II	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-80BCMOS	48501	MICROPROCESSOR, 8-BIT	N
Z8002CPU	52002	MICROPROCESSOR, 16-BIT, 4.0 MHZ	N
Z8002A CPU	52004	MICROPROCESSOR, 16-BIT, 6.0 MHZ	N
8086	53001	MICROPROCESSOR, 16-BIT	N
285C3006SCC	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
LM126A	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 CC	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-63105II	5962-8604902	DRIVER-RECEIVER, SINGLE CHANNEL, (INTERFACES WITH MANCHESTER ENCODER-DECODER)	N
BUS-63106II	5962-8604902	DRIVER-RECEIVER, SINGLE CHANNEL, (INTERFACES WITH MANCHESTER ENCODER-DECODER)	N
BUS-63125II	5962-8757902	BUS TRANSCIEVER, DUAL CHANNEL, LOW-POWER	N
BUS-63147	5962-8952201	BUS TRANSCIEVER, 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, $\pm .012\%$ FSR	N
DAC02310-113	5962-8851702	D/A CONVERTER, 14-BIT, DEGLITCHED, $\pm .006\%$ 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, OV 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, OV 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 I. 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, OV 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, OV TO 10V INTERNAL REFERENCE	N
MN5210	5962-8958401	A/D CONVERTER, 12-BIT, HIGH-SPEED, OV 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, OV 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, OV 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, SPOT	G15
DG188A	11106	ANALOG SWITCH, SPOT	G15
DG190A	11107	ANALOG SWITCH, SPOT, 2-CHANNEL	G30
DG191A	11108	ANALOG SWITCH, SPOT, 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, SPOT, 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, SPOT, 2-CHANNEL	G25
306	11607	ANALOG SWITCH, DPST, 2-CHANNEL	G50
307	11608	ANALOG SWITCH, SPOT, 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, SPOT, 1-CHANNEL, 75 OHMS	N
5043	10504	ANALOG SWITCH, SPOT, 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			
504	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
54KC11	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
Gates 1 - Continued			
54ACB6 54HCT86	5962-8955001 5962-8984401	EXCLUSIVE-OR GATE, QUAD 2-INPUT EXCLUSIVE-OR GATE, QUAD 2-INPUT, TTL-COMPATIBLE INPUTS	N N
Buffers 2			
LT1010 10H524 10H525 10H588 29C827 29827A	5962-8856201. 5962-8756001 5962-8750801 5962-8750901 5962-8766701 5962-8860501	POWER BUFFER, FAST, ±150 MA LOGIC-LEVEL CONVERTER, TTL-TO-ECL, QUAD LOGIC-LEVEL CONVERTER, ECL-TO-TTL HEX BUFFER, WITH ENABLE BUS BUFFER, 10-BIT NONINVERTING, HIGH PERFORMANCE BUFFER, 10-BIT, HIGH PERFORMANCE, WITH THREE-STATE OUTPUTS	N G4 G4 G7 G11 G11
29C828 29828A	5962-8766702 5962-8860502	BUS BUFFER, 10-BIT INVERTING, HIGH PERFORMANCE BUFFER, 10-BIT, HIGH PERFORMANCE, WITH THREE-STATE OUTPUTS	G11 G11
29C927 29C928 54ALS1000A 54ALS1003	5962-8766703. 5962-8766704 8405901 38403	BUS BUFFER, 10-BIT NONINVERTING, HIGH PERFORMANCE BUS BUFFER, 10-BIT INVERTING, HIGH PERFORMANCE BUFFER/DRIVER, NAND, QUAD 2-INPUT BUFFER/DRIVER, NAND, QUAD 2-INPUT, WITH OPEN-COLLECTOR OUTPUTS	G11 G11 G4 G4
54ALS1004 54ALS1004 54ALS1005	38409 8406101 38410	BUFFER/DRIVER, HEX, INVERTING BUFFER/DRIVER, HEX, INVERTING BUFFER/DRIVER, HEX, INVERTING, WITH OPEN-COLLECTOR OUTPUTS	G6 G6 G6
54ALS1008A 54ALS1008A 54ALS1010A 54ALS1010A 54ALS1011 54ALS1032 54ALS1034 54AS1034A 54ALS1035	38404 8409701 38405 8406001 38406 38408 8403101 5962-8873101 38412	BUFFER/DRIVER, AND, QUAD 2-INPUT BUFFER/DRIVER, AND, QUAD 2-INPUT BUFFER/DRIVER, NAND, TRIPLE 3-INPUT BUFFER/DRIVER, NAND, TRIPLE 3-INPUT BUFFER/DRIVER, AND, TRIPLE 3-INPUT BUFFER/DRIVER, OR, QUAD 2-INPUT BUFFER/DRIVER, HEX, NONINVERTING BUFFER/DRIVER, HEX, NONINVERTING BUFFER/DRIVER, HEX, NONINVERTING, WITH OPEN-COLLECTOR OUTPUTS	G4 G4 G3 G3 G3 G4 G6 N 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 54HC126	5962-9093701M 5962-8684801	BUS BUFFER GATE, QUAD, WITH THREE-STATE OUTPUTS BUFFER/DRIVER, QUAD, NONINVERTING, WITH THREE-STATE OUTPUTS	N 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
54LSS40	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			
S4HC173	5962-8682501	FLIP-FLOP, D-TYPE, QUAD, WITH THREE-STATE OUTPUTS	N
S4HCT173	5962-8875901	FLIP-FLOP, D-TYPE, QUAD, TTL-COMPATIBLE INPUTS WITH THREE-STATE OUTPUTS	N
S4AC174	75307	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	G26
S4ALS174	8301901	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	G44
S4HC174	8407301	FLIP-FLOP, D-TYPE, HEX, WITH CLEAR	G38
S4AC174	5962-8762601	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET	G26
S4ACT174	5962-8775701	FLIP-FLOP, D-TYPE, HEX, WITH MASTER RESET AND TTL-COMPATIBLE INPUTS	N
S4HCT174	5962-8974301	FLIP-FLOP, D-TYPE, HEX, WITH RESET, TTL COMPATIBLE-INPUTS	N
S4AC175	75308	FLIP-FLOP, D-TYPE, QUAD, WITH MASTER RESET	N
S4ALS175	8301902	FLIP-FLOP, D-TYPE, QUAD, WITH CLEAR	G34
S4HC175	8408901	FLIP-FLOP, D-TYPE, QUAD	N
S4AC175	5962-8955201	FLIP-FLOP, D-TYPE, QUAD, WITH MASTER RESET	N
S4ACT175	5962-8969301	FLIP-FLOP, D-TYPE, QUAD, TTL-COMPATIBLE INPUTS	N
S4HCT175	5962-8970101	FLIP-FLOP, D-TYPE, QUAD, WITH RESET, TTL-COMPATIBLE INPUTS	N
S4LS221	7604201	MULTIVIBRATOR, DUAL MONOSTABLE, WITH SCHMITT-TRIGGER INPUTS AND CLEAR	N
S4HC221	5962-8780501	MULTIVIBRATOR, DUAL NON-RETRIGGERABLE MONOSTABLE, WITH RESET	N
S4HC259	8551901	LATCH, 8-BIT ADDRESSABLE	N
S4ALS259	5962-8874101	LATCH, 8-BIT ADDRESSABLE	N
S4F259	5962-8972301	LATCH, 8-BIT ADDRESSABLE	N
S4AC273	75601	FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR	N
S4LS273	7801001	FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR	G80
S4HC273	8409901	FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR	N
S4ALS273	8413601	FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR	N
S4FCT273	5962-8765601	FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR, TTL-COMPATIBLE	G34
S4HCT273	5962-8772501	FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR AND TTL-COMPATIBLE INPUTS	G34
S4F273	5962-8855001	FLIP-FLOP, D-TYPE, OCTAL, EDGE-TRIGGERED, WITH ASYNCHRONOUS MASTER RESET	N
S4AC273	5962-8775601	FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR	N
S4FCT273A	5962-8765602	FLIP-FLOP, D-TYPE, OCTAL, WITH CLEAR, TTL-COMPATIBLE	N
S4ACT273	5962-8973501	FLIP-FLOP, D-TYPE, QUAD, WITH RESET, TTL-COMPATIBLE INPUTS	N
S4LS279	7601801	LATCH, RS, 4-BIT	G8
S4ALS29821	5962-9061601	FLIP-FLOPS, 10-BIT BUS INTERFACE, WITH 3-STATE OUTPUTS	N
S4ALS373	8302001	FLIP-FLOP, D-TYPE, OCTAL, WITH TRANSPARENT LATCH AND THREE-STATE OUTPUTS	G58
S4HC373	8407201	LATCH, D-TYPE, 8-BIT, WITH THREE-STATE OUTPUTS	N
S4HCT373	5962-8686701	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH TTL-COMPATIBLE INPUTS AND 3-STATE OUTPUTS	N
S4AC373	5962-8755501	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH THREE-STATE OUTPUTS	G42
S4ACT373	5962-8755601	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH 3-STATE OUTPUTS AND TTL-COMPATIBLE INPUTS	G18
S4FCT373	5962-8764401	LATCH, D-TYPE TRANSPARENT, OCTAL, W/NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE TTL-COMPATIBLE INPUTS	G42
S4FCT373A	5962-8764402	LATCH, D-TYPE TRANSPARENT, OCTAL, W/NONINVERTING 3-STATE OUTPUTS, TTL-COMPATIBLE TTL-COMPATIBLE INPUTS	G42
S4BCT373	5962-9074601H	LATCH, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	N
S4AC374	75602	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS	G42

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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 RETRIGGABLE 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

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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			
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 LS TTL-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 LS TTL-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

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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	5962-8994501	LATCH, D-TYPE, 8-BIT, EDGE-TRIGGERED READ BACK	N
8282	8417903	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH THREE STATE OUTPUTS	N
8283	8417904	LATCH, D-TYPE TRANSPARENT, OCTAL, WITH INVERTED THREE-STATE OUTPUTS	N
Combinational gates 4			
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
TMC28KU85V	5962-8873903	MULTIPLIER, 8 X 8 UNSIGNED MAGNITUDE	N
TMC28KU85V1	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 2-LINE-TO-4-LINE	N
54FCT139A	5962-8950802	DECODER, DUAL 1-OF-4	N
54LS145	8508401	DECODER/DRIVER, BCD-TO-DECIMAL	G18

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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 INPUTS	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 INPUTS	N
54AC157	5962-8953901	DATA SEL/MULTIPLEXER, QUAD 2-INPUT	N
54HC158	5962-8682301	DATA SEL/MULTIPLEXER, QUAD 2-INPUT, WITH INVERTED OUTPUTS	G15
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 LATCH	N
54HCT237	5962-9061301	DECODER/DEMUTIPLEXER, 3-LINE-TO-8-LINE, W/ ADDRESS LATCHES, TTL-COMPATIBLE	N
54HC238	5962-8688401	DECODER/DEMUTIPLEXER, 3-LINE-TO-8-LINE	N
54HCT238	5962-8974501	DECODER/DEMUTIPLEXER, 3-LINE-TO-8-LINE, TTL-COMPATIBLE INPUTS	N
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 OUTPUTS, TTL-COMPATIBLE INPUTS	N
54HC253B	66206	DATA SEL/MULTIPLEXER, DUAL 4-LINE TO 1-LINE, WITH THREE-STATE OUTPUTS	N
54LS253	7601701	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH THREE-STATE OUTPUTS	G16
54ALS253	8509601	DATA SEL/MULTIPLEXER, DUAL 4-INPUT, WITH THREE-STATE OUTPUTS	N

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

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
Combinational gates 4 - Continued			
54AC253	5962-8769301	DATA SEL/MUX, DUAL 4-INPUT, WITH THREE-STATE OUTPUTS	G16
54ACT253	5962-8776101	DATA SEL/MUX, DUAL 4-INPUT, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	G16
54HC253B	5962-8868201	DATA SEL/MUX, DUAL 4-LINE TO 1-LINE, WITH THREE-STATE OUTPUTS	N
54HC257	66207	DATA SEL/MUX, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	N
54LS257B	7603701	DATA SEL/MUX, QUAD 2-INPUT, WITH ENABLE AND THREE-STATE OUTPUTS	G15
54ALS257	8509701	DATA SEL/MUX, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	G15
54HC257	8512401	DATA SEL/MUX, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	N
54AC257	5962-8870301	DATA SEL/MUX, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	N
54ACT257	5962-8968901	DATA SEL/MUX, QUAD 2-INPUT, WITH 3-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	N
54HCT257	5962-8970501	DATA SEL/MUX, QUAD 2-INPUT, WITH THREE-STATE NONINVERTING OUTPUTS	N
54LS258B	7603801	DATA SEL/MUX, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS, WITH ENABLE	G15
54ALS258	5962-8862601	DATA SEL/MUX, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	G15
54ACT258	5962-8870401	DATA SEL/MUX, QUAD 2-INPUT, WITH THREE-STATE OUTPUTS	N
54HCT258	5962-8970801	DATA SEL/MUX, 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	PARTY 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	PARTY GENERATOR/CHECKER, 9-BIT, WITH BUS DRIVER PARITY I/O PORT	N
54LS298	7601901	DATA SEL/MUX, QUAD 2-INPUT, WITH STORAGE	G15
54LS353	8550801	DATA SEL/MUX, 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	5962-8681801	MAGNITUDE COMPARATOR, 8-BIT	G18
54ALS688	5962-8857801	IDENTITY COMPARATOR, 8-BIT	N
54LS83A	7601401	ADDER, 4-BIT FULL WITH FAST CARRY	G42
54HC85	8601301	MAGNITUDE COMPARATOR, 4-BIT	G53
54HCT85	5962-8867201	MAGNITUDE COMPARATOR, 4-BIT	N
54ALS857A	5962-8753301	DATA SEL/MUX, HEX 2-INPUT, WITH THREE-STATE OUTPUTS	G44
721055	5962-8873301	MULTIPLIER, 16-BIT PARALLEL	N
721065	5962-8873302	MULTIPLIER, 16-BIT PARALLEL	N
721075	5962-8873303	MULTIPLIER, 16-BIT PARALLEL	N
7217L-40	5962-8768601	MULTIPLIER, 16-BIT PARALLEL, 42 NS MULTIPLY TIME	N
7217L-55	5962-8768602	MULTIPLIER, 16-BIT PARALLEL, 55 NS MULTIPLY TIME	N
7217L-75	5962-8768603	MULTIPLIER, 16-BIT PARALLEL, 75 NS ACCESS TIME	N
82S105	5962-8671001	ARITHMETIC LOGIC UNIT, 4-BIT	G82
93S48	5962-8672601	PARITY GENERATOR/CHECKER, 12-BIT	G22
Sequential registers/counters 5			
10H416	5962-8759001	BINARY COUNTER, 4-BIT	N
10H536	5962-8700101	UNIVERSAL COUNTER	G47
10H541	5962-8751101	SHIFT REGISTER, 4-BIT UNIVERSAL	G41
10541	5962-8855701	SHIFT REGISTER, UNIVERSAL	N
25LS2519	5962-8670201	REGISTER, D-TYPE, QUAD, WITH TO INDEPENDENTLY CONTROLLED THREE-STATE OUTPUTS	N
29LS18	5962-8671901	REGISTER, D-TYPE, QUAD, WITH STANDARD AND THREE-STATE OUTPUTS	G30
29FCT520A	5962-8873601	Pipeline Register, Multilevel	N
29FCT520B	5962-8873603	Pipeline Register, Multilevel	N
29FCT521A	5962-8873602	Pipeline Register, Multilevel	N
29FCT521B	5962-8873604	Pipeline Register, Multilevel	N
29818A	5962-8954901	Pipeline Register, with Serial Shadow Register Diagnostics	N
AM29C818	5962-9051501	Pipeline Register	N
29C821	5962-8851601	REGISTER, BUS INTERFACE, 10-WIDE, HIGH PERFORMANCE	G52
29821A	5962-8775501	BUS INTERFACE REGISTER, 10-WIDE	G52
29C823	5962-8851602	REGISTER, BUS INTERFACE, 9-WIDE, HIGH PERFORMANCE	G50
29823A	5962-8775502	BUS INTERFACE REGISTER, 9-WIDE	G50
29825A	5962-8775503	BUS INTERFACE REGISTER, 8-WIDE	G45
29921A	5962-8775504	BUS INTERFACE REGISTER, 10-WIDE	G52
29923A	5962-8775505	BUS INTERFACE REGISTER, 9-WIDE	G50
29925A	5962-8775506	BUS INTERFACE REGISTER, 8-WIDE	G45
L4C381-45	5962-8995901	ARITHMETIC LOGIC UNIT, 16-BIT CASCADABLE	N
54ALS160	38101	DECADE COUNTER, 4-BIT SYNCHRONOUS BCD	G54
54HC160	66301	DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS RESET	N
54HC160	5962-8682401	DECADE COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS RESET	N
54LS160A	7700901	DECADE COUNTER, 4-BIT SYNCHRONOUS	G60
54LS161	7600801	BINARY COUNTER, 4-BIT SYNCHRONOUS	G57
54HC161	8407501	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	N
54HCT161	5962-8685401	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNC. CLEAR AND LSSTL-COMPATIBLE INPUTS	G55
54ALS161B	8302201	BINARY COUNTER, 4-BIT SYNCHRONOUS, WITH ASYNCHRONOUS CLEAR	G64

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
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 THREE-STATE OUTPUTS	G104
54ALS323	8302102	SHIFT/STORAGE REGISTER, 8-BIT BIDIRECTIONAL UNIVERSAL, WITH THREE-STATE OUTPUTS THREE-STATE OUTPUTS	G104
54F350	5962-8607501	SHIFT REGISTER, 4-BIT, WITH THREE-STATE OUTPUTS	G29
54F378	34108	REGISTER, D-TYPE, HEX PARALLEL	G50
54F378	5962-8855501	REGISTER, D-TYPE, HEX PARALLEL	G50

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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
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

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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

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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 <u>1</u>
RAM 6 - Continued			
(SEE DWG)	5962-8861001	STATIC RAM, 2K X 16, DUAL PORT (MASTER), 90 NS ACCESS TIME	B32768
(SEE DWG)	5962-8861002	STATIC RAM, 2K X 16, DUAL PORT (SLAVE), 90 NS ACCESS TIME	B32768
(SEE DWG)	5962-8861003	STATIC RAM, 2K X 16, DUAL PORT (MASTER), 70 NS ACCESS TIME	B32768
(SEE DWG)	5962-8861004	STATIC RAM, 2K X 16, DUAL PORT (SLAVE), 70 NS ACCESS TIME	B32768
(SEE DWG)	5962-8861101	STATIC RAM, 4K X 4, WITH SEPARATE I/O, 70 NS ACCESS TIME	B16392
(SEE DWG)	5962-8861102	STATIC RAM, 4K X 4, WITH SEPARATE I/O, 55 NS ACCESS TIME	B16392
(SEE DWG)	5962-8861103	STATIC RAM, 4K X 4, WITH SEPARATE I/O, 45 NS ACCESS TIME	B16392
(SEE DWG)	5962-8861104	STATIC RAM, 4K X 4, WITH SEPARATE I/O, 35 NS ACCESS TIME	B16392
(SEE DWG)	5962-8861105	STATIC RAM, 4K X 4, WITH SEPARATE I/O, 25 NS ACCESS TIME	B16392
(SEE DWG)	5962-8874001	STATIC RAM, 2K X 8, LOW-POWER, 35 NS ACCESS TIME	B16384
(SEE DWG)	5962-8874002	STATIC RAM, 2K X 8, LOW-POWER, 25 NS ACCESS TIME	B16384
(SEE DWG)	5962-8868301	STATIC RAM, 8K X 9, 45 NS ACCESS TIME	B72828
(SEE DWG)	5962-8868302	STATIC RAM, 8K X 9, 35 NS ACCESS TIME	B72828
(SEE DWG)	5962-8868303	STATIC RAM, 8K X 9, 25 NS ACCESS TIME	B72828
(SEE DWG)	5962-8959801	STATIC RAM, 128K X 8, LOW-POWER, 120 NS ACCESS TIME	B1048576
(SEE DWG)	5962-8959802	STATIC RAM, 128K X 8, LOW-POWER, 100 NS ACCESS TIME	B1048576
(SEE DWG)	5962-8959803	STATIC RAM, 128K X 8, LOW-POWER, 85 NS ACCESS TIME	B1048576
(SEE DWG)	5962-8959804	STATIC RAM, 128K X 8, LOW-POWER, 70 NS ACCESS TIME	B1048576
(SEE DWG)	5962-8868101	STATIC RAM, 64K X 4, 35 NS ACCESS TIME	B262144
(SEE DWG)	5962-8868102	STATIC RAM, 64K X 4, 45 NS ACCESS TIME	B262144
(SEE DWG)	5962-8868103	STATIC RAM, 64K X 4, 55 NS ACCESS TIME	B262144
(SEE DWG)	5962-8868104	STATIC RAM, 64K X 4, 70 NS ACCESS TIME	B262144
(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

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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, MULTIPORT 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	8576
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 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)	5962-8852501	PROM, ELECTR. ERASABLE, 32K X 8, 350 NS ACCESS TIME	B262144
(SEE DWG)	5962-8852502	PROM, ELECTR. ERASABLE, 32K X 8, 300 NS ACCESS TIME	B262144
(SEE DWG)	5962-8852503	PROM, ELECTR. ERASABLE, 32K X 8, 250 NS ACCESS TIME	B262144
(SEE DWG)	5962-8852504	PROM, ELECTR. ERASABLE, 32K X 8, 200 NS ACCESS TIME	B262144
(SEE DWG)	5962-8852505	PROM, ELECTR. ERASABLE, 32K X 8, 250 NS ACCESS TIME	B262144
(SEE DWG)	5962-8852506	PROM, ELECTR. ERASABLE, 32K X 8, 150 NS ACCESS TIME	B262144
(SEE DWG)	5962-8852507	PROM, ELECTR. ERASABLE, 32K X 8, 150 NS ACCESS TIME	B262144
(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	B16384
(SEE DWG)	5962-8752902	PROM, REGISTERED UV ERASABLE, 2K X 8, 35 NS SETUP TIME	B16384
(SEE DWG)	5962-8765003	PROM, UV ERASABLE, 2K X 8, 35 NS ACCESS TIME	B16384
(SEE DWG)	5962-8765004	PROM, UV ERASABLE, 2K X 8, 45 NS ACCESS TIME	B16384
(SEE DWG)	5962-8751401	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751402	PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751403	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751404	PROM, ELECTR. ERASABLE, 8K X 8, 200 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751405	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751406	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751407	PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751408	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751409	PROM, ELECTR. ERASABLE, 8K X 8, 200 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751410	PROM, ELECTR. ERASABLE, 8K X 8, 120 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751411	PROM, ELECTR. ERASABLE, 8K X 8, 90 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751412	PROM, ELECTR. ERASABLE, 8K X 8, 70 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751413	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751414	PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751415	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751416	PROM, ELECTR. ERASABLE, 8K X 8, 200 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751417	PROM, ELECTR. ERASABLE, 8K X 8, 150 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751418	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751419	PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751420	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751421	PROM, ELECTR. ERASABLE, 8K X 8, 200 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751422	PROM, ELECTR. ERASABLE, 8K X 8, 150 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751423	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751424	PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751425	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751426	PROM, ELECTR. ERASABLE, 8K X 8, 200 NS ACCESS TIME	B65536
(SEE DWG)	5962-8751427	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	B65536
(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	B32768
(SEE DWG)	5962-8873501	PROM, UV ERASABLE, 2K X 8 REGISTERED, 45 NS ACCESS TIME	B16384
(SEE DWG)	5962-8873502	PROM, UV ERASABLE, 2K X 8 REGISTERED, 35 NS ACCESS TIME	B16384
(SEE DWG)	5962-8873503	PROM, UV ERASABLE, 2K X 8, REGISTERED, 35 NS ACCESS TIME	B16384
(SEE DWG)	5962-8873504	PROM, UV ERASABLE, 2K X 8, REGISTERED, 25 NS ACCESS TIME	B16384
(SEE DWG)	5962-8867601	PROM, ELECTR. ERASABLE, 2K X 8, 90 NS ACCESS TIME	B16384

See 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
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, ELECTR. ERASABLE, 16-INPUT 8-OUTPUT AND-OR, 30 NS ACCESS TIME	N
16V8A	5962-8983902	PROG. ARRAY LOGIC, ELECTR. ERASABLE, 16-INPUT 8-OUTPUT AND-OR, 20 NS ACCESS TIME	N
16V8A	5962-8983903	PROG. ARRAY LOGIC, ELECTR. ERASABLE, 16-INPUT 8-OUTPUT AND-OR, 15 NS ACCESS TIME	N
PAL16L8-15	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

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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

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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)	B8192
27S37	5962-8670603	PROM, REGISTERED, 1K X 8, WITH PROGRAMMABLE INITIALIZE (SYNCHRONOUS)	B8192
27S37A	5962-8670604	PROM, REGISTERED, 1K X 8, WITH PROGRAMMABLE INITIALIZE (SYNCHRONOUS)	B8192
27S45	5962-8552701	PROM, REGISTERED, 2K X 8, WITH PROGRAMMABLE INITIALIZE (ASYNCHRONOUS)	B16384
27S45A	5962-8552702	PROM, REGISTERED, 2K X 8, WITH PROGRAMMABLE INITIALIZE (ASYNCHRONOUS)	B16384
27S47	5962-8552703	PROM, REGISTERED, 2K X 8, WITH PROGRAMMABLE INITIALIZE (SYNCHRONOUS)	B16384
27S47A	5962-8552704	PROM, REGISTERED, 2K X 8, WITH PROGRAMMABLE INITIALIZE (SYNCHRONOUS)	B16384
27C512	5962-8764801	PROM, UV ERASABLE, 64K X 8, 150 NS ACCESS TIME	B524288
27C512	5962-8764802	PROM, UV ERASABLE, 64K X 8, 200 NS ACCESS TIME	B524288
27C512	5962-8764803	PROM, UV ERASABLE, 64K X 8, 250 NS ACCESS TIME	B524288
27C512	5962-8764804	PROM, UV ERASABLE, 64K X 8, 120 NS ACCESS TIME	B524288
27512-20	5962-8513505	PROM, UV ERASABLE, 64K X 8, 200 NS ACCESS TIME	B524288
27512-25	5962-8513501	PROM, UV ERASABLE, 64K X 8, 250 NS ACCESS TIME	B524288
27512-30	5962-8513503	PROM, UV ERASABLE, 64K X 8, 300 NS ACCESS TIME	B524288
27512-35	5962-8513502	PROM, UV ERASABLE, 64K X 8, 350 NS ACCESS TIME	B524288
27512-45	5962-8513504	PROM, UV ERASABLE, 64K X 8, 450 NS ACCESS TIME	N524288
2764-150	8200506	PROM, UV ERASABLE, 8K X 8, 150 NS ACCESS TIME	B65536
2764A-20	8200505	PROM, UV ERASABLE, 8K X 8, 200 NS ACCESS TIME	B65536
27C64-200	27503	PROM, UV ERASABLE, 8K X 8, 200 NS ACCESS TIME	B65536
2764-200	8200507	PROM, UV ERASABLE, 8K X 8, 200 NS ACCESS TIME	B65536
2764A-25	8200504	PROM, UV ERASABLE, 8K X 8, 250 NS ACCESS TIME	B65536
27C64-250	27502	PROM, UV ERASABLE, 8K X 8, 250 NS ACCESS TIME	B65536
2764-250	8200502	PROM, UV ERASABLE, 8K X 8, 250 NS ACCESS TIME	B65536
2764A-35	8200503	PROM, UV ERASABLE, 8K X 8, 350 NS ACCESS TIME	B65536
27C64-350	27501	PROM, UV ERASABLE, 8K X 8, 350 NS ACCESS TIME	B65536
2764-450	8200501	PROM, UV ERASABLE, 8K X 8, 450 NS ACCESS TIME	B65536
27C64-90	8510204	PROM, UV ERASABLE, 8K X 8, 90 NS ACCESS TIME	B65536
X2816A-25	22704	PROM, ELECTR. ERASABLE, 2K X 8	B16384
28C256-150	26105	PROM, ELECTR. ERASABLE, 32K X 8, 150 NS ACCESS TIME	B262144
28C256-150	26111	PROM, ELECTR. ERASABLE, 32K X 8, 150 NS ACCESS TIME	B262144
28C256-200	26110	PROM, ELECTR. ERASABLE, 32K X 8, 200 NS ACCESS TIME	B262144
28C256-250	26106	PROM, ELECTR. ERASABLE, 32K X 8, 250 NS ACCESS TIME	B262144
28C256-250	26109	PROM, ELECTR. ERASABLE, 32K X 8, 250 NS ACCESS TIME	B262144
28C256-250	26112	PROM, ELECTR. ERASABLE, 32K X 8, 250 NS ACCESS TIME	B262144
28C256-300	26108	PROM, ELECTR. ERASABLE, 32K X 8, 300 NS ACCESS TIME	B262144
28C256-350	26107	PROM, ELECTR. ERASABLE, 32K X 8, 350 NS ACCESS TIME	B262144
X2864A-25	22804	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	B65536
X2864A-25	22806	PROM, ELECTR. ERASABLE, 8K X 8, 250 NS ACCESS TIME	B65536
X2864A-30	22803	PROM, ELECTR. ERASABLE, 8K X 8, 300 NS ACCESS TIME	B65536
X2864A-35	22802	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	B65536
X2864A-35	22805	PROM, ELECTR. ERASABLE, 8K X 8, 350 NS ACCESS TIME	B65536
X2864A-45	22801	PROM, ELECTR. ERASABLE, 8K X 8, 450 NS ACCESS TIME	B65536
29621	20805	PROM, 512 X 8, WITH THREE-STATE OUTPUTS	B4096
29671	21103	PROM, 4K X 8, TS, 70 NS ACCESS TIME	B32768
53S1680	21001	PROM, 2K X 8, WITH OPEN-COLLECTOR OUTPUTS	B16384
5348-1	20804	PROM, 512 X 8, WITH OPEN-COLLECTOR OUTPUTS	B4096
5349-1	20805	PROM, 512 X 8, WITH THREE-STATE OUTPUTS	B4096
54S472	20805	PROM, 512 X 8, WITH THREE-STATE OUTPUTS	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 <u>1/</u>
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
932450	20903	PROM, 1K X 8, WITH OPEN-COLLECTOR OUTPUTS, 90 NS ACCESS TIME	B8192
93459	50202	PROG. ARRAY LOGIC, 16X48X8	G104
932460	20906	PROM, 1K X 8, WITH OPEN-COLLECTOR OUTPUTS, 90 NS ACCESS TIME	B8192
932461	20905	PROM, 1K X 8, WITH THREE-STATE OUTPUTS, 90 NS ACCESS TIME	B8192
932510	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	B256
(SEE DWG)	5962-8952302	FIFO MEMORY, 64 X 4, 15 MHZ	B256
(SEE DWG)	5962-8952303	FIFO MEMORY, 64 X 4, 25 MHZ	B256
(SEE DWG)	5962-8952304	FIFO MEMORY, 64 X 4, 35 MHZ	B256
(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, TRANSCEIVER	N
(SEE DWG)	5962-8869204	MULTIPLEXED TERMINAL, MIL-STD-1553, BC/RTU/MT, TRANSCEIVERLESS	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
MXB68000-8	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
28030A	5962-8551801	COMMUNICATIONS CONTROLLER, SERIAL, 6.0 MHZ	N
28030	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
28036A	8551701	COUNTER/TIMER AND PARALLEL I/O UNIT, 6.0 MHZ	N
28036	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
28420A	8418601	I/O CONTROLLER, PARALLEL, 4.0 MHZ	N
28420	8418602	I/O CONTROLLER, PARALLEL, 2.5 MHZ	N

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

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1/
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

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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, WITH AGC	T1
OP-17A	5962-8770601	OP AMP, JFET-INPUT (INTERNAL COMPENSATED)	N
OP-17B	5962-8770602	OP AMP, JFET-INPUT (INTERNAL 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
OP2158	5962-8853802	OP AMP, DUAL PRECISION JFET-INPUT	N
OP2158R	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

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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

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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. COMPARATOR, DUAL	N
LM111	5962-8687701	VOLT. COMPARATOR/BUFFER, PRECISION	T23
LM119	8601401	VOLT. COMPARATOR, DUAL HIGH-SPEED	N
LT119A	8601402	VOLT. COMPARATOR, DUAL HIGH-SPEED	N
LM139	7700801	VOLT. COMPARATOR, QUAD	T32
LM139A	5962-8773901	VOLT. COMPARATOR, QUAD	N
LM160	5962-8767401	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	N
LM161	5962-8757203	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	N
TLC372	5962-8765801	VOLT. COMPARATOR, DUAL DIFFERENTIAL	T2
TLC374	5962-8765901	VOLT. COMPARATOR, QUAD DIFFERENTIAL	T4
CMP404A	5962-8990401	VOLT. COMPARATOR, QUAD, LOW-POWER PRECISION	N
CMP404B	5962-8990402	VOLT. COMPARATOR, QUAD, LOW-POWER PRECISION	N
TL514	5962-8687801	VOLT. COMPARATOR, DUAL DIFFERENTIAL	T2
S21	5962-8751601	VOLT. COMPARATOR, DUAL DIFFERENTIAL	N
S27	5962-8757201	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED, WITH EMITTER-FOLLOWER INPUT	N
529	5962-8757202	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	N
54LS682	8415101	MAGNITUDE COMPARATOR, 8-BIT	G18
54LS684	8415201	MAGNITUDE COMPARATOR, 8-BIT	G18
54LS688	8415301	MAGNITUDE COMPARATOR, 8-BIT, WITH OUTPUT ENABLE	G26
6685	8600803	VOLT. COMPARATOR, HIGH-SPEED, OPEN-EMITTER OUTPUT	N
AM6687	7801902	VOLT. COMPARATOR, DUAL	N
685	8600801	VOLT. COMPARATOR, HIGH-SPEED, OPEN-EMITTER OUTPUT	N
685	8600802	VOLT. COMPARATOR, HIGH-SPEED, OPEN-EMITTER OUTPUT	N
AM686	7801801	VOLT. COMPARATOR, HIGH-SPEED	N
AM687	7801901	VOLT. COMPARATOR, DUAL	N
760	5962-8754501	VOLT. COMPARATOR, DIFFERENTIAL, HIGH-SPEED	N
96685	8600804	VOLT. COMPARATOR, HIGH-SPEED, OPEN-EMITTER OUTPUT	N
AD96687	7801903	VOLT. COMPARATOR, DUAL	N
Regulators 12			
(SEE DWG)	5962-8864601	VOLT. REGULATOR, ADJ., POSITIVE, 2.0A	N
(SEE DWG)	5962-8952101	VOLT. REGULATOR, ADJ., POSITIVE, 5.0A	N
(SEE DWG)	5962-8952001	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

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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/DEMODULATOR, 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
10516	7800901	LINE RECEIVER, TRIPLE DIFFERENTIAL, WITH COMMON RESET	N
10H516	5962-8750201	LINE RECEIVER, TRIPLE	T4
LT1080	5962-8766601	BUS TRANSCEIVER, DUAL RS232, WITH SHUTDOWN	N
LT1081	5962-8766602	BUS TRANSCEIVER, DUAL RS232	N
MOF1305D	5962-8858301	NTDS FAST DRIVER, HEX	N
NHI-1500	5962-8757905	BUS TRANSCEIVER, DUAL CHANNEL, LOW-POWER	N

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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

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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

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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			
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 TRANSCIEVER, 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

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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

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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
ICL7667	5962-8766001	DRIVER, MOSFET, DUAL POWER	T2
78C120	5962-8963001	LINE DRIVER, DUAL DIFFERENTIAL, CMOS-COMPATIBLE	N
7831	10406	LINE DRIVER/RECEIVER, DUAL DIFFERENTIAL, W/OUTPUT DIODE CLAMPING	G60
7832	10407	LINE DRIVER/RECEIVER, DUAL DIFFERENTIAL	G60
82C82	8406701	BUS DRIVER, LATCHING, OCTAL	N
82C83	8406702	BUS DRIVER, LATCHING INVERTING, OCTAL	N
82C84A	8406801	CLOCK GENERATOR/DRIVER, 25 MHZ	N
8286	5962-8686801	BUS TRANSCEIVER, OCTAL, NONINVERTING	G18
82C86H-5	5962-8757701	BUS TRANSCEIVER, OCTAL	T18
8287	5962-8686802	BUS TRANSCEIVER, OCTAL, INVERTING	G18
82C87H-5	5962-8757702	BUS TRANSCEIVER, OCTAL, INVERTING	T18
88C681	5962-8953201	BUS TRANSCEIVER, DUAL ASYNCHRONOUS	N
88C681	5962-8953202	BUS TRANSCEIVER, DUAL ASYNCHRONOUS	N
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 ±5V OUTPUT	N
DAC-HPB-1	5962-8953102H	D/A CONVERTER, 16-BIT, ±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 II. 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 LS8	N
7549T	5962-8876502	D/A CONVERTER, DUAL 12-BIT, ± 0.5 LS8	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
CSS012	5962-8967901	A/D CONVERTER, 12-BIT	N
CSS014-S	5962-8967401	A/D CONVERTER, 14-BIT, $14.25 \mu s$	N
CSS014-T	5962-8967402	A/D CONVERTER, 14-BIT, $14.25 \mu s$	N
CSS016-S	5962-8967601	A/D CONVERTER, 16-BIT, $16.25 \mu s$	N
CSS016-T	5962-8967602	A/D CONVERTER, 16-BIT, $16.25 \mu s$	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 10 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 II. Standardization Candidates and Compliant Standardized Military Drawings - Continued.

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/ OVERTVOLTAGE PROTECT	N
508	7705201	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL	N
508A	7705202	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERTVOLTAGE PROTECTION	N
509A	5962-8513103	ANALOG MULTIPLEXER/DEMULTIPLEXER, DIFFERENTIAL 4-CHANNEL, WITH OVERTVOLTAGE PROTE	N
IH5108	7705203	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL, WITH OVERTVOLTAGE PROTECTION	N
IH5116	5962-8513104	ANALOG MULTIPLEXER/DEMULTIPLEXER, 16-CHANNEL, WITH OVERTVOLTAGE 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 OVERTVOLTAGE PROTE	N
IH5216	5962-8513105	ANALOG MULTIPLEXER/DEMULTIPLEXER, 8-CHANNEL DIFFERENTIAL, WITH OVERTVOLTAGE 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, PRECISION, +10V ADJUSTABLE OUTPUT	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
LN185-1.2	5962-8759401	VOLT. REFERENCE DIODE	N
LN185BX1.2	5962-8759403	VOLT. REFERENCE DIODE	N
LN185BY1.2	5962-8759405	VOLT. REFERENCE DIODE	N
LN185-2.5	5962-8759402	VOLT. REFERENCE DIODE	N
LN185BX2.5	5962-8759404	VOLT. REFERENCE DIODE	N
LN185BY2.5	5962-8759406	VOLT. REFERENCE DIODE	N
LN199A	12401	VOLT. REFERENCE, PRECISION	T19
LN199	12404	VOLT. REFERENCE, PRECISION	T19
LN199A	5962-8856101	VOLT. REFERENCE, PRECISION	T19
LN199	5962-8856102	VOLT. REFERENCE, PRECISION	T19
LN199A-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, $\pm 10.000V$	N
2702U	8503004	VOLT. REFERENCE, PRECISION, $\pm 10.000V$	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 HLD 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-4860X04	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	5962-8767701	SAMPLE AND HOLD AMPLIFIER	N
5537	12502	SAMPLE AND HOLD AMPLIFIER	N
AD585	5962-8754001	SAMPLE AND HOLD AMPLIFIER, HIGH-SPEED	N
HS9716	5962-8956601H	SAMPLE AND HOLD AMPLIFIER, 16-BIT	N
Hybrid 22			
SDC14500-635	5962-9070701H	SYNCHRO-TO-DIGITAL CONVERTER, 400 HZ, 11.8V	N
SDC14500-636	5962-9070702H	SYNCHRO-TO-DIGITAL CONVERTER, 400 HZ, 11.8V	N
SDC14502-605	5962-9070703H	SYNCHRO-TO-DIGITAL CONVERTER, 60 HZ, 90V	N
SDC14502-606	5962-9070704H	SYNCHRO-TO-DIGITAL CONVERTER, 60 HZ, 90V	N
2452	5962-8753502	REMOTE TERMINAL UNIT, DUAL REDUNDANT	N
6N140A	8302401	OPTOCOUPLER, 4-CHANNEL	N
HS9403-16	5962-8851402	DATA ACQUISITION SYSTEM, 12-BIT	N
HS9403-8	5962-8851401	DATA ACQUISITION SYSTEM, 12-BIT	N
Other digital devices 23			
BFRP10	63001	FFT PROCESSOR, 20 MHZ	N
12540	5962-8775201	PHASE/FREQUENCY DETECTOR	T5
14490A	5962-8764601	CONTACT BOUNCE ELIMINATOR, HEX	N
UT1553BCRTMP	5962-8950101	REMOTE TERMINAL INTERFACE, MIL-STD-1553B	N
UT1553BRTR	5962-8957601	REMOTE TERMINAL INTERFACE, WITH 1K X 16 RAM	N
UT1760ARTS	5962-8957501	REMOTE TERMINAL FOR STORES WITH 1K X 16 RAM	N
UT1760RTS	5962-8957501	REMOTE TERMINAL FOR STORES WITH 1K X 16 RAM	N
TMC2023V	5962-8971101	OUTPUT CORRELATOR, DIGITAL, 64-BIT, 25 MHZ	N
TMC2023V1	5962-8971102	OUTPUT CORRELATOR, DIGITAL, 64-BIT, 30 MHZ	N
HCPL-5501	5962-9085401H	OPTOCOUPLER, SINGLE CHANNEL, TRANSISTOR OUTPUT	N
68154	5962-8857201	INTERRUPT GENERATOR	N
68155	5962-8866601	INTERRUPT HANDLER	N
Analog circuit functions 24			
LT1054M	5962-8956201	VOLTAGE CONVERTER, SWITCHED CAPACITOR, WITH REGULATOR	N
LTC1060A	5962-8864101	FILTER, UNIVERSAL DUAL	N
HSD1066-341H	5962-8949901	SYNCHRO-TO-DIGITAL CONVERTER, 11.8V, 400 HZ, 2.0	N
		MINUTES ACCURACY	N
HSD1066-341V	5962-8949902	SYNCHRO-TO-DIGITAL CONVERTER, 11.8V, 400 HZ, 1.0 MINUTE	N
		ACCURACY	N
HSD1066-381H	5962-8949903	SYNCHRO-TO-DIGITAL CONVERTER, 11.8V, 400 HZ, 2.0	N
		MINUTES ACCURACY	N
LM131A	5962-8760701	VOLT.-TO-FREQUENCY CONVERTER	N
1543	5962-8774001	POWER SUPPLY OUTPUT SUPERVISORY CIRCUIT	N
1544	5962-8774002	POWER SUPPLY OUTPUT SUPERVISORY CIRCUIT	N
1596	5962-8857101	MODULATOR/DEMODULATOR, BALANCED	N
UC1637	5962-8995701	CONTROLLER, SWITCHED-MODE, FOR DC MOTOR DRIVE	N
TSC170	5962-8963801	CURRENT MODE CONTROLLER, CMOS	N
TSC171	5962-8963802	CURRENT MODE CONTROLLER, CMOS	N
UC1901	5962-8944101	FEEDBACK GENERATOR, ISOLATED	N
UC1903	5962-8869701	SUPPLY AND LINE MONITOR, QUAD	N
LM194	5962-8777701	TRANSISTOR ARRAY, MATCHED PAIR	N
LM195	5962-8777801	TRANSISTOR ARRAY, POWER	N
EL2003	5962-8962301	LINE DRIVER, VIDEO	N
EL2004	5962-8965901	BUFFER, FET	N
EL2020	5962-8962001	CURRENT FEEDBACK 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/
Analog circuit functions 24 - Continued			
EL2030	5962-9081801H	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	T52
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
IHS352	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
H18282	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 (≤ 1,000 GATES)	N
(SEE SPEC)	60702	GATE ARRAY (≤ 2,000 GATES)	N
(SEE SPEC)	60703	GATE ARRAY (≤ 3,000 GATES)	N
(SEE SPEC)	60704	GATE ARRAY (≤ 4,000 GATES)	N
(SEE SPEC)	60705	GATE ARRAY (≤ 5,000 GATES)	N
(SEE SPEC)	60706	GATE ARRAY (≤ 6,000 GATES)	N
(SEE SPEC)	60707	GATE ARRAY (≤ 7,000 GATES)	N
(SEE SPEC)	60709	GATE ARRAY (≤ 9,000 GATES)	N
(SEE SPEC)	60710	GATE ARRAY (≤ 10,000 GATES)	N
(SEE SPEC)	60712	GATE ARRAY (≤ 12,000 GATES)	N
(SEE SPEC)	60713	GATE ARRAY (≤ 15,000 GATES)	N
(SEE SPEC)	60714	GATE ARRAY (≤ 25,000 GATES)	N
(SEE SPEC)	60715	GATE ARRAY (≤ 35,000 GATES)	N
(SEE SPEC)	60716	GATE ARRAY (≤ 45,000 GATES)	N
(SEE SPEC)	60717	GATE ARRAY (≤ 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	
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	
401068	/17702	HEX INVERTER, SCHMITT TRIGGER	G6	
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	
4023B	/05053	NAND GATE, TRIPLE 3-INPUT	G24	7901401
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	
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	
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	
4093B	7704601	NAND GATE, QUAD 2-INPUT, WITH SCHMITT TRIGGERS	G4	/53001
4093B	7704602	NAND GATE, QUAD 2-INPUT, WITH SCHMITT TRIGGERS	G4	/53001
461068	5962-8550101	HEX INVERTER, SCHMITT TRIGGER	G6	
4973B	/17003	AND GATE, TRIPLE 3-INPUT	N	
54S00	/07001	NAND GATE, QUAD 2-INPUT	G4	
54H00	/02304	NAND GATE, QUAD 2-INPUT	G4	
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
MIC935	/03002	HEX INVERTER	G6	
936	/03003	HEX INVERTER	G6	/30004
MIC940	/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 OR DRIVER, QUAD 2-INPUT	N	
54AS1032A	5962-8873001	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS	N	
54AC11240	5962-8755002	BUFFER/DRIVER, OCTAL, INVERTING, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE	G10	
54ACT11240	5962-8775902	BUFFER/DRIVER, OCTAL, NONINVERTING, WITH THREE-STATE OUTPUTS	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	
4013B	/05151	FLIP-FLOP, D-TYPE, DUAL	G24	7901101
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	
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	
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	7705101
4528B	7704502	RETRIGGERABLE/RESETTABLE MONOSTABLE MULTIVIBRATOR, DUAL	G20	
54H103	/02206	FLIP-FLOP, JK, DUAL	G12	
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	/34105
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	
54ACT11534	5962-8965802	FLIP-FLOP, D-TYPE, OCTAL, WITH THREE-STATE OUTPUTS, TTL-COMPATIBLE INPUTS	N	/30106
54116	/01503	LATCH, DUAL 4-BIT	G56	
54121	/01201	MULTIVIBRATOR, MONOSTABLE	G8	
54122	/01202	MULTIVIBRATOR, MONOSTABLE RETRIGGERABLE	G10	7600301
54123	/01203	MULTIVIBRATOR, DUAL MONOSTABLE RETRIGGERABLE	G20	7603901

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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/DEMULTIPLEXER, DUAL 1-TO-4-LINE	G34	
4555B	7704701	DECODER/DEMULTIPLEXER, DUAL 1-TO-4-LINE	G34	

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count 1	Preferred devices
Combinational gates 4 - Continued				
45568	/17305	DECODER/DEMULTIPLEXER, DUAL 1-TO-4-LINE	G26	8409401
45568	7704801	DECODER/DEMULTIPLEXER, DUAL 1-TO-4-LINE	G26	8409401
45858	7703702	MAGNITUDE COMPARATOR, 4-BIT	G31	
54S138	/07701	DECODER/DEMULTIPLEXER, 3-LINE-TO-8-LINE	G16	/33601
54S138	7604101	DECODER/DEMULTIPLEXER, 3-LINE-TO-8-LINE	G16	/33601
54S139	/07702	DECODER/DEMULTIPLEXER, DUAL 2-TO-4-LINE	G18	/33501
54S139	7700401	DECODER/DEMULTIPLEXER, 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	

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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	
29C921	5962-8851603	REGISTER, BUS INTERFACE, 10-WIDE, HIGH PERFORMANCE	G52	/34901
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	

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TABLE III. Logistics or continuous replacement only - Continued.

Generic/ industry number	Standard Part Identification Number	Circuit description	Gate, bit, transistor count ¹	Preferred devices
Sequential registers/counters 5 - Continued				
40768	/17501	SHIFT REGISTER, D-TYPE, 4-BIT	G52	
40948	7702501	SHIFT REGISTER/LATCH, 8-STAGE, THREE-STATE OUTPUTS	G132	
45208	7702301	BINARY COUNTER, DUAL UP/DOWN	G80	
45578	7901601	SHIFT REGISTER, 1-TO-64 BIT	N	
54160	/01303	DECade COUNTER, 4-BIT SYNCHRONOUS BCD	G60	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	
93L28	/02803	REGISTER, 16-BIT	G72	/34303
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	
(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	

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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	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	Preferred devices
ROM/PROM/PAL 7 - Continued				
PAL16A4	8103606	PROG. ARRAY LOGIC, 16-INPUT 4-OUTPUT REGISTERED AND-CARRY-OR EXCLUSIVE OR PROM, UV ERASABLE, 32K X 8	N	
27C256-200	/27602	PROM, UV ERASABLE, 32K X 8, 250 NS ACCESS TIME	B262144	
27C256-250	/27601	PROM, UV ERASABLE, 32K X 8, 300 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	82021:3
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	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	5962-8688801	LINE RECEIVER, QUAD	T3	
55450	/12901	PERIPHERAL DRIVER, DUAL NMOS	G10	8200903
55460	/12906	PERIPHERAL DRIVER, DUAL NMOS	G10	
BUS-63105	5962-8604901	DRIVER-RECEIVER, SINGLE CHANNEL (INTERFACES WITH MANCHESTER ENCODER-DECODER)	N	
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	/12705	D/A CONVERTER, 10-BIT	N	
1218	/12707	D/A CONVERTER, 12-BIT	N	
1220	/12706	D/A CONVERTER, 12-BIT	N	
AD558T	5962-8778901	D/A CONVERTER, 8-BIT, WITH FULL MICROPROCESSOR INTERFACE	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/DEMULTIPLEXER, FOUR-POLE, DOUBLE-THROW	N	
DG180A	5962-8767301	ANALOG SWITCH, DUAL SPST	N	
4016A	/05801	ANALOG SWITCH, QUAD	G4	/11104
4016B	/05851	ANALOG SWITCH, SPST, 4-CHANNEL	G4	
4052B	7901501	ANALOG MULTIPLEXER/DEMULTIPLEXER, DIFFERENTIAL 4-CHANNEL	N	
4053B	8101801	ANALOG MULTIPLEXER/DEMULTIPLEXER, TRIPLE 2-CHANNEL	N	
4066A	/05802	ANALOG SWITCH, SPST, 4-CHANNEL	G4	5962-8956801
4066B	/05852	ANALOG SWITCH, SPST, 4-CHANNEL	G4	

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	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 LM103H-2.0 LM103H-2.2 LM103H-2.4 LM103H-2.7 LM103H-3.0 LM103H-4.7 LM103H-5.1 LM103H-5.6 AD587UQ	7702801 7702802 7702803 7702804 7702805 7702806 7702811 7702812 7702813 5962-8982503	VOLT. REFERENCE, 1.8V VOLT. REFERENCE, 2.0V VOLT. REFERENCE, 2.2V VOLT. REFERENCE, 2.4V VOLT. REFERENCE, 2.7V VOLT. REFERENCE, 3.0V VOLT. REFERENCE, 4.7V VOLT. REFERENCE, 5.1V VOLT. REFERENCE, 5.6V VOLT. REFERENCE, 10V	N N N N N N N N N 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	N	
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	
56154	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	
54L157	04603	DATA SEL/MUX, QUAD 2-INPUT, WITH ENABLE	G19	
54L42	02901	DECODER, BCD-TO-DECIMAL	G18	
54L43	02902	DECODER, EXCESS-3-TO-DECIMAL	G18	
5443	01002	DECODER, EXCESS-3-TO-DECIMAL	G18	
54L44	02903	DECODER, EXCESS-3-GRAY-TO-DECIMAL	G18	
5444	01003	DECODER, EXCESS-3-GRAY-TO-DECIMAL	G18	
54L46	02904	DISPLAY DECODER, BCD-TO-7-SEGMENT	G44	
54L47	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/MUX, 4-TO-1-LINE	G16	
9311	15201	DECODER, 4-TO-16-LINE	G21	
93L12	04602	DATA SEL/MUX, 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/MUX, 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	MULTIPORT 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	
HROM-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	
MCM5303	20101	PROM, 64 X 8, WITH OPEN-COLLECTOR OUTPUTS	B512	
MCM5304	20102	PROM, 64 X 8	B512	
IM5603A	20201	PROM, 256 X 4	B1024	
IM5623	20202	PROM, 256 X 4	B1024	
6654	21901	PROM, UV ERASABLE, 512 X 8	B4096	
6831B	40301	STATIC ROM, 2K X 8, WITH THREE-STATE OUTPUTS	B16384	
68A316E	40301	STATIC ROM, 2K X 8, WITH THREE-STATE OUTPUTS	B16384	
9218	40301	STATIC ROM, 2K X 8, WITH THREE-STATE OUTPUTS	B16384	
Microprocessors and interface peripherals/FIFO 8				
MPY008HC2V	50004	MULTIPLIER, 8-BIT PARALLEL	N	
KPY012HC1V	50005	MULTIPLIER, 12-BIT PARALLEL	N	
KPY016HC1V	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	
Z80API0	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-80S10/2	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	Micro- circuit group	Radi- ation level	NATO
			3/ 4/	5/	6/			
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			-	
SEE SPEC	/60608		1 25 3	A 1 04/21/88			-	
SEE SPEC	/60611		1 25 3	A 1 04/21/88			-	
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		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		123	F	
SEE SPEC	/60507		2 25 3	A 2 02/26/88		123	F	
SEE SPEC	/60508		2 25 3	A 2 02/26/88		123	FF	
SEE SPEC	/60509		2 25 3	A 2 02/26/88		123	FF	
SEE SPEC	/60510		2 25 3	A 2 02/26/88		123	FFF	
SEE SPEC	/60511		2 25 3	A 2 02/26/88		123	FFF	
SEE SPEC	/60512		2 25 3	A 2 02/26/88	B1 S2	123	FFF	
SPE	/62001		2 8 7	12/21/87	B1	105	L	
SPE	/62002		2 8 7	12/21/87		105	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		
SEE SPEC	/60517		2 25 3	A 2 02/26/88		123		
SEE SPEC	/60601		2 25 3	A 1 04/21/88			F	
SEE SPEC	/60602		2 25 3	A 1 04/21/88			F	
SEE SPEC	/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			-	
SEE SPEC	/60615		2 25 3	A 1 04/21/88			-	
SEE SPEC	/60616		2 25 3	A 1 04/21/88			-	
SEE SPEC	/60617		2 25 3	A 1 04/21/88			-	
SEE SPEC	/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	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
(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		

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	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
(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 P	P
(SEE DWG)		8403603	2 6 3	/ /			-	-
(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	/ /			-	-
(SEE DWG)		5962-8770301	2 6 12	/ /			P	-
(SEE DWG)		5962-8770303	2 6 12	/ /			P	-
(SEE DWG)		5962-8764901	2 7 7	/ /			P	-
(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				

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 <u>2/</u>	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
					<u>3/ 4/</u>	<u>5/</u>	<u>6/</u>	
(SEE DWG)		8202509	2 7 7		/ /			-
(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		/ /	47		-
(SEE DWG)		7802206	2 7 7		/ /	47		-
(SEE DWG)		7802207	2 7 7		/ /	47		-
(SEE DWG)		7802208	2 7 7		/ /	47		-
(SEE DWG)		7802209	2 7 7		/ /	47		-
(SEE DWG)	/21101	8200802	2 7 5	04/01/87		14	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)		8102403	2 6 3		/ /		P	-
(SEE DWG)		8102404	2 6 3		/ /			-
(SEE DWG)	/24501	8102405	2 6 3	A 01/28/87				-
(SEE DWG)	/24502	8102406	2 6 3	A 01/28/87	B1			-
(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		/ /	41		-
(SEE DWG)		5962-8751303	2 6 3		/ /			-
(SEE DWG)		5962-8751304	2 6 3		/ /			-
(SEE DWG)		5962-8751305	2 6 3		/ /	41		-
(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		/ /			-

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	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
(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	/ /			-	
(SEE DWG)		5962-8687501	2 6 3	/ /			F	
(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	/ /			-	
(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)		5962-8601503	2 6 3	/ /			-	
(SEE DWG)		5962-8601504	2 6 3	09/30/87	41		-	
(SEE DWG)		5962-8601505	2 6 3	/ /			-	
(SEE DWG)		5962-8601506	2 6 3	09/30/87	41		-	
(SEE DWG)		5962-8601507	2 6 3	/ /			-	
(SEE DWG)		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	/ /			P	
(SEE DWG)		5962-8851803	2 7 3	/ /			-	
(SEE DWG)		5962-8685901	2 6 3	/ /			-	
(SEE DWG)		5962-8685902	2 6 3	/ /			-	
(SEE DWG)		5962-8685903	2 6 3	/ /			-	
(SEE DWG)		5962-8685904	2 6 3	/ /			-	

See 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	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				
(SEE DWG)	/26111	5962-8852506	2 7 3	03/27/89	B2			
(SEE DWG)		5962-8852507	2 7 3	/ /	B2			
(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	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
(SEE DWG)		8413209	2 6 3	/ /		46		-
(SEE DWG)		5962-8765003	2 7 3	/ /		F		-
(SEE DWG)		5962-8765004	2 7 3	/ /				-
(SEE DWG)		5962-8751401	2 7 3	01/06/89	B2	42		-
(SEE DWG)	/26001	5962-8751402	2 7 3	01/06/89		42		-
(SEE DWG)	/26002	5962-8751403	2 7 3	01/06/89	B2	42		-
(SEE DWG)	/26003	5962-8751404	2 7 3	01/06/89	B2	42		-
(SEE DWG)	/26004	5962-8751405	2 7 3	01/06/89	B2	42		-
(SEE DWG)	/26005	5962-8751406	2 7 3	01/06/89	B1 B2	42		-
(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	B2	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	/ /				

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
				3/ 4/	5/	6/		
(SEE DWG)		5962-8873502	2 7 3	/ /				
(SEE DWG)		5962-8873503	2 7 3	/ /				
(SEE DWG)		5962-8873504	2 7 3	/ /				
(SEE DWG)		5962-8867601	2 7 3	/ /				
(SEE DWG)		5962-8867602	2 7 3	/ /				
(SEE DWG)		5962-8867603	2 7 3	/ /				
(SEE DWG)		5962-8863401	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	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
(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	Micro- circuit group	Rad- ation level	NATO
3/ 4/	5/	6/						
(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	/ /				
(SSE 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	/ /				L
(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	-
(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	GPL status	Micro- circuit group	Rad- ation level	NATO
					3/ 4/	5/	6/	
(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		/ /			
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		/ /			
MHH0026	/03501		4 13 14	B 02/28/84		53		
ADC00300		5962-8854201	2 17 16		/ /	53		
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		/ /		53	
MPY008HC2V	/50004		4 8 1	B 08/04/86		100		
AMP-01A		5962-8863001	2 9 26		/ /			
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		/ /			
MOH02680		5962-8858101	2 13 12		/ /			
MOH0272C		5962-8858201	2 13 12		/ /			
HTC-0300	/14201		2 20 16	08/17/88		I		-
CMP048		5962-8990403	2 10 12		/ /			
HOS-050A		5962-8857901	1 9 26		/ /			
THA-05203-1	/14201		2 20 16	08/17/88		I		-
SW-068		5962-8966901	2 18 12		/ /			
HOS-060SH		5962-8857902	1 9 26		/ /			-

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 <u>2/</u>	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Radi- ation level	NATO
					3/ 4/	5/	6/	
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	/ /				F
LT1014		5962-8967702	2 9 12	/ /				P
LT1016		5962-8684501	2 10 12	/ /				P
LT1017		5962-8950401	2 10 26	/ /				P
LT1018		5962-8950402	2 10 26	/ /				P
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	Micro- circuit group	Rad- ation level	NATO
					3/ 4/	5/	6/	
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	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
10H531		5962-8756101	2 3 13	/ /				-
10535			2 3 13	B 07/15/85		31	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		5962-8756801	2 4 13	/ /			F	-
10H574		5962-8750601	2 4 13	/ /			-	-
10576	/06103		2 3 13	B 07/15/85	B1	31	F	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	/06202		2 1 13	A 06/17/85		29	F	-
10598		5962-8777301	2 3 13	/ /			-	-
LM106	/10303	8003701	3 10 12	D 06/24/88		50	L	P
LTC1060A		5962-8864101	2 24 12	/ /			-	-
10H609		5962-8756901	2 1 13	/ /			-	-
10H610		5962-8754101	2 1 13	/ /			-	-
10612		5962-8775001	2 1 13	/ /			-	-
10631	/06102		2 3 13	B 07/15/85		31	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	/10104		1 9 12	G 1 05/08/87	B1	49	F	-
PAL10H8	/50301	8103501	2 7 12	B 09/30/87		14	F	-
PAL10L8	/50306	8103506	2 7 12	B 09/30/87		14	F	-
PAL10H8A	/50310	8103510	2 7 12	B 09/30/87		14	-	-
PAL10L8A	/50315	8103514	2 7 12	B 09/30/87		14	-	-
LT1080		5962-8766601	2 13 12	/ /			-	-
LT1081		5962-8766602	2 13 12	/ /			-	-
PAL10H8A2	/50319		2 7 12	B 09/30/87		14	-	-
PAL10L8A2	/50324		2 7 12	B 09/30/87		14	-	-
LM109	/10701	5962-8777401	2 12 12	C 05/29/89	S1	52	-	-
LTC1090		5962-8983001	2 8 12	/ /			-	-
SMP-11A		5962-8954101	3 20 12	/ /			-	-
LM110	/10602	5962-8760601	2 9 12	A 4 12/21/77	S1	49	F	-
LM111	/10304	5962-8687701	2 10 12	D 06/24/88		50	-	-
LM113		5962-8671101	2 19 12	/ /			-	-
LM113-1		5962-8671102	2 19 12	/ /			-	-
LM113-2		5962-8671103	2 19 12	/ /			-	-
LM117H	/11703		1 12 12	A 3 06/11/81	B1	52	F	-
LM117K	/11704		1 12 12	A 3 06/11/81	B1	52	F	-
LM117H	/11704	7703401	2 12 12	A 3 06/11/81	B1	52	F	-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO	3/ 4/	5/	6/
									3/ 4/	5/	6/
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			F			
LM129B	/12406	5962-8992102	2 19 12	C 11/20/89				-			
LM129C		5962-8992103	2 19 12	/ /				-			
M0F13050		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	Micro- circuit group	Rad- ation level	NATO
				3/ 4/	5/	6/		
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	/ /				P
OP14A		5962-8771401	2 9 12	/ /				F
OP14B		5962-8771402	2 9 12	/ /				-
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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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
					3/ 4/	5/	6/	
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		
1532		5962-8777001	2 12 26	/ /				
1536		7800304	2 9 12	/ /			R	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		
UT15538RTI	/55501		1 23 3	06/12/87				-
UT15538B		5962-8862801	2 8 3	/ /				-
1553RTMP		5962-8864501	2 8 3	/ /				-
UT15538CRTMP	/55501	5962-8950101	2 23 3	06/12/87				-
UT15538BCRTM		5962-8957701	2 8 3	/ /				-
UT15538RTR		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				
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
LM1578		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	/ /				
OP-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	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
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		-
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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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	Micro- circuit group	Rad- ation level	NATO
				3/ 4/	5/	6/		
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				-
DG181A	/11101		1 18 20	6 01/03/79	B1	105		F
DG182A	/11102		1 18 20	6 01/03/79	B1	58		F
1821	/47101		4 6 3	A 09/30/83		58		-
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		5962D8753801	2 18 12	/ /				
1842		5962-8670401	2 12 12	/ /				-
1843		5962-8670402	2 12 12	/ /			-	
1844		5962-8670403	2 12 12	/ /			-	
1845		5962-8670404	2 12 12	/ /			-	
1846	/70201		1 12 12	09/29/89				-
UC1846	/70201	5962-8680601	2 12 12	09/29/89				-

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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 <u>2/</u>	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO	<u>3/</u>	<u>4/</u>	<u>5/</u>	<u>6/</u>
									<u>3/</u>	<u>4/</u>	<u>5/</u>	<u>6/</u>
1847	/70202	5962-8680602	2 12 12	09/29/89				-				
DG185A	/11104		1 18 20	6 01/03/79				F				
LM185-1.2		5962-8759401	2 19 12	/ /				-				
LM185BX1.2		5962-8759403	2 19 12	/ /				-				
LM185BY1.2		5962-8759405	2 19 12	/ /				-				
1852	/47301		4 8 3	A 09/30/83				-				
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					-				
1853	/47401		4 4 3	A 09/30/83				-				
1854		7901701	3 13 3					L				
1856	/47601		4 2 3	A 08/09/83				-				
1857	/47602		4 2 3	A 08/09/83				-				
DG187A	/11105		1 18 20	6 01/03/79	B1			F				
DG188A	/11106		1 18 20	6 01/03/79	B1			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			F				
UC1901		5962-8944101	2 24 12	/ /				-				
UC1903		5962-8869701	2 24 26	/ /				-				
DG191A	/11108		1 18 20	6 01/03/79				-				
LM193	/11202		1 10 12	A 2 01/27/86	B1			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				F				
LM199A	/12401	5962-8856101	2 19 12	C 11/20/89	B1			-				
LM199	/12404	5962-8856102	2 19 12	C 11/20/89	B1			-				
LM199A-20	/12405		2 19 12	C 11/20/89	B1			F				
DAC-HKB-2		5962-8952802	2 16 16	/ /				-				
200	/12301		1 18 3	A 2 09/21/82	B1			F				
OP-200A		5962-8859301	2 9 12	/ /				-				
2001	/14101		1 13 12	A 05/04/88	B1			F				
2002	/14102		1 13 12	A 05/04/88	B1			F				
2003	/14103		1 13 12	A 05/04/88	B1			F				
EL2003		5962-8962301	2 24 12	/ /				-				
2004	/14104		1 13 12	A 05/04/88	B1			F				
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			F				
201	/12302	7705301	2 18 3	A 2 09/21/82	B1			-				
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	/ /				F				
PAL20L2		5962-8680405	2 7 12	/ /				-				
EL2020		5962-8962001	2 24 12	/ /				-				
TMC2023V		5962-8971101	2 23 3	/ /				F				

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
				3/ 4/	5/	6/		
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	/ /				-
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	/ /				-
CP207		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	/ /				-
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		
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		
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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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
					3/ 4/	5/	6/	
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			1 9 12	A 09/15/89		49		-
25S09		5962-8672801	3 5 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	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
2510	/12205	5962-8671801	1 9 12 3 5 12 2 3 2 1 3 2 1 9 12	A 09/15/89 / / A 1 11/04/85 A 1 11/04/85 A 09/15/89		49	-	
25S10								
25LS174	/33106		2 3 2			10	F	
25LS175	/33107		1 3 2			10	F	
2520	/12206		1 9 12			49	-	
25S240		5962-8672401	3 2 12					
25S241		5962-8672501	3 2 12					
25S244		5962-8753601	3 2 12					
25LS2513		5962-8754201	2 4 12					
25LS2519		5962-8670201	2 5 2				-	
25LS2521		5962-8671301	2 4 2				F	
25LS299		7802402	3 5 2				-	
2532	/22201		4 7 7	A 11/14/83		47	-	
25LS399		5962-8670801	3 5 2					
HA-2541		5962-8778501	2 9 12					
OP-260A		5962-9053601	2 9 12					
2600	/12202		1 9 12	A 09/15/89	B1	49	-	
26S02		5962-8766201	3 3 5					
26S10		5962-8672001	3 13 12				-	
26S12		5962-8753401	3 13 12				-	
26S12A		5962-8753402	3 13 12				-	
2620	/12203		1 9 12	A 09/15/89	B1	49	F	
26LS29		5962-8767001	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		1 9 12	B 12/18/87	B1	49	F	
OP-270A		5962-8872101	2 9 26				-	
2700		8503001	1 19 12			01	-	
2700	/13601		2 19 12	12/06/85		01	-	
2700		8503001	2 19 12			01	-	
2700U		8503002	2 19 12			01	-	
27LS00		8602001	2 6 2				L	
27LS00A		8602002	2 6 2				-	
2700	/12201		3 9 12	A 09/15/89	B1	49	L	
27LS01		8602003	2 6 2				-	
27LS01A		8602004	2 6 2				-	
2701		8503005	2 19 12				-	
2701		8503006	2 19 12				-	
2702	/13602		2 19 12	12/06/85	S1	01	F	
2702S		8503003	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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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- iation level	NATO
				3/ 4/	5/	6/		
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	/ /			-	
TLC274		5962-9060401	2 9 12	/ /			-	
27S45		5962-8552701	2 7 5	/ /			-	
27S45A		5962-8552702	2 7 5	/ /			-	
27S47		5962-8552703	2 7 5	/ /			-	
27S47A		5962-8552704	2 7 5	/ /			-	
27C512		5962-8764801	2 7 3	/ /			-	
27C512		5962-8764802	2 7 3	/ /			-	
27C512		5962-8764803	2 7 3	/ /			-	
27C512		5962-8764804	2 7 3	/ /			-	
27S12-20		5962-8513505	2 7 22	/ /			L	
27S12-25		5962-8513501	2 7 22	/ /			-	
27S12-30		5962-8513503	2 7 22	/ /			-	
27S12-35		5962-8513502	2 7 22	/ /			-	

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
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		FF
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				
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				
28C256-300	/26102		1 7 3	03/27/89				
28C256-300	/26108		2 7 3	03/27/89				
28C256-350	/26101		1 7 3	03/27/89				
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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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- iation level	NATO
					3/ 4/	5/	6/	
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	/ 08/09/83		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	Micro- circuit group	Radi- ation level	NATO
					3/ 4/	5/	6/	
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
MN3008		5962-8768801	1 16 16	/ /				
MN3009		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	Micro- circuit group	Rad- ation level	NATO	3/ 4/	5/	6/
									3/ 4/	5/	6/
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					
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	/ /				-			
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	Micro- circuit group	Rad- ation level	NATO
				3/ 4/	5/	6/		
AD395T		5962-8851004	1 16 16	/ /				
39C60A		5962-8861301	2 8 3	/ /				- L
39C60		5962-8861302	2 8 3	/ /				- L
OP-400A		5962-8777101	2 9 12	/ /				- L
4000A	/05201		3 1 4	D 2 04/30/84	B1	36		
4000B	/05251		3 1 8	D 2 04/30/84	B1	36		- L
4001A	/05202		3 1 4	D 2 04/30/84		36	R	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	R	P
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		
4006B	/05751		3 5 8	E 1 11/30/87		40		
4007A	/05301		3 1 4	E 1 08/07/87	B1	36	H	P
4007UB	/05351		3 1 8	E 1 08/07/87		36		
4008A	/05401		3 4 4	D 2 04/30/84	B1	39	R	P
4008B	/05451		3 4 8	D 2 04/30/84		39		P
4009A	/05501		3 2 4	F 2 04/30/84	B1	37		
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		
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		P
4012A	/05002		3 1 4	E 2 04/30/84	B1	36		P
4012B	/05052		3 1 8	E 2 04/30/84		36		P
4013A	/05101		3 3 4	E 2 04/30/84	B1	38		
4013B	/05151	7901101	3 3 8	E 2 04/30/84		38		
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		P
4015A	/05703		3 5 4	E 1 11/30/87		40		
4015B	/05753		3 5 8	E 1 11/30/87		40	R	
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		40		
4018B	/05652		3 5 8	E 1 04/30/84		40		F
4019A	/05302		3 1 4	E 1 08/07/87		36		L
4019B	/05352		3 1 8	E 1 08/07/87		36		P
4020A	/05603		3 5 4	E 1 04/30/84		40		P
4020B	/05653		3 5 8	E 1 04/30/84		40		P
4021A	/05704		3 5 4	E 1 11/30/87		40		
4021B	/05754	7901201	3 5 8	E 1 11/30/87		40		
4022A	/05604		3 5 4	E 1 04/30/84		40		
4022B	/05654		3 5 8	E 1 04/30/84		40		
4023A	/05003		3 1 4	E 2 04/30/84		36		
4023B	/05053	7901301	3 1 8	E 2 04/30/84		36		
4024A	/05605		3 5 4	E 1 04/30/84		40		
4024B	/05655		3 5 8	E 1 04/30/84		40		
4025A	/05204		3 1 4	D 2 04/30/84		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 <u>2/</u>	Revision, Amendment and Document Date	QPL status	Micro- circuit group <u>5/</u>	Rad- iation level <u>6/</u>	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	H	L
4027B	/05152		3 3 8	E 2 04/30/84	B1	38	R	P
4028A	/05901		3 4 4	C 2 04/30/84		39		-
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	/ /				-
4069UB	/17401	7702701	3 1 8	A 3 04/30/84		37	H	F
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	GPL status	Micro- circuit group	Rad- ation level	NATO
				3/ 4/	5/	6/		
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	P
40938	/17701	7704601	3 1 8	B 04/30/84		36		
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		
40998	/17601		3 3 8	A 1 04/30/84		38	R	F
4C1024-100	/24902		1 6 3	A 02/13/90		46	R	P
4C1024-120	/24903		1 6 3	A 02/13/90		46		
4C1024-150	/24904		1 6 3	A 02/13/90	82	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	82	46		
411024-80	/24901		1 6 3	A 02/13/90		46		
4116	/24004		1 6 7	A 05/11/89	81	46		
4116	/24005		1 6 7	A 05/11/89		46		
4116	/24001		2 6 7	A 05/11/89		46		
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	81	46		
M41256N-12	/24603		1 6 7	1 01/13/87	81	46		
M41256P-15	/24602		1 6 7	1 01/13/87	81	46		
M41256N-15	/24604		1 6 7	1 01/13/87	81	46		
4136	/11004		1 9 12	B 09/11/89		49		L
4156	/11003		1 9 12	B 09/11/89	S1	49		L
4167		8200701	2 6 7	/ /				
4194		7705401	2 12 12	/ /				
OP-42	/12208		2 9 12	A 09/15/89				
OP-42A	/12208	5962-8851301	2 9 12	A 09/15/89				
OP4218		5962-8855901	2 9 26	/ /				
OP421C		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	82	59		
431	/14801	8410901	2 12 12	A 09/05/89	82	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	/ /				
OP44A	/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	Micro- circuit group	Rad- ation level	NATO
				3/ 4/	5/	6/		
TSC4424		5962-8850305	2 13 12	/ /				
TSC4425		5962-8850306	2 13 12	/ /				
TSC4426		5962-8850307	2 13 12	/ /				
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			
45028	/17403		3 2 8	A 3 04/30/84		37	R	P
45088	/17602		3 3 8	A 1 04/30/84		38		-
45148	/17301	7703501	3 3 8	B 04/30/84		39		-
45158	/17302	7703201	3 4 8	B 04/30/84		39		-
45H16	/24004		1 6 7	A 05/11/89	B1	46		L
45H16	/24005		1 6 7	A 05/11/89		46		L
45H16	/24001		2 6 7	A 05/11/89		46		-
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
45288		7704501	3 3 8	/ /				-
45288		7704502	3 3 8	/ /				-
45328	/17303		3 4 8	B 04/30/84		39		-
4N55		5962-8767901	1 24 16	/ /				-
45558	/17304	7704701	3 4 8	B 04/30/84		39		-
45568	/17305	7704801	3 4 8	B 04/30/84		39		-
45578		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		F
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	/ /				
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	GPL status	Micro- circuit group	Rad- ation Level	NATO
				3/ 4/	5/	6/		
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
H15040	/10501	8100601	2 18 3	3 12/23/80		82		FF
5041	/10502		1 18 3	3 12/23/80		82		FFF
IH5041	/10502	8100602	2 18 3	3 12/23/80		82		FFF
5042	/10503		1 18 3	3 12/23/80		82		FFF
IH5042	/10503	8100603	2 18 3	3 12/23/80		82		FFF
5043	/10504		1 18 3	3 12/23/80		82		FFF
IH5043	/10504	8100604	2 18 3	3 12/23/80		82		FFF
H15043		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		FF
5045	/10506		1 18 3	3 12/23/80		82		FFF
IH5045	/10506	8100606	2 18 3	3 12/23/80		82		FFF
H15045		8100614	2 18 3	/ /		82		-
IH5046	/10507	8100607	2 18 3	3 12/23/80	B1	82		-
H15046		8100615	2 18 3	/ /		82		-
H15046A		8100617	2 18 3	/ /				F
IH5047	/10508	8100608	2 18 3	3 12/23/80		82		-
H15047		8100616	2 18 3	/ /		82		F
H15047A		8100618	2 18 3	/ /				-
H15049		8100620	2 18 3	/ /				-
H15050		8100621	2 18 3	/ /				-
H15051		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		FF
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	R	P
IH5116		5962-8513104	2 18 3	/ /		82		L
HROM-512	/20101		4 7 1	C 03/24/86		7		-
TL514		5962-8687801	2 10 18	/ /				-
DG5140		8100609	2 18 3	/ /		82		F
DG5141		8100610	2 18 3	/ /		82		-
DG5142		8100611	2 18 3	/ /		82		-
DG5144		8100613	2 18 3	/ /		82		-
IH5148		8100619	2 18 3	/ /				F
H1-516		5962-8869901	2 18 3	/ /				-
51C67	/29106		2 6 3	07/25/85	B2	46		-

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
					3/ 4/	5/	6/	
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		5962-8958303	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	/ /				
521		5962-8751601	2 10 12	/ /				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				
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	/ /				
5217	/12016		2 17 16	B 04/18/90				
SL523AC		5962-8980301	2 24 12	/ /				
HCPL-5231		5962-8876901	1 24 16	/ /				
AD524S	/14301		2 9 12	04/03/87				
HI524		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	Micro- circuit group	Rad- ation level	NATO	3/	4/	5/	6/
									3/	4/	5/	6/
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	/ /								
MN5280	/23505		4 6 7	C 05/25/84		46						
MN5280	/23506		4 6 7	C 05/25/84		46						
529		5962-8757202	2 10 12	/ /								
MN5290		5962-8956301H	2 17 16	/ /								
MN5291		5962-8956302H	2 17 16	/ /								
MN5295		5962-8956901H	1 17 16	/ /								
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
MCM5303	/20101		4 7 1	C 03/24/86		7						-
MCM5304	/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	/ /								
S330	/20701		1 7 5	B 1 05/16/86	S1	14						L
HA-5330		5962-8767701	2 20 26	/ /								
S331	/20702		1 7 5	B 1 05/16/86	B1 S2	14						L
S3S3281	/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
IH5352		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						-
54FC0	/33001		1 1 18	B 2 04/05/83	S1	8						F
54LS00	/30001		1 1 2	D 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						-
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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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
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	LL	
5402	/00401		3 1 1	C 02/25/77		1	LP	
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	LL	
5403	/00109		3 1 1	E 2 06/01/82		1	LL	
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	P	
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	LL	
54L04	/02005		3 1 10	A 2 11/20/72		15	LL	
5404	/00105		3 1 1	E 2 06/01/82		1	LL	
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	LL	
5406	/00801		1 2 1	D 1 06/28/85	B1	2	LL	
5407	/00803		1 2 1	D 1 06/28/85	B1	2	LL	
54F074	/34101		1 3 18	E 04/28/89	B1	10	FF	
54F08	/34001		1 1 18	C 01/11/88	S1	8		
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	Micro- circuit group	Rad- ation level	NATO
				3/ 4/	5/	6/		
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
54I10	/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			-
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			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	FFL
54H103	/02206		3 3 9	C	02/27/89		3	L
54ALS1032	/38408		2 2 19		12/07/83		9	
54AS1032A		5962-8873001	3 2 18	/ /				-
54ALS1034	/38411	8403101	2 2 19		12/07/83		9	
54ALS1034A		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
54I07	/00203		3 3 1	E 7	12/24/74		3	L
54ALS109	/37102		1 3 19	A 1	08/08/86	S2	10	FF
54F109	/34102		1 3 18	E	04/28/89	B1	10	F
54LS109	/30109		1 3 2	D	04/08/88		10	PF
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		5962-8769902	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	Micro- circuit group	Rad- ation level	NATO	3/ 4/	5/	6/
54AC11008		5962-8761502	3 1 4	/ /							
54AC11010	/75022	5962-8761002	3 1 24	1 03/15/89							
54AC11011		5962-8761102	3 1 24	/ /							
54AC11020	/75023	5962-8761302	3 1 24	1 03/15/89							
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							
54F112	/34103		1 3 18	E 04/28/89	B1						F
54LS112	/30103		1 3 2	D 04/08/88	B1						P
54AC112	/75305		2 3 24	05/14/90							F
54ALS112A	/37103	84000C2	2 3 19	A 1 08/08/86							-
54HC112	/65305	8408801	2 3 21	A 01/15/88	B1						F
54HCT112		5962-8970201	2 3 21	/ /							
54S112	/07102		3 3 5	C 4 07/23/84							L
54AC11240		5962-8755002	3 2 24	/ /							-
54ACT11240		5962-8775902	3 2 24	/ /							-
54AC11241		5962-8755102	3 2 24	/ /							-
54ACT11241		5962-8984702	3 2 24	/ /							-
54AC11244		5962-8755202	3 2 24	/ /							-
54LS113	/30104		1 3 2	D 04/08/88	B1						F
54HC113		5962-8969501	2 3 21	/ /							
54S113	/07103		3 3 5	C 4 07/23/84							L
54ACT11373		5962-8755602	3 3 1	/ /							
54AC11373		5962-8755502	3 3 4	/ /							
54ACT11374		5962-8763102	3 3 24	/ /							
54LS114	/30105		1 3 2	D 04/08/88	B1						L
54S114	/07104		3 3 5	C 4 07/23/84	B1						L
54ACT11534		5962-8965802	3 3 24	/ /							
54116	/01503		3 3 1	A 1 07/27/79							L
54LS12	/30006		1 1 2	D 1 07/15/87	S1						P
5412	/00106		3 1 1	E 2 06/01/82	B1						L
54121	/01201		3 3 1	G 08/20/85							L
54L121	/04201		4 3 10	C 05/03/82							-
54LS122	/31403	7600301	2 3 2	B 1 05/23/84	B1						P
54122	/01202		3 3 1	G 08/20/85							-
54L122	/04202		4 3 10	C 05/03/82							-
54LS123	/31401	7603901	2 3 2	B 1 05/23/84							P
54HC123		5962-8684701	2 3 21	/ /							-
54HC123A		5962-8684702	2 3 21	/ /							-
54HCT123		5962-8970001	2 3 21	/ /							
54123	/01203		3 3 1	G 08/20/85	B1						L
54LS124		7704101	3 24 2	/ /							-
54ALS1244A		5962-8873801	2 2 19	/ /							
54ALS1245A		5962-8873701	2 13 19	/ /							
54LS125A	/32301		1 2 2	C 08/07/87	B1						P
54HC125		5962-8772101	2 2 21	/ /							F
54BCT125		5962-9093701M	2 2 26	/ /							-
54125	/15301		3 2 1	A 03/11/85							L
54LS126	/32302		1 2 2	C 08/07/87	S1						F
54HC126		5962-8684801	2 2 21	/ /							-
54126	/15302		3 2 1	A 03/11/85							L
54LS13	/31301		1 1 2	A 1 07/22/83	S1						P

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Red- ation level	NATO
S413	/15101		3 1 1	A 1 09/30/85	S1	1		L
S4HC132	/65005		1 1 21	A 05/22/87	S1	36		F
S4LS132	/31303	7600401	2 1 2	A 1 07/22/83	S1	8		P
S4HCT132		5962-8984501	2 1 21	/ /				
S4132	/15103		3 1 1	A 1 09/30/85		1		L
S4HC133		5962-8772301	2 1 21	/ /				-
S4ALS133	/37005	5962-8859001	2 1 19	2 03/18/83	S2	8		-
S4S133	/07009		3 1 5	B 1 11/22/85	B1	8		L
S4S134	/07010		4 1 5	B 1 11/22/85	B1	8		-
S4S135	/07502		4 1 5	B 1 11/27/85		8		L
S4F138	/33701		1 4 18	A 2 08/09/83	B1	11		
S4LS138	/30701	7600501	2 4 2	C 11/05/87	S1	11		P
S4HC138	/65802	8406201	2 4 21	12/19/86		39		-
S4HCT138	/65852	8550401	2 4 21	12/19/86	B1 S2	39		F
S4ACT138		5962-8755401	2 4 24	/ /				-
S4AC138	/75802	5962-8762201	2 4 24	12/28/89		39		-
S4FCT138		5962-8765401	2 4 25	/ /				-
S4ALS138	/37701	5962-8686601	2 4 19	1 08/09/83		11		F
S4FCT138A		5962-8765402	2 4 25	/ /				-
S4S138	/07701	7604101	3 4 5	A 4 08/20/84		11		L
S4F139	/33702		1 4 18	A 2 08/09/83		11		F
S4HCT139	/65853		2 4 21	12/19/86	B1	39		-
S4LS139	/30702	7600701	2 4 2	C 11/05/87	B1	11		P
S4HC139	/65803	8409201	2 4 21	12/19/86	B1 S2	39		F
S4ACT139		5962-8755301	2 4 24	/ /				-
S4ALS139		5962-8768301	2 4 19	/ /				F
S4AC139	/75803	5962-8762301	2 4 24	12/28/89		39		-
S4FCT139		5962-8950801	2 4 25	/ /				-
S4FCT139A		5962-8950802	2 4 25	/ /				-
S4S139	/07702	7700401	3 4 5	A 4 08/20/84		11		L
S4LS14	/31302		1 1 2	A 1 07/22/83	S1	8		-
S4HC14	/65702	8409101	2 1 21	09/30/86	S1	37		F
S4HCT14	/65752	5962-8689001	2 1 21	09/30/86		37		-
S4AC14	/75702	5962-8762401	2 1 24	12/28/89		37		F
S4F14		5962-8875201	2 1 18	/ /				-
S4HCT14		5962-8689001	2 1 21	/ /				-
S414	/15102		3 1 1	A 1 09/30/85		1		L
S4S140	/08101		1 13 5	C 11/06/87	S1	9		L
S4LS145		8508401	2 4 2	/ /				-
S4145	/01005		3 4 1	C 03/03/86		4		L
S4HC147		8406401	2 4 21	/ /				-
S4147	/15601		4 4 1	B 07/21/86		4		-
S4LS148	/36001	7802701	2 4 2	A 2 08/26/83	S1 S2	11		P
S4F148		5962-8607001	2 4 18	/ /				P
S4148	/15602		4 4 1	B 07/21/86		4		-
S4LS15	/31002		1 1 2	C 11/18/87	S1	8		P
S4S15	/08002		4 1 5	D 12/08/87	S1	8		-
S4150	/01401		3 4 1	D 2 08/02/82	B1	4		L
S4F151A	/33901		1 4 18	C 1 09/02/86	S1	11		F
S4HC151B	/66201		2 4 21			39		-
S4LS151	/30901	7601001	2 4 2	D 3 06/21/85	S1	11		P
S4HC151	/66201	8412801	2 4 21	03/31/88		39		F
S4ALS151		8414101	2 4 19	/ /				-
S4AC151		5962-8769101	2 4 24	/ /				-
S4ACT151		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	Micro- circuit group	Rad- ation level	NATO	3/ 4/	5/	6/
									3/	4/	5/
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		-	P		
54LS153	/30902	7601101	2 4 2	D 3 06/21/85	S1	11		-	-		
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	/ /				-	F		
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		B2		F	-		
54HC158B	/66204		1 4 21	03/31/88		B2		F	-		
54HC158	/66204	5962-8682301	2 4 21	03/31/88		B2		F	-		
54LS158	/30904	7603301	2 4 2	D 3 06/21/85	S1	11		-	F		
54ALS158		5962-8862501	2 4 19	/ /					-		
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		-	-		
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		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	P		
54HC161	/66302	8407501	2 5 21	09/30/87		40		P	P		
54HCT161		5962-8685401	2 5 21	/ /				-	F		
54ALS161B	/38001	8302201	2 5 19	A 1 08/08/86		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	Micro- circuit group	Rad- ation level	NATO	3/ 4/	5/	6/
									3/ 4/	5/	6/
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 P			
54HC162	/66303	8409401	2 5 21	09/30/87	B1	40					
54HCT162		5962-8970701	2 5 21	/ /							
54162	/01305		3 5 1	F 5 04/16/82		5		L - F			
54ALS163	/38002		1 5 19	A 1 08/08/86		12					
54F163A	/34302		1 5 18	A 09/21/89	B1	12					
54LS163	/31512		1 5 2	C 2 01/17/84	S1	12		P P			
54LS163A	/31512	7603401	2 5 2	C 2 01/17/84	S1	12					
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 F - F			
54LS164	/30605		1 5 2	D 11/06/87	B1	12					
54HC164	/66501	8416201	2 5 21	08/31/88		40					
54F164		5962-8607101	2 5 18	/ /							
54HCT164		5962-8970401	2 5 21	/ /							
54ALS164		5962-8687001	2 5 19	/ /							
54L164	/02802		3 5 10	2 08/02/74		19		L L F F			
54164	/00903		3 5 1	D 5 06/04/80	B1	5					
54LS165	/30608		1 5 2	D 11/06/87		12					
54LS165A	/30608	7700601	2 5 2	D 11/06/87		12		F F P P			
54HC165	/66502	8409501	2 5 21	08/31/88		40					
54HCT165		5962-8685501	2 5 21	/ /							
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 F			
54LS169	/31506	8001802	2 5 2	C 2 01/17/84	S1	12					
54ALS1698	/38003	8302501	2 5 19	A 1 08/08/86		12		F F			
54ALSS69A	/38005	8302502	2 5 19	A 1 08/08/86	S2			F F			
54F169		5962-8607201	2 5 18	/ /				-			
5417	/00804		3 2 1	D 1 06/28/85	B1	2		L F			
54LS170	/31902	8002501	2 5 2	B 2 03/04/85	S1						
54170	/01801		4 5 1	A 08/09/83		5		-			
54LS173A	/36101		1 3 2	A 01/11/88	B1	12		F F			
54HC173	/65306	5962-8682501	2 3 21	A 01/15/88	B1	38					
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 F			
54ALS174	/37201	8301901	2 3 19	A 02/12/87	S2	10					
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 F			
54174	/01701		3 3 1	A 4 05/01/79	B1	3					
54F175	/34104		1 3 18	E 04/28/89	B1	10		F F			
54LS175	/30107		1 3 2	D 04/08/88	B1	10					
54ALS175	/37202	8301902	2 3 19	A 02/12/87	S2	10		F F			

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
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		LL
54180	/01901		3 4 1	3 02/14/75	B1	4		LL
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		
54181	/01101		3 4 1	C 05/19/78		4		LL
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		LL
54185A		7703001	3 4 1	/ /				-
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		PF
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		PF
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		PL
54F193	/34304		1 5 18	A 09/21/89		12		FFP
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		LL
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		LL
54S194	/07601	7604001	3 5 5	B 12/04/85	S1	12		L
54LS195A	/30602		1 5 2	D 11/06/87	B1	12		PL
54HC195	/66505	5962-8682701	2 5 21	08/31/88		40		F
54195	/00906		3 5 1	D 5 06/04/80		5		FL
54S195	/07602		4 5 5	B 12/04/85		12		P
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 <u>2/</u>	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO	<u>3/</u>	<u>4/</u>	<u>5/</u>	<u>6/</u>
									<u>3/</u>	<u>4/</u>	<u>5/</u>	<u>6/</u>
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	/ /				P				
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		P				
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	/ /				P				
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		P				
54LS242	/32801	8002001	2 13 2	B 4 03/23/84	B1	9		-				
54ALS242B	/38506	8401301	2 13 19	A 01/04/88		9		P				
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		-				
54HC243	/65502	8409001	2 13 21	1 09/30/86		37		P				
54F243	/34802	5962-2683401	2 13 18	B 05/12/88	B1	9		-				
54ALS244	/38303		1 2 19	A 02/11/88		9		F				
54F244	/33203		1 2 18	B 10/30/87	B1	9		P				
54HC244	/65705	8409601	2 2 21		09/30/86		37	-				
54HCT244	/65755	8513001	2 2 21		09/30/86		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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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
3/ 4/	5/	6/						
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		-
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	/ /				-
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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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Red- ation level	NATO	3/ 4/	5/	6/
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 <u>2/</u>	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
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	P
54LS32	/30501		1 1 2	B 2 08/09/83	S1	8	P	P
54HC32	/65201	8404501	2 1 21	A 05/15/87	B1	36	F	F
54HCT32		5962-8685201	2 1 21	/ /			F	F
54AC32	/75201	5962-8761401	2 1 24	12/28/90			F	F
54ALS32	/37501	5962-8683601	2 1 19	03/18/83		8	F	F
54ACT32		5962-8973601	2 1 24	/ /			F	F
5432	/16101		3 1 1	1 09/07/76		1	L	
54F322		5962-8607401	2 5 18	/ /			F	F
54ALS323	/37602	8302102	2 5 19	2 09/30/83	B1	12	F	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	/ /			F	-
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	F
54LS365	/32201		1 2 2	B 4 10/20/82	S1	9		
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	FL	
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	Micro- circuit group	Rad- ation level	NATO	3/	4/	5/	6/
									3/	4/	5/	6/
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		5962-2769701	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				-	-			
5438	/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		F	-			
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	/ /								
54HC4052		5962-E855601	2 18 21	/ /								
54HC4053		5962-6775401	2 18 21	/ /								
54HCT4059		5962-8862401	2 5 21	/ /								
54HC4059		5962-8944501	2 5 21	/ /								
54HC4060		5962-8768001	2 5 21	/ /								
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 <u>2/</u>	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO	<u>3/</u>	<u>4/</u>	<u>5/</u>	<u>6/</u>
									<u>3/</u>	<u>4/</u>	<u>5/</u>	<u>6/</u>
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	C 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-E877401	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			37			-	-		
54HC533	/65404	5962-3681301	2 3 21			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			38			-	-		
54HC534	/65605	5962-E681401	2 3 21	1 03/31/86		38			P			
54ALS534		5962-8866801	2 3 19	/ /					-	-		

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	GPL status	Micro- circuit group	Rad- ation level	NATO	3/	4/	5/	6/
									3/	4/	5/	6/
S4FCT534		5962-8865501	2 3 25	/ /								
S4FCT534A		5962-8865502	2 3 25	/ /								
S4HCT534		5962-8984901	2 3 21	/ /								
S4ACT534		5962-8965801	2 3 24	/ /								
S4LSS54	/30402		1 1 2	B 2 08/09/83	S1	8						
S454	/00504		3 1 1	C 1 05/20/85	S1	1	P	L				
S4L54	/04102		4 1 10	C 08/09/83		15						
S4H54	/04004		4 1 9	A 04/13/84		1						
S4HCS540	/65710		1 2 21	09/30/86		37						
S4HCT540	/65760		1 13 21	09/30/86	B2	37						
S4F540	/33204		1 2 18	B 10/30/87	B1	37						
S4LSS540	/32404	8415501	2 2 2	C 10/15/87	B1	9	L	F				
S4AC540	/75710	5962-8769501	2 13 24	12/28/89	S1	9						
S4FCT540		5962-8976701	2 2 25	/ /								
S4FCT540A		5962-8976702	2 2 25	/ /								
S4BCT540		5962-9074801M	2 13 26	/ /								
S4HCS541	/65711		1 2 21	09/30/86		37						
S4HCT541	/65761		1 2 21	09/30/86		37						
S4LSS541	/32405	8415601	2 2 2	C 10/15/87		9	F					
S4AC541	/75711	5962-8870601	2 2 24	12/28/89		37						
S4ALSS541		5962-8960201	2 2 19	/ /								
S4FCT541		5962-8976601	2 2 25	/ /								
S4FCT541A		5962-8976602	2 2 25	/ /								
S4BCT541		5962-9074901M	2 13 26	/ /								
S4FCT543		5962-8973001	2 13 25	/ /								
S4FCT543A		5962-8973002	2 13 25	/ /								
S4F544		5962-8955501	2 13 18	/ /								
S4F545	/34804		1 13 18	B 05/12/88		9						
S4L55	/04103		4 1 10	C 08/09/83		15						
S4H55	/04005		4 1 9	A 04/13/84		1						
S4ALSS560	/38104		2 5 19	2 02/21/84	S2	12						
S4ALSS561A	/38004	8302203	2 5 19	A 1 08/08/86	B1	12						
S4F563	/34603		1 3 18	B 1 02/12/87		10	F					
S4AC563	/75405		2 3 24	04/13/90		37						
S4HC563	/65405	5962-8606201	2 3 21	12/19/86	B1 S2	38	F					
S4ALSS563A		5962-8870001	2 3 19	/ /								
S4ACT563		5962-8955601	2 3 24	/ /								
S4F564	/34111		2 3 18	E 04/28/89		10						
S4AC564	/75606		2 3 24	08/16/90		38						
S4HC564	/65606	5962-8681501	2 3 21	1 03/31/86		38	F					
S4ACT564		5962-8955701	2 3 24	/ /								
S4ALSS564A		5962-8872801	3 3 19	/ /								
S4ALSS568	/38105		2 5 19	2 02/21/84	S2	12						
S4S570	/20401		1 7 5	D 02/06/86	B1 S2	14						
S4S571	/20402		1 7 5	D 02/06/86	B1 S2	14						
S4S572	/20601		2 7 5	B 01/31/84		14						
S4S572	/20601		3 7 5	B 01/31/84		14						
S4F573	/34604		1 3 18	B 1 02/12/87	B1	10	F					
S4S573	/20602		1 7 5	B 01/31/84		14						
S4AC573	/75406		2 3 24	04/13/90		37						
S4ALSS573	/38201	8401201	2 3 19	A 06/22/87		10						
S4HC573	/65406	85128C1	2 3 21	12/19/86		38						
S4HCT573		5962-8685601	2 3 21	/ /								
S4FCT573		5962-8863901	2 3 25	/ /								
S4ACT573		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 <u>2/</u>	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
				3/ 4/	5/	6/		
54HC574	/65604		1 3 21	1 03/31/86	S1	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	5962-6780901	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	P	-
54LS648	/32805		2 13 2	B 4 03/23/84	S1	9		
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	GPL status	Micro- circuit group	Rad- ation level	NATO	^{3/}	^{4/}	^{5/}	^{6/}
									^{3/}	^{4/}	^{5/}	^{6/}
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		5962-88687601	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	/ /				-				
54LS688		8415301	2 10 2	/ /				-				
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				
54HC726	/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	FF				
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	/ /				-				
54AC74	/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	PPL				
54HC75	/65401	8407001	2 3 21	12/19/86	B1 S2		38	PPL				
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 <u>2/</u>	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
					<u>3/</u> <u>4/</u>	<u>5/</u>	<u>6/</u>	
54ALS805A		5962-8869401	2 13 19	/ /				-
54AS805		5962-8779401	3 2 18	/ /				-
54ALS808		5962-8869501	2 13 19	/ /				-
54AS808		5962-8852201	3 2 18	/ /				-
5482	/00601	5962-8860801	3 4 1	C 2 06/24/76		4		L
54FCT821A		5962-8860802	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	7601401	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	8414501	3 4 1	C 2 06/24/76		4		L
54ALS832		5962-8852301	2 13 19	/ /				
54AS832B		5962-8973101	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	8601301	1 4 2	B 3 02/28/84	B1	11		P
54HC85		5962-8867201	2 4 21	/ /				-
54HCT85		5962-8867201	2 4 21	/ /				-
5485	/15001	7703701	3 4 1	C 11/07/85	B1	4		L
54S85	/08201	5962-8606901	3 4 5	B 11/30/87		11		L
54C85		5962-8606901	3 4 8	/ /				-
54F85		5962-8606901	3 4 18	/ /				-
54ALS857	/37901	1 4 19	A 05/01/85			11		-
54ALS857A	/37901	5962-8753301	2 4 19	A 05/01/85		11		-
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		5962-8862101	2 1 19	/ /				-
54AC86	/75202	5962-8955001	2 1 24	12/28/90	B2			
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	GPL status	Micro- circuit group	Rad- ation level	NATO
				3/ 4/	5/	6/		
54ALS8748	/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		LL
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		LL
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		LL
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		FF
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		FF
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		FF
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	Micro- circuit group	Rad- iation level	NATO
				3/ 4/	5/	6/		
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		
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		
55C64-250	/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	QPL status	Micro- circuit group	Rad- ation level	NATO
				3/ 4/	5/	6/		
AD578ZSD		5962-8865803	1 17 16	/ /				
AD578ZTD		5962-8865804	1 17 16	/ /				
580S		5962-8686101	2 19 12	/ /				L
UCS-5800		5962-8764002	2 13 15	/ /				-
UCS-5801		5962-8764001	2 13 23	/ /				-
UCS5822		5962-8764101	2 13 12	/ /				-
584S	/12801		1 19 12	3 05/12/82				L
584T	/12802		1 19 12	3 05/12/82				L
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	/ /				F
AD590L		5962-8757103	2 24 12	/ /				P
AD590M		5962-8757104	2 24 12	/ /				P
WS5910A		5962-8770801	2 8 3	/ /				-
592		8418502	2 9 12	/ /				-
606A		5962-8956401	2 24 12	/ /				-
6108	/19007		1 18 3	C 10/22/86				F
6116	/29104		1 6 3	07/25/85				F
6116	/19001		1 18 3	C 10/22/86				F
6116	/29105		2 6 3	07/25/85	B1			P
6116	/29101		2 6 3	07/25/85				P
6N134		8102801	1 22 16	/ /				F
6N140A		8302401	1 22 16	/ /				F
6N140A		8302401	2 22 16	/ /				F
LM6161		5962-8962101	2 9 12	/ /				-
LM6164		5962-8962401	2 9 12	/ /				-
LM6165		5962-8962501	2 9 12	/ /				-
6208	/19008		1 18 3	C 10/22/86				-
6216	/19003		1 18 3	C 10/22/86	B1			-
AD625		5962-8771901	2 9 12	/ /				-
AD630		5962-8980701	2 24 12	/ /				-
BUS-6310511		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	/ /				-
UT63M107		5962-8864402	2 13 12	/ /				-
UT63M115		5962-8864403	2 13 12	/ /				-
UT63M117		5962-8864404	2 13 12	/ /				-
SUS-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-F952201	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	Micro- circuit group 5/	Rad- iation level 6/	NATO
HCPL-6431		5962-8957102	1 22 16	/ /				
AD650	/13803		2 17 12	08/27/87		56		-
6504	/24501		1 6 3	01/28/87		41		-
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		P
65162	/29110		1 6 3	07/25/85				
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		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-66300II		5962-8858601	1 8 16	/ /				
BUS-66300II		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	/ /				F
670S		5962-8763501	2 17 26	/ /				-
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		FF
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	8202101	2 8 7	B 04/20/89		107		-
MKB68000-6	/54001	8202101	3 8 7	B 04/20/89		107		-
68000-8	/54002	8202102	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	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
68020-20		5962-8603203	2 8 21	/ /			-	
6810	/40201		4 6 7	A 08/09/83		40	-	
68154		5962-8857201	2 23 7	/ /			-	
68155		5962-8866601	2 23 12	/ /			-	
68172		5962-8770501	2 8 12	/ /			-	
MC6821	/40101		4 8 7	A 08/09/83		107	-	
6831B	/40301		4 7 7	A 08/16/83		47	-	
68A316E	/40301		4 7 7	A 08/16/83		47	-	
685		8600801	2 10 12	/ /			-	
685		8600802	2 10 12	/ /			-	
68562		5962-8681001	2 8 7	/ /			-	
AM686		7801801	2 10 12	/ /			-	
68681		5962-8856603	2 13 7	/ /			-	
68C681		5962-8953203	2 13 3	/ /			-	
AM687		7801901	2 10 12	/ /			-	
68HC811E2		5962-8952701	2 8 21	/ /			-	
68881-12		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	/ /			-	
DAC703		5962-8856301	2 16 26	/ /			-	
LM709		7800701	3 9 12	/ /			L	
710	/10301		3 10 26	D 06/24/88		50	L	
711	/10302		3 10 12	D 06/24/88	S1	50	L	
7132SA-45		5962-8700201	2 6 3	/ /			-	
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	/ /			-	
7132SA-90		5962-8700202	2 6 3	/ /			-	
7132LA-90		5962-8700206	2 6 3	/ /			-	
714	/13502		1 9 12	B 12/18/87	S1	49	-	
7142SA-45		5962-8700209	2 6 3	/ /			-	
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	/ /			-	
7142SA-90		5962-8700210	2 6 3	/ /			-	
7142LA-90		5962-8700214	2 6 3	/ /			-	
7C147	/28901		1 6 3	1 12/04/86			-	
7C148	/28902		1 6 3	1 12/04/86	B2	41	-	
ICM7170		5962-8765301	2 8 3	/ /			-	
7181	/01101		3 4 1	C 05/19/78		4	L	
7187S45	/29202		2 6 3	09/30/87		41	-	
7187S55	/29201		2 6 3	09/30/87		41	-	
7187L55	/29203		2 6 3	09/30/87		41	-	
7187L70	/29204		2 6 3	09/30/87		41	-	
7C190		5962-8969401	2 6 3	/ /			-	
7C194	/29303		2 6 3	09/20/89		41	-	
7C194	/29304		2 6 3	09/20/89		41	-	
7C194	/29311		2 6 3	09/20/89		41	-	
7C196	/29305		2 6 3	09/20/89	B1	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	OPL status	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
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		
7C198	/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	/ /				P
733		8418501	2 9 12	/ /				-
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	/ /				F
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	S1	80		-
7523	/12701	5962-8770001	2 16 3	A 1 02/28/86	S1	80		-
7524		5962-8770002	2 16 3	/ /				-
7524		5962-8770003	2 16 3	/ /				-

See footnotes at end of standard.

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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. N38510	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		5962-8770102	2 16 3	/ /				-
7528		5962-8770103	2 16 3	/ /			P	-
7528		5962-8770101	2 16 3	/ /			-	-
7537S		5962-8776301	2 16 3	/ /			F	-
7537T		5962-8776302	2 16 3	/ /			-	-
7537U		5962-8776303	2 16 3	/ /			-	-
7541	/12704		2 16 3	A 1 02/28/86		80	H	-
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		5962-8876501	2 16 3	/ /			-	-
7549T		5962-8876502	2 16 3	/ /			-	-
7555	/14903	5962-8950303	2 14 3	05/07/89				
7556	/14904	5962-8950304	2 14 3	05/07/89				
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	/ /			-	-
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	S1 S2	14	L	-
7610	/20301		1 7 5	C 11/27/85	S1 S2	14	F	-
7611	/20302		1 7 5	C 11/27/85	S1 S2	14	L	-
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	-	-
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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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes 2/	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
ICL7667		5962-8766001	2 13 12	/ /			-	
AD767		5962-8961701	2 16 12	/ /				
76L70	/02805		3 5 10	2 08/02/74	S1	19	L	
AD7672TQ05		5962-8965503	2 17 3	/ /				
AD7672UQ05		5962-8965504	2 17 3	/ /				
AD7672TQ10		5962-8965501	2 17 3	/ /				
AD7672UQ10		5962-8965502	2 17 3	/ /				
7680	/20903		2 7 5	D 1 09/30/86		14	L	
7681	/20904		1 7 5	D 1 09/30/86	S1	14	-	
7684	/20901		2 7 5	D 1 09/30/86		14	-	
7684T		5962-8977701	2 17 3	/ /				
7684S		5962-8977702	2 17 3	/ /				
7685	/20902		1 7 5	D 1 09/30/86	B1 S2	14	-	
OP-77B		5962-8773801	2 9 12	/ /				
OP-77A		5962-8773802	2 9 12	/ /				
TL7702AM		5962-8868502	2 24 12	/ /				P
TL7705AM		5962-8868501	2 24 12	/ /				
771	/11904		1 9 15	A 08/07/87	B1	49	F	
77S180	/20903		2 7 5	D 1 09/30/86		14	L	
77S181	/20904		1 7 5	D 1 09/30/86	S1	14	-	
77S184	/20901		2 7 5	D 1 09/30/86		14	-	
77S185	/20902		1 7 5	D 1 09/30/86	B1 S2	14	-	
77S190	/21001		2 7 5	D 05/16/86		14	-	
77S191	/21002		1 7 5	D 05/16/86		14	F	
772	/11905		1 9 15	A 08/07/87	B1	49	F	
774	/11906		1 9 15	A 08/07/87		49	F	
78MG	/11701		3 12 12	A 3 06/11/81	B1	52	L	
78G	/11702		3 12 12	A 3 06/11/81		52		
78M05	/10702		1 12 12	C 05/29/89		52	-	
7805	/10706		1 12 12	C 05/29/89	B1	52	-	
7805A		5962-8778201	2 12 12	/ /				
7806A		5962-8962601	2 12 12	/ /				
7808A		5962-8962801	2 12 12	/ /				
78M12	/10703		1 12 12	C 05/29/89	S1	52	-	
7812	/10707		1 12 12	C 05/29/89		52	-	
7812A		5962-8777601	2 12 12	/ /				
78C120		5962-8963001	2 13 12	/ /				
78M15	/10704		1 12 12	C 05/29/89	B1	52	-	
7815	/10708		1 12 12	C 05/29/89		52	-	
7815A		5962-8855301	2 12 12	/ /				
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	/ /				
7828U		5962-8876404	2 17 12	/ /				
7831	/10406	8004101	3 13 12	B 1 05/29/87		53	F	
7832	/10407	8004102	3 13 12	B 1 05/29/87	B1	53	F	
78S40		5962-8876101	2 12 26	/ /				
AD7846		5962-8969701	2 16 12	/ /				
78C48SC30		5962-8874302	2 17 3	/ /				
79MG	/11801		3 12 12	4 03/31/80	S1	52	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	Micro- circuit group	Rad- ation level	NATO	3/	4/	5/	6/
									3/	4/	5/	6/
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	/ /								
79H12	/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-80BCMOS	/48501		1 8 3	03/30/89		105		-	-	-		
Z-80BCPU	/48003		2 8 7	B 2 04/14/83		107		-	-	-		
Z80API0	/48401		4 8 7	A 06/29/84		107		-	-	-		
Z80P10	/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	/ /				-	-	-		
Z80AS10/2	/48101		4 8 7	A 06/18/84		107		-	-	-		
Z-80S10/2	/48102	5962-8514803	4 8 7	A 06/18/84		107		-	-	-		
80286-10		5962-8514802	2 8 22	/ /				F	-	-		
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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TABLE VI. Cross Reference - Continued.

Generic/ industry number	Military part no. M38510	Standardized Military Drawing part no.	Table number, function codes and technology codes ^{2/}	Revision, Amendment and Document Date	QPL status	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
Z8030A		5962-8551801	2 8 7	/ /			-	-
Z8030		5962-8551802	2 8 7	/ /			-	-
80C31		8506401	2 8 3	/ /			-	-
80C31BH-16		8506403	2 8 3	/ /			-	-
8035AHL		5962-8856801	2 8 7	/ /			-	-
8035L	/49002	8551701	4 8 7	A 09/11/86		107		
Z8036A		8551702	2 8 7	/ /			F	
Z8036		5962-8877201	2 24 12	/ /			-	-
ICL8038		5962-8766802	2 8 22	/ /			-	-
80386-12		5962-8766801	2 8 22	/ /			-	-
80386-16		5962-8766803	2 8 21	/ /			-	-
80386-20		5962-8766804	2 8 21	/ /			-	-
80386-25		5962-8953401	2 8 3	/ /			-	-
80387-16		5962-8953402	2 8 3	/ /			-	-
80387-20		5962-8953403	2 8 3	/ /			-	-
80387-25		5962-8972601	3 8 3	/ /			-	-
80C451		5962-8856802	2 8 7	/ /			-	-
8048AH	/49001	8506402	4 8 7	A 09/11/86		107		
8048		8506404	2 8 3	/ /			-	-
80C51		8506404	2 8 3	/ /			-	-
80C51BH-16		7700201	3 8 7	A 1 10/26/84		107	L	
8080A	/42001	7901001	3 8 7				L	
8085A	/53001	8405201	1 8 7	4 11/10/80		107	P	
8086		8405202	2 8 3	/ /			-	-
80C86		5962-8854702	2 8 7	/ /			-	-
8086-2		5962-8854701	2 8 7	/ /			-	-
8088		5962-8768501	2 8 7	/ /			-	-
8097		8506301	2 8 7	/ /			F	-
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	/50202		2 7 12	06/16/81		14	-	-
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	/20704		1 7 5	B 1 05/16/86		14	L	
82S126A	/20303		1 7 5	C 11/27/85	B1 S2	14	L	
82S126A	/20301		1 7 5	C 11/27/85	B1 S2	14	F	
82S129A	/20302		1 7 5	C 11/27/85	B1 S2	14	L	
82S129A	/20304	5962-8778801	2 7 5	C 11/27/85		14	-	-
82S129A		5962-8778802	2 7 5	C 11/27/85		14	-	-
82S130A	/20401		1 7 5	D 02/06/86	B1 S2	14	-	-
82S130A	/20403		1 7 5	D 02/06/86	B1 S2	14	-	-
82S131A	/20402		1 7 5	D 02/06/86	B1 S2	14	F	
82S131A	/20404		1 7 5	D 02/06/86	B1 S2	14	-	-
82S136	/20601		3 7 5	B 01/31/84		14	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	Micro- circuit group	Rad- ation level	NATO	3/	4/	5/	6/
									3/	4/	5/	6/
82S137A	/20602		1 7 5	B 01/31/84		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		5962-8768201	2 7 12	/ /				F				
82S16		8602301	3 6 5	/ /				-				
82S180	/20903		2 7 5	D 1 09/30/86		14		L				
82S181A	/20904		1 7 5	D 1 09/30/86	S1	14						
82S181A	/20909		1 7 5	D 1 09/30/86	S1	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	B1 S2	14		-				
82188		5962-8767201	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		FL				
DAC8221A		5962-8967101	2 16 12	/ /								
DAC8222A		5962-8967201	2 16 3	/ /								
82S23A	/20701		1 7 5	B 1 05/16/86	S1	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		5962-8773401	2 8 3	/ /				-				
82C284-6		5962-8773403	2 8 3	/ /				-				
82C284-8		5962-8773402	2 8 3	/ /				-				
82288-6		5962-8514901	2 8 7	/ /				F				
82288-8		5962-8514902	2 8 7	/ /				FFF				
82HS321A	/21101		1 7 5	04/01/87		14						
82380		5962-8959301	2 8 3	/ /				-				
82384-12		5962-8766902	2 8 12	/ /				-				
82384-16		5962-8766901	2 8 12	/ /				-				
8250	/15204		4 4 1	B 07/21/86		4		-				
8251A		5962-8754801	2 8 12	/ /				-				
8251A		5962-8754802	3 8 12	/ /				F				
8251	/15205		4 4 1	B 07/21/86		4		-				
82510		5962-8972501	2 8 3	/ /		4		-				
82C52		8501501	2 8 3	/ /				-				
8252	/15206		4 4 1	B 07/21/86		4		-				
8253		5962-8752001	2 8 7	/ /				-				
8253		5962-8752002	2 8 7	/ /				-				
8253-5		5962-8752003	2 8 7	/ /				-				
82C54		8406501	2 8 3	/ /				-				
82C55A		8406602	2 8 3	/ /				-				
8255A		5962-8757001	2 8 12	/ /				-				
82C55A-5		8406601	2 8 3	/ /				-				
8255A-5		5962-8757002	2 8 12	/ /				-				
82C59A		5962-8501602	2 8 3	/ /				-				
8259A		5962-8751801	2 8 16	/ /				-				
82C59A-5		5962-8501601	2 8 3	/ /				-				
82S62		5962-8754301	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				

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	Micro- circuit group	Radi- ation Level	NATO
					3/ 4/	5/	6/	
82HS641A-70			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	FL	-
8X320		5962-8550301	2 8 12	/ /				-
83C451		5962-8972602	2 8 3	/ /				F
8X350		5962-8605201	2 6 12	/ /				-
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	/ /				F
Z8430A		8301601	2 8 7	/ /				F
Z8430		8301602	2 8 7	/ /				F
Z84C3006		5962-8951501	2 8 3	/ /				F
Z8442A		8301501	2 8 7	/ /				F
Z8442		8301502	2 8 7	/ /				F
Z84C4206		5962-8951601	2 8 3	/ /				F
Z85C3006SCC	/48601		1 8 3	08/16/89				-
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	/ /				-
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	Micro- circuit group 3/	Rad- iation level 6/	NATO
					3/ 4/	5/	6/	
8751H-8		8419001	2 8 7	/ /				P
87978H		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		
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		
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		
93L08	/04502		4 3 10	B 04/05/84		19		
9309	/01404		3 4 1	D 2 08/02/82	B1	4		
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		

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	GPL status	Micro- circuit group	Rad- ation level	NATO
<u>3/</u>	<u>4/</u>				<u>5/</u>		<u>6/</u>	
93L14	/04501	5962-8672701	6 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 5 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		-
93415	/23105		2 6 5	B 3 04/02/82		13		F
93415	/23107		2 6 5	B 3 04/02/82	B1	13		-
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		-
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		-
93Z450	/20903		2 7 5	D 1 09/30/86		14		L
93Z451	/20909		1 7 5	D 1 09/30/86	S1	14		L
93Z451	/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		-
93Z460	/20906		2 7 5	D 1 09/30/86		14		L
93Z461	/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	Micro- circuit group	Rad- ation level	NATO
			3/ 4/	5/	6/			
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		1 7 5	11/12/87		14		-
932667-70	/21201		1 7 5	11/12/87		14		-
9383	/00602	5962-8851402 5962-8851401	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			8416901	2 8 12				-
F9450-F15			8416904	2 8 12				-
F9450-F18			8416902	2 8 12				-
F9450-F20			8416903	2 8 12				-
946	/03004	8416901 5962-8552301 5962-8757501 5962-8757502 5962-8759701	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		4 2 14	A 08/09/83		23		-
958	/03104		4 2 14	A 08/09/83		23		-
9601	/01204	5962-9076602M 5962-9076601M 5962-8752201 5962-8752301 5962-8752401 5962-8754601 8600804 7801903 5962-8954401 5962-8956601H	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			5962-9076602M	2 13 12				-
96F175			5962-9076601M	2 13 12				-
962	/03005		3 1 14	A 1 12/27/74		22		L
9622			5962-8752201	3 13 12				F
9636A			5962-8752301	2 13 26				-
9637A			5962-8752401	2 13 12				-
9638			5962-8754601	2 13 12				-
96685			8600804	2 10 12				-
AD96687			7801903	2 10 12				-
OP-97			5962-8954401	2 9 12				-
HS9716			5962-8956601H	2 20 16				-
9900A	/46001	5962-8751901	4 8 6	A 06/29/84		108		-
9914A			3 8 7	/ /				-
99C641-45	/29202		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 candidates and complaint Standardized Military Drawings.
 3. Table III - Logistics or continuous replacement only.
 4. Table IV - Inactive or suspended military activity.
 5. Table V - Not recommended under any circumstances.
- 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. Emitter Coupled Logic
14. Diode Transistor Logic
15. Bi - Fet
16. Hybrid
17. Magnetic
18. Advanced Schottky
19. Advanced LSSTL
20. Multi - Chip
21. High Speed CMOS
22. High Performance NMOS
23. BIDFET
24. Advanced CMOS
25. Fast CMOS TTL Compatible
26. Bipolar CMOS

Concluding material

Custodians:

Army - ER
Navy - EC
Air Force - 17

Preparing activity:

Air Force - 17

Review activities:

Army - AT, MI, SM,

Agent:
DLA - ES

(Project 5962-1227)

Navy - OS, SH, TD

Air Force - 11, 19, 85, 99
DLA - ES

User activities:

Army - AR
Navy - AS, CG, MC

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL
(See Instructions - Reverse Side)

1. DOCUMENT NUMBER	2. DOCUMENT TITLE		
MIL-STD-1562V	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):	_____
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		d. DATE OF SUBMISSION (YYMMDD)	