

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

REPAIR PARTS AND SPECIAL TOOLS LIST

FOR

LOGIC STATE ANALYZER, HEWLETT-PACKARD MODEL 1607A

(NSN 4931-01-026-5533)

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REPORTING OF ERRORS

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Section I. INTRODUCTION

1. Scope. This manual lists spares and repair parts that are required for maintenance of the Logic State Analyzer, Hewlett-Packard Model 1607A. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General. This repair parts and special tools list (RPSTL) is divided into the following sections:

a. Section I. Introduction.

b. Section II. Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in National Stock Number (NSN) sequence.

c. Section III. NSN and Part Number Index. A list, in National Item Identification Number (NIIN) sequence, of all NSN's appearing in the listings, followed by a list in alphameric sequence of all part numbers appearing in the listings. NSN's and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

a. Illustration. This column is divided as follows:

(1) **Figure Number.** Indicates the figure number of the illustration on which the item is shown.

(2) **Item Number.** The number used to identify item called out in the illustration.

b. Source, Maintenance, and Recoverability (SMR) Codes.

(1) **Source Code.** Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	Definition
PA -	Item procured and stocked for anticipated or known usage.
PB -	Item procured and stocked for insurance purpose because essentiality dictates that a minimum quantity be available in the supply system.
PC -	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD -	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
PE -	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF -	Support equipment which will not be stocked but which will be centrally procured on demand.

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|---|--|
| <p>PG - Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuance or shutdown of production facilities, would prove uneconomical to reproduce at a later time.</p> <p>KD - An item of a depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.</p> <p>KF - An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or intermediate levels of maintenance.</p> <p>KB - item included in both a depot overhaul/repair kit and a maintenance kit.</p> <p>MO - Item to be manufactured or fabricated at organizational level.</p> <p>MF - Item to be manufactured or fabricated at the direct support maintenance level.</p> <p>MH - Item to be manufactured or fabricated at the general support maintenance level.</p> <p>MD - Item to be manufactured or fabricated at the depot maintenance level.</p> <p>AO - Item to be assembled at organizational level.</p> <p>AF - Item to be assembled at direct support maintenance level.</p> <p>AH - Item to be assembled at general support maintenance level.</p> | <p>AD - Item to be assembled at depot maintenance level.</p> <p>XA - Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.</p> <p>XB - Item is not procured or stocked. If not available through salvage, requisition.</p> <p>XC - Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.</p> <p>XD - A support item that is not stocked. When required, item will be procured through normal supply channels.</p> |
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NOTE

Cannibalization or salvage may be used as a source of supply for any items coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) Maintenance Code. Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code	Application/Explanation
C -	Crew or operator maintenance performed within organizational maintenance.
O -	Support item is removed, replaced, used at the organizational level.
F -	Support item is removed, replaced, used at the direct support level.
H -	Support item is removed, replaced, used at the general support level.
D -	Support items that are removed, replaced, used at depot, mobile depot, or specialized repair activity only.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

Code	Application/Explanation
O -	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F -	The lowest maintenance level capable of complete repair of the support item is the direct support level.
H -	The lowest maintenance level capable of complete repair of the support item is the general support level.

D -	The lowest maintenance level capable of complete repair of the support item is the depot level.
L -	Repair restricted to (enter applicable designated specialized repair activity), Specialized Repair Activity.
Z -	Nonreparable. No repair is authorized.
B -	No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item.

(3) Recoverability Code. Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Recoverability Codes	Definition
Z -	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
O -	Reparable item. When uneconomically reparable, condemn and dispose at organizational level.
F -	Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.

- H - Repairable item. When uneconomically repairable, condemn and dispose at the general support level.
- D - Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
- L - Repairable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level.
- A - Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. National Stock Number (NSN). Indicates the NSN assigned to the item and which will be used for requisitioning.

d. Part Number. Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When a stock numbered item is requisitioned, the item received may

have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item. The physical security classification of the item is indicated by the parenthetical entry (insert applicable physical security classification abbreviation, e.g., Phy Sec C1 (C)-Confidential, Phy Sec C1 (S)-Secret, Phy Sec C1 (T)-Top Secret). Items that are included in kits and sets are listed below the name of the kit or set with the quantity of each item in the kit or set indicated in the quantity incorporated in unit column. When the part to be used differs between serial numbers of the same model, the effective serial numbers are shown as the last line of the description. In the Special Tools List, the initial basis of issue (BOI) appears as the last line in the entry for each special tool, special Test, Measurement, and Diagnostic Equipment (TMDE), and other special support equipment. When density of equipments supported exceeds density spread indicated in the BOI, the total authorization is increased accordingly.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of quantity indicates that no specific quantity is applicable (e.g., shims, spacers, etc).

4. Special Information

a. Repair parts for components of standards sets which can be identified as existing in the supply system will be requisitioned through normal supply channels from the appropriate supply commodity manager.

b. Repair parts for components of standards sets which cannot be identified as to proper supply source will be requisitioned from USAMIRCOM, using routing identifier B64 and furnishing as a minimum, the following as exception data.

(1) Component stock number of the individual end item to be repaired.

(2) Component manufacturer's equipment model number and serial number.

(3) The equipment manufacturer's stock number as listed in the appropriate manual for the desired repair part.

(4) The repair part reference designation, circuit reference, circuit symbol schematic designation, or reference number as listed in the manufacturer's manual.

(5) The technical specification of the repair part as contained in the appropriate manufacturer's manual.

(6) The title and date of the manufacturer's manual from which the information in paragraphs a, (3), (4), and (5) above was taken.

NOTE

Repair parts should not be requisitioned for plug-in boards

identified in the plug-in board exchange program, except by the depot designated to perform the repair. Repair of calibration set components, with plug-in board assemblies or subassemblies designated as program exchange replacements with a recoverability code of L, will be accomplished by replacing the plug-in board.

c. The plug-in board exchange program functions as follows:

(1) Requisitioning instructions for initial issue plug-in boards will be provided since new instrument boards are included in the program.

(2) As a plug-in board covered by the program fails, a replacement will be requisitioned. Requisitions will be submitted to Commander, US Army Missile Readiness Command, B64, Redstone Arsenal, AL 35809.

(3) Simultaneously with c(2) above, the defective board being replaced will be shipped by certified mail, return receipt requested, to the following address:

Transportation Officer
Anniston Army Depot
M/F Field Service Stock
Anniston, AL 36201

When requisitioning a replacement board, the turn-in document number of the replaced board shall be cited on the requisition.

5. How to Locate Repair Parts

a. When NSN or reference number is unknown:

(1) First. Using the table of contents, determine the assembly (functional group) within which the repair part belongs.

(2) Second. Using the repair parts listing, find the functional group to which the repair part belongs and locate the item by description.

b. When NSN or reference number is known:

(1) First. Using the index of NSN's and reference numbers, find the pertinent NSN or reference number. This index is in ascending NSN cross-referenced to the illustration figure number and item number.

(2) Second. Using the repair parts listing, find the figure and item number, and locate the figure and item number in the repair parts list.

6. Abbreviations. The abbreviations listed below may appear in this RPSTL:

AC-----alternating current
 ACC-----accordance
 ACCUR-----accuracy
 AL-----aluminum
 AMP-----ampere
 ASSY-----assembly
 ASTM-----American Standard
 for Testing Materiel
 ATTEN-----attenuation
 AWG-----American Wire
 Gage
 BAN-----banana
 BLK-----black
 BR-----brass
 C-----centigrade, calibration,
 cycles per second
 CAL-----calibrate
 CAP-----capacitance
 CD-----code
 CER-----ceramic
 COAX-----coaxial
 COMP-----composition
 COND-----conductor
 CONN-----connector
 CONS-----consisting
 CONT-----continual
 COP-----copper
 COR-----corrosion

CPS-----cycles per second
 CU-----cubic
 CUR-----current
 CYL-----cylinder
 DB-----decibel
 DBL-----double
 DC-----direct current
 DEG-----degree
 DET-----detector
 DIA-----diameter
 DIM-----dimension
 DIV-----division
 DPDT-----double pole double throw
 DPL-----deployment
 ELEC-----electrical
 EQUIPM-----equipment
 F-----Fahrenheit
 FED-----Federal
 FIN-----finish
 FLG-----flange
 FREQ-----frequency
 FSCM-----Federal supply code for
 manufacturers
 FT-----foot
 GC-----gigacycles
 GEN-----generator
 GHZ-----gigahertz
 GPM-----gallons per minute
 GRAD-----graduation
 H-----high
 HD-----head
 HYDR-----hydraulic
 HZ-----hertz
 ID-----inside diameter
 IN-----inch
 INCL-----inclusive
 K-----thousand (prefix)
 KC-----kilocycles
 KG-----kilograms
 KHZ-----kilohertz
 KMHZ-----thousand megahertz
 KV-----kilovolts
 LAB-----laboratory
 LB-----pounds
 LG-----length
 LT-----light

M-----	thousand	RES-----	resistance
MA-----	milliampere	RF-----	radio frequency
MAX-----	maximum	RG-----	range
MC-----	megacycles	RH-----	right hand
MFD-----	millifarads	RL-----	reel
MFR-----	manufacturer	RM-----	rack mounted
MG-----	milligrams	RMS-----	root mean square
MHZ-----	megahertz	ROT-----	rotating
MIN-----	minimum, minutes	RPM-----	revolutions per minute
ML-----	milliliters	S-----	single
MM-----	millimeters	SEC-----	seconds
MOD-----	modified	SECT-----	section
MSEC-----	milliseconds	SERR-----	serrated
MTL-----	material	SHK-----	shank
MV-----	millivolts	SNG-----	single
MW-----	milliwatts	SPEC-----	specification
NBS-----	National Bureau Standards	SPL-----	special
NEG-----	negative	SQ-----	square
NO-----	number	STD-----	standard
NOM-----	nominal	STGT-----	straight
NPT-----	National Pipe Thread	SW-----	switch
NSN-----	National stock number	SWR-----	standing wave ratio
OA-----	overall	SYS-----	system
OD-----	outside diameter	TEL-----	telescopic
OPER-----	operating	TERM-----	terminal
OZ-----	ounce	THD-----	thread
PCS-----	pieces	THERM-----	thermometer
PCT-----	percent	THK-----	thick
PF-----	picofarads	TSTR-----	tester
PK-----	peck	U-----	unit
PLTD-----	plated	UF-----	microfarads
PN-----	part number	UHF-----	ultra high frequency
POS-----	positive	V-----	volts
PP-----	peak-to-peak	VAC-----	volts alternating current, vacuum
PSI-----	pounds per square inch	VDC-----	volts direct current
PWR-----	power	VHF-----	very high frequency
REF-----	reference	VSWR-----	voltage standing wave ratio
REP-----	repetition	W-----	watts, with, width
REQ-----	required	WT-----	weight
REQMTS-----	requirements		

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Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION USABLE ON CODES	U/M	QTY INC IN UNIT
						GROUP 6667 LOGIC STATE ANALYZER 1607A 28480 MAINFRAME ASSEMBLY CONSISTING OF		
1	3	PAHZZ	6250-01-007-6860	00183-67701	28480	BASE, PILOT LIGHT.....	EA	1
1	5	PAHZZ	6150-00-415-5038	8120-1521	28480	CABLE ASSEMBLY.....	EA	1
1	7	PAHZZ	5935-00-804-5144	1250-0083	28480	CONNECTOR, RECEPTAL.....	EA	7
1	9	PAHZZ	5935-00-778-9955	1251-0085	28480	CONNECTOR.....	EA	1
1	11	PAHZZ	5935-00-233-6728	1251-2357	28480	CONNECTOR.....	EA	1
1	19	PAHZZ	5920-00-794-3215	2110-0007	28480	FUSE, CARTRIDGE.....	EA	1
1	21	PAHZZ	5920-00-881-4636	1400-0084	28480	FUSEHOLDER.....	EA	1
1	27	PAHZZ	5970-00-138-8769	43-77-2	13103	INSULATOR, PLATE.....	EA	1
1	35	PAHZZ	5355-00-100-6778	0370-1005	28480	KNOB.....	EA	2
1	41	PAHZZ	6240-00-060-2941	2140-0016	28480	LAMP, INCANDESCENT.....	EA	1
1	45	PAHZZ	6210-01-041-0009	1450-0404	28480	LENS, LIGHT.....	EA	1
1	53	PAHZZ	5962-00-592-6020	MC7912CP	04713	MICROCIRCUIT, LINEAR.....	EA	1
1	55	PAHZZ	5962-01-016-2681	7812UC	07263	MICROCIRCUIT, LINEAR.....	EA	1
1	63	PAHZZ	5905-00-974-6073	0698-0084	28480	RESISTOR, FIXED, FILM.....	EA	3
1	71	PAHZZ	5905-00-100-5137	2100-2062	28480	RESISTOR, VARIABLE.....	EA	2
1	73	PAHZZ	5905-00-407-0069	2100-2492	28480	RESISTOR, VARIABLE.....	EA	2
1	75	PAHZZ	5905-00-139-2314	2100-2635	28480	RESISTOR, VARIABLE.....	EA	3
1	81	PAHZZ	5980-00-372-1972	3101-1609	28480	SWITCH, SLIDE.....	EA	1
1	87	PAHZZ	5961-00-223-0022	1854-0433	28480	TRANSISTOR.....	EA	1
2	3	PDHHL	4930-01-050-4926	01600-66511	28480	CIRCUIT CARD..... CONSISTING OF	EA	1
2	4	PAHZZ	5910-00-234-9817	0160-0174	28480	CAPACITOR, FIXED CER.....	EA	5
2	5	PAHZZ	5910-00-581-7084	0160-3448	28480	CAPACITOR, FIXED CER.....	EA	1
2	6	PAHZZ	5910-01-036-1474	0160-3451	28480	CAPACITOR, FIXED.....	EA	27
2	7	PAHZZ	5910-00-127-1668	0180-0106	28480	CAPACITOR, FIXED.....	EA	2
2	8	PAHZZ	5910-00-809-4701	0180-0116	28480	CAPACITOR, FIXED.....	EA	6
2	9	PAHZZ	5910-00-007-2002	0180-0197	28480	CAPACITOR, FIXED.....	EA	2
2	10	PAHZZ	5910-00-807-7253	150D226X901582	56289	CAPACITOR, FIXED.....	EA	3
2	11	PAHZZ	5910-00-075-9238	CM10ED390G03	81349	CAPACITOR, FIXED.....	EA	2
2	12	PAHZZ	5910-00-774-7294	0140-0196	28480	CAPACITOR, FIXED.....	EA	1

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION USABLE ON CODES	U/M	QTY INC IN UNIT
2	13	PAHZZ	5910-00-852-2655	0140-0202	28480	CAPACITOR, FIXED	EA	21
2	14	PAHZZ	5910-00-089-3496	0160-2201	28480	CAPACITOR, FIXED	EA	1
2	15	PAHZZ	5910-00-463-5949	0160-2204	28480	CAPACITOR, FIXED MIC	EA	1
2	16	PAHZZ	5910-00-430-5675	0160-2207	28480	CAPACITOR, FIXED MIC	EA	1
2	17	PAHZZ	5910-00-403-8872	CV31D350	81349	CAPACITOR, VARIABLE	EA	3
2	19	PAHZZ	5950-00-779-3472	9100-2259	28480	COIL, RADIO	EA	20
2	21	PAHZZ	5935-00-511-4046	1-331677-3	00779	CONNECTOR	EA	2
2	22	PAHZZ	5935-00-405-7720	252-15-30-300	71785	CONNECTOR	EA	2
2	29	PAHZZ	5962-00-615-7667	1820-0584	28480	INTEGRATED CIRCUIT	EA	1
2	31	PAHZZ	5962-00-313-6950	9602DC	07263	MICROCIRCUIT	EA	5
2	32	PAHZZ	5962-01-037-7673	SN74LS83N	01295	MICROCIRCUIT	EA	3
2	33	PAHZZ	5962-00-256-0344	SN7420N	01295	MICROCIRCUIT	EA	1
2	34	PAHZZ	5962-00-421-0113	SN7451N	01295	MICROCIRCUIT	EA	1
2	35	PAHZZ	5962-00-927-1568	SN7430N	01295	MICROCIRCUIT	EA	1
2	36	PAHZZ	5962-00-167-3472	DM74L30N	27014	MICROCIRCUIT	EA	1
2	37	PAHZZ	5962-00-007-1005	SN74H55N	01295	MICROCIRCUIT	EA	2
2	38	PAHZZ	5962-00-400-9087	DM74L00N	27014	MICROCIRCUIT	EA	1
2	39	PAHZZ	5962-01-007-2814	93L24DC	07263	MICROCIRCUIT	EA	2
2	40	PAHZZ	5962-00-189-0511	SN74S04N	01295	MICROCIRCUIT	EA	1
2	41	PAHZZ	5962-00-506-6437	SN74S15N	01295	MICROCIRCUIT	EA	1
2	42	PAHZZ	5962-01-015-9585	SN74LS08N	01295	MICROCIRCUIT	EA	1
2	43	PAHZZ	5962-00-175-9225	SN74150N	01295	MICROCIRCUIT	EA	1
2	44	PAHZZ	5962-00-308-9782	SN74S00N	01295	MICROCIRCUIT	EA	3
2	45	PAHZZ	5962-00-632-8291	SN74S51N	01295	MICROCIRCUIT	EA	1
2	46	PAHZZ	5962-01-003-0289	SN74S112N	01295	MICROCIRCUIT	EA	5
2	47	PAHZZ	5962-00-411-6303	1821-0002	28480	MICROCIRCUIT	EA	2
2	48	PAHZZ	5962-00-276-9929	SN7432N	01295	MICROCIRCUIT	EA	1
2	49	PAHZZ	5962-00-308-9907	SN74S74N	01295	MICROCIRCUIT	EA	9
2	50	PAHZZ	5962-01-041-7285	CD4050AE	02735	MICROCIRCUIT	EA	6
2	51	PAHZZ	5962-00-211-1336	SN74S64N	01295	MICROCIRCUIT	EA	10
2	52	PAHZZ	5962-00-481-7442	93L22DC	07263	MICROCIRCUIT	EA	1
2	60	PAHZZ	5905-00-998-1792	0757-0442	28480	RESISTOR	EA	3
2	61	PAHZZ	5905-00-476-5669	0698-3122	28480	RESISTOR	EA	1
2	62	PAHZZ	5905-00-998-1829	0698-4130	28480	RESISTOR	EA	1
2	63	PAHZZ	5905-00-455-4403	RCR07G2R7JS	81349	RESISTOR, FIXED	EA	1
2	64	PAHZZ	5905-00-909-3834	0683-5105	28480	RESISTOR, FIXED	EA	1
2	65	PAHZZ	5905-00-498-6052	0684-2201	28480	RESISTOR, FIXED	EA	2
2	66	PAHZZ	5905-00-458-9349	RCR05G390JS	81349	RESISTOR, FIXED	EA	1
2	67	PAHZZ	5905-00-407-0088	RCR05G680JS	81349	RESISTOR, FIXED	EA	1
2	68	PAHZZ	5905-00-455-4403	RCR07G2R7JS	81349	RESISTOR, FIXED	EA	1

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION USABLE ON CODES	U/M	QTY INC IN UNIT
2	69	PAHZZ	5905-00-121-9932	RCR07G391JS	81349	RESISTOR, FIXED	EA	4
2	70	PAHZZ	5905-00-114-0711	RCR07G472JS	81349	RESISTOR, FIXED	EA	1
2	71	PAHZZ	5905-00-110-7622	RCR07G682JS	81349	RESISTOR, FIXED	EA	4
2	72	PAHZZ	5905-00-974-6073	0698-0084	28480	RESISTOR, FIXED, FILM.....	EA	2
2	73	PAHZZ	5905-00-481-1357	0698-3150	28480	RESISTOR, FIXED, FILM.....	EA	1
2	74	PAHZZ	5905-00-974-6079	0698-3444	28480	RESISTOR, FIXED, FILM.....	EA	2
2	75	PAHZZ	5905-00-828-0404	0698-3447	28480	RESISTOR, FIXED, FILM.....	EA	1
2	76	PAHZZ	5905-00-853-8190	0757-0280	28480	RESISTOR, FIXED, FILM.....	EA	8
2	77	PAHZZ	5905-00-193-4318	0757-0288	28480	RESISTOR, FIXED, FILM.....	EA	3
2	78	PAHZZ	5905-00-981-7529	0757-0401	28480	RESISTOR, FIXED, FILM.....	EA	2
2	79	PAHZZ	5905-00-998-1796	0757-0407	28480	RESISTOR, FIXED, FILM.....	EA	2
2	80	PAHZZ	5905-00-998-1795	0757-0416	28480	RESISTOR, FIXED, FILM.....	EA	3
2	81	PAHZZ	5905-00-412-4037	0757-0418	28480	RESISTOR, FIXED, FILM.....	EA	1
2	82	PAHZZ	5905-00-140-7182	RNC55K7500FS	81349	RESISTOR, FIXED, FILM.....	EA	18
2	83	PAHZZ	5905-00-929-2529	0757-0438	28480	RESISTOR, FIXED, FILM.....	EA	1
2	84	PAHZZ	5905-00-764-2026	0757-0463	28480	RESISTOR, FIXED, FILM.....	EA	1
2	85	PAHZZ	5905-00-904-4412	0757-0465	28480	RESISTOR, FIXED, FILM.....	EA	1
2	86	PAHZZ	5905-00-257-9210	0757-0472	28480	RESISTOR, FIXED, FILM.....	EA	1
2	87	PAHZZ	5905-00-407-2402	2100-1788	28480	RESISTOR, VARIABLE.....	EA	1
2	88	PAHZZ	5905-00-256-8993	2100-1738	28480	RESISTOR, VARIABLE.....	EA	1
3	3	PDHHL	4931-01-051-3944	01607-66504	28480	CIRCUIT CARD..... CONSISTING OF	EA	1
3	5	PAHZZ	5910-00-539-5293	0160-3466	28480	CAPACITOR, FIXED	EA	1
3	6	PAHZZ	5910-00-581-7084	0160-3448	28480	CAPACITOR, FIXED	EA	2
3	7	PAHZZ	5910-00-036-1474	0160-3451	28480	CAPACITOR, FIXED	EA	11
3	8	PAHZZ	5910-00-007-2002	M39003-01-3003	81349	CAPACITOR, FIXED	EA	2
3	9	PAHZZ	5910-00-807-7253	150D226X9015B2	56289	CAPACITOR, FIXED	EA	3
3	10	PAHZZ	5910-00-463-5949	0160-2204	28480	CAPACITOR, FIXED	EA	3
3	11	PAHZZ	5910-00-911-9271	0160-0161	28480	CAPACITOR, FIXED	EA	1
3	15	PAHZZ	5950-00-146-4869	9100-2276	28480	COIL, RADIO.....	EA	3
3	17	PAHZZ	5935-00-405-7720	252-15-30-300	71785	CONNECTOR.....	EA	2
3	20	PAHZZ	5962-00-329-4689	1820-0577	28480	MICROCIRCUIT.....	EA	1
3	21	PAHZZ	5962-01-012-1460	SN74LS193N	01295	MICROCIRCUIT.....	EA	2
3	22	PAHZZ	5962-00-534-4651	MC14002CP	04713	MICROCIRCUIT.....	EA	1
3	23	PAHZZ	5962-00-481-7442	93L22DC	07263	MICROCIRCUIT.....	EA	1
3	24	PAHZZ	5962-00-211-1336	SN74S64N	01295	MICROCIRCUIT.....	EA	1
3	26	PAHZZ	5962-00-865-4625	SN7400N	01295	MICROCIRCUIT.....	EA	1

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION USABLE ON CODES	U/M	QTY INC IN UNIT
3	27	PAHZZ	5962-00-167-3467	CD4007AD	02735	MICROCIRCUIT.....	EA	1
3	28	PAHZZ	5962-00-169-4730	CD4001AE	02735	MICROCIRCUIT.....	EA	2
3	29	PAHZZ	5962-01-004-1272	SN74LS00N	01295	MICROCIRCUIT.....	EA	1
3	30	PAHZZ	5962-00-169-4729	CD4011AE	02735	MICROCIRCUIT.....	EA	2
3	31	PAHZZ	5962-01-012-4470	MC14528CP	04713	MICROCIRCUIT.....	EA	1
3	32	PAHZZ	5962-00-172-5584	CD4025AE	02735	MICROCIRCUIT.....	EA	1
3	33	PAHZZ	5962-00-430-7207	SN7440N	01295	MICROCIRCUIT.....	EA	1
3	34	PAHZZ	5962-00-169-4728	CD4013AE	02735	MICROCIRCUIT.....	EA	2
3	35	PAHZZ	5962-00-169-4730	CD4001AE	02735	MICROCIRCUIT.....	EA	2
3	36	PAHZZ	5962-01-004-1272	SN74LS00N	01295	MICROCIRCUIT.....	EA	1
3	37	PAHZZ	5962-00-169-4729	CD4011AE	02735	MICROCIRCUIT.....	EA	2
3	38	PAHZZ	5962-00-172-5584	CD4025AE	02735	MICROCIRCUIT.....	EA	1
3	40	PAHZZ	5962-00-430-7207	SN7440N	01295	MICROCIRCUIT.....	EA	1
3	41	PAHZZ	5962-00-169-4728	CD4013AE	02735	MICROCIRCUIT.....	EA	2
3	42	PAHZZ	5962-01-012-4471	MC14520CP	04713	MICROCIRCUIT.....	EA	1
3	43	PAHZZ	5962-00-546-6444	1826-0119	28480	MICROCIRCUIT.....	EA	1
3	44	PAHZZ	5962-00-615-2918	MC1408L-8	04713	MICROCIRCUIT, LINEAR	EA	2
3	45	PAHZZ	5962-01-028-4176	MC1741SCP1	04713	MICROCIRCUIT.....	EA	2
3	46	PAHZZ	5962-00-483-1957	1820-0321	28480	MICROCIRCUIT.....	EA	1
3	47	PAHZZ	5905-00-135-3973	RCR07G221JS	81349	RESISTOR, FIXED	EA	5
3	48	PAHZZ	5905-00-931-1060	CB1031	01121	RESISTOR, FIXED, COMP.....	EA	4
3	49	PAHZZ	5905-00-110-7620	RCR07G102JS	81349	RESISTOR, FIXED	EA	4
3	51	PAHZZ	5905-00-255-3699	RCR05G100JS	81349	RESISTOR, FIXED	EA	2
3	52	PAHZZ	5905-00-114-0710	RCR07G331JS	81349	RESISTOR, FIXED	EA	1
3	53	PAHZZ	5905-00-141-0717	RCR07G473JS	81349	RESISTOR, FIXED	EA	1
3	54	PAHZZ	5905-00-141-0744	RCR07G562JS	81349	RESISTOR, FIXED	EA	8
3	55	PAHZZ	5905-00-107-0656	RCR07G100JS	81349	RESISTOR, FIXED	EA	1
3	56	PAHZZ	5905-00-420-7130	0698-3152	28480	RESISTOR, FIXED, FILM.....	EA	1
3	57	PAHZZ	5905-00-891-4224	0757-0200	28480	RESISTOR, FIXED, FILM.....	EA	4
3	58	PAHZZ	5905-00-432-9152	RNC55K3011FS	81349	RESISTOR, FIXED, FILM.....	EA	4
3	59	PAHZZ	5905-00-853-8190	0757-0280	28480	RESISTOR, FIXED, FILM.....	EA	1
3	60	PAHZZ	5905-00-858-8826	0757-0290	28480	RESISTOR, FIXED, FILM.....	EA	2
3	61	PAHZZ	5905-00-981-7529	0757-0401	28480	RESISTOR, FIXED, FILM.....	EA	1
3	62	PAHZZ	5905-00-998-1796	0757-0407	28480	RESISTOR, FIXED, FILM.....	EA	2
3	64	PAHZZ	5905-00-432-0431	RNC55K8250FS	81349	RESISTOR, FIXED, FILM.....	EA	1
3	65	PAHZZ	5905-00-891-4252	0757-0443	28480	RESISTOR, FIXED, FILM.....	EA	2
3	66	PAHZZ	5905-00-728-9983	0757-0450	28480	RESISTOR, FIXED, FILM.....	EA	1
3	68	PAHZZ	5905-00-758-4795	RNC55K3322FS	81349	RESISTOR, FIXED, FILM FSCM 28480 P/N 0757-0454	EA	1
3	69	PAHZZ	5905-00-264-4027	RNC55K7502FS	81349	RESISTOR, FIXED, FILM.....	EA	1
3	70	PAHZZ	5905-00-904-4412	0757-0465	28480	RESISTOR, FIXED, FILM.....	EA	1

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODES	QTY INC IN UNIT
							U/M	
3	71	PAHZZ	5905-00-257-9210	0757-0472	28480	RESISTOR, FIXED, FILM.....	EA	1
3	72	PAHZZ	5961-00-752-6121	JAN2N753A	81349	SEMICONDUCTOR	EA	1
3	73	PAHZZ	5961-00-137-4608	1854-0071	28480	TRANSISTOR	EA	3
3	74	PAHZZ	5961-00-931-0372	1853-0036	28480	TRANSISTOR	EA	3
4	2	PAHHH	4931-01-057-1552	01607-66502	28480	CIRCUIT CARD..... CONSISTING OF	EA	1
4	3	PAHZZ	5910-01-036-1474	0160-3451	28480	CAPACITOR, FIXED.....	EA	2
4	4	PAHZZ	5910-00-078-1946	30D106F100DC2	56289	CAPACITOR, FIXED.....	EA	1
4	5	PAHZZ	5910-00-915-1393	0180-0137	28480	CAPACITOR, FIXED.....	EA	2
4	6	PAHZZ	5910-00-463-5949	0160-2204	28480	CAPACITOR, FIXED.....	EA	1
4	7	PAHZZ	5999-00-333-9620	2110-0269	28480	CLIP, ELECTRICAL.....	EA	1
4	8	PAHZZ	5920-00-296-0446	2110-0033	28480	FUSE	EA	2
4	9	PAHZZ	5920-00-798-5710	2110-0004	28480	FUSE, CARTRIDGE.....	EA	1
4	10	PAHZZ	5920-00-228-7882	2110-0006	28480	FUSE, CARTRIDGE.....	EA	1
4	11	PAHZZ	5962-00-409-3518	1820-0082	28480	MICROCIRCUIT.....	EA	1
4	12	PAHZZ	5961-01-025-3127	MDA922-4	04713	RECTIFIER.....	EA	1
4	13	PAHZZ	5905-00-133-0440	RCR07G560JS	81349	RESISTOR, FIXED	EA	2
4	14	PAHZZ	5905-00-498-6052	CB2201	01121	RESISTOR, FIXED	EA	1
4	15	PAHZZ	5905-00-135-6046	RCR07G681JS	81349	RESISTOR, FIXED	EA	1
4	16	PAHZZ	5905-00-858-9105	0757-0274	28480	RESISTOR, FIXED, FILM.....	EA	1
4	17	PAHZZ	5905-00-929-2529	0757-0438	28480	RESISTOR, FIXED, FILM.....	EA	1
4	18	PAHZZ	5905-00-853-8190	0757-0280	28480	RESISTOR, FIXED, FILM.....	EA	1
4	19	PAHZZ	5961-00-136-3959	2N4441	04713	SEMICONDUCTOR	EA	1
4	20	PAHZZ	5961-00-911-9275	1901-0049	28480	SEMICONDUCTOR	EA	1
4	21	PAHZZ	5961-00-995-2310	JAN1N752A	81349	SEMICONDUCTOR	EA	1
4	22	PAHZZ	5961-00-929-2857	1853-0062	28480	TRANSISTOR	EA	1

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Section III. NATIONAL STOCK NUMBER AND PART NUMBER INDEX

National STOCK NUMBER	FIGURE NO.	ITEM NO.	National STOCK NUMBER	FIGURE NO.	ITEM NO.
5962-00-007-1005	2	37	5905-00-458-9349	2	66
5910-00-007-2002	2	9	5910-00-463-5949	2	15
5910-00-007-2002	3	8	5910-00-463-5949	3	10
6240-00-060-2941	1	41	5910-00-463-5949	4	6
5910-00-075-9238	2	11	5905-00-476-5669	2	61
5910-00-078-1946	4	4	5905-00-481-1357	2	73
5910-00-089-3496	2	14	5962-00-481-7442	2	52
5355-00-100-6778	1	35	5962-00-481-7442	3	23
5905-00-107-0656	3	55	5962-00-483-1957	3	46
5905-00-110-5137	1	71	5905-00-498-6052	2	65
5905-00-110-7620	3	49	5905-00-498-6052	4	14
5905-00-110-7622	2	71	5962-00-506-6437	2	41
5905-00-114-0710	2	5	5935-00-511-4046	2	21
5905-00-114-0711	3	7	5962-00-534-4651	3	22
5905-00-121-9932	2	69	5910-00-539-5293	3	5
5910-00-127-1668	2	7	5962-00-546-6444	3	43
5905-00-133-0440	4	13	5910-00-561-7084	2	5
5905-00-135-3973	3	47	5910-00-581-7084	3	6
5905-00-135-6046	4	15	5962-00-592-6020	1	53
5961-00-136-3959	4	19	5962-00-615-3918	3	44
5961-00-137-4608	3	73	5962-00-615-7667	2	29
5970-00-138-8769	1	27	5962-00-632-8291	2	45
5905-00-139-2314	1	75	5905-00-728-9983	3	66
5905-00-140-7182	2	82	5961-00-752-6121	3	72
5905-00-141-0717	3	53	5905-00-758-4795	3	68
5905-00-141-0744	3	54	5905-00-764-2026	2	84
5950-00-146-4869	3	15	5910-00-774-7294	2	12
5962-00-167-3467	3	27	5935-00-778-9955	1	9
5962-00-167-3472	2	36	5950-00-779-3472	2	19
5962-00-169-4728	3	34	5920-00-794-3215	1	19
5962-00-169-4728	3	41	5920-00-798-5710	4	9
5962-00-169-4729	3	30	5935-00-804-5144	1	7
5962-00-169-4129	3	37	5910-00-807-7253	2	10
5962-00-169-4730	3	28	5910-00-807-7253	3	9
5962-00-169-4730	3	35	5910-00-809-4701	2	8
5962-00-172-5584	3	32	5905-00-828-0404	2	75
5962-00-172-5584	3	38	5910-00-852-2655	2	13
5962-00-175-9225	2	43	5905-00-853-8190	2	76
5962-00-189-0511	2	40	5905-00-853-8190	3	59
5905-00-193-4318	2	77	5905-00-853-8190	4	18
5962-00-211-1336	2	51	5905-00-858-8826	3	60
5962-00-211-1336	3	24	5905-00-858-9105	4	16
5961-00-223-0022	1	87	5962-00-865-4625	3	26
5920-00-228-7882	4	10	5920-00-881-4636	1	21
5935-00-233-6728	1	11	5905-00-891-4224	3	57
5910-00-234-9817	2	4	5905-00-891-4252	3	65
5905-00-255-3699	3	51	5905-00-904-4412	2	85
5962-00-256-0344	2	33	5905-00-904-4412	3	70
5905-00-256-8993	2	88	5905-00-909-3834	2	64
5905-00-257-9210	2	86	5910-00-911-9271	3	11
5905-00-251-9210	3	71	5961-00-911-9275	4	20
5905-00-264-4027	3	69	5910-00-915-1393	4	5
5962-00-276-9929	2	48	5962-00-927-1568	2	35
5920-00-296-0446	4	8	5905-00-929-2529	2	83
5962-00-308-9782	2	44	5905-00-929-2529	4	17
5962-00-308-9907	2	49	5961-00-929-2857	4	22
5962-00-313-6950	2	31	5961-00-931-0372	3	74
5962-00-329-4659	3	20	5905-00-931-1060	3	48
5999-00-333-9620	4	7	5905-00-974-6073	1	63
5930-00-372-1972	1	81	5905-90-974-6073	2	72
5962-00-400-9387	2	38	5905-00-974-6079	2	74
5910-00-403-8872	2	17	5905-00-981-7529	2	78
5935-00-405-7720	2	22	5905-00-981-7529	3	61
5935-00-405-7720	3	17	5961-00-995-2310	4	21
5905-00-407-0069	1	73	5905-00-998-1792	2	60
5905-00-407-0088	2	67	5905-00-998-1795	2	80
5905-00-407-2402	2	87	5905-00-998-1795	2	79
5962-00-409-3518	4	11	5905-00-998-1796	3	62
5962-00-411-6303	2	47	5905-00-998-1829	2	62
5905-00-412-4037	2	81	5962-01-003-0289	2	46
6150-00-415-5038	1	5	5962-01-004-1272	3	29
5905-00-420-7130	3	56	5962-01-004-1272	3	36
5962-00-421-0113	2	34	5962-01-007-2814	2	39
5910-00-430-5675	2	16	6250-01-007-6860	1	3
5962-00-430-7207	3	33	5962-01-012-1460	3	21
5962-00-430-7207	3	40	5962-01-012-4470	3	31
5905-00-432-0431	3	64	5962-01-012-4471	3	42
5905-00-432-9152	3	58	5962-01-015-5985	2	42
5905-00-455-4403	2	63	5962-01-016-2681	1	55
5905-00-455-4403	2	68	5961-01-025-3127	4	12
5962-01-028-4176	3	45	6210-01-041-0009	1	45
5910-01-036-1474	2	6	5962-01-041-7285	2	50
5910-01-036-1474	3	7	4931-01-050-4926	2	3
5910-01-036-1474	4	3	4931-01-051-3944	3	3
5962-01-037-7673	2	32	4931-01-057-1552	4	2

Manufacturer's Part Number Cross Reference to Figure and Item Number

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CB1031	01121	3	48	0140-0196	28480	2	12
CB2201	01121	4	14	0140-0202	28480	2	13
CD4001AE	02735	3	28	0160-0161	28480	3	11
CD4001AE	02735	3	35	0160-0174	28480	2	4
CD4007AD	02735	3	27	0160-2201	28480	2	14
CD4011AE	02735	3	30	0160-2204	28480	2	15
CD4011AE	02735	3	37	0160-2204	28480	3	10
CD4013AE	02735	3	34	0160-2204	28480	4	6
CD4013AE	02735	3	41	0160-2207	26480	2	16
CD4025AE	02735	3	32	0160-3448	28480	2	5
CD4025AE	02735	3	38	0160-3448	28480	3	6
CD4050AE	02735	2	50	0160-3451	28480	2	6
CM10ED390G03	81349	2	11	0160-3451	28480	3	7
CV31D350	81349	2	17	0160-3451	28480	4	3
DM74L00N	27014	2	38	0160-3466	28480	3	5
DM74L30N	27014	2	36	01600-66511	28480	2	3
JAN1N752A	81349	4	21	01607-66502	28480	4	2
JAN2N753A	81349	3	72	01607-66504	28480	3	3
MC14002CP	04713	3	22	3180-0106	28480	2	7
MC1408L-8	04713	3	44	0180-0106	28480	2	8
MC14520CP	04713	3	42	0180-0137	28480	4	5
MC14528CP	04713	3	31	0180-0197	28480	2	9
MC1741SCP1	04713	3	45	0370-1005	28480	1	35
MC7912CP	04713	1	53	0683-5105	28480	2	64
MDA922-4	04713	4	12	0698-2201	28480	2	65
M39003-01-3003	81349	3	8	0698-0084	28480	1	63
RCR05G100JS	81349	3	51	0698-0084	28480	2	72
RCR05G390JS	81349	2	66	0698-3122	28480	2	61
RCR05G680JS	81349	2	67	0698-3150	28480	2	73
RCR07G100JS	81349	3	55	0698-3152	28480	3	56
RCR07G102JS	81349	3	49	0698-3444	28480	2	74
RCR07G2R7JS	81349	2	63	0698-3447	28480	2	75
RCR07G2R7JS	81349	2	68	0698-4130	28480	2	62
RCR07G221JS	81349	3	47	0757-0200	28480	3	57
RCR07G331JS	81349	3	52	0757-0274	28480	4	16
RCR07G391JS	81349	2	69	0757-0280	28480	2	76
RCR07G472JS	81349	2	70	0757-0280	28480	3	59
RCR07G473JS	81349	3	53	0757-0280	28480	4	18
RCR07G560JS	81349	4	13	0757-0288	28480	2	77
RCR07G562JS	81349	3	54	0757-0290	28480	3	60
RCR07G681JS	81349	4	15	0757-0401	28480	2	78
RCR07G682JS	81349	2	71	0757-0401	28480	3	61
RNC55K3011FS	81349	3	58	0757-0407	28480	2	79
RNC55K3322FS	81349	3	68	0757-0407	28480	3	62
RNC55K7500FS	81349	2	82	0757-0416	28480	2	80
RNC55K7502FS	81349	3	69	0757-0418	28480	2	81
RNC55K8250FS	81349	3	64	0757-0438	28480	2	83
SN74H55N	01295	2	37	0757-0438	28480	4	17
SN74LS00N	01295	3	29	0757-0442	28480	2	60
SN74LS00N	01295	3	36	0757-0443	28480	3	65
SN74LS08N	01295	2	42	0757-0450	28480	3	66
SN74LS193N	01295	3	21	0757-0463	28480	2	84
SN74LS83N	01295	2	32	0757-0465	28480	2	85
SN74S00N	01295	2	44	0757-0465	28480	3	70
SN74S04N	01295	2	40	0757-0472	28480	2	86
SN74S112N	01295	2	46	0757-0472	28480	3	71
SN74S15N	01295	2	41	1-331677-3	00779	2	21
SN74S51N	01295	2	45	1250-0083	28480	1	7
SN74S64N	01295	2	51	1251-0085	28480	1	9
SN74S64N	01295	3	24	1251-2357	28480	1	11
SN74S74N	01295	2	49	1400-0084	28480	1	21
SN7400N	01295	3	26	1450-0404	28480	1	45
SN74150N	01295	2	43	1500226X901582	56289	2	10
SN7420N	01295	2	33	1500226X901582	56289	3	9
SN7430N	01295	2	35	1820-0082	28480	4	11
SN7432N	01295	2	48	1820-0321	28480	3	46
SN7440N	01295	3	33	1820-0577	28480	3	20
SN7440N	01295	3	40	1820-0584	28480	2	29
SN7451N	01295	2	34	1821-0002	28480	2	47
00183-67701	28480	1	3	1826-0119	28480	3	43
1853-0036	28480	3	74	2110-0269	28480	4	7
1853-0062	28480	4	22	2140-0016	28480	1	41
1854-0071	28480	3	73	252-15-30-300	71785	2	22
1854-0433	28480	1	87	252-15-30-300	71785	3	17
1931-0049	28480	4	20	30D106F100DC2	56289	4	4
2N14441	04713	4	19	3101-1609	28480	1	81
2100-1738	28480	2	88	43-77-2	13103	1	27
2100-1788	28480	2	87	7812UC	07263	1	55
2100-2062	28480	1	71	8120-1521	28480	1	5
2100-2492	28480	1	73	9100-2259	28480	2	19
2100-2635	28480	1	75	9100-2276	28480	3	15
2110-0004	28480	4	9	93L22DC	07263	2	52
2110-0006	28480	4	10	93L22DC	07263	3	23
2110-0007	28480	1	19	93L24DC	07263	2	39
2110-0033	28480	4	8	9602DC	07263	2	31

By Order of the Secretary of the Army:

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