

DIAGRAMS AND REPLACEABLE PARTS

6-1 INTRODUCTION

6-2 This section contains the circuits, component location diagrams and the lists of replaceable parts. Waveforms shown with the circuits are included for guidance only and failure to observe identical results should not be automatically taken as indication of a fault.

6-3 ORDERING INFORMATION**6-4 General**

6-5 The replaceable parts tables give parts in alphanumerical order of their reference designators and indicate the description and HP stock number of each part, together with any applicable notes.

6-6 To order a replacement part, address order or enquiry either to your authorized Hewlett-Packard sales representative or to:

CUSTOMER SERVICE
Hewlett-Packard Company,
333 Logue Avenue,
Mountain View, California 94040

or, in Western Europe, to:

Hewlett-Packard (Schweiz) SA
Rue du Bois-du-Lan 7
1217 Meyrin 2
Geneva

6-7 Specify the following information for each part:

- a) Model and complete serial number of instrument.
- b) Hewlett-Packard stock number.
- c) Circuit reference stock number.
- d) Description.

To order a part not listed, give a complete description of the part and include its function and location.

Table 6-1. Reference Designators

A = assembly	U = micro-circuit
B = motor	P = plug
BT = battery	Q = transistor
C = capacitor	R = resistor
CP = coupler	RT = thermistor
CR = diode	S = switch
DL = delay line	T = transformer
DS = lamp	TB = terminal board
F = fuse	V = vacuum, tube, neon bulb, photocell, etc.
FL = filter	VR = voltage regulator
HR = heater	W = cable
J = jack	X = socket
K = relay	Y = crystal
L = inductor	TP = test point
M = meter	

Table 6-4. Frame Replaceable Parts List

Reference Designation	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
A5 A6 A7	08012-66525 08013-66524 08013-66525		BOARD ASSEMBLY, TIMING BOARD ASSEMBLY, AMPLIFIER OUTPUT BOARD ASSEMBLY, MOTHER	28480 28480 28480	08012-66525 08013-66524 08013-66525
DS1	2140-0253	1	LAMP-INCAND T-1 BULB 28V	17537	641ANSI 68399
F1 F1 XF1	2100-0007 2110-0202 1400-0084	1 1 1	FUSE 1A 250V SLO-BLO 1.25X.25 UL FUSE .5A 250V SLO-BLO 1.25X.25 UL IEC FUSE HOLDER EXTR POST BAY CAP 15A	71400 75915 28480	MDL-1 313.500S 1400-0084
J1 J2 J3 J4 J5	1250-0118 1250-0118 1250-0118 1250-0118 1250-0118	6	CONNECTOR-RF BNC FEM SGL HOLE FR CONNECTOR-RF BNC FEM SGL HOLE FR CONNECTOR-RF BNC FEM SGL HOLE FR CONNECTOR-RF BNC FEM SGL HOLE FR CONNECTOR-RF BNC FEM SGL HOLE FR	90949 90949 90949 90949 90949	31-2221-1022 31-2221-1022 31-2221-1022 31-2221-1022 31-2221-1022
J6 J7 MP1 MP2 MP3 MP5	1250-0118 1251-4470 1450-0404 0370-1005 5040-1124 5040-0445	1 1 7 1 1 2	CONNECTOR-RF BNC FEM SGL HOLE FR CONN AC PWR MALE LIGHT-IND LENS CAP CLR TL LENS KNOB-BASE-PTR .375 IN JGK SGI-DECAL KNOB, PUSHBUTTON, POWER FOOT ASSEMBLY	90949 28480 28480 28480 28480 28480	31-2221-1022 1251-4470 1450-0404 0370-1005 5040-1124 5040-0445
MP7 MP8 MP9 MP10	08012-00224 08012-74101 08013-00223 1460-1300	1 2 1 1	PANEL, REAR COVER ASSEMBLY PANEL, FRONT STAND, TILT	28480 28480 28480 28480	08012-00224 08012-74101 08013-00223 1460-1300
R1 R2 R3 R4 R5	2100-3081 2100-3081 2100-3081 0758-0024 0758-0126	3 1 1	RESISTOR-VAR CONTROL CC 50K 10% 10CW RESISTOR-VAR CONTROL CC 50K 10% 10CW RESISTOR-VAR CONTROL CC 50K 10% 10CW RESISTOR 100 5% .25W F TC=0+-100 RESISTOR 51 5% .25W F TC=0+-100	12697 12697 12697 24566 24566	SERIES 63M SERIES 63M SERIES 63M C5-1/4-T0-101-J C5-1/4-T0-51R0-J
R7 R8 R9 R10	2100-2066 2100-2066 2100-2488 2100-2488	2 2	RESISTOR-VAR CONTROL CC 2K 20% LIN RESISTOR-VAR CONTROL CC 2K 20% LIN RESISTOR-VAR CONTROL CC 10K 20% LIN RESISTOR-VAR CONTROL CC 10K 20% LIN	12697 12697 12697 12697	382 382 382 382
S1 S2 S5	3101-0903 3101-1609 3101-0124	1 1 1	SWITCH-SL DP3T-NS MINTR .5A 125VAC/DC SWITCH-SL 2-DPDT-NS STD 1.5A 250VAC SLDR SWITCH-PB SPST NC MOM	79727 82389 82389	G1285-0003A 11E-1036 962
T1 W1 W2 W3 W4 W5 W6 W7	9100-3470 8120-1378 08012-61641 08013-61642 08013-61640 08013-61640 08012-61644 08012-61640	1 1 1 4 1 1 1	TRANSFORMER, POWER POWER CORD 7.5 FEET CABLE ASSEMBLY, SHIL INPUT CABLE ASSEMBLY, SET SHIL CABLE ASSEMBLY, SET SHIL CABLE ASSEMBLY, SET SHIL CABLE ASSEMBLY, SET SHIL CABLE ASSEMBLY, SHIL POWER	28480 28480 28480 28480 28480 28480 28480 28480	9100-3470 8120-1378 08012-61641 08013-61642 08013-61640 08013-61640 08012-61644 08012-61640

See table 6-3 for Manufacturer Codes

Table 6-5. Board A5 Replaceable Parts List

Reference Designation	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
A5	08012-66525	1	BOARD ASSEMBLY, TIMING	28480	08012-66525
A5C1	0150-0121	20	CAPACITOR-FXD .1UF +80-20% 50WVDC CER	28480	0150-0121
A5C2	0150-0093	47	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C3	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C4	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C5	0160-2199	1	CAPACITOR-FXD 30PF +-5% 300WVDC MICA	28480	0160-2199
A5C6	0180-0374	6	CAPACITOR-FXD: 10UF+-10% 20VDC TA-SOLID	56289	1500106X902082
A5C7	0140-0204	1	CAPACITOR-FXD 47PF +-5% 500WVDC MICA	72136	DM15E470J0500WV1CR
A5C8	0150-0121		CAPACITOR-FXD .1UF +80-20% 50WVDC CER	28480	0150-0121
A5C9	0150-0121		CAPACITOR-FXD .1UF +80-20% 50WVDC CER	28480	0150-0121
A5C10	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C11	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C12	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C13	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C14	0160-2198	4	CAPACITOR-FXD 20PF +-5% 300WVDC MICA	28480	0160-2198
A5C15	0160-2197	1	CAPACITOR-FXD 10PF +-5% 300WVDC MICA	28480	0160-2197
A5C16	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C17	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C18	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C19	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C20	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C21	0160-3714	1	CAPACITOR-FXD 5600PF +-10% 250WVDC MET	28480	0160-3714
A5C22	0160-3725	3	CAPACITOR-FXD .68UF +-10% 40WVDC MET	28480	0160-3725
A5C23	0180-0375	3	CAPACITOR-FXD: 68UF+-10% 20VDC TA-SOLID	56289	1500686X902082
A5C24	0121-0046	3	CAPACITOR-V TRMR-CER 9/35PF 200V PC-MTG	00865	304322 9/35PF N650
A5C25	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C26	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C27	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C28	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C29	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C30	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C31	0150-0093	2	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C32	0160-3220		CAPACITOR-FXD 6800PF +-5% 250WVDC MET	FR009	CR3-68
A5C33	0160-3725		CAPACITOR-FXD .68UF +-10% 40WVDC MET	28480	0160-3725
A5C34	0180-0375		CAPACITOR-FXD: 68UF+-10% 20VDC TA-SOLID	56289	1500686X902082
A5C35	0121-0046		CAPACITOR-V TRMR-CER 9/35PF 200V PC-MTG	00865	304322 9/35PF N650
A5C36	0150-0121		CAPACITOR-FXD .1UF +80-20% 50WVDC CER	28480	0150-0121
A5C37	0150-0121		CAPACITOR-FXD .1UF +80-20% 50WVDC CER	28480	0150-0121
A5C38	0150-0121		CAPACITOR-FXD .1UF +80-20% 50WVDC CER	28480	0150-0121
A5C39	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C40	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C41	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C42	0160-3220		CAPACITOR-FXD 6800PF +-5% 250WVDC MET	FR009	CR3-68
A5C43	0160-3725		CAPACITOR-FXD .68UF +-10% 40WVDC MET	28480	0160-3725
A5C44	0180-0375		CAPACITOR-FXD: 68UF+-10% 20VDC TA-SOLID	56289	1500686X902082
A5C45	0121-0046		CAPACITOR-V TRMR-CER 9/35PF 200V PC-MTG	00865	304322 9/35PF N650
A5C46	0150-0121		CAPACITOR-FXD .1UF +80-20% 50WVDC CER	28480	0150-0121
A5C47	0150-0121		CAPACITOR-FXD .1UF +80-20% 50WVDC CER	28480	0150-0121
A5C48	0150-0121		CAPACITOR-FXD .1UF +80-20% 50WVDC CER	28480	0150-0121
A5C49	0150-0121		CAPACITOR-FXD .1UF +80-20% 50WVDC CER	28480	0150-0121
A5C50	0140-0191	1	CAPACITOR-FXD 56PF +-5% 300WVDC MICA	72136	DM15E56J0300WV1CR
A5C51	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C52	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C53	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C54	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C55	0160-2198		CAPACITOR-FXD 20PF +-5% 300WVDC MICA	28480	0160-2198
A5C56	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C57	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C58	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C59	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C60	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C61	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C62	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C63	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C64	0160-2198		CAPACITOR-FXD 20PF +-5% 300WVDC MICA	28480	0160-2198
A5C65	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C66	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5C68	0180-0374		CAPACITOR-FXD: 10UF+-10% 20VDC TA-SOLID	56289	1500106X902082
A5C69	0150-0093		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A5CR1	1901-0040	34	DIODE-SWITCHING 30V 50NA 2NS 00-35	28480	1901-0040
A5CR2	1901-0040		DIODE-SWITCHING 30V 50NA 2NS 00-35	28480	1901-0040
A5CR3	1901-0040		DIODE-SWITCHING 30V 50NA 2NS 00-35	28480	1901-0040
A5CR4	1901-0040		DIODE-SWITCHING 30V 50NA 2NS 00-35	28480	1901-0040
A5CR5	1901-0040		DIODE-SWITCHING 30V 50NA 2NS 00-35	28480	1901-0040

See table 6-3 for Manufacturer Codes

Table 6-5 (cont'd), Board A5 Replaceable Parts List

Reference Designation	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
A5CR6	1901-0040	1	DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR7	1902-0037		DIODE-ZNR 9.09V 10% DO-7 PD=.4W	04713	10939-159
A5CR8	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR9	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR10	1901-0179		DIODE-SWITCHING 15V 50NA 75DPS DO-7	28480	1901-0179
A5CR11	1901-0040	8	DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR12	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR13	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR14	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR15	1901-0533		DIODE-SCHOTTKY	28480	1901-0533
A5CR16	1901-0040	2	DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR17	1910-0022		DIODE-GE 5V 60NA 3.5NS DO-7	28480	1910-0022
A5CR18	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR19	1902-0049		DIODE-SWITCHING 30V 50NA 2NS DO-35	04713	SZ 10939-122
A5CR20	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR21	1902-0126	2	DIODE-ZNR 2.61V 5% DO-7 PD=.4W TC=-.073%	04713	SZ 10939-14
A5CR22	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR23	1902-0025		DIODE-ZNR 10V 5% DO-7 PD=.4W TC=+.06%	04713	SZ 10939-182
A5CR25	1901-0040	1	DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR26	1902-0049		DIODE-ZNR 6.19V 5% DO-7 PD=.4W TC=+.022%	04713	SZ 10939-122
A5CR27	1902-0126		DIODE-ZNR 2.61V 5% DO-7 PD=.4W TC=-.073%	04713	SZ 10939-14
A5CR28	1910-0034		DIODE-GE 30V 80NA 8NS DO-7	28480	1910-0034
A5CR29	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR30	1901-0040	DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040	
A5CR31	1901-0040	2	DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR32	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR33	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR34	1902-0032		DIODE-ZNR 5.49V 5% DO-7 PD=.4W TC=+.009%	04713	SZ 10939-107
A5CR35	1902-0032		DIODE-ZNR 5.49V 5% DO-7 PD=.4W TC=+.009%	04713	SZ 10939-107
A5CR36	1902-0025	1	DIODE-ZNR 10V 5% DO-7 PD=.4W TC=+.06%	04713	SZ 10939-182
A5CR37	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR38	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR39	1901-0533		DIODE-SCHOTTKY	28480	1901-0533
A5CR40	1901-0533		DIODE-SCHOTTKY	28480	1901-0533
A5L1	9100-1611	3	COIL-FXD MOLDED RF CHOKE .22UH 20%	24226	15/220
A5L2	9100-1614		COIL-FXD MOLDED RF CHOKE .82UH 10%	24226	15/820
A5L3	9100-1611	2	COIL-FXD MOLDED RF CHOKE .22UH 20%	24226	15/220
A5L4	9170-0029		CORE-SHIELDING BEAD	02114	56-590-65A2/4A
A5L6	9140-0179	6	COIL-FXD MOLDED RF CHOKE 22UH 10%	24226	15/222
A5L7	9100-1613	3	COIL-FXD MOLDED RF CHOKE .47UH 20%	24226	15/470
A5L8	9140-0094		COIL-FXD MOLDED RF CHOKE .68UH 10%	24226	15/680
A5L9	9140-0179	1	COIL-FXD MOLDED RF CHOKE 22UH 10%	24226	15/222
A5L11	9100-1612		COIL-FXD MOLDED RF CHOKE .33UH 20%	24226	15/330
A5L12	9140-0096	2	COIL-FXD MOLDED RF CHOKE 1UH 10%	24226	15/101
A5L13	9140-0096	1	COIL-FXD MOLDED RF CHOKE 1UH 10%	24226	15/101
A5L14	9100-1613		COIL-FXD MOLDED RF CHOKE .47UH 20%	24226	15/470
A5L15	9100-1613		COIL-FXD MOLDED RF CHOKE .47UH 20%	24226	15/470
A5L16	9140-0112		COIL-FXD MOLDED RF CHOKE 4.7UH 10%	24226	15/471
A5L17	9170-0029		CORE-SHIELDING BEAD	02114	56-590-65A2/4A
A5L18	9100-1614	1	COIL-FXD MOLDED RF CHOKE .82UH 10%	24226	15/820
A5L19	9170-0029		CORE-SHIELDING BEAD	02114	56-590-65A2/4A
A5HP28	1205-0037	10	HEAT-DISSIPATOR SGL TD-36 PKG	28480	1205-0037
A5HP29	1205-0037		HEAT-DISSIPATOR SGL TC-36 PKG	28480	1205-0037
A501	1854-0296	2	TRANSISTOR NPN SI TD-92 PD=310MW	28480	1854-0296
A502	1854-0296		TRANSISTOR NPN SI TD-92 PD=310MW	28480	1854-0296
A503	1854-0092	4	TRANSISTOR NPN SI PD=200MW FT=600MHZ	28480	1854-0092
A504	1854-0092		TRANSISTOR NPN SI PD=200MW FT=600MHZ	28480	1854-0092
A505	1853-0096	1	TRANSISTOR PNP SI TD-18 PD=360MW	28480	1853-0096
A506	1854-0019	4	TRANSISTOR NPN SI TD-18 PD=360MW	28480	1854-0019
A507	1853-0034		TRANSISTOR PNP SI TD-18 PD=360MW	28480	1853-0034
A508	1853-0034	3	TRANSISTOR PNP SI TD-18 PD=360MW	28480	1853-0034
A509	1853-0218		TRANSISTOR PNP SI TD-18 PD=360MW	28480	1853-0218
A5010	1853-0036	20	TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5011	1853-0218	8	TRANSISTOR PNP SI TD-18 PD=360MW	28480	1853-0218
A5012	1853-0218		TRANSISTOR PNP SI TD-18 PD=360MW	28480	1853-0218
A5013	1854-0431		TRANSISTOR NPN 2N5179 SI TD-72 PD=200MW	04713	2N5179
A5014	1853-0218		TRANSISTOR PNP SI TD-18 PD=360MW	28480	1853-0218
A5015	1853-0218		TRANSISTOR PNP SI TD-18 PD=360MW	28480	1853-0218
A5016	1854-0009	4	TRANSISTOR NPN 2N709 SI TD-18 PD=300MW	28480	1854-0009
A5017	1854-0215		TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	SPS 3611
A5018	1854-0215		TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	SPS 3611
A5019	1854-0215		TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	SPS 3611
A5020	1854-0019		TRANSISTOR NPN SI TD-18 PD=360MW	28480	1854-0019

See table 6-3 for Manufacturer Codes

Table 6-5 (cont'd). Board A5 Replaceable Parts List

Reference Designation	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
A5Q21	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5Q22	1854-0019		TRANSISTOR NPN SI TO-18 PD=360MW	28480	1854-0019
A5Q23	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5Q24	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5Q25	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5Q26	1853-0036		TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0036
A5Q27	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5Q28	1854-0019		TRANSISTOR NPN SI TO-18 PD=360MW	28480	1854-0019
A5Q29	1853-0096		TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0096
A5Q30	1854-0431		TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	04713	2N5179
A5Q31	1854-0431		TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	04713	2N5179
A5Q32	1853-0018	1	TRANSISTOR PNP SI TO-72 PD=200MW FT=1GHZ	28480	1853-0018
A5Q33	1853-0018		TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0018
A5Q34	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5Q35	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5Q36	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5Q37	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5Q38	1853-0018		TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0018
A5Q39	1853-0018		TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0018
A5Q40	1854-0431		TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	04713	2N5179
A5Q41	1854-0431		TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	04713	2N5179
A5Q42	1854-0009		TRANSISTOR NPN 2N709 SI TO-18 PD=300MW	28480	1854-0009
A5Q43	1853-0018		TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0018
A5Q44	1853-0015	1	TRANSISTOR PNP SI PD=200MW FT=500MHZ	28480	1853-0015
A5Q45	1854-0431		TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	04713	2N5179
A5Q46	1854-0431		TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	04713	2N5179
A5Q47	1854-0009		TRANSISTOR NPN 2N709 SI TO-18 PD=300MW	28480	1854-0009
A5Q48	1854-0215		TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	SP5 3611
A5Q49	1854-0215		TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	SP5 3611
A5Q50	1854-0092		TRANSISTOR NPN SI PD=200MW FT=600MHZ	28480	1854-0092
A5Q51	1854-0092		TRANSISTOR NPN SI PD=200MW FT=600MHZ	28480	1854-0092
A5Q52	1854-0009		TRANSISTOR NPN 2N709 SI TO-18 PD=300MW	28480	1854-0009
A5Q53	1853-0018		TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0018
A5Q54	1853-0018	2	TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0018
A5Q55	1853-0018		TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0018
A5R1	0758-0024	3	RESISTOR 100 5% .25W F TC=0+-100	24546	C4-1/8-T0-101-F
A5R2	0698-0083	4	RESISTOR 1.96K 1% .125W F TC=0+-100	16299	C4-1/8-T0-1961-F
A5R3	0698-0083		RESISTOR 1.96K 1% .125W F TC=0+-100	16299	C4-1/8-T0-1961-F
A5R4	0757-0276	1	RESISTOR 61.9 1% .125W F TC=0+-100	24546	C4-1/8-T0-6192-F
A5R5	0698-3443	2	RESISTOR 287 1% .125W F TC=0+-100	16299	C4-1/8-T0-287R-F
A5R6	0698-3443		RESISTOR 287 1% .125W F TC=0+-100	16299	C4-1/8-T0-287R-F
A5R7	0757-0448	3	RESISTOR 18.2K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1822-F
A5R8	0757-1094	3	RESISTOR 1.47K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1471-F
A5R9	0757-0401	14	RESISTOR 100 1% .125W F TC=0+-100	24546	C4-1/8-T0-101-F
A5R10	0757-0400	3	RESISTOR 90.9 1% .125W F TC=0+-100	24546	C4-1/8-T0-909R-F
A5R11	0757-0421	3	RESISTOR 825 1% .125W F TC=0+-100	24546	C4-1/8-T0-825R-F
A5R12	0757-0282	2	RESISTOR 221 1% .125W F TC=0+-100	24546	C4-1/8-T0-221R-F
A5R13	0757-0420	4	RESISTOR 750 1% .125W F TC=0+-100	24546	C4-1/8-T0-751-F
A5R14	0757-0426	3	RESISTOR 1.3K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1301-F
A5R15	0698-4426	1	RESISTOR 1.58K 1% .125W F TC=0+-100	16299	C4-1/8-T0-1581-F
A5R16	0757-0407	7	RESISTOR 200 1% .125W F TC=0+-100	24546	C4-1/8-T0-201-F
A5R17	0757-0395	3	RESISTOR 56.2 1% .125W F TC=0+-100	24546	C4-1/8-T0-562R-F
A5R18	0757-0442	11	RESISTOR 10K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1002-F
A5R19	0757-0399	3	RESISTOR 82.5 1% .125W F TC=0+-100	24546	C4-1/8-T0-825R-F
A5R20	0757-0409	4	RESISTOR 274 1% .125W F TC=0+-100	24546	C4-1/8-T0-274R-F
A5R21	0757-0424	5	RESISTOR 1.1K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1101-F
A5R22	0757-0448		RESISTOR 18.2K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1822-F
A5R23	0757-0283	1	RESISTOR 2K 1% .125W F TC=0+-100	24546	C4-1/8-T0-2001-F
A5R24	0757-0428	2	RESISTOR 1.62K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1621-F
A5R25	0757-0406	2	RESISTOR 182 1% .125W F TC=0+-100	24546	C4-1/8-T0-182R-F
A5R26	0757-0443	4	RESISTOR 11K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1102-F
A5R27	0757-0442		RESISTOR 10K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1002-F
A5R28	0757-0442		RESISTOR 10K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1002-F
A5R29	0757-0274	11	RESISTOR 1.21K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1213-F
A5R30	0757-0273	4	RESISTOR 3.01K 1% .125W F TC=0+-100	24546	C4-1/8-T0-3011-F
A5R31	0757-0428		RESISTOR 1.62K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1621-F
A5R32	0698-0085	1	RESISTOR 2.61K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2611-F
A5R33	0757-0404	4	RESISTOR 130 1% .125W F TC=0+-100	24546	C4-1/8-T0-131-F
A5R34	0757-0401		RESISTOR 100 1% .125W F TC=0+-100	24546	C4-1/8-T0-101-F
A5R36	0757-0404		RESISTOR 130 1% .125W F TC=0+-100	24546	C4-1/8-T0-131-F
A5F37	0698-3151	1	RESISTOR 2.87K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2871-F
A5F38	0698-0084	7	RESISTOR 2.15K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2151-F
A5F39	0757-0438	12	RESISTOR 5.11K 1% .125W F TC=0+-100	24546	C4-1/8-T0-5111-F
A5R40	0757-0420		RESISTOR 750 1% .125W F TC=0+-100	24546	C4-1/8-T0-751-F
A5R41	0757-0421		RESISTOR 825 1% .125W F TC=0+-100	24546	C4-1/8-T0-825R-F

See table 6-3 for Manufacturer Codes

Table 6-5 (cont'd). Board A5 Replaceable Parts List

Reference Designation	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
A5R42	0757-0401	2	RESISTOR 100 1% .125W F TC=0+-100	24546	C4-1/8-T0-101-F
A5P43	0757-0401		RESISTOR 100 1% .125W F TC=0+-100	24546	C4-1/8-T0-101-F
A5H44	0757-0403		RESISTOR 121 1% .125W F TC=0+-100	24546	C4-1/8-T0-121R-F
A5R45	0757-0407		RESISTOR 200 1% .125W F TC=0+-100	24546	C4-1/8-T0-201-F
A5R46	0698-0084		RESISTOR 2.15K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2151-F
A5R47	0757-0274		1	RESISTOR 1.21K 1% .125W F TC=0+-100	24546
A5P48	0757-0438	RESISTOR 5.11K 1% .125W F TC=0+-100		24546	C4-1/8-T0-5111-F
A5R49	0757-0438	RESISTOR 5.11K 1% .125W F TC=0+-100		24546	C4-1/8-T0-5111-F
A5R50	0757-0438	RESISTOR 5.11K 1% .125W F TC=0+-100		24546	C4-1/8-T0-5111-F
A5R51	0757-0439	RESISTOR 6.81K 1% .125W F TC=0+-100		24546	C4-1/8-T0-6811-F
A5R52	0757-0443	3		RESISTOR 11K 1% .125W F TC=0+-100	24546
A5R53	0757-0443		RESISTOR 11K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1102-F
A5R54	0757-0274		RESISTOR 1.21K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1213-F
A5R55	0757-0274		RESISTOR 1.21K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1213-F
A5R56	0757-0417		RESISTOR 562 1% .125W F TC=0+-100	24546	C4-1/8-T0-562R-F
A5R57	0757-0438		2	RESISTOR 5.11K 1% .125W F TC=0+-100	24546
A5R58	0757-0433	RESISTOR 3.32K 1% .125W F TC=0+-100		24546	C4-1/8-T0-3321-F
A5R59	0757-0427	RESISTOR 1.5K 1% .125W F TC=0+-100		24546	C4-1/8-T0-1501-F
A5R60	0757-0273	3	RESISTOR 3.01K 1% .125W F TC=0+-100	24546	C4-1/8-T0-3011-F
A5R61	0757-0273		RESISTOR 3.01K 1% .125W F TC=0+-100	24546	C4-1/8-T0-3011-F
A5R62	0757-0391		RESISTOR 39.2 1% .125W F TC=0+-100	24546	C4-1/8-T0-39R2-F
A5R63	0698-3439	1	RESISTOR 178 1% .125W F TC=0+-100	16299	C4-1/8-T0-178R-F
A5R64	0698-0084		RESISTOR 2.15K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2151-F
A5R65	0757-0429		RESISTOR 1.82K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1821-F
A5R66	0757-0447	1	RESISTOR 16.2K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1622-F
A5R67	0757-0917	3	RESISTOR 510 2% .125W F TC=0+-100	24546	C4-1/8-T0-511-G
A5R68	0757-0278		RESISTOR 1.78K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1781-F
A5R69	0698-0084		RESISTOR 2.15K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2151-F
A5R70	0698-3492		RESISTOR 2.67K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2671-F
A5R71	0698-3492		RESISTOR 2.67K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2671-F
A5R72	0698-3492		6	RESISTOR 2.67K 1% .125W F TC=0+-100	16299
A5R73	0698-3158	RESISTOR 23.7K 1% .125W F TC=0+-100		16299	C4-1/8-T0-2372-F
A5R74	0698-3158	RESISTOR 23.7K 1% .125W F TC=0+-100		16299	C4-1/8-T0-2372-F
A5R75	0757-0438	RESISTOR 5.11K 1% .125W F TC=0+-100		24546	C4-1/8-T0-5111-F
A5R76	0757-0438	RESISTOR 5.11K 1% .125W F TC=0+-100		24546	C4-1/8-T0-5111-F
A5R77	0757-0290	4		RESISTOR 6.19K 1% .125W F TC=0+-100	19701
A5R78	0757-0390		RESISTOR 36.5 1% .125W F TC=0+-100	24546	C4-1/8-T0-36R5-F
A5R79	0757-0393		RESISTOR 47.5 1% .125W F TC=0+-100	24546	C4-1/8-T0-47R5-F
A5R80	0757-0390		RESISTOR 36.5 1% .125W F TC=0+-100	24546	C4-1/8-T0-36R5-F
A5R81	0757-0427		RESISTOR 1.5K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1501-F
A5R82	0757-0409		2	RESISTOR 274 1% .125W F TC=0+-100	24546
A5R83	0757-0404	RESISTOR 130 1% .125W F TC=0+-100		24546	C4-1/8-T0-131-F
A5R84	0757-0727	RESISTOR 562 1% .25W F TUBULAR		24546	C5-1/4-T0-562R-F
A5R85	0757-0429	RESISTOR 1.82K 1% .125W F TC=0+-100		24546	C4-1/8-T0-1821-F
A5R86	0757-0284	RESISTOR 150 1% .125W F TC=0+-100		24546	C4-1/8-T0-151-F
A5R87	0757-0284	3		RESISTOR 150 1% .125W F TC=0+-100	24546
A5R88	0757-0282		RESISTOR 221 1% .125W F TC=0+-100	24546	C4-1/8-T0-221R-F
A5R89	0757-0389		RESISTOR 33.2 1% .125W F TC=0+-100	24546	C4-1/8-T0-33R2-F
A5R90	0698-3438		RESISTOR 147 1% .125W F TC=0+-100	16299	C4-1/8-T0-147R-F
A5R91	0698-3158		RESISTOR 23.7K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2372-F
A5R92	0698-3158		1	RESISTOR 23.7K 1% .125W F TC=0+-100	16299
A5R93	0698-3158	RESISTOR 23.7K 1% .125W F TC=0+-100		16299	C4-1/8-T0-2372-F
A5R94	0698-4424	RESISTOR 1.4K 1% .125W F TC=0+-100		16299	C4-1/8-T0-1401-F
A5R95	0757-0290	RESISTOR 6.19K 1% .125W F TC=0+-100		19701	MF4C1/8-T0-6191-F
A5R96	0757-0401	RESISTOR 100 1% .125W F TC=0+-100		24546	C4-1/8-T0-101-F
A5R97	0757-0278	1		RESISTOR 1.78K 1% .125W F TC=0+-100	24546
A5R98	0698-0084		RESISTOR 2.15K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2151-F
A5R99	0757-0438		RESISTOR 5.11K 1% .125W F TC=0+-100	24546	C4-1/8-T0-5111-F
A5R100	0757-0438		RESISTOR 5.11K 1% .125W F TC=0+-100	24546	C4-1/8-T0-5111-F
A5R101	0757-0438		RESISTOR 5.11K 1% .125W F TC=0+-100	24546	C4-1/8-T0-5111-F
A5R102	0698-3492		1	RESISTOR 2.67K 1% .125W F TC=0+-100	16299
A5R103	0698-3492	RESISTOR 2.67K 1% .125W F TC=0+-100		16299	C4-1/8-T0-2671-F
A5R104	0698-3492	RESISTOR 2.67K 1% .125W F TC=0+-100		16299	C4-1/8-T0-2671-F
A5R105	0757-0390	RESISTOR 36.5 1% .125W F TC=0+-100		24546	C4-1/8-T0-36R5-F
A5R106	0757-0393	RESISTOR 47.5 1% .125W F TC=0+-100		24546	C4-1/8-T0-47R5-F
A5R107	0757-0427	1		RESISTOR 1.5K 1% .125W F TC=0+-100	24546
A5R108	0757-0390		RESISTOR 36.5 1% .125W F TC=0+-100	24546	C4-1/8-T0-36R5-F
A5R109	0757-0409		RESISTOR 274 1% .125W F TC=0+-100	24546	C4-1/8-T0-274R-F
A5R110	0757-0404		RESISTOR 130 1% .125W F TC=0+-100	24546	C4-1/8-T0-131-F
A5R111	0757-0727		RESISTOR 562 1% .25W F TUBULAR	24546	C5-1/4-T0-562R-F
A5R112	0757-0442		1	RESISTOR 10K 1% .125W F TC=0+-100	24546
A5R113	0757-0429	RESISTOR 1.82K 1% .125W F TC=0+-100		24546	C4-1/8-T0-1821-F
A5R114	0757-0401	RESISTOR 100 1% .125W F TC=0+-100		24546	C4-1/8-T0-101-F
A5R115	0757-0394	RESISTOR 51.1 1% .125W F TC=0+-100		24546	C4-1/8-T0-51R1-F

See table 6-3 for Manufacturer Codes

Table 6-5 (cont'd). Board A5 Replaceable Parts List

Reference Designation	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number	
A5R118	0757-0346	9	RESISTOR 10 1% .125W F TC=0+-100	24546	C4-1/8-T0-10R0-F	
A5R119	0698-3492	2	RESISTOR 2.47K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2671-F	
A5R120	0758-0126		RESISTOR 51 5% .25W F TC=0+-100	24546	C5-1/4-T0-51R0-J	
A5R121	0757-0407		RESISTOR 200 1% .125W F TC=0+-100	24546	C4-1/8-T0-201-F	
A5R122	0757-0419		2	RESISTOR 681 1% .125W F TC=0+-100	24546	C4-1/8-T0-681R-F
A5R123	0757-0419	10	RESISTOR 681 1% .125W F TC=0+-100	24546	C4-1/8-T0-681R-F	
A5R124	0757-0280		RESISTOR 1K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1001-F	
A5R125	0757-0437		RESISTOR 4.75K 1% .125W F TC=0+-100	24546	C4-1/8-T0-4751-F	
A5R126	0757-0405		3	RESISTOR 162 1% .125W F TC=0+-100	24546	C4-1/8-T0-162R-F
A5R127	0757-0399	4	RESISTOR 82.5 1% .125W F TC=0+-100	24546	C4-1/8-T0-82R5-F	
A5R128	0757-0411		RESISTOR 332 1% .125W F TC=0+-100	24546	C4-1/8-T0-332R-F	
A5R129	0757-0424		RESISTOR 1.1K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1101-F	
A5R130	0757-0420		RESISTOR 750 1% .125W F TC=0+-100	24546	C4-1/8-T0-751-F	
A5R131	0757-0278		RESISTOR 1.78K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1781-F	
A5R132	0757-0438	1	RESISTOR 5.11K 1% .125W F TC=0+-100	24546	C4-1/8-T0-5111-F	
A5R133	0757-0426		RESISTOR 1.3K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1301-F	
A5R134	0757-0407		RESISTOR 200 1% .125W F TC=0+-100	24546	C4-1/8-T0-201-F	
A5R135	0757-0436		RESISTOR 4.32K 1% .125W F TC=0+-100	24546	C4-1/8-T0-4321-F	
A5R136	0757-0409		RESISTOR 274 1% .125W F TC=0+-100	24546	C4-1/8-T0-274R-F	
A5R137	0757-0430		1	RESISTOR 2.21K 1% .125W F TC=0+-100	24546	C4-1/8-T0-2211-F
A5R138	0757-0274	RESISTOR 1.21K 1% .125W F TC=0+-100		24546	C4-1/8-T0-1213-F	
A5R139	0757-0401	1	RESISTOR 200 1% .125W F TC=0+-100	24546	C4-1/8-T0-200R-F	
A5R140	0757-0401		RESISTOR 100 1% .125W F TC=0+-100	24546	C4-1/8-T0-101-F	
A5R141	0757-0816	1	RESISTOR 470 2% .125W F TC=0+-100	24546	C4-1/8-T0-470R-F	
A5R142	0757-0388	9	RESISTOR 30.1 1% .125W F TC=0+-100	24546	C4-1/8-T0-30R1-F	
A5R143	0757-0437		RESISTOR 4.75K 1% .125W F TC=0+-100	24546	C4-1/8-T0-4751-F	
A5R144	0757-0280		RESISTOR 1K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1001-F	
A5R145	0757-0406		RESISTOR 182 1% .125W F TC=0+-100	24546	C4-1/8-T0-182R-F	
A5R146	0757-1094		RESISTOR 1.47K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1471-F	
A5R147	0757-1094	1	RESISTOR 1.47K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1471-F	
A5R148	0757-0401		RESISTOR 100 1% .125W F TC=0+-100	24546	C4-1/8-T0-101-F	
A5R149	0757-0401		RESISTOR 100 1% .125W F TC=0+-100	24546	C4-1/8-T0-101-F	
A5R150	0757-0346		RESISTOR 10 1% .125W F TC=0+-100	24546	C4-1/8-T0-10R0-F	
A5R151	0757-0414		RESISTOR 432 1% .125W F TC=0+-100	24546	C4-1/8-T0-432R-F	
A5R152	0757-0398		3	RESISTOR 75 1% .125W F TC=0+-100	24546	C4-1/8-T0-75R0-F
A5R153	0757-0424			RESISTOR 1.1K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1101-F
A5R154	0757-0424	RESISTOR 1.1K 1% .125W F TC=0+-100		24546	C4-1/8-T0-1101-F	
A5R155	0757-0280	RESISTOR 1K 1% .125W F TC=0+-100		24546	C4-1/8-T0-1001-F	
A5R156	0757-0398	RESISTOR 75 1% .125W F TC=0+-100		24546	C4-1/8-T0-75R0-F	
A5R157	0757-0280	5	RESISTOR 1K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1001-F	
A5R158	0757-0433		RESISTOR 3.32K 1% .125W F TC=0+-100	24546	C4-1/8-T0-3321-F	
A5R159	0757-0384		RESISTOR 20 1% .125W F TC=0+-100	19701	MF4C1/8-T0-20R0-F	
A5R160	0757-0401		RESISTOR 100 1% .125W F TC=0+-100	24546	C4-1/8-T0-101-F	
A5R161	0757-0274		RESISTOR 1.21K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1213-F	
A5R162	0698-3158	1	RESISTOR 23.7K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2372-F	
A5R163	0757-0438		RESISTOR 5.11K 1% .125W F TC=0+-100	24546	C4-1/8-T0-5111-F	
A5R164	0757-0346		RESISTOR 10 1% .125W F TC=0+-100	24546	C4-1/8-T0-10R0-F	
A5R165	0757-0346		RESISTOR 10 1% .125W F TC=0+-100	24546	C4-1/8-T0-10R0-F	
A5R166	0757-0401		RESISTOR 100 1% .125W F TC=0+-100	24546	C4-1/8-T0-101-F	
A5R167	0757-0407	1	RESISTOR 200 1% .125W F TC=0+-100	24546	C4-1/8-T0-201-F	
A5R168	0757-0279		RESISTOR 3.16K 1% .125W F TC=0+-100	24546	C4-1/8-T0-3161-F	
A5R169	0757-0422	2	RESISTOR 909 1% .125W F TC=0+-100	24546	C4-1/8-T0-909R-F	
A5R170	0757-0346		RESISTOR 10 1% .125W F TC=0+-100	24546	C4-1/8-T0-10R0-F	
A5R171	0757-0346		RESISTOR 10 1% .125W F TC=0+-100	24546	C4-1/8-T0-10R0-F	
A5R172	0757-0346	4	RESISTOR 10 1% .125W F TC=0+-100	24546	C4-1/8-T0-10R0-F	
A5R173	0757-0395		RESISTOR 56.2 1% .125W F TC=0+-100	24546	C4-1/8-T0-56R2-F	
A5R174	0757-0407		RESISTOR 200 1% .125W F TC=0+-100	24546	C4-1/8-T0-201-F	
A5R175	0757-0290		RESISTOR 6.19K 1% .125W F TC=0+-100	19701	MF4C1/8-T0-6191-F	
A5R176	0757-0408		RESISTOR 243 1% .125W F TC=0+-100	24546	C4-1/8-T0-243R-F	
A5R177	0683-1055	9	RESISTOR 1M 5% .25W FC TC=-800/+900	01121	CB1055	
A5R178	0683-1055		RESISTOR 1M 5% .25W FC TC=-800/+900	01121	CB1055	
A5R179	0683-1055		RESISTOR 1M 5% .25W FC TC=-800/+900	01121	CB1055	
A5R180	0683-1055		RESISTOR 1M 5% .25W FC TC=-800/+900	01121	CB1055	
A5R181	0683-1055		RESISTOR 1M 5% .25W FC TC=-800/+900	01121	CB1055	
A5R182	0683-1055	1	RESISTOR 1M 5% .25W FC TC=-800/+900	01121	CB1055	
A5R183	0757-0388		RESISTOR 30.1 1% .125W F TC=0+-100	24546	C4-1/8-T0-30R1-F	
A5R184	0683-1055		RESISTOR 1M 5% .25W FC TC=-800/+900	01121	CB1055	
A5R185	0683-1055		RESISTOR 1M 5% .25W FC TC=-800/+900	01121	CB1055	
A5R186	0683-1055		RESISTOR 1M 5% .25W FC TC=-800/+900	01121	CB1055	
A5R187	0757-0422	5	RESISTOR 909 1% .125W F TC=0+-100	24546	C4-1/8-T0-909R-F	
A5R188	2100-0554		RESISTOR-VAR TRMR 500 OHM 10% C TOP ADJ	73138	72PR500	
A5R189	0757-0388		RESISTOR 30.1 1% .125W F TC=0+-100	24546	C4-1/8-T0-30R1-F	
A5R190	0757-0408		RESISTOR 243 1% .125W F TC=0+-100	24546	C4-1/8-T0-243R-F	
A5R191	0757-0408		RESISTOR 243 1% .125W F TC=0+-100	24546	C4-1/8-T0-243R-F	
A5R192	0757-0401	1	RESISTOR 100 1% .125W F TC=0+-100	24546	C4-1/8-T0-101-F	
A5R192	0757-0401		RESISTOR 100 1% .125W F TC=0+-100	24546	C4-1/8-T0-101-F	
A5R193	0757-0724		RESISTOR 1.21K 1% .125W F TUBULAR	16299	C4-1/8-T0-1211-F	

See table 6-3 for Manufacturer Codes

Table 6-6 Board A6 Replaceable Parts List

Reference Designation	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
A6	08013-66524	1	BOARD ASSEMBLY, AMPLIFIER OUTPUT	28480	08013-66524
A6C1	0140-0204	1	CAPACITOR-FXD 47PF +-5% 500WVDC MICA	72136	DM15E47QJ0500WV1CR
A6C1	0160-0356	2	CAPACITOR-FXD 18PF +-5% 300WVDC MICA	28480	0160-0356
A6C1	0160-2306	3	CAPACITOR-FXD 27PF +-5% 300WVDC MICA	28480	0160-2306
A6C2	0150-0050	2	CAPACITOR-FXD 1000PF +80-20% 100WVDC	28480	0150-0050
A6C3	0160-2306	2	CAPACITOR-FXD 27PF +-5% 300WVDC MICA	28480	0160-2306
A6C11	0150-0093	12	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A6C12	0150-0093	10	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A6C13	0160-0174	10	CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C20	0160-0174	2	CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C21	0180-0098	2	CAPACITOR-FXD; 100UF+-20% 20VDC TA	56289	150D107X0020S2
A6C22	0160-0174	2	CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C23	0150-0093	2	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A6C24	0150-0093	2	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A6C25	0121-0046	2	CAPACITOR-V TRMR-CER 9/35PF 200V PC-HTG	00865	304322 9/35PF N650
A6C26	0160-0356	2	CAPACITOR-FXD 18PF +-5% 300WVDC MICA	28480	0160-0356
A6C27	0150-0093	4	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A6C28	0180-0291	4	CAPACITOR-FXD; 1UF+-10% 35VDC TA-SOLID	56289	150D105X9035A2
A6C29	0150-0093	4	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A6C30	0180-0291	4	CAPACITOR-FXD; 1UF+-10% 35VDC TA-SOLID	56289	150D105X9035A2
A6C31	0160-2259	2	CAPACITOR-FXD 12PF +-5% 500WVDC CER	28480	0160-2259
A6C41	0150-0050	2	CAPACITOR-FXD 1000PF +80-20% 100WVDC	28480	0150-0050
A6C42	0160-2306	2	CAPACITOR-FXD 27PF +-5% 300WVDC MICA	28480	0160-2306
A6C51	0150-0093	2	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A6C52	0150-0093	2	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A6C53	0150-0093	2	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A6C54	0160-0174	2	CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C60	0160-0174	2	CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C61	0160-0174	2	CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C62	0180-0098	2	CAPACITOR-FXD; 100UF+-20% 20VDC TA	56289	150D107X0020S2
A6C63	0150-0093	2	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A6C64	0150-0093	2	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A6C65	0121-0046	2	CAPACITOR-V TRMR-CER 9/35PF 200V PC-HTG	00865	304322 9/35PF N650
A6C66	0140-0190	2	CAPACITOR-FXD 38PF +-5% 300WVDC CER	72136	DM15E38QJ0300WV1CR
A6C67	0180-0291	2	CAPACITOR-FXD; 1UF+-10% 35VDC TA-SOLID	56289	150D105X9035A2
A6C68	0150-0093	2	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0150-0093
A6C69	0180-0291	2	CAPACITOR-FXD; 1UF+-10% 35VDC TA-SOLID	56289	150D105X9035A2
A6C70	0160-2259	2	CAPACITOR-FXD 12PF +-5% 500WVDC CER	28480	0160-2259
A6C80	0160-0174	2	CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C81	0160-0174	2	CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C90	0160-0174	2	CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C91	0160-0174	2	CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C100	0180-1784	2	CAPACITOR-FXD 1000UF +75-10% 40VDC AL	56289	39D108G040GPA
A6C101	0160-2940	2	CAPACITOR-FXD 470PF +-5% 300WVDC MICA	28480	0160-2940
A6C102	0180-1784	2	CAPACITOR-FXD 1000UF +75-10% 40VDC AL	56289	39D108G040GPA
A6C103	0160-2940	2	CAPACITOR-FXD 470PF+-5% 300WVDC MICA	28480	0160-2940
A6C104	0160-4213	2	CAPACITOR-FXD .1UF +-20% 50WVDC POLYE	28480	0160-4213
A6C105	0160-4213	2	CAPACITOR-FXD .1UF +-20% 50WVDC POLYE	28480	0160-4213
A6CR1	1902-0025	1	DIODE-ZNR 10V 5% DO-7 PD=-4W TC=+.06%	04713	SZ 10939-182
A6CR6	1901-0533	6	DIODE-SCHOTTKY	28480	1901-0533
A6CR7	1901-0533	6	DIODE-SCHOTTKY	28480	1901-0533
A6CR100	1901-0159	8	DIODE-PWR RECT 400V 750MA DO-41	04713	SR1358-4
A6CR101	1901-0159	8	DIODE-PWR RECT 400V 750MA DO-41	04713	SR1358-4
A6CR102	1901-0159	8	DIODE-PWR RECT 400V 750MA DO-41	04713	SR1358-4
A6CR103	1901-0159	8	DIODE-PWR RECT 400V 750MA DO-41	04713	SR1358-4
A6CR104	1901-0159	8	DIODE-PWR RECT 400V 750MA DO-41	04713	SR1358-4
A6CR105	1901-0159	8	DIODE-PWR RECT 400V 750MA DO-41	04713	SR1358-4
A6CR106	1901-0159	8	DIODE-PWR RECT 400V 750MA DO-41	04713	SR1358-4
A6CR107	1901-0159	8	DIODE-PWR RECT 400V 750MA DO-41	04713	SR1358-4
A6K1	0490-1079	2	RELAY-REED 1A .5A 100V CONT 5V-COIL	28480	0490-1079
A6K2	0490-1079	2	RELAY-REED 1A .5A 100V CONT 5V-COIL	28480	0490-1079
A6L1	9100-1613	2	COIL-FXD MOLDED RF CHOKE .47UH 20%	24226	15/470
A6L2	9100-1611	2	COIL-FXD MOLDED RF CHOKE .22UH 20%	24226	15/220
A6L3	9170-0025	8	CORE-SHIELDING BEAD	02114	56-590-65A2/4A
A6L4	9170-0029	3	CORE-SHIELDING BEAD	02114	56-590-65A2/4A
A6L5	9100-1613	2	COIL-FXD MOLDED RF CHOKE .47UH 20%	24226	15/470
A6L6	9100-1611	2	COIL-FXD MOLDED RF CHOKE .22UH 20%	24226	15/220
A6L8	9170-0029	2	CORE-SHIELDING BEAD	02114	56-590-65A2/4A
A6L9	9170-0029	2	CORE-SHIELDING BEAD	02114	56-590-65A2/4A

See table 6-3 for Manufacturer Codes

Table 6-6 (cont'd) Board A6 Replaceable Parts List

Reference Designation	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
A6L10	9170-0029		CORE-SHIELDING BEAD	02114	56-590-65A2/4A
A6MP4	1205-0037	2	HEAT-DISSIPATOR SGL TO-36 PKG, Q4	28480	1205-0037
A6MP5	1205-0037		HEAT-DISSIPATOR SGL TO-36 PKG, Q5	28480	1205-0037
A6MP6	1205-0033	8	HEAT-DISSIPATOR SGL TO-5/TO-39 PKG, Q6	28480	1205-0033
A6MP7	1205-0033		HEAT-DISSIPATOR SGL TO-5/TO-39 PKG, Q7	28480	1205-0033
A6MP9	1205-0011	2	HEAT-DISSIPATOR SGL TO-5/TO-39 PKG, Q9	28480	1205-0011
A6MP15	1205-0033		HEAT-DISSIPATOR SGL TO-5/TO-39 PKG, Q15	28480	1205-0033
A6MP16	1205-0033		HEAT-DISSIPATOR SGL TO-5/TO-39 PKG, Q16	28480	1205-0033
A6MP18	1205-0011		HEAT-DISSIPATOR SGL TO-5/TO-39 PKG, Q18	28480	1205-0011
A6MP20	1205-0033		HEAT-DISSIPATOR SGL TO-5/TO-39 PKG, Q20	28480	1205-0033
A6MP22	1205-0033		HEAT-DISSIPATOR SGL TO-5/TO-39 PKG, Q22	28480	1205-0033
A6MP24	1205-0033		HEAT-DISSIPATOR SGL TO-5/TO-39 PKG, Q24	28480	1205-0033
A6MP26	1205-0033		HEAT-DISSIPATOR SGL TO-5/TO-39 PKG, Q26	28480	1205-0033
A6Q1	1854-0431	2	TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	04713	2N5179
A6Q2	1854-0431		TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	04713	2N5179
A6Q3	1853-0218	1	TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0218
A6Q4	1853-0218	2	TRANSISTOR-PNP SI PD=360MW F=800MHZ	28480	1853-0218
A6Q5	1853-0218		TRANSISTOR-PNP SI PD=360MW F=800MHZ	28480	1853-0218
A6Q6	1853-0315	2	TRANSISTOR PNP SI TO-39 PD=1W FT=1GHZ	28480	1853-0315
A6Q7	1853-0315		TRANSISTOR PNP SI TO-39 PD=1W FT=1GHZ	28480	1853-0315
A6Q8	1853-0036	3	TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A6Q9	1854-0003	1	TRANSISTOR NPN SI TO-39 PD=800MW	28480	1854-0003
A6Q10	1853-0015	2	TRANSISTOR PNP SI PD=200MW FT=500MHZ	28480	1853-0015
A6Q11	1853-0015		TRANSISTOR PNP SI PD=200MW FT=500MHZ	28480	1853-0015
A6Q12	1854-0354	1	TRANSISTOR NPN SI TO-52 PD=360MW	28480	1854-0354
A6Q13	1854-0332	4	TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ	28480	1854-0332
A6Q14	1854-0332		TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ	28480	1854-0332
A6Q15	1854-0332		TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ	28480	1854-0332
A6Q16	1854-0332		TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ	28480	1854-0332
A6Q17	1854-0215	3	TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	SPS 3611
A6Q18	1853-0012	1	TRANSISTOR PNP 2N2904A SI TO-5 PD=600MW	01295	2N2904A
A6Q19	1854-0215		TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	SPS 3611
A6Q20	1853-0027	2	TRANSISTOR PNP SI TO-39 PD=1W FT=100MHZ	28480	1853-0027
A6Q21	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A6Q22	1854-0039	2	TRANSISTOR NPN 2N3053 SI TO-5 PD=1W	04713	2N3053
A6Q23	1854-0215		TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	SPS 3611
A6Q24	1853-0027		TRANSISTOR PNP SI TO-39 PD=1W FT=100MHZ	28480	1853-0027
A6Q25	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A6Q26	1854-0038		TRANSISTOR NPN SI PD=90W FT=2MHZ NOT SUPPLIED	04713	2N3053
A6Q27	1854-0433	2	AS PRT OF A6, ORDER SEPARATELY	28480	1854-0433
A6Q28	1854-0433		TRANSISTOR NPN SI PD=90W FT=2MHZ NOT SUPPLIED	28480	1854-0433
A6Q29	1854-0354	4	AS PART OF A6, ORDER SEPARATELY	28480	1854-0354
A6Q30	1854-0354		TRANSISTOR NPN SI TO-52 PD=360MW	28480	1854-0354
A6Q31	1854-0354		TRANSISTOR NPN SI TO-52 PD=360MW	28480	1854-0354
A6Q32	1854-0354		TRANSISTOR NPN SI TO-52 PD=360MW	28480	1854-0354
A6R1	0757-0401	2	RESISTOR 100 1% .125W F TC=0+-100	24546	C4-1/8-T0-101-F
A6R2	0698-4418	2	RESISTOR 205 1% .125W F TC=0+-100	16299	C4-1/8-T0-205R-F
A6R3	0757-0280	2	RESISTOR 1K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1001-F
A6R4	0757-0317	4	RESISTOR 1.33K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1331-F
A6R5	0757-0395	2	RESISTOR 56.2 1% .125W F TC=0+-100	24546	C4-1/8-T0-56R2-F
A6R6	0698-3438	2	RESISTOR 147 1% .125W F TC=0+-100	16299	C4-1/8-T0-147R-F
A6R7	0758-0029	2	RESISTOR 470 5% .25W F TC=0+-100	24546	C5-1/4-T0-471-J
A6R8	0757-0419	2	RESISTOR 681 1% .125W F TC=0+-100	24546	C4-1/8-T0-681R-F
A6R9	0757-0317		RESISTOR 1.33K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1331-F
A6R10	0757-0276	2	RESISTOR 61.9 1% .125W F TC=0+-100	24546	C4-1/8-T0-6192-F
A6R13	0757-0178	1	RESISTOR 100 1% .25W F TC=0+-100	24546	C5-1/4-T0-101-F
A6R14	0757-0288	2	RESISTOR 9.09K 1% .125W F TC=0+-100	19701	MF4C1/8-T0-9091-F
A6R15	0757-0442	2	RESISTOR 10K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1002-F
A6R16	0757-0433	1	RESISTOR 3.32K 1% .125W F TC=0+-100	24546	C4-1/8-T0-3321-F
A6R17	0757-0405	2	RESISTOR 162 1% .125W F TC=0+-100	24546	C4-1/8-T0-162R-F
A6R18	0757-0418	2	RESISTOR 619 1% .125W F TC=0+-100	24546	C4-1/8-T0-619R-F
A6R19	0760-0024	2	RESISTOR 100 5% 1W MO TC=0+-200	FR003	C32
A6R21	0757-0500	4	RESISTOR 30.1 1% .25W F TC=0+-100	24546	C5-1/4-T0-30R1-F
A6R22	0757-0500		RESISTOR 30.1 1% .25W F TC=0+-100	24546	C5-1/4-T0-30R1-F
A6R24	0698-3442	1	RESISTOR 237 1% .125W F TC=0+-100	16299	C4-1/8-T0-237R-F
A6R25	2100-0568	2	RESISTOR-VAR TRMR 100 OHM 10% C TDP ADJ	73138	72PR100
A6R26	0757-0399	4	RESISTOR 47.5 1% .125W F TC=0+-100	24546	C4-1/8-T0-47R5-F
A6R27	0757-0399		RESISTOR 47.5 1% .125W F TC=0+-100	24546	C4-1/8-T0-47R5-F
A6R28	0757-0801	6	RESISTOR 150 1% .5W F TC=0+-100	19701	MF7C-1/2-T0-151-F
A6R29	0757-0801		RESISTOR 150 1% .5W F TC=0+-100	19701	MF7C-1/2-T0-151-F
A6R30	0757-0801		RESISTOR 150 1% .5W F TC=0+-100	19701	MF7C-1/2-T0-151-F
A6R32	0757-0274	2	RESISTOR 1.21K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1213-F
A6R39	0698-0082	2	RESISTOR 464 1% .125W F TC=0+-100	16299	C4-1/8-T0-4640-F
A6R39	0757-0406	2	RESISTOR 182 1% .125W F TC=0+-100	24546	C4-1/8-T0-182R-F
A6R40	0757-0401	2	RESISTOR 100 1% .125W F TC=0+-100	24546	C4-1/8-T0-101-F

See table 6-3 for Manufacturer Codes

Table 6-6 (cont'd) Board A6 Replaceable Parts List

Reference Designation	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
A6R41	0698-0082		RESISTOR 464 1% .125W F TC=0+-100	16299	C4-1/8-T0-4640-F
A6R42	0698-4418		RESISTOR 205 1% .125W F TC=0+-100	16299	C4-1/8-T0-205R-F
A6R43	0757-0280		RESISTOR 1K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1001-F
A6R44	0757-0317		RESISTOR 1.33K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1331-F
A6R45	0757-0395		RESISTOR 56.2 1% .125W F TC=0+-100	24546	C4-1/8-T0-56R2-F
A6R46	0698-3438		RESISTOR 147 1% .125W F TC=0+-100	16299	C4-1/8-T0-147R-F
A6R47	0758-0029		RESISTOR 470 5% .25W F TC=0+-100	24546	C5-1/4-T0-471-J
A6R48	0757-0419		RESISTOR 681 1% .125W F TC=0+-100	24546	C4-1/8-T0-681R-F
A6R49	0757-0317		RESISTOR 1.33K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1331-F
A6R50	0757-0276		RESISTOR 61.9 1% .125W F TC=0+-100	24546	C4-1/8-T0-619R2-F
A6R53	0698-3442	1	RESISTOR 100 1% .25W F TUBULAR	24546	C5-1/4-T0-101-F
A6R54	0757-0288		RESISTOR 9.09K 1% .125W F TC=0+-100	19701	MF4C1/8-T0-9091-F
A6R55	0757-0442		RESISTOR 10K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1002-F
A6R56	0757-0279	1	RESISTOR 3.16K 1% .125W F TC=0+-100	24546	C4-1/8-T0-3161-F
A6R57	0757-0405		RESISTOR 162 1% .125W F TC=0+-100	24546	C4-1/8-T0-152R-F
A6R58	0757-0418		RESISTOR 619 1% .125W F TC=0+-100	24546	C4-1/8-T0-619R-F
A6R59	0760-0024		RESISTOR 100 5% 1W MO TC=0+-200	FR003	C32
A6R61	0757-0500		RESISTOR 30.1 1% .25W F TC=0+-100	24546	C5-1/4-T0-30R1-F
A6R62	0757-0500		RESISTOR 30.1 1% .25W F TC=0+-100	24546	C5-1/4-T0-30R1-F
A6R64	0698-3442	1	RESISTOR 237 1% .125W F TUBULAR	16299	C4-1/8-T0-237R-F
A6R65	2100-0568		RESISTOR-VAR TRMR 100 OHM 10% C TOP ADJ	73138	72PR100
A6R66	0757-0393		RESISTOR 47.5 1% .125W F TC=0+-100	24546	C4-1/8-T0-47R5-F
A6R67	0757-0393		RESISTOR 47.5 1% .125W F TC=0+-100	24546	C4-1/8-T0-47R5-F
A6R68	0757-0801		RESISTOR 150 1% .5W F TC=0+-100	19701	MF7C-1/2-T0-151-F
A6R69	0757-0801		RESISTOR 150 1% .5W F TC=0+-100	19701	MF7C-1/2-T0-151-F
A6R70	0757-0801		RESISTOR 150 1% .5W F TC=0+-100	19701	MF7C-1/2-T0-151-F
A6R71	0757-0406		RESISTOR 182 1% .125W F TC=0+-100	24546	C4-1/8-T0-182R-F
A6R72	0757-0274		RESISTOR 1.21K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1213-F
A6R80	0698-3496	4	RESISTOR 3.57K 1% .125W F TC=0+-100	16299	C4-1/8-T0-357R-F
A6R81	0698-4455	2	RESISTOR 536 1% .125W F TC=0+-100	24546	C4-1/8-T0-536R-F
A6R82	0757-0997	2	RESISTOR 39.2 1% .5W F TC=0+-100	19701	MF7C1/2-T0-39R2-F
A6R83	0757-0415	4	RESISTOR 475 1% .125W F TC=0+-100	24546	C4-1/8-T0-475R-F
A6R84	0698-4421	2	RESISTOR 249 1% .125W F TC=0+-100	16299	C4-1/8-T0-249R-F
A6R85	0698-3496		RESISTOR 3.57K 1% .125W F TC=0+-100	16299	C4-1/8-T0-357R-F
A6R86	0757-0415		RESISTOR 475 1% .125W F TC=0+-100	24546	C4-1/8-T0-475R-F
A6R87	0760-0026	6	RESISTOR 75 2% 1W MO TC=0+-200	FR003	C32
A6R90	0698-3496		RESISTOR 3.57K 1% .125W F TC=0+-100	16299	C4-1/8-T0-357R-F
A6R91	0757-0415		RESISTOR 475 1% .125W F TC=0+-100	24546	C4-1/8-T0-475R-F
A6R92	0760-0026		RESISTOR 75 2% 1W MO TC=0+-200	FR003	C32
A6R93	0698-4421		RESISTOR 249 1% .125W F TC=0+-100	16299	C4-1/8-T0-249R-F
A6R94	0757-0415		RESISTOR 475 1% .125W F TC=0+-100	24546	C4-1/8-T0-475R-F
A6R95	0698-3496		RESISTOR 3.57K 1% .125W F TC=0+-100	16299	C4-1/8-T0-357R-F
A6R96	0698-4455		RESISTOR 536 1% .125W F TC=0+-100	24546	C4-1/8-T0-536R-F
A6R97	0757-0997		RESISTOR 39.2 1% .5W F TC=0+-100	19701	MF7C1/2-T0-39R2-F
A6R100	0811-0929	2	RESISTOR .51 5% 2W PH TC=0+-800	75042	BWH2-R51-J
A6R101	0757-0435	2	RESISTOR 3.92K 1% .125W F TC=0+-100	24546	C4-1/8-T0-3921-F
A6R102	2100-3211	2	RESISTOR-VAR TRMR 1KOHM 10% C TOP ADJ	73138	72PR1K
A6R103	0698-3492	2	RESISTOR 2.67K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2671-F
A6R104	0811-0929		RESISTOR .51 5% 2W PH TC=0+-800	75042	BWH2-R51-J
A6R105	0757-0435		RESISTOR 3.92K 1% .125W F TC=0+-100	24546	C4-1/8-T0-3921-F
A6R106	2100-3211		RESISTOR-VAR TRMR 1KOHM 10% C TOP ADJ	73138	72PR1K
A6R107	0698-3492		RESISTOR 2.67K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2671-F
A6U1	1820-0196	2	IC LIN REGULATOR	07263	723HC
A6U2	1820-0196		IC LIN REGULATOR	07263	723HC

See table 6-3 for Manufacturer Codes

A7 FRONT VIEW

08013-66525

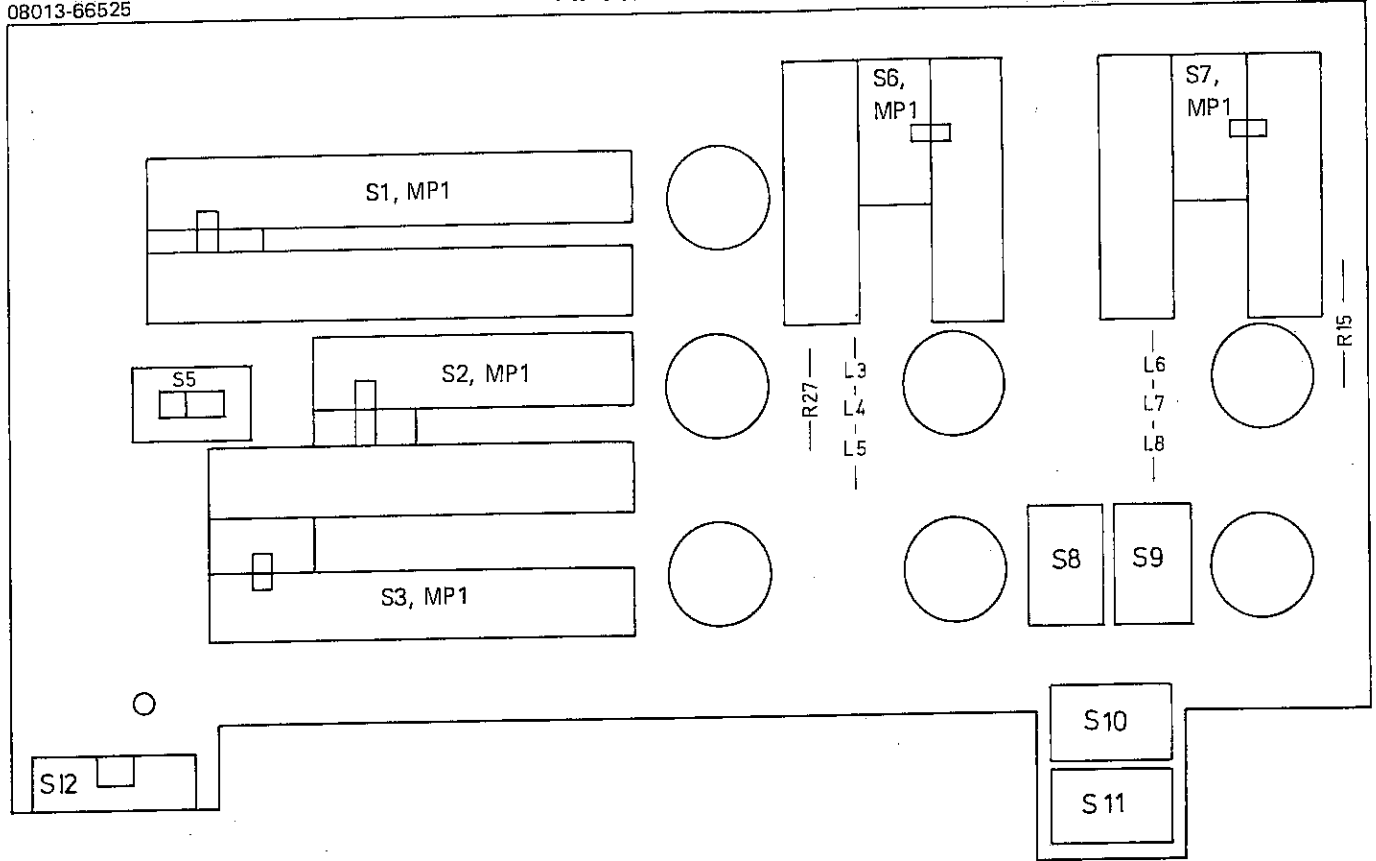


Figure 6-4. Component Layout - Board A7 - Front View

Table 6-7. Board A7 Replaceable Parts List

Reference Designation	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
A7	08013-66525	1	BOARD ASSEMBLY, MOTHER	28480	08013-66525
A7CR1	1901-0533		DIODE-SCHOTTKY	28480	1901-0533
A7CR2	1901-0533		DIODE-SCHOTTKY	28480	1901-0533
A7CR3	1901-0533		DIODE-SCHOTTKY	28480	1901-0533
A7CR4	1901-0533		DIODE-SCHOTTKY	28480	1901-0533
A7J5	1251-2026	1	CONNECTOR-PC EDGE 18-CONT/ROW 2-ROWS	71785	252-18-30-300
A7L1	9140-0118	2	COIL-FXD MOLDED RF CHOKE 500UH 5%	24226	19/503
A7L2	9140-0118		COIL-FXD MOLDED RF CHOKE 500UH 5%	24226	19/503
A7L3	08007-71301		JUMPER ASSY	28480	08007-71301
A7L4			NSR P/O A7L3		
A7L5			NSR P/O A7L3		
A7L6			NSR P/O A7L3		
A7L7			NSR P/O A7L3		
A7L8			NSR P/O A7L3		
A7 MP1	5020-3440	5	SPRING DETENT FDP S1, S2, S3, S6, S7	28480	5020-3440
A7R7	0760-0027	4	RESISTOR 150 2% 1W MO TC=0+-200	FR003	C32
A7R8	0760-0027		RESISTOR 150 2% 1W MO TC=0+-200	FR003	C32
A7R9	0760-0027		RESISTOR 150 2% 1W MO TC=0+-200	FR003	C32
A7R10	0760-0027		RESISTOR 150 2% 1W MO TC=0+-200	FR003	C32
A7R11	0757-0172	2	RESISTOR 37.4 1% .5W F TC=0+-100	19701	MF7C1/2-T0-37R4-F
A7R12	0757-0172		RESISTOR 37.4 1% .5W F TC=0+-100	19701	MF7C1/2-T0-37R4-F
A7R13	0760-0026		RESISTOR 75 2% 1W MO TC=0+-200	FR003	C32
A7R14	0760-0026		RESISTOR 75 2% 1W MO TC=0+-200	FR003	C32
A7R15	0760-0026		RESISTOR 75 2% 1W MO TC=0+-200	FR003	C32
A7R16	0760-0026		RESISTOR 75 2% 1W MO TC=0+-200	FR003	C32
A7R17	0757-0799	2	RESISTOR 121 1% .5W F TC=0+-100	19701	MF7C-1/2-T0-121R-F
A7R18	0757-0799		RESISTOR 121 1% .5W F TC=0+-100	19701	MF7C-1/2-T0-121R-F
A7R19	0698-3616	2	RESISTOR 62 5% 2W MO TC=0+-200	16299	FP42-2-T00-62R0-J
A7R20	0698-3616		RESISTOR 62 5% 2W MO TC=0+-200	16299	FP42-2-T00-62R0-J
A7R21	0761-0003	2	RESISTOR 62 5% 1W MO TC=0+-200	24546	FP32-1-62R0-J
A7R22	0761-0003		RESISTOR 62 5% 1W MO TC=0+-200	24546	FP32-1-62R0-J
A7R23	0757-0071	2	RESISTOR 247.5 1% .25W F TC=0+-100	19701	MF52C1/4-T0-247R5-F
A7R24	0757-0071		RESISTOR 247.5 1% .25W F TC=0+-100	19701	MF52C1/4-T0-247R5-F
A7R27	0757-0407	2	RESISTOR 200 1% .125W F TC=0+-100	24546	C4-1/8-T0-201-F
A7R28	0757-0407		RESISTOR 200 1% .125W F TC=0+-100	24546	C4-1/8-T0-201-F
A7R29	0757-0200	2	RESISTOR 5.62K 1% .125W F TC=0+-100	24546	C4-1/8-T0-5621-F
A7R30	0757-0200		RESISTOR 5.62K 1% .125W F TC=0+-100	24546	C4-1/8-T0-5621-F
A7R31	0757-0437	2	RESISTOR 4.75K 1% .125W F TC=0+-100	24546	C4-1/8-T0-4751-F
A7R32	0757-0437		RESISTOR 4.75K 1% .125W F TC=0+-100	24546	C4-1/8-T0-4751-F
A7R33	0758-0628	1	RESISTOR 270 5% .25W F TC=0+-100	24546	C5-1/4-T0-271-J
A7S1	5040-1109	2	SLIDE ASSEMBLY, P.C. SWITCH	28480	5040-1109
A7S2	5040-1109		SLIDE ASSEMBLY, P.C. SWITCH	28480	5040-1109
A7S3	5040-1110	1	SLIDE ASSEMBLY, P.C. SWITCH	28480	5040-1110
A7S5	3101-1311	5	SWITCH-SL DPDT-NS STD .5A 125VAC/DC	28480	3101-1311
A7S6	5040-1112	2	SLIDE ASSEMBLY, P.C. SWITCH	28480	5040-1112
A7S7	5040-1112		SLIDE ASSEMBLY, P.C. SWITCH	28480	5040-1112
A7S8	3101-1311		SWITCH-SL DPDT-NS STD .5A 125VAC/DC	28480	3101-1311
A7S9	3101-1311		SWITCH-SL DPDT-NS STD .5A 125VAC/DC	28480	3101-1311
A7S10	3101-1311		SWITCH-SL DPDT-NS STD .5A 125VAC/DC	28480	3101-1311
A7S11	3101-1311		SWITCH-SL DPDT-NS STD .5A 125VAC/DC	28480	3101-1311
A7S12	3101-1720		SWITCH-PB 1-STA MODULE DPDT	28480	3101-1720
A7X6	1251-2034	1	CONNECTOR-PC EDGE 10-CONT/ROW 2-ROWS	71785	252-10-30-300

See table 6-3 for Manufacturer Codes

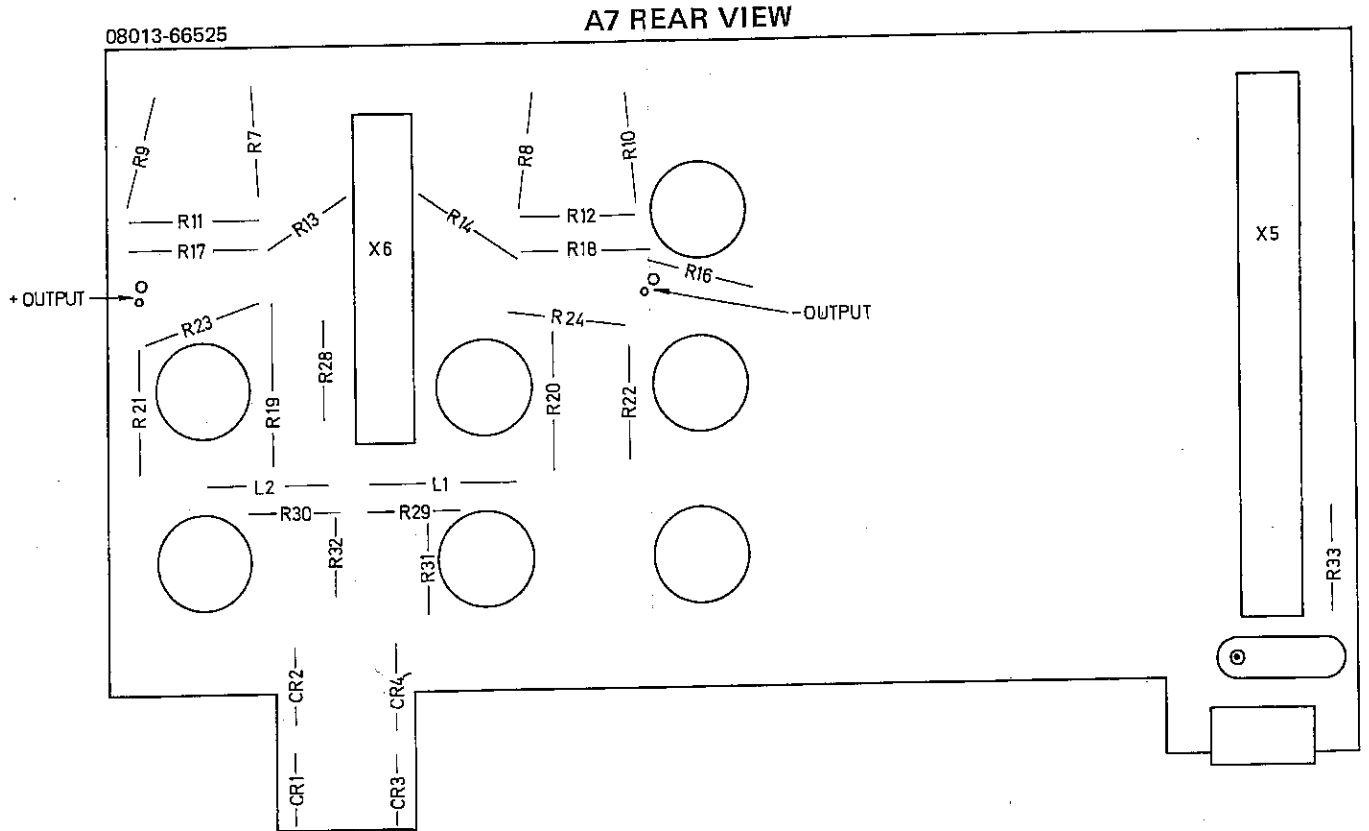


Figure 6-5. Component Layout -- Board A7 -- Rear View