

7-1 INTRODUCTION

7-2 This section contains backdating information which adapts this manual to instruments with serial numbers lower than that shown on the title page.

7-3 CHANGE SEQUENCE

7-4 Changes are listed on the serial number order that they occurred in the manufacture of the instrument. In adapting this manual to an instrument with a particular serial number, apply the changes in reverse order. That is, begin with the latest change and progress to the earliest change that applies to the serial number in question. Table 7-1 lists the serial numbers to which each change applies.

Table 7-1 Manual Backdating Changes

Instrument Serial Number	Make Backdating Changes
1412G00101 to 00170	4, 3, 2 and 1
1412G00171 to 00270	4, 3 and 2
1412G00271 to 00330	4 and 3
1412G00330 to 1441A10001	4

CHANGE 1 (for serial numbers 1412G00101 to 1412G00170)

Table 6-4. Change the following components to:

A5	L3	9100 - 1613 COIL CHOKE .47 μ H
A5	L11	9100 - 1612 COIL CHOKE .33 μ H
A5	R44	0757 - 0401 R-F 100 1% .125W
A6	R102	0698 - 3492 R-F 2.67K 1%
A5	R139	0757 - 0407 R-F 200 1% .125W
A6	R168	0757 - 0437 R-F 4.75K 1%

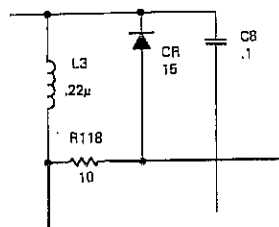
Delete A5CR15, A5CR41 and A5R199 (also delete these components from board A5 component layout)

Add

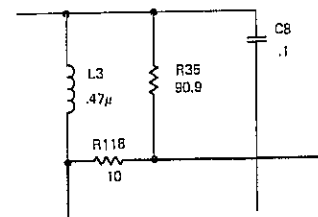
A5 R35 0757 - 0400 R-F 90.9 1% .125W.

On board A5 component layout add R35 in place of CR15. Change schematic 1, top right-hand corner, as shown below.

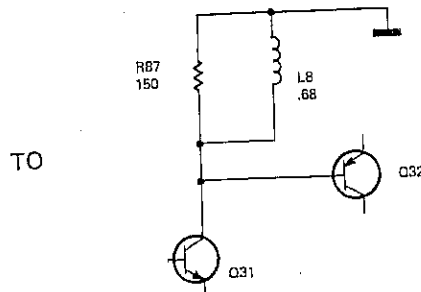
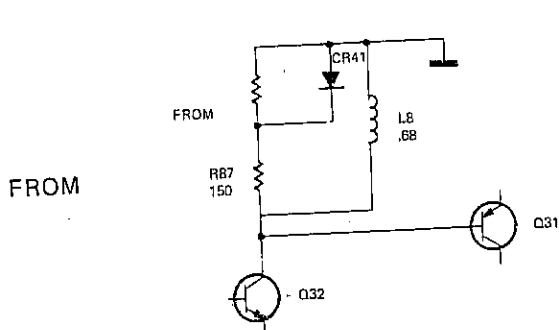
FROM



TO



Schematic 2. Change R44 to 100 and R139 to 200.
Change schematic 3 as shown below.



Schematic 4. Change L11 to 0.33 μ H, R102 to 2.67K and R168 to 4.75K.

Table 6-5. Change the following components to:

A6	C1	0160 - 2307 C-F 47PF 300V
A6	Q12	1854 - 0630 XSTR SI NPN
A6	R53	0757 - 0178 R-F 100 1% .125W
A6	R64	0698 - 3442 R-F 237 1% .125W

Add

A6 C66 0160-0356 C-F 18PF 300V

On the component layout for board A6 add C66 to the left of potentiometer R65.

Schematic 5. Change the value of C1 to 47PF. Change the value of R53 to 100 and the value of R64 to 237. Add C66, value 18PF, wired in parallel with L10 and C65.

CHANGE 2 (for serial numbers 1412G00101 to 1412G00270) Board A5 component layout. Add C67 as shown below.

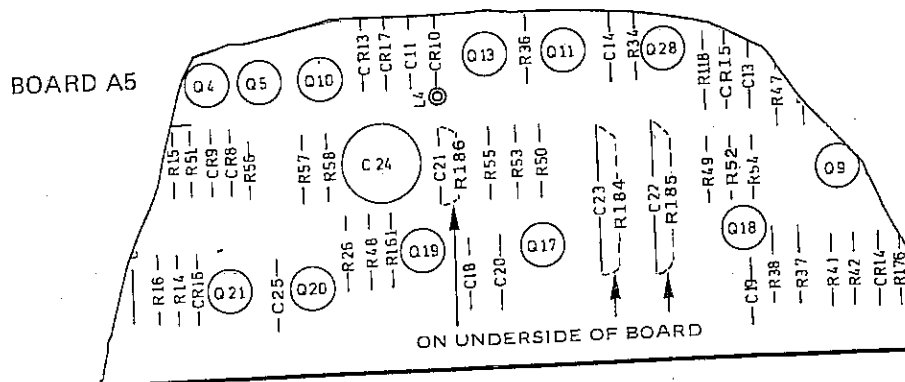


Table 7-2. Replacement for Table 6-4. Frame Replaceable Parts List

Reference Designation	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
A5	08012-66508		BOARD ASSEMBLY, TIMING	28480	08012-66508
A6	08013-66504		BOARD ASSEMBLY, AMPLIFIER OUTPUT	28480	08013-66504
A7	08013-66505		BOARD ASSEMBLY, MOTHER	28480	08013-66505
DS1	2140-0253	1	LAMP-INCAND T-1 BULB 28V	17537	64(ANSI 6839)
F1	2110-0007	1	FUSE 1A 250V SLO-BLO 1.25X.25 UL	71400	HDL-1
F1	0510-0748	1	FUSEHOLDER-BLOCK 2-FU .25X1.25FUSE	71400	3823-2
F2	2110-0202	1	FUSE .5A 250V SLO-BLO 1.25X.25 UL IEC	75915	313-5005
FL1	9100-3121	1	FILTER-ELEC 2A	28480	9100-3121
J1	1250-0118	6	CONNECTOR-RF BNC FEM SGL HDLE FR	90949	31-2221-1022
J2	1250-0118		CONNECTOR-RF BNC FEM SGL HDLE FR	90949	31-2221-1022
J3	1250-0118		CONNECTOR-RF BNC FEM SGL HDLE FR	90949	31-2221-1022
J4	1250-0118		CONNECTOR-RF BNC FEM SGL HDLE FR	90949	31-2221-1022
J5	1250-0118		CONNECTOR-RF BNC FEM SGL HDLE FR	90949	31-2221-1022
J6	1250-0118		CONNECTOR-RF BNC FEM SGL HDLE FR	90949	31-2221-1022
MP1	1450-0404	1	LIGHT-IND LENS CAP CLR TL LENS	28480	1450-0404
MP2	0370-1005	7	KNOB-BASE-PTR .375 IN JGK SGI-DECAL	28480	0370-1005
MP3	5040-1124	1	KNOB, PUSHBUTTON, POWER	28480	5040-1124
MP5	5040-0445	2	FOOT ASSEMBLY	28480	5040-0445
MP7	08012-00204	1	PANEL, REAR	28480	08012-00204
MP8	08012-04101	2	COVER ASSEMBLY	28480	08012-04101
MP9	08013-00203	1	PANEL, FRONT	28480	08013-00203
MP10	1460-1300	1	STAND, TILT	28480	1460-1300
R1	2100-3081	3	RESISTOR-VAR CONTROL CC 50K 10% 10CW	12697	SERIES 63M
R2	2100-3081		RESISTOR-VAR CONTROL CC 50K 10% 10CW	12697	SERIES 63M
R3	2100-3081		RESISTOR-VAR CONTROL CC 50K 10% 10CW	12697	SERIES 63M
R4	0758-0024	1	RESISTOR 100 5% .25W F TC=0+-100	24546	C5-1/4-T0-101-J
R5	0758-0126	1	RESISTOR 51 5% .25W F TC=0+-100	24546	C5-1/4-T0-510-J
R7	2100-2066	2	RESISTOR-VAR CONTROL CC 2K 20% LIN	12697	382
R8	2100-2066		RESISTOR-VAR CONTROL CC 2K 20% LIN	12697	382
R9	2100-2488	2	RESISTOR-VAR CONTROL CC 10K 20% LIN	12697	382
R10	2100-2488		RESISTOR-VAR CONTROL CC 10K 20% LIN	12697	382
S1	3101-0903	1	SWITCH-SL DP3T-NS MINTR .5A 125VAC/DC	79727	G1285-0003A
S2	3101-1609	1	SWITCH-SL 2-DPDT-NS STD 1.5A 250VAC SLDR	82389	11E-1036
S5	3101-0124	1	SWITCH-PB SPST NC MOM	82389	962
T1	08012-61101	1	TRANSFORMER, POWER	28480	08012-61101
W2	08012-61621	1	CABLE ASSEMBLY, SHIL INPUT	28480	08012-61621
W3	08013-61620	4	CABLE ASSEMBLY, SET SHIL	28480	08013-61620
W4	08013-61620		CABLE ASSEMBLY, SET SHIL	28480	08013-61620
W5	08013-61620		CABLE ASSEMBLY, SET SHIL	28480	08013-61620
W6	08013-61620		CABLE ASSEMBLY, SET SHIL	28480	08013-61620
W7	08012-61620	1	CABLE ASSEMBLY, SHIL POWER	28480	08012-61620

See table 6-3 for Manufacturer Codes

Table 7-3. Replacement for Table 6-5. Board A5 Replaceable Parts List

Reference Designation	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
A5	08012-66508	1	BOARD ASSEMBLY, TIMING.	28480	08012-66508
A5C1	0150-0121	20	CAPACITOR-FXD .1UF +80-20% 50WVDC CER	28480	0150-0121
A5C2	0160-2055	47	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C3	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C4	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
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	1500106X9020B2
A5C7	0160-2307	1	CAPACITOR-FXD 47PF +-5% 300WVDC MICA	28480	0160-2307
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	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C11	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C12	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C13	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
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	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C17	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C18	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C19	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C20	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C21	0160-3714	1	CAPACITOR-FXD 5600PF +-10% 250WVDC MET	28480	0160-3714
A5C22	0160-3725	3	CAPACITOR-FXD .88UF +-10% 40WVDC MET	28480	0160-3725
A5C23	0180-0375	3	CAPACITOR-FXD: 68UF+-10% 20VDC TA-SOLID	56289	1500686X9020B2
A5C24	0121-0046	3	CAPACITOR-V TRMR-CER 9/35PF 200V PC-MTG	00865	304322 9/35PF N650
A5C25	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C26	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C27	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C28	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C29	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C30	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C31	0160-2055	2	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C32	0160-3220		CAPACITOR-FXD 6800PF +-5% 250WVDC MET	FR009	CK8-68
A5C33	0160-3725		CAPACITOR-FXD: 68UF+-10% 40WVDC MET	28480	0160-3725
A5C34	0180-0375		CAPACITOR-FXD: 68UF+-10% 20VDC TA-SOLID	56289	1500686X9020B2
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	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C40	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C41	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C42	0160-3220		CAPACITOR-FXD 6800PF +-5% 250WVDC MET	FR009	CK8-68
A5C43	0160-3725		CAPACITOR-FXD: 68UF+-10% 40WVDC MET	28480	0160-3725
A5C44	0180-0375		CAPACITOR-FXD: 68UF+-10% 20VDC TA-SOLID	56289	1500686X9020B2
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	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C52	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C53	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C54	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C55	0160-2198		CAPACITOR-FXD 20PF +-5% 300WVDC MICA	28480	0160-2198
A5C56	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C57	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C58	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C59	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C60	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C61	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C62	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C63	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C64	0160-2198		CAPACITOR-FXD 20PF +-5% 300WVDC MICA	28480	0160-2198
A5C65	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C66	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5C68	0180-0374		CAPACITOR-FXD: 10UF+-10% 20VDC TA-SOLID	56289	1500106X9020B2
A5C69	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A5CP1	1901-0040	34	DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR2	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR3	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR4	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040
A5CR5	1901-0040		DIODE-SWITCHING 30V 50NA 2NS DO-35	28480	1901-0040

See table 6-3 for Manufacturer Codes

Table 7-3. Replacement for Table 6-5. Board A5 Replaceable Parts List (Cont'd)

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	10939-169
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 750PS 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
A5CR41	1901-0533	3	DIODE-SCHOTTKY	28480	1901-0533
A5L1	9100-1611		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		COIL-FXD MOLDED RF CHOKE .22UH 20%	24226	15/220
A5L4	9170-0029		CORE-SHIELDING BEAD	02114	56-590-65A2/4A
A5L6	9140-0179	2	COIL-FXD MOLDED RF CHOKE 22UH 10%	24226	15/222
A5L7	9100-1613		COIL-FXD MOLDED RF CHOKE .47UH 20%	24226	15/470
A5L8	9140-0094	1	COIL-FXD MOLDED RF CHOKE .68UH 10%	24226	15/680
A5L9	9140-0179		COIL-FXD MOLDED RF CHOKE 22UH 10%	24226	15/222
A5L11	9100-1611		COIL-FXD MOLDED RF CHOKE .22UH 20%	24226	15/220
A5L12	9140-0096		COIL-FXD MOLDED RF CHOKE 1UH 10%	24226	15/101
A5L13	9140-0096		COIL-FXD MOLDED RF CHOKE 1UH 10%	24226	15/101
A5L14	9100-1613	1	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		COIL-FXD MOLDED RF CHOKE .82UH 10%	24226	15/820
A5L19	9170-0029	10	CORE-SHIELDING BEAD	02114	56-590-65A2/4A
A5MP28	1205-0037		HEAT-DISSIPATOR SGL TD-36 PKG	28480	1205-0037
A5MP29	1205-0037	HEAT-DISSIPATOR SGL TC-36 PKG	28480	1205-CC37	
A5Q1	1854-0296	2	TRANSISTOR NPN SI TD-92 PD=310MW	28480	1854-0296
A5Q2	1854-0296		TRANSISTOR NPN SI TD-92 PD=310MW	28480	1854-0296
A5Q3	1854-0092		TRANSISTOR NPN SI PD=200MW FT=600MHZ	28480	1854-0092
A5Q4	1854-0092		TRANSISTOR NPN SI PD=200MW FT=600MHZ	28480	1854-0092
A5Q5	1853-0096		TRANSISTOR PNP SI TD-18 PD=360MW	28480	1853-0096
A5Q6	1854-0019	4	TRANSISTOR NPN SI TD-18 PD=360MW	28480	1854-0019
A5Q7	1853-0034		TRANSISTOR PNP SI TD-18 PD=360MW	28480	1853-0034
A5Q8	1853-0034		TRANSISTOR PNP SI TD-18 PD=360MW	28480	1853-0034
A5Q9	1853-0357		TRANSISTOR PNP SI TD-18 PD=360MW	26430	1853-0357
A5Q10	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5Q11	1853-0357	8	TRANSISTOR PNP SI TD-18 PD=360MW	26430	1853-0357
A5Q12	1853-0357		TRANSISTOR PNP SI TD-18 PD=360MW	28480	1853-0357
A5Q13	1854-0345		TRANSISTOR NPN 2N5179 SI TD-72 PD=200MW	04713	2N5179
A5Q14	1853-0357		TRANSISTOR PNP SI TD-18 PD=360MW	28480	1853-0357
A5Q15	1853-0357		TRANSISTOR PNP SI TD-18 PD=360MW	28480	1853-0357
A5Q16	1854-0009	4	TRANSISTOR NPN 2N709 SI TD-18 PD=300MW	28480	1854-0009
A5Q17	1854-0215		TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	SPS 3611
A5Q18	1854-0215		TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	SPS 3611
A5Q19	1854-0215		TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	SPS 3611
A5Q20	1854-0019		TRANSISTOR NPN SI TD-18 PD=360MW	28480	1854-0019

See table 6-3 for Manufacturer Codes

Table 7-3. Replacement for Table 6-5. Board A5 Replaceable Parts List (Cont'd)

Reference Designation	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
A5021	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5022	1854-0019		TRANSISTOR NPN SI TO-18 PD=360MW	28480	1854-0019
A5023	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5024	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5025	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5026	1853-0357		TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0357
A5027	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5028	1854-0019		TRANSISTOR NPN SI TO-18 PD=360MW	28480	1854-0019
A5029	1853-0034		TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0034
A5030	1854-0345		TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	04713	2N5179
A5031	1854-0345		TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	04713	2N5179
A5032	1853-0018	1	TRANSISTOR PNP SI TO-72 PD=200MW FT=1GHZ	28480	1853-0018
A5033	1853-0357		TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0357
A5034	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5035	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5036	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5037	1853-0036		TRANSISTOR PNP SI PD=310MW FT=250MHZ	28480	1853-0036
A5038	1853-0357		TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0357
A5039	1853-0357		TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0357
A5040	1854-0345		TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	04713	2N5179
A5041	1854-0345		TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	04713	2N5179
A5042	1854-0009		TRANSISTOR NPN 2N709 SI TO-18 PD=300MW	28480	1854-0009
A5043	1853-0357		TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0357
A5044	1853-0015	1	TRANSISTOR PNP SI PD=200MW FT=500MHZ	28480	1853-0015
A5045	1854-0345		TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	04713	2N5179
A5046	1854-0345		TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	04713	2N5179
A5047	1854-0009		TRANSISTOR NPN 2N709 SI TO-18 PD=300MW	28480	1854-0009
A5048	1854-0215		TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	SPS 3611
A5049	1854-0215		TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	SPS 3611
A5050	1854-0092		TRANSISTOR NPN SI PD=200MW FT=600MHZ	28480	1854-0092
A5051	1854-0092		TRANSISTOR NPN SI PD=200MW FT=600MHZ	28480	1854-0092
A5052	1854-0009		TRANSISTOR NPN 2N709 SI TO-18 PD=300MW	28480	1854-0009
A5053	1853-0357		TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0357
A5054	1853-0218	2	TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0218
A5055	1853-0218		TRANSISTOR PNP SI TO-18 PD=360MW	28480	1853-0218
A5R1	0758-0024	3	RESISTOR 100 5% .25W F TC=0+-100	24546	C5-1/4-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	1	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-T0-909-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-T0-56R2-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-T0-82P5-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
A5R37	0698-3151	1	RESISTOR 2.87K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2871-F
A5R38	0698-0084	7	RESISTOR 2.15K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2151-F
A5R39	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 7-3. Replacement for Table 6-5. Board A5 Replaceable Parts List (Cont'd)

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
A5R44	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	C4-1/8-T0-1213-F
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	C4-1/8-T0-1102-F
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	C4-1/8-T0-5111-F
A5R58	0757-0433		RESISTOR 3.32K 1% .125W F TC=0+-100	24546	C4-1/8-T0-3321-F
A5R59	0757-0427	3	RESISTOR 1.5K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1501-F
A5R60	0757-0273		RESISTOR 3.01K 1% .125W F TC=0+-100	24546	C4-1/8-T0-3011-F
A5R61	0757-0273	1	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		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	3	RESISTOR 16.2K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1622-F
A5R67	0757-0421		RESISTOR 825 1% .125W F TC=0+-100	24546	C4-1/8-T0-825R-F
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	10	RESISTOR 2.67K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2671-F
A5R72	0698-3492		RESISTOR 2.67K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2671-F
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	6	RESISTOR 5.11K 1% .125W F TC=0+-100	24546	C4-1/8-T0-5111-F
A5R77	0757-0290		RESISTOR 6.19K 1% .125W F TC=0+-100	19701	MF4C1/8-T0-6191-F
A5P78	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	4	RESISTOR 1.5K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1501-F
A5R82	0757-0409		RESISTOR 274 1% .125W F TC=0+-100	24546	C4-1/8-T0-274R-F
A5R83	0757-0404		RESISTOR 130 1% .125W F TC=0+-100	24546	C4-1/8-T0-131-F
A5R84	0758-0002		RESISTOR 560 5% .25W F TC=0+-100	24546	C5-1/4-T0-561-J
A5R85	0757-0429		RESISTOR 1.82K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1821-F
A5R86	0757-0284	3	RESISTOR 150 1% .125W F TC=0+-100	24546	C4-1/8-T0-151-F
A5R87	0757-0284		RESISTOR 150 1% .125W F TC=0+-100	24546	C4-1/8-T0-151-F
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	1	RESISTOR 23.7K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2372-F
A5R92	0698-3158		RESISTOR 23.7K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2372-F
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	1	RESISTOR 100 1% .125W F TC=0+-100	24546	C4-1/8-T0-101-F
A5R97	0757-0278		RESISTOR 1.78K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1781-F
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	3	RESISTOR 5.11K 1% .125W F TC=0+-100	24546	C4-1/8-T0-5111-F
A5R102	0698-3492		RESISTOR 2.67K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2671-F
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	1	RESISTOR 47.5 1% .125W F TC=0+-100	24546	C4-1/8-T0-47R5-F
A5R107	0757-0427		RESISTOR 1.5K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1501-F
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	0758-0002	RESISTOR 560 5% .25W F TC=0+-100	24546	C5-1/4-T0-561-J	
A5R112	0757-0442	1	RESISTOR 10K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1002-F
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 7-3. Replacement for Table 6-5. Board A5 Replaceable Parts List (Cont'd)

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		RESISTOR 2.67K 1% .125W F TC=0+-100	16299	C4-1/8-T0-2671-F
A5R120	0756-0126	2	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		RESISTOR 681 1% .125W F TC=0+-100	24546	C4-1/8-T0-681R-F
A5R124	0757-0280	10	RESISTOR 1K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1001-F
A5R125	0757-0437	4	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		RESISTOR 82.5 1% .125W F TC=0+-100	24546	C4-1/8-T0-82R5-F
A5R128	0757-0411	4	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		RESISTOR 5.1K 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	1	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	0757-0405		RESISTOR 162 1% .125W F TC=0+-100	24546	C4-1/8-T0-162R-F
A5R140	0757-0401		RESISTOR 100 1% .125W F TC=0+-100	24546	C4-1/8-T0-101-F
A5R141	0757-0410	1	RESISTOR 301 1% .125W F TC=0+-100	24546	C4-1/8-T0-301R-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		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	1	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		RESISTOR 1K 1% .125W F TC=0+-100	24546	C4-1/8-T0-1001-F
A5R158	0757-0433	5	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		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		RESISTOR 200 1% .125W F TC=0+-100	24546	C4-1/8-T0-201-F
A5R168	0757-0279	1	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		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	4	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		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		RESISTOR 909 1% .125W F TC=0+-100	24546	C4-1/8-T0-909R-F
A5R188	2100-0554	5	RESISTOR-VAR TKMR 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		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	0698-4422	1	RESISTOR 1.27K 1% .125W F TC=0+-100	16299	C4-1/8-T0-1271-F
A5R199	0757-0412	1	RESISTOR 365 1% .125W F TC=0+-100	24546	C4-1/8-T0-365R-F

See table 6-3 for Manufacturer Codes

Table 7-4. Replacement for Table 6-6. Board A6 Replaceable Parts List

Reference Designation	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
A6	08013-66504	1	BOARD ASSEMBLY, AMPLIFIER OUTPUT	28480	08013-66504
A6C1	0160-2307	1	CAPACITOR-FXD .47PF +-5% 300WVDC MICA	28480	0160-2307
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		CAPACITOR-FXD .27PF +-5% 300WVDC MICA	28480	0160-2306
A6C11	0160-2055	12	CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A6C12	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A6C13	0160-0174	10	CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C20	0160-0174		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		CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C23	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A6C24	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A6C25	0121-0046	2	CAPACITOR-V TRMR-CER 9/35PF 200V PC-MTG	00865	304322 9/35PF N650
A6C26	0140-0190	2	CAPACITOR-FXD .39PF +-5% 300WVDC MICA	72136	DM15E390J0300WV1CR
A6C26	0160-0356		CAPACITOR-FXD .18PF +-5% 300WVDC MICA	28480	0160-0356
A6C26	0140-0202	2	CAPACITOR-FXD .15PF +-5% 500WVDC MICA	72136	DM15C150J0500WV1CR
A6C26	0160-2150	2	CAPACITOR-FXD .33PF +-5% 300WVDC MICA	28480	0160-2150
A6C26	0140-0201	2	CAPACITOR-FXD .12PF +-5% 500WVDC MICA	72136	DM15C120J0500WV1CR
A6C27	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A6C28	0180-0291	4	CAPACITOR-FXD; 1UF+-10% 35VDC TA-SOLID	56289	150D105X9035A2
A6C29	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A6C30	0180-0291		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		CAPACITOR-FXD 1000PF +80-20% 100WVDC	28480	0150-0050
A6C42	0160-2306		CAPACITOR-FXD .27PF +-5% 300WVDC MICA	28480	0160-2306
A6C51	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A6C52	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A6C53	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A6C54	0160-0174		CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C60	0160-0174		CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C61	0160-0174		CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C62	0180-0098		CAPACITOR-FXD; 100UF+-20% 20VDC TA	56289	150D107X0020S2
A6C63	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A6C64	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A6C65	0121-0046		CAPACITOR-V TRMR-CER 9/35PF 200V PC-MTG	00865	304322 9/35PF N650
A6C67	0180-0291		CAPACITOR-FXD; 1UF+-10% 35VDC TA-SOLID	56289	150D105X9035A2
A6C68	0160-2055		CAPACITOR-FXD .01UF +80-20% 100WVDC CER	28480	0160-2055
A6C69	0180-0291		CAPACITOR-FXD; 1UF+-10% 35VDC TA-SOLID	56289	150D105X9035A2
A6C70	0160-2259		CAPACITOR-FXD .12PF +-5% 500WVDC CER	28480	0160-2259
A6C80	0160-0174		CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C81	0160-0174		CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C90	0160-0174		CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C91	0160-0174		CAPACITOR-FXD .47UF +80-20% 25WVDC CER	28480	0160-0174
A6C100	0180-1784	2	CAPACITOR-FXD 1000UF +-75-10% 40VDC AL	56289	39D108G040GPF4
A6C101	0160-2940	2	CAPACITOR-FXD .470PF +-5% 300WVDC MICA	28480	0160-2940
A6C102	0180-1784		CAPACITOR-FXD 1000UF +75-10% 40VDC AL	56289	39D108G040GPF4
A6C103	0160-2940		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		CAPACITOR-FXD .1UF +-20% 50WVDC POLYE	28480	0160-4213
A6CR1	1902-0025	1	DIODE-ZNR 10V 5% DO-7 PD=-.4W TC=+.06Z	04713	SZ 10939-182
A6CR6	1901-0533	6	DIODE-SCHOTTKY	28480	1901-0533
A6CR7	1901-0533		DIODE-SCHOTTKY	28480	1901-0533
A6CR100	1901-0159	8	DIODE-PWR RECT 400V 750MA DO-41	04713	SR1358-4
A6CR101	1901-0159		DIODE-PWR RECT 400V 750MA DO-41	04713	SR1358-4
A6CR102	1901-0159		DIODE-PWR RECT 400V 750MA DO-41	04713	SR1358-4
A6CR103	1901-0159		DIODE-PWR RECT 400V 750MA DO-41	04713	SR1358-4
A6CR104	1901-0159		DIODE-PWR RECT 400V 750MA DO-41	04713	SR1358-4
A6CR105	1901-0159		DIODE-PWR RECT 400V 750MA DO-41	04713	SR1358-4
A6CR106	1901-0159		DIODE-PWR RECT 400V 750MA DO-41	04713	SR1358-4
A6CR107	1901-0159		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		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
A6L6	9100-1613		COIL-FXD MOLDED RF CHOKE .47UH 20%	24226	15/470
A6L8	9100-1611		COIL-FXD MOLDED RF CHOKE .22UH 20%	24226	15/220
A6L9	9170-0029		CORE-SHIELDING BEAD	02114	56-590-65A2/4A

See table 6-3 for Manufacturer Codes

Table 7-4. Replacement for Table 6-6. Board A6 Replaceable Parts List (Cont'd)

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
A6MP27	0340-0720	1	INSULATOR-XSTR TO-18 .1-THK	13103	0340-0720
A6MP28	1200-0185	1	INSULATOR-XSTR TO-5 .075-THK	13103	7717-86N RED
A6Q1	1854-0345	2	TRANSISTOR NPN 2N5179 SI TO-72 PD=200MH	04713	2N5179
A6Q2	1854-0345		TRANSISTOR NPN 2N5179 SI TO-72 PD=200MH	04713	2N5179
A6Q3	1853-0218	1	TRANSISTOR PNP SI TO-18 PD=360MH	28480	1853-0218
A6Q4	1853-0357	2	TRANSISTOR PNP SI TO-18 PD=360MH	28480	1853-0357
A6Q5	1853-0357		TRANSISTOR PNP SI TO-18 PD=360MH	28480	1853-0357
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=800MH	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	1854-0009	1	TRANSISTOR NPN 2N709 SI TO-18 PD=300MH	28480	1854-0009
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=600MH	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	1854-0433		TRANSISTOR NPN SI PD=90W FT=2MHZ	28480	1854-0433
A6Q24	1854-0215		TRANSISTOR NPN SI PD=350MW FT=300MHZ	04713	SPS 3611
A6Q25	1853-0027		TRANSISTOR PNP SI TO-39 PD=1W FT=100MHZ	28480	1853-0027
A6Q26	1854-0039		TRANSISTOR NPN 2N3053 SI TO-5 PD=1W	04713	2N3053
A6Q27	1854-0433	2	TRANSISTOR NPN SI PD=90W FT=2MHZ	28480	1854-0433
A6Q28	1854-0630		TRANSISTOR NPN SI TO-52 PD=360MH	04713	SS2077
A6Q29	1854-0630	4	TRANSISTOR NPN SI TO-52 PD=360MH	04713	SS2077
A6Q30	1854-0630		TRANSISTOR NPN SI TO-52 PD=360MH	04713	SS2077
A6Q31	1854-0630		TRANSISTOR NPN SI TO-52 PD=360MH	04713	SS2077
A6Q32	1854-0630		TRANSISTOR NPN SI TO-52 PD=360MH	04713	SS2077
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 TOP ADJ	73138	72PR100
A6R26	0757-0393	4	RESISTOR 47.5 1% .125W F TC=0+-100	24546	C4-1/8-T0-47R5-F
A6R27	0757-0393		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 7-4. Replacement for Table 6-6. Board A6 Replaceable Parts List (Cont'd)

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-T0-6192-F
A6R53	0758-0013	1	RESISTOR 120 5% .25W F TC=0+-100	24546	C5-1/4-T0-121-J
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-T0-162R-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	0698-3443	1	RESISTOR 287 1% .125W F TC=0+-100	16299	C4-1/8-T0-287R-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 PW 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 PW 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

Table 7-5. Replacement for Table 6-7. Board A7 Replaceable Parts List

Reference Designation	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
A7	08013-66505	1	BOARD ASSEMBLY, MOTHER	28480	08013-66505
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	9170-0029		CORE-SHIELDING BEAD	02114	56-590-65A2/4A
A7L4	9170-0029		CORE-SHIELDING BEAD	02114	56-590-65A2/4A
A7L5	9170-0029		CORE-SHIELDING BEAD	02114	56-590-65A2/4A
A7L6	9170-0029		CORE-SHIELDING BEAD	02114	56-590-65A2/4A
A7L7	9170-0029		CORE-SHIELDING BEAD	02114	56-590-65A2/4A
A7L8	9170-0029		CORE-SHIELDING BEAD	02114	56-590-65A2/4A
A7MP1	5020-3440	5	SPRING DETENT POP 51, 52, 53, 56, 57	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	0757-0206	2	RESISTOR 5.62K 1% .125W F TC=0+-100	24546	C4-1/8-T0-5621-F
A7R30	0757-0206		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	0758-0328	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
A7X6	1251-2034	1	CONNECTOR-PC EDGE 10-CONT/ROW 2-ROWS	71785	252-10-30-300

See table 6-3 for Manufacturer Codes