

Schematics, parts list, and component locator for the HP 54600A Oscilloscope

Caution

This product contains surface mount technology (SMT). If you do not use proper SMT repair tools and SMT repair techniques, the components or boards can be damaged.

Table 1. System Board Replaceable Parts

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
C1	0160-6497	1	140	CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C2	0121-0487	5	2	CAPACITOR-V TRMR-PSTN 1-3.5PF 300V	19701	2222-809-05001
C3	0160-7439	3	2	CAPACITOR-FXD 47PF 5% 500V COG	28480	0160-7439
C4	0160-7399	4	2	CAPACITOR-FXD 0.033UF 10% 200V	28480	0160-7399
C5	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C6	0160-6728	1	14	CAPACITOR-FXD 0.022UF +-10% 50VDC CER	28480	0160-6728
C7	0160-5963	4	2	CAPACITOR-FXD 18PF 50V 5%	28480	0160-5963
C8	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C9	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C10	0160-7430	4	3	CAPACITOR-FXD 270PF 5% 500V COG	28480	0160-7430
C11	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C12	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C13	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C14	0160-6736	1	72	CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C15	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C16	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C17	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C18	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C19	0121-0487	5		CAPACITOR-V TRMR-PSTN 1-3.5PF 300V	19701	2222-809-05001
C20	0160-7439	3		CAPACITOR-FXD 47PF 5% 500V COG	28480	0160-7439
C21	0160-7399	4		CAPACITOR-FXD 0.033UF 10% 200V	28480	0160-7399
C22	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C23	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C24	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C25	0160-6728	1		CAPACITOR-FXD 0.022UF +-10% 50VDC CER	28480	0160-6728
C26	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C27	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C28	0160-7430	4		CAPACITOR-FXD 270PF 5% 500V COG	28480	0160-7430
C29	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C30	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C31	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C32	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C33	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C34	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C35-36				NOT ASSIGNED		
C37	0160-6730	5	7	CAPACITOR-FXD 2200PF 50V 5%	28480	0160-6730
C38-44				NOT ASSIGNED		
C45	0160-6730	5		CAPACITOR-FXD 2200PF 50V 5%	28480	0160-6730
C46-51				NOT ASSIGNED		
C52	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C53				NOT ASSIGNED		
C54	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C55	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C56	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
C57	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C58	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C59	0160-6728	1		CAPACITOR-FXD 0.022UF +-10% 50VDC CER	28480	0160-6728
C60	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C61	0160-5975	8	1	CAPACITOR-FXD 10PF 50V 5%	28480	0160-5975
C62	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C63	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C64	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C65	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C66	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C67-68				NOT ASSIGNED		
C69	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C70	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C71	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C72	0180-3751	6	15	CAPACITOR-FXD TA 1UF 20% 35V B	28480	0180-3751
C73	0180-3751	6		CAPACITOR-FXD TA 1UF 20% 35V B	28480	0180-3751
C74	0180-3751	6		CAPACITOR-FXD TA 1UF 20% 35V B	28480	0180-3751
C75	0180-3751	6		CAPACITOR-FXD TA 1UF 20% 35V B	28480	0180-3751
C76	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C77	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C78-79				NOT ASSIGNED		
C80	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C81	0160-6728	1		CAPACITOR-FXD 0.022UF +-10% 50VDC CER	28480	0160-6728
C82-83				NOT ASSIGNED		
C84	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C85	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C86	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C87	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C88	0180-3755	0	16	CAPACITOR-FXD 33UF 10V 20%	28480	0180-3755
C89	0160-6728	1		CAPACITOR-FXD 0.022UF +-10% 50VDC CER	28480	0160-6728
C90	0160-6728	1		CAPACITOR-FXD 0.022UF +-10% 50VDC CER	28480	0160-6728
C91	0160-6728	1		CAPACITOR-FXD 0.022UF +-10% 50VDC CER	28480	0160-6728
C92				NOT ASSIGNED		
C93	0160-6728	1		CAPACITOR-FXD 0.022UF +-10% 50VDC CER	28480	0160-6728
C94	0160-6728	1		CAPACITOR-FXD 0.022UF +-10% 50VDC CER	28480	0160-6728
C95	0160-6728	1		CAPACITOR-FXD 0.022UF +-10% 50VDC CER	28480	0160-6728
C96	0160-6728	1		CAPACITOR-FXD 0.022UF +-10% 50VDC CER	28480	0160-6728
C97	0160-6728	1		CAPACITOR-FXD 0.022UF +-10% 50VDC CER	28480	0160-6728
C98	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C99	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C100	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C101	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C102	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C103	0160-5952	1	2	CAPACITOR-FXD 330PF 50V 5%	28480	0160-5952

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
C104	0160-6728	1		CAPACITOR-FXD 0.022UF +-10% 50VDC CER	28480	0160-6728
C105	0160-6730	5		CAPACITOR-FXD 2200PF 50V 5%	28480	0160-6730
C106	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C107	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C108	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C109	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C110	0180-3755	0		CAPACITOR-FXD 33UF 10V 20%	28480	0180-3755
C111	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C112	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C113	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C114	0180-3755	0		CAPACITOR-FXD 33UF 10V 20%	28480	0180-3755
C115	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C116	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C117	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C118	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C119	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C120	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C121	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C122	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C123	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C124	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C125	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C126	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C127	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C128	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C129	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C130	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C131	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C132	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C133				NOT ASSIGNED		
C134	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C135	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C136	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C137	0180-3753	8	5	CAPACITOR-FXD 6.8UF 35V 20%	28480	0180-3753
C138	0180-3753	8		CAPACITOR-FXD 6.8UF 35V 20%	28480	0180-3753
C139	0180-3755	0		CAPACITOR-FXD 33UF 10V 20%	28480	0180-3755
C140	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C141	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C142	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C143	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C144	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C145	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C146	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
C147	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C148	0180-3755	0		CAPACITOR-FXD 33UF 10V 20%	28480	0180-3755
C149	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C150	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C151	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C152	0180-3755	0		CAPACITOR-FXD 33UF 10V 20%	28480	0180-3755
C153	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C154	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C155	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C156	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C157	0180-3751	6		CAPACITOR-FXD TA 1UF 20% 35V B	28480	0180-3751
C158	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C159	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C160	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C161	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C162	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C163	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C164	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C165	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C166	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C167	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C168	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C169	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C170				NOT ASSIGNED		
C171	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C172	0180-3755	0		CAPACITOR-FXD 33UF 10V 20%	28480	0180-3755
C173	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C174	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C175	0180-3755	0		CAPACITOR-FXD 33UF 10V 20%	28480	0180-3755
C176	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C177	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C178				NOT ASSIGNED		
C179	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C180				NOT ASSIGNED		
C181	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C182	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C183	0180-3755	0		CAPACITOR-FXD 33UF 10V 20%	28480	0180-3755
C184	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C185	0180-3755	0		CAPACITOR-FXD 33UF 10V 20%	28480	0180-3755
C186	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C187	0180-3751	6		CAPACITOR-FXD TA 1UF 20% 35V B	28480	0180-3751
C188	0180-3751	6		CAPACITOR-FXD TA 1UF 20% 35V B	28480	0180-3751
C189	0180-3751	6		CAPACITOR-FXD TA 1UF 20% 35V B	28480	0180-3751
C190	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
C191				NOT ASSIGNED		
C192	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C193	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C194	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C195	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C196	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C197	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C198	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C199	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C200	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C201	0160-5952	1		CAPACITOR-FXD 330PF 50V 5%	28480	0160-5952
C202				NOT ASSIGNED		
C203	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C204	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C205	0180-3751	6		CAPACITOR-FXD TA 1UF 20% 35V B	28480	0180-3751
C206	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C207	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C208	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C209	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C210	0180-3753	8		CAPACITOR-FXD 6.8UF 35V 20%	28480	0180-3753
C211	0180-3753	8		CAPACITOR-FXD 6.8UF 35V 20%	28480	0180-3753
C212	0180-4116	9	2	CAPACITOR-FXD 22UF 20V 20%	28480	0180-4116
C213	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C214	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C215-219				NOT ASSIGNED		
C220	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C221	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C222	0160-6731	6	13	CAPACITOR-FXD 1000PF 50V 10%	28480	0160-6731
C223	0160-6731	6		CAPACITOR-FXD 1000PF 50V 10%	28480	0160-6731
C224	0160-6731	6		CAPACITOR-FXD 1000PF 50V 10%	28480	0160-6731
C225	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C226	0180-3755	0		CAPACITOR-FXD 33UF 10V 20%	28480	0180-3755
C227	0180-3755	0		CAPACITOR-FXD 33UF 10V 20%	28480	0180-3755
C228	0180-3751	6		CAPACITOR-FXD TA 1UF 20% 35V B	28480	0180-3751
C229	0180-3751	6		CAPACITOR-FXD TA 1UF 20% 35V B	28480	0180-3751
C230	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C231	0180-3751	6		CAPACITOR-FXD TA 1UF 20% 35V B	28480	0180-3751
C232	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C233	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C234	0160-5957	6	1	CAPACITOR-FXD 47PF 5% 50V	28480	0160-5957
C235	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C236	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C237				NOT ASSIGNED		
C238	0180-3755	0		CAPACITOR-FXD 33UF 10V 20%	28480	0180-3755

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
C239	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C240	0160-5967	8	4	CAPACITOR-FXD 100PF 50V 5%	28480	0160-5967
C241	0160-5967	8		CAPACITOR-FXD 100PF 50V 5%	28480	0160-5967
C242	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C243	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C244	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C245	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C246	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C247	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C248	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C249	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C250	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C251	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C252	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C253	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C254	0160-6730	5		CAPACITOR-FXD 2200PF 50V 5%	28480	0160-6730
C255	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C256	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C257	0180-3751	6		CAPACITOR-FXD TA 1UF 20% 35V B	28480	0180-3751
C258	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C259				NOT ASSIGNED		
C260	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C261	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C262	0180-3753	8		CAPACITOR-FXD 6.8UF 35V 20%	28480	0180-3753
C263	0160-5958	7	1	CAPACITOR-FXD 39.0PF 5% 50V	28480	0160-5958
C264	0160-5963	4		CAPACITOR-FXD 18PF 50V 5%	28480	0160-5963
C265	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C266	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C267	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C268				NOT ASSIGNED		
C269	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C270	0160-6730	5		CAPACITOR-FXD 2200PF 50V 5%	28480	0160-6730
C271	0180-3755	0		CAPACITOR-FXD 33UF 10V 20%	28480	0180-3755
C272	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C273	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C274	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C275	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C276	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C277	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C278	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C279	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C280	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C281	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C282	0160-6730	5		CAPACITOR-FXD 2200PF 50V 5%	28480	0160-6730

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
C283	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C284	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C285	0160-6730	5		CAPACITOR-FXD 2200PF 50V 5%	28480	0160-6730
C286	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C287	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C288	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C289	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C290	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C291	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C292	0160-6736	1		CAPACITOR-FXD 0.01UF 50V 10%	28480	0160-6736
C293	0180-3755	0		CAPACITOR-FXD 33UF 10V 20%	28480	0180-3755
C294	0180-4116	9		CAPACITOR-FXD 22UF 20V 20%	28480	0180-4116
C295	0180-3755	0		CAPACITOR-FXD 33UF 10V 20%	28480	0180-3755
C296	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C297	0160-5961	2	1	CAPACITOR-FXD 22PF 50V 5%	28480	0160-5961
C298	0160-6731	6		CAPACITOR-FXD 1000PF 50V 10%	28480	0160-6731
C299	0160-5967	8		CAPACITOR-FXD 100PF 50V 5%	28480	0160-5967
C300	0160-5967	8		CAPACITOR-FXD 100PF 50V 5%	28480	0160-5967
C301-302				NOT ASSIGNED		
C303	0160-5978	1	2	CAPACITOR-FXD 2.2PF 50V 22.73%	28480	0160-5978
C304	0160-5978	1		CAPACITOR-FXD 2.2PF 50V 22.73%	28480	0160-5978
C305	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C306	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C307	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C308	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C309	0160-6731	6		CAPACITOR-FXD 1000PF 50V 10%	28480	0160-6731
C310	0160-6731	6		CAPACITOR-FXD 1000PF 50V 10%	28480	0160-6731
C311	0160-6731	6		CAPACITOR-FXD 1000PF 50V 10%	28480	0160-6731
C312	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C313	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C314	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C315-316				NOT ASSIGNED		
C317	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C318	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C319	0180-3751	6		CAPACITOR-FXD TA 1UF 20% 35V B	28480	0180-3751
C320	0180-3751	6		CAPACITOR-FXD TA 1UF 20% 35V B	28480	0180-3751
C321	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C322	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C323	0160-6731	6		CAPACITOR-FXD 1000PF 50V 10%	28480	0160-6731
C324	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C325	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C326	0160-6731	6		CAPACITOR-FXD 1000PF 50V 10%	28480	0160-6731
C327	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C328	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
C329	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C330	0160-6731	6		CAPACITOR-FXD 1000PF 50V 10%	28480	0160-6731
C331	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C332	0160-6731	6		CAPACITOR-FXD 1000PF 50V 10%	28480	0160-6731
C333	0160-6731	6		CAPACITOR-FXD 1000PF 50V 10%	28480	0160-6731
C334	0160-6731	6		CAPACITOR-FXD 1000PF 50V 10%	28480	0160-6731
C335-500				NOT ASSIGNED		
C501	0160-7430	4		CAPACITOR-FXD 270PF 5% 500V COG	28480	0160-7430
C502	0160-6728	1		CAPACITOR-FXD 0.022UF +-10% 50VDC CER	28480	0160-6728
C503	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C504	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C505	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C506	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C507	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C508	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C509	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C510	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C511	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C512	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C513	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C514	0160-6497	1		CAPACITOR-FXD 0.1UF +-10% 25VDC CER	28480	0160-6497
C515	0160-7460	0	1	CAPACITOR-FXD 3.3PF	28480	0160-7460
C516	0160-5962	3	1	CAPACITOR-FXD 15PF 50V 5%	28480	0160-5962
CR1	1906-0334	6	14	DIODE-DUAL 200V 200MA TO-236AA	07263	FDS01503
CR2	1906-0334	6		DIODE-DUAL 200V 200MA TO-236AA	07263	FDS01503
CR3	1906-0334	6		DIODE-DUAL 200V 200MA TO-236AA	07263	FDS01503
CR4	1906-0334	6		DIODE-DUAL 200V 200MA TO-236AA	07263	FDS01503
CR5	1906-0334	6		DIODE-DUAL 200V 200MA TO-236AA	07263	FDS01503
CR6	1906-0334	6		DIODE-DUAL 200V 200MA TO-236AA	07263	FDS01503
CR7	1906-0334	6		DIODE-DUAL 200V 200MA TO-236AA	07263	FDS01503
CR8	1906-0334	6		DIODE-DUAL 200V 200MA TO-236AA	07263	FDS01503
CR9-24				NOT ASSIGNED		
CR25	1906-0334	6		DIODE-DUAL 200V 200MA TO-236AA	07263	FDS01503
CR26	1906-0291	4	7	DIODE-DUAL 70V 100MA TO-236AA	04713	MBAV99
CR27	1906-0291	4		DIODE-DUAL 70V 100MA TO-236AA	04713	MBAV99
CR28	1900-0078	3	3	DIODE-SCHOTTKY SM SIG	28480	HSMS-2800
CR29	1900-0078	3		DIODE-SCHOTTKY SM SIG	28480	HSMS-2800
CR30	1906-0336	8	2	DIODE-DUAL 70V 200MA TO-236AA	04713	MBAV70
CR31	1906-0291	4		DIODE-DUAL 70V 100MA TO-236AA	04713	MBAV99
CR32	1902-1565	9	2	DIODE-ZNR 4.7V 5%	28480	1902-1565
CR33	1906-0291	4		DIODE-DUAL 70V 100MA TO-236AA	04713	MBAV99
CR34	1906-0336	8		DIODE-DUAL 70V 200MA TO-236AA	04713	MBAV70
CR35	1906-0334	6		DIODE-DUAL 200V 200MA TO-236AA	07263	FDS01503
CR36	1900-0078	3		DIODE-SCHOTTKY SM SIG	28480	HSMS-2800

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
CR37	1900-0245	6	2	DIODE-HSM2805	28480	1900-0245
CR38	1906-0334	6		DIODE-DUAL 200V 200MA TO-236AA	07263	FDS01503
CR39	1906-0334	6		DIODE-DUAL 200V 200MA TO-236AA	07263	FDS01503
CR40	1906-0291	4		DIODE-DUAL 70V 100MA TO-236AA	04713	MBAV99
CR41	0122-0172	7	1	DIODE-VVC 29PF 10% C3/C25-MIN=5 BVR=28V	25403	BBY40
CR42	1900-0245	6		DIODE-HSM2805	28480	1900-0245
CR43-500				NOT ASSIGNED		
CR501	1906-0334	6		DIODE-DUAL 200V 200MA TO-236AA	07263	FDS01503
CR502	1906-0334	6		DIODE-DUAL 200V 200MA TO-236AA	07263	FDS01503
CR503	1906-0291	4		DIODE-DUAL 70V 100MA TO-236AA	04713	MBAV99
CR504	1906-0291	4		DIODE-DUAL 70V 100MA TO-236AA	04713	MBAV99
CR505-508				NOT ASSIGNED		
CR509	1902-1565	9		DIODE-ZNR 4.7V 5%	28480	1902-1565
E1	9170-1421	1	37	BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E2	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E3	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E4	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E5	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E6	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E7	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E8	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E9	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E10	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E11	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E12	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E13-16				NOT ASSIGNED		
E17	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E18	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E19	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E20	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E21	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E22	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E23	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E24	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E25	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E26	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E27	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E28	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E29	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E30	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E31	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E32	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E33	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E34	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
E35	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E36	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E37	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E38	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E39-500				NOT ASSIGNED		
E501	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E502	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
E503	9170-1421	1		BEAD SHIELDING Z=77 OHMS at 100 MHz	28480	9170-1421
J1-4				NOT ASSIGNED		
J5	54601-61602	2	1	SYSTEM CABLE	28480	54601-61602
J6	1251-8600	6	1	CONN-POST TYPE 0.100-PIN-SPCG 16-CONT	28480	1251-8600
J7	1252-4188	9	1	CONNECTOR-M3 THREADS	28480	1252-4188
J8	54601-61601	1	1	PROBE COMP CABLE	28480	54601-61601
J9	1250-2012	0	1	CONNECTOR-RF BNC FEM PC 50-0HM	28480	1250-2012
K1	0490-1713	3	2	TF2SA-5V RELAY	28480	0490-1713
K2	0490-1662	1	2	RELAY-REED	28480	0490-1662
K3	0490-1713	3		TF2SA-5V RELAY	28480	0490-1713
K4	0490-1662	1		RELAY-REED	28480	0490-1662
L1	9140-1121	5	2	L 100UH 5%	28480	9140-1121
L2	9140-1121	5		L 100UH 5%	28480	9140-1121
L3	5081-7682	5	3	RF CHOKE	28480	5081-7682
L4	5081-7682	5		RF CHOKE	28480	5081-7682
L5	5081-7682	5		RF CHOKE	28480	5081-7682
L6	9140-1204	5	1	L 68NH +-5%	28480	9140-1204
L7	9140-1101	1	1	L 470NH +-5%	28480	9140-1101
Q1	1855-0480	4	4	TRANSISTOR J-FET N-CHAN	28480	1855-0480
Q2	1853-0516	3	10	TRANSISTOR PNP TO-236AA PD=350MW	04713	MMBT81
Q3	1854-1102	7	10	TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT24
Q4	1853-0516	3		TRANSISTOR PNP TO-236AA PD=350MW	04713	MMBT81
Q5	1853-0516	3		TRANSISTOR PNP TO-236AA PD=350MW	04713	MMBT81
Q6	1854-1037	7	22	TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q7	1853-0567	4	7	TRANSISTOR PNP SI TO-236AA PD=350MW	04713	MMBT3906
Q8	1855-0480	4		TRANSISTOR J-FET N-CHAN	28480	1855-0480
Q9	1853-0516	3		TRANSISTOR PNP TO-236AA PD=350MW	04713	MMBT81
Q10	1853-0516	3		TRANSISTOR PNP TO-236AA PD=350MW	04713	MMBT81
Q11	1853-0516	3		TRANSISTOR PNP TO-236AA PD=350MW	04713	MMBT81
Q12	1854-1102	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT24
Q13	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q14	1853-0567	4		TRANSISTOR PNP SI TO-236AA PD=350MW	04713	MMBT3906
Q15-24				NOT ASSIGNED		
Q25	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q26	1855-0480	4		TRANSISTOR J-FET N-CHAN	28480	1855-0480
Q27	1854-1102	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT24

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
Q28	1854-1102	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBTH24
Q29	1854-1102	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBTH24
Q30	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q31	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q32	1854-1102	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBTH24
Q33	1854-1102	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBTH24
Q34	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q35	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q36	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q37				NOT ASSIGNED		
Q38	1854-1148	1	4	TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBTH10
Q39	1854-1148	1		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBTH10
Q40-41				NOT ASSIGNED		
Q42	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q43	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q44	1853-0567	4		TRANSISTOR PNP SI TO-236AA PD=350MW	04713	MMBT3906
Q45	1853-0516	3		TRANSISTOR PNP TO-236AA PD=350MW	04713	MMBT81
Q46	1853-0516	3		TRANSISTOR PNP TO-236AA PD=350MW	04713	MMBT81
Q47	1853-0567	4		TRANSISTOR PNP SI TO-236AA PD=350MW	04713	MMBT3906
Q48	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q49	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q50	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q51	1853-0567	4		TRANSISTOR PNP SI TO-236AA PD=350MW	04713	MMBT3906
Q52	1853-0567	4		TRANSISTOR PNP SI TO-236AA PD=350MW	04713	MMBT3906
Q53	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q54	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q55	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q56	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q57	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q58	1854-1148	1		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBTH10
Q59	1854-1148	1		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBTH10
Q60	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q61	1855-0715	8	1	TRANSISTOR J-FET N-CHAN D-MODE TO-236AA	27014	MMBF4393
Q62	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q63				NOT ASSIGNED		
Q64	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q65	1853-0567	4		TRANSISTOR PNP SI TO-236AA PD=350MW	04713	MMBT3906
Q66	1854-1037	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBT3904
Q67-500				NOT ASSIGNED		
Q501	1855-0480	4		TRANSISTOR J-FET N-CHAN	28480	1855-0480
Q502	1854-1102	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBTH24
Q503	1853-0516	3		TRANSISTOR PNP TO-236AA PD=350MW	04713	MMBT81
Q504	1854-1102	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBTH24
Q505	1854-1102	7		TRANSISTOR NPN SI TO-236AA PD=350MW	04713	MMBTH24

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
Q506	1853-0516	3		TRANSISTOR PNP TO-236AA PD=350MW	04713	MMBTH81
R1	0699-1354	0	15	RESISTOR 26.1 1% 0.125W	28480	0699-1354
R2	0699-3083	6	2	RESISTOR 950K 0.1%	28480	0699-3083
R3	0699-3084	7	2	RESISTOR 52.63K 0.1%	28480	0699-3084
R4	0699-1364	2	7	RESISTOR 68.1 1% 0.125W	28480	0699-1364
R5	0699-1358	4	2	RESISTOR 38.3 1% 0.125W	28480	0699-1358
R6	0699-3086	9	5	RESISTOR 800K 0.1%	28480	0699-3086
R7	0699-1354	0		RESISTOR 26.1 1% 0.125W	28480	0699-1354
R8	0699-1431	4	11	RESISTOR 464 1% 0.125W	28480	0699-1431
R9	0699-3085	8	4	RESISTOR 400K 0.1%	28480	0699-3085
R10	0699-3085	8		RESISTOR 400K 0.1%	28480	0699-3085
R11	0699-2483	8	4	RESISTOR 4K 1% 0.125W	28480	0699-2483
R12	0699-1371	1	4	RESISTOR 1.33K 1% 0.125W TKF TC=0+-100	28480	0699-1371
R13	0699-2822	9	3	RESISTOR 200K 0.1% 0.125W	28480	0699-2822
R14	0699-2483	8		RESISTOR 4K 1% 0.125W	28480	0699-2483
R15	0699-2490	7	2	RESISTOR 1K 1% 0.125W	28480	0699-2490
R16	0699-1391	5	23	RESISTOR 10K 1% 0.125W	28480	0699-1391
R17	0699-1380	2	11	RESISTOR 3.16K 1% 0.125W	28480	0699-1380
R18	0699-1432	5	8	RESISTOR 511 1% 0.125W	28480	0699-1432
R19	0699-1328	8	3	RESISTOR 0.12TKF 4.7M 10 1206	28480	0699-1328
R20	0699-1344	8	6	RESISTOR 10 1% 0.125W	28480	0699-1344
R21	0699-1437	0	6	RESISTOR 825 1% 0.125W	28480	0699-1437
R22	0699-1380	2		RESISTOR 3.16K 1% 0.125W	28480	0699-1380
R23	0699-1318	6	19	RESISTOR 10K 5% 0.25W CC TC=400/+700	28480	0699-1318
R24	0699-1419	8	6	RESISTOR 147 1% 0.125W	28480	0699-1419
R25	0699-1431	4		RESISTOR 464 1% 0.125W	28480	0699-1431
R26	0699-1344	8		RESISTOR 10 1% 0.125W	28480	0699-1344
R27	0699-1352	8	6	RESISTOR 21.5 1% 0.125W	28480	0699-1352
R28	0699-3086	9		RESISTOR 800K 0.1%	28480	0699-3086
R29	0699-1415	4	23	RESISTOR 100 1% 0.125W	28480	0699-1415
R30	0699-2491	8	4	RESISTOR 0.12F 20K 0.1 1206	28480	0699-2491
R31	0699-1382	4	4	RESISTOR 3.83K 1% 0.125W	28480	0699-1382
R32	0699-1329	9	2	RESISTOR 6.19K 1% 0.125W	28480	0699-1329
R33	0699-1318	6		RESISTOR 10K 5% 0.25W CC TC=400/+700	28480	0699-1318
R34	0699-1378	8	13	RESISTOR 2.61K 1% 0.125W	28480	0699-1378
R35	0699-1352	8		RESISTOR 21.5 1% 0.125W	28480	0699-1352
R36	0699-1384	6	13	RESISTOR 4.64K 1% 0.125W	28480	0699-1384
R37	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R38	0699-1384	6		RESISTOR 4.64K 1% 0.125W	28480	0699-1384
R39	0699-1384	6		RESISTOR 4.64K 1% 0.125W	28480	0699-1384
R40	0699-1354	0		RESISTOR 26.1 1% 0.125W	28480	0699-1354
R41	0699-3083	6		RESISTOR 950K 0.1%	28480	0699-3083
R42	0699-3084	7		RESISTOR 52.63K 0.1%	28480	0699-3084
R43	0699-1364	2		RESISTOR 68.1 1% 0.125W	28480	0699-1364

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
R44	0699-1431	4		RESISTOR 464 1% 0.125W	28480	0699-1431
R45	0699-3085	8		RESISTOR 400K 0.1%	28480	0699-3085
R46	0699-3085	8		RESISTOR 400K 0.1%	28480	0699-3085
R47	0699-2491	8		RESISTOR 0.12F 20K 0.1 1206	28480	0699-2491
R48	0699-2822	9		RESISTOR 200K 0.1% 0.125W	28480	0699-2822
R49	0699-2483	8		RESISTOR 4K 1% 0.125W	28480	0699-2483
R50	0699-1371	1		RESISTOR 1.33K 1% 0.125W TKF TC=0+-100	28480	0699-1371
R51	0699-2483	8		RESISTOR 4K 1% 0.125W	28480	0699-2483
R52	0699-2490	7		RESISTOR 1K 1% 0.125W	28480	0699-2490
R53	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R54	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R55	0699-1380	2		RESISTOR 3.16K 1% 0.125W	28480	0699-1380
R56	0699-1358	4		RESISTOR 38.3 1% 0.125W	28480	0699-1358
R57	0699-3086	9		RESISTOR 800K 0.1%	28480	0699-3086
R58	0699-1362	0	30	RESISTOR 56.2 1% 0.125W	28480	0699-1362
R59	0699-1328	8		RESISTOR 0.12TKF 4.7M 10 1206	28480	0699-1328
R60	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R61	0699-1380	2		RESISTOR 3.16K 1% 0.125W	28480	0699-1380
R62	0699-1318	6		RESISTOR 10K 5% 0.25W CC TC=400/+700	28480	0699-1318
R63	0699-1419	8		RESISTOR 147 1% 0.125W	28480	0699-1419
R64	0699-1431	4		RESISTOR 464 1% 0.125W	28480	0699-1431
R65	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R66	0699-1437	0		RESISTOR 825 1% 0.125W	28480	0699-1437
R67	0699-1352	8		RESISTOR 21.5 1% 0.125W	28480	0699-1352
R68	0699-3086	9		RESISTOR 800K 0.1%	28480	0699-3086
R69	0699-1432	5		RESISTOR 511 1% 0.125W	28480	0699-1432
R70	0699-1382	4		RESISTOR 3.83K 1% 0.125W	28480	0699-1382
R71	0699-1329	9		RESISTOR 6.19K 1% 0.125W	28480	0699-1329
R72	0699-1318	6		RESISTOR 10K 5% 0.25W CC TC=400/+700	28480	0699-1318
R73	0699-1378	8		RESISTOR 2.61K 1% 0.125W	28480	0699-1378
R74	0699-1352	8		RESISTOR 21.5 1% 0.125W	28480	0699-1352
R75	0699-1384	6		RESISTOR 4.64K 1% 0.125W	28480	0699-1384
R76	0699-1384	6		RESISTOR 4.64K 1% 0.125W	28480	0699-1384
R77	0699-1384	6		RESISTOR 4.64K 1% 0.125W	28480	0699-1384
R78	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R79-89				NOT ASSIGNED		
R90	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R91-121				NOT ASSIGNED		
R122	0699-1383	5	13	RESISTOR 12TKF 4.22K 1 1206	28480	0699-1383
R123-141				NOT ASSIGNED		
R142	0699-2484	9	16	RESISTOR 50K 1% 0.125W	28480	0699-2484
R143				NOT ASSIGNED		
R144	0699-2491	8		RESISTOR 0.12F 20K 0.1 1206	28480	0699-2491
R145	0699-1330	2	26	RESISTOR 100K 1% 0.125W	28480	0699-1330

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
R146	0699-1431	4		RESISTOR 464 1% 0.125W	28480	0699-1431
R147	0699-1463	2	4	RESISTOR 1.5M 5% 0.125W TKF TC=0+-200	28480	0699-1463
R148	0699-1423	4	10	RESISTOR 215 1% 0.125W	28480	0699-1423
R149	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R150	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R151	0699-1431	4		RESISTOR 464 1% 0.125W	28480	0699-1431
R152	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R153	0699-1382	4		RESISTOR 3.83K 1% 0.125W	28480	0699-1382
R154	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R155	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R156	0699-1384	6		RESISTOR 4.64K 1% 0.125W	28480	0699-1384
R157	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R158	0699-1419	8		RESISTOR 147 1% 0.125W	28480	0699-1419
R159	0699-1318	6		RESISTOR 10K 5% 0.25W CC TC=400/+700	28480	0699-1318
R160	0699-1318	6		RESISTOR 10K 5% 0.25W CC TC=400/+700	28480	0699-1318
R161	0699-1384	6		RESISTOR 4.64K 1% 0.125W	28480	0699-1384
R162	0699-1360	8	9	RESISTOR 0.125TKF 46.4 1 1206	28480	0699-1360
R163	0699-1360	8		RESISTOR 0.125TKF 46.4 1 1206	28480	0699-1360
R164	0699-1382	4		RESISTOR 3.83K 1% 0.125W	28480	0699-1382
R165	0699-1437	0		RESISTOR 825 1% 0.125W	28480	0699-1437
R166	0699-1398	2	6	RESISTOR 21.5K 1% 0.125W	28480	0699-1398
R167	0699-1400	7	2	RESISTOR 26.1K 1% 0.125W	28480	0699-1400
R168	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R169	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R170	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R171	0699-1394	8	10	RESISTOR 14.7K 1% 0.125W	28480	0699-1394
R172	0699-1394	8		RESISTOR 14.7K 1% 0.125W	28480	0699-1394
R173	0699-1371	1		RESISTOR 1.33K 1% 0.125W TKF TC=0+-100	28480	0699-1371
R174	0699-1458	5	1	RESISTOR 681K 1% 0.125W	28480	0699-1458
R175	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R176	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R177	0699-1432	5		RESISTOR 511 1% 0.125W	28480	0699-1432
R178	0699-1318	6		RESISTOR 10K 5% 0.25W CC TC=400/+700	28480	0699-1318
R179	0699-1360	8		RESISTOR 0.125TKF 46.4 1 1206	28480	0699-1360
R180				NOT ASSIGNED		
R181	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R182	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R183	0699-1432	5		RESISTOR 511 1% 0.125W	28480	0699-1432
R184-185				NOT ASSIGNED		
R186	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R187	0699-1360	8		RESISTOR 0.125TKF 46.4 1 1206	28480	0699-1360
R188	0699-1360	8		RESISTOR 0.125TKF 46.4 1 1206	28480	0699-1360
R189-190				NOT ASSIGNED		
R191	2100-4233	5	2	RESISTOR TRMR 500 20%	28480	2100-4233

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
R192	2100-4233	5		RESISTOR TRMR 500 20%	28480	2100-4233
R193	0699-1431	4		RESISTOR 464 1% 0.125W	28480	0699-1431
R194	0699-1419	8		RESISTOR 147 1% 0.125W	28480	0699-1419
R195	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R196	0699-1431	4		RESISTOR 464 1% 0.125W	28480	0699-1431
R197	0699-1431	4		RESISTOR 464 1% 0.125W	28480	0699-1431
R198	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R199-200				NOT ASSIGNED		
R201	0699-2484	9		RESISTOR 50K 1% 0.125W	28480	0699-2484
R202	0699-2491	8		RESISTOR 0.12F 20K 0.1 1206	28480	0699-2491
R203	0699-1445	0	2	RESISTOR 215K 1% 0.125W	28480	0699-1445
R204	0699-1433	6	8	RESISTOR 562 1% 0.125W	28480	0699-1433
R205	0699-1433	6		RESISTOR 562 1% 0.125W	28480	0699-1433
R206	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R207	0699-1433	6		RESISTOR 562 1% 0.125W	28480	0699-1433
R208	0699-2484	9		RESISTOR 50K 1% 0.125W	28480	0699-2484
R209				NOT ASSIGNED		
R210	0699-2484	9		RESISTOR 50K 1% 0.125W	28480	0699-2484
R211	0699-2484	9		RESISTOR 50K 1% 0.125W	28480	0699-2484
R212	0699-2484	9		RESISTOR 50K 1% 0.125W	28480	0699-2484
R213	0699-1398	2		RESISTOR 21.5K 1% 0.125W	28480	0699-1398
R214	0699-1398	2		RESISTOR 21.5K 1% 0.125W	28480	0699-1398
R215	0699-1452	9	3	RESISTOR 422K 1% 0.125W TKF TC=0+-100	28480	0699-1452
R216	0699-1423	4		RESISTOR 215 1% 0.125W	28480	0699-1423
R217	0699-1434	7	5	RESISTOR 619 1% 0.125W	28480	0699-1434
R218	0699-1380	2		RESISTOR 3.16K 1% 0.125W	28480	0699-1380
R219	0699-1433	6		RESISTOR 562 1% 0.125W	28480	0699-1433
R220	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R221	0699-2484	9		RESISTOR 50K 1% 0.125W	28480	0699-2484
R222	0699-2484	9		RESISTOR 50K 1% 0.125W	28480	0699-2484
R223	0699-2484	9		RESISTOR 50K 1% 0.125W	28480	0699-2484
R224	0699-2484	9		RESISTOR 50K 1% 0.125W	28480	0699-2484
R225				NOT ASSIGNED		
R226	0699-2484	9		RESISTOR 50K 1% 0.125W	28480	0699-2484
R227	0699-2484	9		RESISTOR 50K 1% 0.125W	28480	0699-2484
R228	0699-2484	9		RESISTOR 50K 1% 0.125W	28480	0699-2484
R229	0699-2484	9		RESISTOR 50K 1% 0.125W	28480	0699-2484
R230	0699-2484	9		RESISTOR 50K 1% 0.125W	28480	0699-2484
R231	0699-2484	9		RESISTOR 50K 1% 0.125W	28480	0699-2484
R232	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R233	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R234	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R235	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R236	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
R237				NOT ASSIGNED		
R238	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R239	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R240	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R241	0699-1318	6		RESISTOR 10K 5% 0.25W CC TC=400/+700	28480	0699-1318
R242	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R243	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R244	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R245	0699-1350	6	2	RESISTOR 17.8 1% 0.125W	28480	0699-1350
R246	0699-1350	6		RESISTOR 17.8 1% 0.125W	28480	0699-1350
R247	0699-1433	6		RESISTOR 562 1% 0.125W	28480	0699-1433
R248	0699-1384	6		RESISTOR 4.64K 1% 0.125W	28480	0699-1384
R249	0699-1364	2		RESISTOR 68.1 1% 0.125W	28480	0699-1364
R250	0699-1364	2		RESISTOR 68.1 1% 0.125W	28480	0699-1364
R251	0699-1364	2		RESISTOR 68.1 1% 0.125W	28480	0699-1364
R252	0699-1318	6		RESISTOR 0.12TKF 1K 1	28480	0699-1318
R253	0699-1437	0		RESISTOR 825 1% 0.125W	28480	0699-1437
R254	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R255	0699-1431	4		RESISTOR 464 1% 0.125W	28480	0699-1431
R256	0699-1065	0	1	RESISTOR 10K 5% 0.25W CC TC=-400/+700	28480	0699-1065
R257	0699-1503	1	4	RESISTOR ZERO OHMS	28480	0699-1503
R258	0699-1503	1		RESISTOR ZERO OHMS	28480	0699-1503
R259	2100-4301	8	1	NOBEL 200K POTENTIOMTER	28480	2100-4301
R260	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R261	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R262	0699-1354	0		RESISTOR 26.1 1% 0.125W	28480	0699-1354
R263	0699-1447	2	2	RESISTOR 261K 1% 0.125W	28480	0699-1447
R264				NOT ASSIGNED		
R265	0699-1419	8		RESISTOR 147 1% 0.125W	28480	0699-1419
R266	0699-1425	6	5	RESISTOR 266 1% 0.125W	28480	0699-1425
R267				NOT ASSIGNED		
R268	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R269	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R270	0699-1354	0		RESISTOR 26.1 1% 0.125W	28480	0699-1354
R271				NOT ASSIGNED		
R272	0699-1383	5		RESISTOR 12TKF 4.22K 1 1206	28480	0699-1383
R273	0699-1434	7		RESISTOR 619 1% 0.125W	28480	0699-1434
R274	0699-1383	5		RESISTOR 12TKF 4.22K 1 1206	28480	0699-1383
R275	0699-1394	8		RESISTOR 14.7K 1% 0.125W	28480	0699-1394
R276	0699-1425	6		RESISTOR 266 1% 0.125W	28480	0699-1425
R277	0699-1354	0		RESISTOR 26.1 1% 0.125W	28480	0699-1354
R278	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R279	0699-1423	4		RESISTOR 215 1% 0.125W	28480	0699-1423
R280	0699-1398	2		RESISTOR 21.5K 1% 0.125W	28480	0699-1398
R281	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
R282	0699-1354	0		RESISTOR 26.1 1% 0.125W	28480	0699-1354
R283	0699-1423	4		RESISTOR 215 1% 0.125W	28480	0699-1423
R284				NOT ASSIGNED		
R285	0699-1443	8	2	RESISTOR 147K 1% 0.125W	28480	0699-1443
R286	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R287	0699-1399	3	2	RESISTOR 23.7K 1% 0.125W	28480	0699-1399
R288	0699-1425	6		RESISTOR 266 1% 0.125W	28480	0699-1425
R289	0699-1429	0	4	RESISTOR 383 1% 0.125W	28480	0699-1429
R290	0699-1425	6		RESISTOR 266 1% 0.125W	28480	0699-1425
R291	0699-1430	3	1	RESISTOR 422 1% 0.125W	28480	0699-1430
R292	0699-1354	0		RESISTOR 26.1 1% 0.125W	28480	0699-1354
R293	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R294	0699-1437	0		RESISTOR 825 1% 0.125W	28480	0699-1437
R295	0699-1380	2		RESISTOR 3.16K 1% 0.125W	28480	0699-1380
R296	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R297	0699-1438	1	2	RESISTOR 909 1% 0.125W TKF TC=0+-100	28480	0699-1438
R298	0699-1429	0		RESISTOR 383 1% 0.125W	28480	0699-1429
R299	0699-1378	8		RESISTOR 2.61K 1% 0.125W	28480	0699-1378
R300	0699-1434	7		RESISTOR 619 1% 0.125W	28480	0699-1434
R301	0699-1503	1		RESISTOR ZERO OHMS	28480	0699-1503
R302	0699-1354	0		RESISTOR 26.1 1% 0.125W	28480	0699-1354
R303-304				NOT ASSIGNED		
R305	0699-1438	1		RESISTOR 909 1% 0.125W TKF TC=0+-100	28480	0699-1438
R306	0699-1446	1	1	RESISTOR 237K 1% 0.125W TKF TC=0+-100	28480	0699-1446
R307	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R308	0699-1318	6		RESISTOR 0.12TKF 1K 1	28480	0699-1318
R309	0699-1354	0		RESISTOR 26.1 1% 0.125W	28480	0699-1354
R310	0699-1378	8		RESISTOR 2.61K 1% 0.125W	28480	0699-1378
R311	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R312	0699-1354	0		RESISTOR 26.1 1% 0.125W	28480	0699-1354
R313	0699-1380	2		RESISTOR 3.16K 1% 0.125W	28480	0699-1380
R314	0699-1354	0		RESISTOR 26.1 1% 0.125W	28480	0699-1354
R315	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R316	0699-1447	2		RESISTOR 261K 1% 0.125W	28480	0699-1447
R317	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R318	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R319	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R320	0699-1394	8		RESISTOR 14.7K 1% 0.125W	28480	0699-1394
R321	0699-1445	0		RESISTOR 215K 1% 0.125W	28480	0699-1445
R322	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R323	0699-1425	6		RESISTOR 266 1% 0.125W	28480	0699-1425
R324	0699-1383	5		RESISTOR 12TKF 4.22K 1 1206	28480	0699-1383
R325	0699-1354	0		RESISTOR 26.1 1% 0.125W	28480	0699-1354
R326	0699-1405	2	2	RESISTOR 38.3K 1% 0.125W	28480	0699-1405

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
R327	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R328	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R329	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R330	0699-1785	1	2	RESISTOR 13.3K 1% 0.125W	28480	0699-1785
R331	0699-1399	3		RESISTOR 23.7K 1% 0.125W	28480	0699-1399
R332	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R333	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R334	0699-1426	7	2	RESISTOR 287 1% 0.125W	28480	0699-1426
R335	0699-1419	8		RESISTOR 147 1% 0.125W	28480	0699-1419
R336	0699-1354	0		RESISTOR 26.1 1% 0.125W	28480	0699-1354
R337	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R338	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R339	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R340	0699-1395	9	3	RESISTOR 16.2K 1% 0.125W TKF TC=0+-100	28480	0699-1395
R341	0699-1394	8		RESISTOR 14.7K 1% 0.125W	28480	0699-1394
R342	0699-1398	2		RESISTOR 21.5K 1% 0.125W	28480	0699-1398
R343	0699-1322	2	2	RESISTOR 68.1k 1% 0.125W	28480	0699-1322
R344	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R345	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R346	0699-1322	2		RESISTOR 68.1k 1% 0.125W	28480	0699-1322
R347	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R348	0699-1318	6		RESISTOR 0.12TKF 1K 1	28480	0699-1318
R349	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R350	0699-1318	6		RESISTOR 0.12TKF 1K 1	28480	0699-1318
R351	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R352	0699-1785	1		RESISTOR 13.3K 1% 0.125W	28480	0699-1785
R353	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R354				NOT ASSIGNED		
R355	0699-1383	5		RESISTOR 12TKF 4.22K 1 1206	28480	0699-1383
R356	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R357	0699-1426	7		RESISTOR 287 1% 0.125W	28480	0699-1426
R358	0699-1318	6		RESISTOR 0.12TKF 1K 1	28480	0699-1318
R359	0699-1318	6		RESISTOR 0.12TKF 1K 1	28480	0699-1318
R360	0699-1423	4		RESISTOR 215 1% 0.125W	28480	0699-1423
R361	0699-1380	2		RESISTOR 3.16K 1% 0.125W	28480	0699-1380
R362	0699-1318	6		RESISTOR 0.12TKF 1K 1	28480	0699-1318
R363	0699-1360	8		RESISTOR 0.125TKF 46.4 1 1206	28480	0699-1360
R364	0699-1380	2		RESISTOR 3.16K 1% 0.125W	28480	0699-1380
R365	0699-1432	5		RESISTOR 511 1% 0.125W	28480	0699-1432
R366	0699-1432	5		RESISTOR 511 1% 0.125W	28480	0699-1432
R367	0699-1384	6		RESISTOR 4.64K 1% 0.125W	28480	0699-1384
R368	0699-1364	2		RESISTOR 68.1 1% 0.125W	28480	0699-1364
R369	0699-1364	2		RESISTOR 68.1 1% 0.125W	28480	0699-1364
R370	0699-1384	6		RESISTOR 4.64K 1% 0.125W	28480	0699-1384

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
R371	0699-1432	5		RESISTOR 511 1% 0.125W	28480	0699-1432
R372	0699-1437	0		RESISTOR 825 1% 0.125W	28480	0699-1437
R373	0699-1423	4		RESISTOR 215 1% 0.125W	28480	0699-1423
R374	0699-1394	8		RESISTOR 14.7K 1% 0.125W	28480	0699-1394
R375	0699-1394	8		RESISTOR 14.7K 1% 0.125W	28480	0699-1394
R376	0699-1394	8		RESISTOR 14.7K 1% 0.125W	28480	0699-1394
R377	0699-1394	8		RESISTOR 14.7K 1% 0.125W	28480	0699-1394
R378	0699-1378	8		RESISTOR 2.61K 1% 0.125W	28480	0699-1378
R379	0699-1318	6		RESISTOR 0.12TKF 1K 1	28480	0699-1318
R380	0699-1380	2		RESISTOR 3.16K 1% 0.125W	28480	0699-1380
R381	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R382	0699-1463	2		RESISTOR 1.5M 5% 0.125W TKF TC=0+-200	28480	0699-1463
R383	0699-1405	2		RESISTOR 38.3K 1% 0.125W	28480	0699-1405
R384	0699-1394	8		RESISTOR 14.7K 1% 0.125W	28480	0699-1394
R385				NOT ASSIGNED		
R386	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R387	0699-1443	8		RESISTOR 147K 1% 0.125W	28480	0699-1443
R388	0699-1360	8		RESISTOR 0.125TKF 46.4 1 1206	28480	0699-1360
R389	0699-1318	6		RESISTOR 0.12TKF 1K 1	28480	0699-1318
R390-393				NOT ASSIGNED		
R394	0699-1423	4		RESISTOR 215 1% 0.125W	28480	0699-1423
R395	0699-1423	4		RESISTOR 215 1% 0.125W	28480	0699-1423
R396	0699-1423	4		RESISTOR 215 1% 0.125W	28480	0699-1423
R397	0699-1423	4		RESISTOR 215 1% 0.125W	28480	0699-1423
R398	0699-1318	6		RESISTOR 0.12TKF 1K 1	28480	0699-1318
R399				NOT ASSIGNED		
R400	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R401	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R402	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R403	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R404	0699-1416	5	4	RESISTOR 110 1% 0.125W	28480	0699-1416
R405	0699-1408	5	3	RESISTOR 51.1K 1% 0.125W	28480	0699-1408
R406	0699-1387	9	1	RESISTOR 6.81K 1% 0.125W	28480	0699-1387
R407	0699-1363	1	1	RESISTOR 61.9 1% 0.125W TKF TC=0+-100	28480	0699-1363
R408	0699-1431	4		RESISTOR 464 1% 0.125W	28480	0699-1431
R409	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R410	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R411	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R412	0699-1408	5		RESISTOR 51.1K 1% 0.125W	28480	0699-1408
R413	0699-1378	8		RESISTOR 2.61K 1% 0.125W	28480	0699-1378
R414	0699-1378	8		RESISTOR 2.61K 1% 0.125W	28480	0699-1378
R415	0699-1378	8		RESISTOR 2.61K 1% 0.125W	28480	0699-1378
R416	0699-1378	8		RESISTOR 2.61K 1% 0.125W	28480	0699-1378
R417	0699-1378	8		RESISTOR 2.61K 1% 0.125W	28480	0699-1378

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
R418	0699-1384	6		RESISTOR 4.64K 1% 0.125W	28480	0699-1384
R419	0699-1354	0		RESISTOR 26.1 1% 0.125W	28480	0699-1354
R420	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R421	0699-1433	6		RESISTOR 562 1% 0.125W	28480	0699-1433
R422	0699-1433	6		RESISTOR 562 1% 0.125W	28480	0699-1433
R423	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R424	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R425	0699-1360	8		RESISTOR 0.125TKF 46.4 1 1206	28480	0699-1360
R426	0699-1360	8		RESISTOR 0.125TKF 46.4 1 1206	28480	0699-1360
R427	0699-1463	2		RESISTOR 1.5M 5% 0.125W TKF TC=0+-200	28480	0699-1463
R428	0699-1463	2		RESISTOR 1.5M 5% 0.125W TKF TC=0+-200	28480	0699-1463
R429	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R430	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R431	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R432	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R433	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R434	0699-1378	8		RESISTOR 2.61K 1% 0.125W	28480	0699-1378
R435	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R436	0699-1429	0		RESISTOR 383 1% 0.125W	28480	0699-1429
R437	0699-1352	8		RESISTOR 21.5 1% 0.125W	28480	0699-1352
R438	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R439	0699-1378	8		RESISTOR 2.61K 1% 0.125W	28480	0699-1378
R440	0699-1378	8		RESISTOR 2.61K 1% 0.125W	28480	0699-1378
R441	0699-1398	2		RESISTOR 21.5K 1% 0.125W	28480	0699-1398
R442				NOT ASSIGNED		
R443	0699-1503	1		RESISTOR ZERO OHMS	28480	0699-1503
R444	0699-1344	8		RESISTOR 10 1% 0.125W	28480	0699-1344
R445	0699-1376	6	3	RESISTOR 0.12TKF 2.1K 1 1206	28480	0699-1376
R446	0699-1344	8		RESISTOR 10 1% 0.125W	28480	0699-1344
R447	0699-1376	6		RESISTOR 0.12TKF 2.1K 1 1206	28480	0699-1376
R448	0699-1330	2		RESISTOR 100K 1% 0.125W	28480	0699-1330
R449-450				NOT ASSIGNED		
R451	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R452	0699-1344	8		RESISTOR 10 1% 0.125W	28480	0699-1344
R453	0699-1344	8		RESISTOR 10 1% 0.125W	28480	0699-1344
R454	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R455	0699-1400	7		RESISTOR 26.1K 1% 0.125W	28480	0699-1400
R456	0699-1401	8	2	RESISTOR 28.7K 1% 0.125W TKF TC=0+-100	28480	0699-1401
R457	0699-1395	9		RESISTOR 16.2K 1% 0.125W TKF TC=0+-100	28480	0699-1395
R458	0699-1401	8		RESISTOR 28.7K 1% 0.125W TKF TC=0+-100	28480	0699-1401
R459	0699-1395	9		RESISTOR 16.2K 1% 0.125W TKF TC=0+-100	28480	0699-1395
R460	0699-1452	9		RESISTOR 422K 1% 0.125W TKF TC=0+-100	28480	0699-1452
R461	0699-1333	5	2	RESISTOR 287K 1% 0.125W	28480	0699-1333
R462	0699-1333	5		RESISTOR 287K 1% 0.125W	28480	0699-1333

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
R463	0699-1452	9		RESISTOR 422K 1% 0.125W TKF TC=0+-100	28480	0699-1452
R464	0699-1429	0		RESISTOR 383 1% 0.125W	28480	0699-1429
R465	0699-1432	5		RESISTOR 511 1% 0.125W	28480	0699-1432
R466	0699-1408	5		RESISTOR 51.1K 1% 0.125W	28480	0699-1408
R467-468				NOT ASSIGNED		
R469	0699-1416	5		RESISTOR 110 1% 0.125W	28480	0699-1416
R470	0699-1416	5		RESISTOR 110 1% 0.125W	28480	0699-1416
R471	0699-1418	7	2	RESISTOR 133 1% 0.125W	28480	0699-1418
R472	0699-1418	7		RESISTOR 133 1% 0.125W	28480	0699-1418
R473	0699-1416	5		RESISTOR 110 1% 0.125W	28480	0699-1416
R474	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R475-500				NOT ASSIGNED		
R501	0699-1352	8		RESISTOR 21.5 1% 0.125W	28480	0699-1352
R502	0699-3086	9		RESISTOR 800K 0.1%	28480	0699-3086
R503	0699-2822	9		RESISTOR 200K 0.1% 0.125W	28480	0699-2822
R504	0699-1328	8		RESISTOR 0.12TKF 4.7M 10 1206	28480	0699-1328
R505	0699-2922	0	1	RESISTOR 4.02K 1%	28480	0699-2922
R506	0699-1318	6		RESISTOR 0.12TKF 1K 1	28480	0699-1318
R507	0699-1460	9	1	RESISTOR 825K 1% 0.125W	28480	0699-1460
R508	0699-1332	4	1	RESISTOR 196K 1%	28480	0699-1332
R509				NOT ASSIGNED		
R510	0699-1380	2		RESISTOR 3.16K 1% 0.125W	28480	0699-1380
R511	0699-1362	0		RESISTOR 56.2 1% 0.125W	28480	0699-1362
R512	0699-1384	6		RESISTOR 4.64K 1% 0.125W	28480	0699-1384
R513	0699-1376	6		RESISTOR 0.12TKF 2.1K 1 1206	28480	0699-1376
R514	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R515	0699-1434	7		RESISTOR 619 1% 0.125W	28480	0699-1434
R516	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R517	0699-1371	1		RESISTOR 1.33K 1% 0.125W TKF TC=0+-100	28480	0699-1371
R518	0699-1383	5		RESISTOR 12TKF 4.22K 1 1206	28480	0699-1383
R519	0699-1433	6		RESISTOR 562 1% 0.125W	28480	0699-1433
R520	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R521	0699-1383	5		RESISTOR 12TKF 4.22K 1 1206	28480	0699-1383
R522	0699-1383	5		RESISTOR 12TKF 4.22K 1 1206	28480	0699-1383
R523	0699-1383	5		RESISTOR 12TKF 4.22K 1 1206	28480	0699-1383
R524	0699-1383	5		RESISTOR 12TKF 4.22K 1 1206	28480	0699-1383
R525	0699-1383	5		RESISTOR 12TKF 4.22K 1 1206	28480	0699-1383
R526	0699-1391	5		RESISTOR 10K 1% 0.125W	28480	0699-1391
R527	0699-1422	3	1	RESISTOR 196 1% 0.125W	28480	0699-1422
R528	0699-1434	7		RESISTOR 619 1% 0.125W	28480	0699-1434
R529	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415
R530	0699-1385	7	2	RESISTOR 5.11K 1% 0.125W	28480	0699-1385
R531	0699-1385	7		RESISTOR 5.11K 1% 0.125W	28480	0699-1385
R532	0699-1415	4		RESISTOR 100 1% 0.125W	28480	0699-1415

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
R533	0699-1383	5		RESISTOR 12TKF 4.22K 1 1206	28480	0699-1383
R534	0699-1383	5		RESISTOR 12TKF 4.22K 1 1206	28480	0699-1383
RP1				NOT ASSIGNED		
RP2	1810-1065	9	4	NETWORK-RESISTOR 1.0K X 15	28480	1810-1065
RP3	1810-1065	9		NETWORK-RESISTOR 1.0K X 15	28480	1810-1065
RP4-5				NOT ASSIGNED		
RP6	1810-1064	8	1	NETWORK-RESISTOR SMD 10.0K X 15	28480	1810-1064
RP7	1810-1065	9		NETWORK-RESISTOR 1.0K X 15	28480	1810-1065
RP8	1810-1065	9		NETWORK-RESISTOR 1.0K X 15	28480	1810-1065
RP9-12				NOT ASSIGNED		
RP13	1810-1116	1	1	NETWORK-RESISTOR 2.2K X 15	28480	1810-1116
SW1	3101-2719	1	1	SWITCH-SL SPDT SUBMIN 0.02A 20VAC/DC PC	28480	3101-2719
U1	1826-2330	6	3	OP AMP LT1027S8	28480	1826-2330
U2	1820-7067	4	2	PA300 PREAMP	28480	1820-7067
U3	1826-2330	6		OP AMP LT1027S8	28480	1826-2330
U4	1820-7067	4		PA300 PREAMP	28480	1820-7067
U5-6				NOT ASSIGNED		
U7	1826-2201	0	3	IC 79L12A SO-8	28480	1826-2201
U8	1826-1738	6	1	IC V RGLTR-FXD-NEG -4.8/-5.2V 3-P-SOIC	04713	MC79M05CDT
U9	1826-2195	1	1	AD9300 PLCC PACKAGE	28480	1826-2195
U10	1826-1609	0	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	17856	DG211DY
U11	1826-2021	2	1	IC 1881	28480	1826-2021
U12	1826-2203	2	1	IC AD96687P PLCC	28480	1826-2203
U13	1826-1528	2	2	IC COMPARATOR LP QUAD 14-PLSTC-SOIC PKG	27014	LM339M
U14	1826-1528	2		IC COMPARATOR LP QUAD 14-PLSTC-SOIC PKG	27014	LM339M
U15	1858-0135	2	1	TRANSISTOR ARY-16P-DIP	28480	1858-0135
U16	1820-5605	2	1	IC GATE ECL/10KH NOR QUAD 2-INP	04713	MC10H102FN
U17	1826-2202	1	5	IC 78L12A SO-8	28480	1826-2202
U18	1826-2202	1		IC 78L12A SO-8	28480	1826-2202
U19	1826-2202	1		IC 78L12A SO-8	28480	1826-2202
U20	1826-1402	1	1	IC V RGLTR-FXD-POS 4.8/5.2V 8-P-SOIC PKG	04713	MC78L05ACD
U21	1826-2201	0		IC 79L12A SO-8	28480	1826-2201
U22	1826-2201	0		IC 79L12A SO-8	28480	1826-2201
U23	1826-2230	5	4	OP-400GS	28480	1826-2230
U24	1SJ2-0102	1	1	DAC 16-CH	28480	1SJ2-0102
U25	1826-2230	5		OP-400GS	28480	1826-2230
U26	1826-2230	5		OP-400GS	28480	1826-2230
U27	1826-2230	5		OP-400GS	28480	1826-2230
U28	1826-2214	5	1	AD586KR	28480	1826-2214
U29	1826-2330	6		OP AMP LT1027S8	28480	1826-2230
U30	1820-4243	2	2	IC GATE TTL ALS AND QUAD 2-INP	01295	SN74ALS08D
U31	1820-4998	4	1	IC GATE TTL F OR QUAD 2-INP	18324	1820-4998
U32	1820-4258	9	2	IC DCDR TTL ALS 2-TO-4-LINE DUAL	01295	SN74ALS139D

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
U33	1820-4243	2		IC GATE TTL ALS AND QUAD 2-INP	01295	SN74ALS08D
U34	1820-4258	9		IC DCDR TTL ALS 2-TO-4-LINE DUAL	01295	SN74ALS139D
U35	1820-4377	3	1	IC GATE TTL F NAND QUAD 2-INP	18324	74F00D
U36	1820-5551	7	2	IC DRVR CMOS/74HC LINE OCTL	01295	1820-5551
U37	1820-4267	0	1	IC SHF-RGTR TTL LS MULTI-MODE	01295	SN74LS194AD
U38	1820-5551	7		IC DRVR CMOS/74HC LINE OCTL	01295	1820-5551
U39	1826-1685	2	1	IC V RGLTR-SWG 8-P-SOIC PKG	01295	1826-1685
U40				NOT ASSIGNED		
U41	1820-5107	9	1	IC-16-BIT MPU W/32-BIT DATA 10MHZ PLCC	04713	MC68000FN10
U42	54600-80005	7	1	PROGRAMMED ROM	28480	54600-80005
U43	1826-1810	5	2	IC OP AMP LOW-BIAS-H-IMPD 8-PLSTC-SOIC	01295	TL071D
U44	1826-1783	1	2	IC V RGLTR-FXD-NEG 4.8/5.2V 8-P-SOIC PKG	04713	MC79L05ACD
U45-46				NOT ASSIGNED		
U47	1818-4822	8	1	NONVOLATILE STATIC RAM	28480	1818-4822
U48	1818-4272	2	2	IC CMOS 65536 (64K) STAT RAM 100-NS 3-S1	S0167	MB8464-10LFP
U49	1818-4272	2		IC CMOS 65536 (64K) STAT RAM 100-NS 3-S1	S0167	MB8464-10LFP
U50	1820-4788	0	3	IC DRVR TTL ALS BUS OCTL	01295	1820-4788
U51	1820-4790	4	1	IC TRANSCEIVER TTL ALS BUS OCTL	01295	SN74ALS245ADW
U52	1820-4788	0		IC DRVR TTL ALS BUS OCTL	01295	1820-4788
U53	1820-4788	0		IC DRVR TTL ALS BUS OCTL	01295	1820-4788
U54	1SL7-0001	1	1	ASPEN IC 84 PLCC PACKAGE	28480	1SL7-0001
U55	1818-4218	6	1	IC CMOS 262144 (256K) STAT RAM 100 NS	S4013	HM62256-LFP 10
U56	1820-8208	7	1	IC-FOXY TRANSLATOR	28480	1820-8208
U57				NOT ASSIGNED		
U58	1820-4279	4	5	IC FF TTL ALS D-TYPE POS-EDGE-TRIG CLEAR	01295	SN74ALS574ADW
U59	1820-4279	4		IC FF TTL ALS D-TYPE POS-EDGE-TRIG CLEAR	01295	SN74ALS574ADW
U60	1820-4279	4		IC FF TTL ALS D-TYPE POS-EDGE-TRIG CLEAR	01295	SN74ALS574ADW
U61	1820-5026	1	1	IC INV TTL HEX	01295	SN7406D
U62	1820-5798	4	1	IC 74HC393D	28480	1820-5798
U63	1818-4669	1	1	IC TMS44C251	28480	1818-4669
U64				NOT ASSIGNED		
U65	1813-0119	8	1	CLOCK-OSCILLATOR-XTAL 40-MHZ 0.01% TTL	04713	K1100AM-40MHZ
U66	1SJ9-0001	3	2	TRACK AND HOLD CUSTOM IC	28480	1SJ9-0001
U67	1SJ9-0001	3		TRACK AND HOLD CUSTOM IC	28480	1SJ9-0001
U68	1826-0527	9	1	IC V RGLTR-ADJ-NEG 1.2/37V TO-220 PKG	27014	LM337T
U69				NOT ASSIGNED		
U70	1826-1072	1	3	IC OP AMP GP QUAD 14-PLSTC-SOIC PKG	18324	LM324D
U71	1826-2323	7	1	3 TERM MED CURR VOLT REG	28480	1826-2323
U72	1826-1783	1		IC V RGLTR-FXD-NEG 4.8/5.2V 8-P-SOIC PKG	04713	MC79L05ACD
U73	1826-2322	6	2	MC10319DW A/D CONVERTER	28480	1826-2322
U74	1820-4279	4		IC FF TTL ALS D-TYPE POS-EDGE-TRIG CLEAR	01295	SN74ALS574ADW
U75	1858-0146	2	2	CA3246M	28480	1858-0146
U76	1858-0146	2		CA3246M	28480	1858-0146
U77	1826-2322	6		MC10319DW A/D CONVERTER	28480	1826-2322

Table 1. System Board Replaceable Parts (continued)

Ref Des.	HP Part Number	CD	Qty	Description	Mfr Code	Mfr Part Number
U78	1820-4279	4		IC FF TTL ALS D-TYPE POS-EDGE-TRIG CLEAR NOT ASSIGNED	01295	SN74ALS574ADW
U79						
U80	1826-1072	1		IC OP AMP GP QUAD 14-PLSTC-SOIC PKG	18324	LM324D
U81	1826-2202	1		IC 78L12A SO-8	28480	1826-2202
U82	1826-1072	1		IC OP AMP GP QUAD 14-PLSTC-SOIC PKG	18324	LM324D
U83	1826-1737	5	1	IC V RGLTR-FXD-NEG -11.5/-12.5V 3-DIP-P	04713	MC79M12CDT
U84	1826-2202	1		IC 78L12A SO-8	28480	1826-2202
U85	1826-1893	4	1	IC 556	28480	1826-1893
U86	1820-5607	4	2	IC RCVR ECL/10KH LINE TPL NOT ASSIGNED	04713	MC10H116FN
U87-94						
U95	1820-5607	4		IC RCVR ECL/10KH LINE TPL NOT ASSIGNED	04713	MC10H116FN
U96-500						
U501	1826-1810	5		IC OP AMP LOW-BIAS-H-IMPD 8-PLSTC-SOIC	01295	TL071D
XU1-41				NOT ASSIGNED		
XU42	1200-0654	7	1	SOCKET-IC 40-CONT DIP DIP-SLDR	28480	1200-0654
Y1	0410-2229	0	1	HC80 MIN XTAL-80MHZ	28480	0410-2229
Y2	0410-2322	4	1	CRYSTAL-QUARTZ	28480	0410-2322

Table 2. System Board Component Locator

Ref Des.	Grid Loc.								
C1	E-2	C72	A-7	C130	J-9	C187	F-5	C248	E-3
C2	E-1	C73	A-8	C131	H-9	C188	G-5	C249	D-3
C3	E-1	C74	A-8	C132	E-2	C189	F-4	C250	C-9
C4	E-2	C75	A-9	C134	D-2	C190	F-6	C251	D-10
C5	E-4	C76	E-4	C135	B-5	C192	E-6	C252	D-10
C6	E-3	C77	D-4	C136	B-6	C193	F-7	C253	D-10
C7	C-4	C80	C-9	C137	F-10	C194	C-5	C254	K-9
C8	E-3	C81	B-5	C138	D-10	C195	D-8	C255	C-7
C9	E-2	C84	A-4	C139	G-10	C196	E-6	C256	D-8
C10	E-2	C85	B-4	C140	J-6	C197	B-7	C257	B-8
C11	E-2	C86	A-5	C141	J-6	C198	B-7	C258	B-8
C12	F-4	C87	C-10	C142	L-5	C199	A-7	C260	C-8
C13	E-4	C88	D-10	C143	L-6	C200	B-7	C261	B-7
C14	E-4	C89	C-10	C144	L-7	C201	C-8	C262	C-8
C15	E-4	C90	B-9	C145	K-7	C203	C-7	C263	D-9
C16	E-4	C91	C-10	C146	J-7	C204	B-7	C264	E-9
C17	E-3	C93	B-9	C147	J-7	C205	C-9	C265	E-9
C18	D-2	C94	B-9	C148	H-8	C206	L-5	C266	D-9
C19	C-1	C95	B-10	C149	K-4	C207	E-7	C267	D-9
C20	C-2	C96	B-10	C150	E-8	C208	F-6	C269	D-9
C21	C-2	C97	C-9	C151	H-9	C209	G-6	C270	K-9
C22	C-4	C98	B-10	C152	F-7	C210	E-10	C271	G-5
C23	D-4	C99	A-10	C153	C-5	C211	D-10	C272	F-6
C24	F-4	C100	B-10	C154	C-5	C212	D-8	C273	D-5
C25	C-3	C101	B-10	C155	D-5	C213	D-7	C274	D-5
C26	D-3	C102	B-9	C156	D-5	C214	D-8	C275	D-5
C27	D-2	C103	B-5	C157	G-4	C220	E-7	C276	F-5
C28	D-2	C104	C-10	C158	C-6	C221	E-8	C277	F-5
C29	D-2	C105	C-10	C159	E-5	C222	F-9	C278	F-5
C30	D-4	C106	C-9	C160	E-5	C223	E-8	C279	C-8
C31	D-4	C107	C-10	C161	F-5	C224	F-8	C280	E-5
C32	D-4	C108	C-10	C162	F-5	C225	G-8	C281	E-5
C33	D-4	C109	D-10	C163	C-6	C226	G-8	C282	K-8
C34	C-3	C110	B-9	C164	E-6	C227	F-9	C283	G-6
C37	K-9	C111	E-3	C165	E-6	C228	C-9	C284	G-6
C45	K-9	C112	D-3	C166	F-6	C229	G-10	C285	K-8
C52	A-5	C113	K-9	C167	C-6	C230	D-6	C286	C-7
C54	A-4	C114	K-10	C168	D-6	C231	F-5	C287	G-6
C55	C-4	C115	H-5	C169	C-6	C232	G-10	C288	G-6
C56	C-5	C116	H-5	C171	D-6	C233	D-8	C289	C-7
C57	C-4	C117	H-5	C172	C-7	C234	J-8	C290	B-7
C58	C-5	C118	H-6	C173	F-6	C235	E-3	C291	E-5
C59	C-6	C119	G-6	C174	E-8	C236	D-3	C292	G-6
C60	B-6	C120	J-6	C175	C-6	C238	J-7	C293	F-5
C61	C-6	C121	J-9	C176	D-6	C239	B-6	C294	F-5
C62	C-6	C122	J-5	C177	D-7	C240	E-5	C295	E-7
C63	B-6	C123	J-5	C179	C-6	C241	D-5	C296	F-6
C64	B-5	C124	L-4	C181	C-7	C242	F-5	C297	J-6
C65	A-5	C125	J-7	C182	E-6	C243	E-5	C298	G-5
C66	B-5	C126	L-9	C183	E-6	C244	A-8	C299	B-7
C69	B-5	C127	L-8	C184	C-7	C245	A-8	C300	C-7
C70	C-5	C128	K-8	C185	G-5	C246	B-4	C303	D-6
C71	B-6	C129	J-8	C186	B-7	C247	C-7	C304	F-6

Table 2 System Board Component Locator (continued)

Ref Des.	Grid Loc.								
C305	H-8	CR6	D-3	E32	G-8	Q39	E-8	R23	E-2
C306	G-8	CR7	D-2	E33	G-9	Q42	C-9	R24	E-2
C307	H-7	CR8	D-3	E34	E-7	Q43	C-8	R25	E-3
C308	G-8	CR25	A-10	E35	E-8	Q44	C-8	R26	C-4
C309	E-9	CR26	L-5	E36	E-9	Q45	C-8	R27	E-3
C310	F-8	CR27	D-6	E37	E-9	Q46	C-8	R28	E-3
C311	E-8	CR28	D-6	E38	F-7	Q47	C-9	R29	E-2
C321	F-8	CR29	E-6	E501	A-1	Q48	C-8	R30	E-4
C313	E-7	CR30	L-9	E502	A-3	Q49	C-8	R31	E-4
C314	A-6	CR31	F-6	E503	A-3	Q50	C-8	R32	F-4
C317	E-9	CR32	D-8	J5	E-10	Q51	C-8	R33	B-4
C318	E-9	CR33	B-8	J6	L-10	Q52	C-8	R34	E-4
C319	E-9	CR34	K-4	J7	J-10	Q53	C-8	R35	E-4
C320	E-10	CR35	B-10	J8	L-4	Q54	C-9	R36	E-4
C321	E-9	CR36	C-8	J9	C-10	Q55	C-8	R37	E-4
C322	F-9	CR37	D-7	K1	E-1	Q56	B-8	E38	E-4
C323	F-9	CR38	E-2	K2	E-3	Q57	B-8	R39	E-4
C324	F-9	CR39	D-2	K3	D-1	Q58	B-8	R40	C-2
C325	G-8	CR40	C-8	K4	C-3	Q59	B-8	R41	C-1
C326	G-8	CR41	D-9	L1	A-9	Q60	B-8	R42	C-1
C327	G-8	CR42	E-6	L2	B-9	Q61	D-8	R43	D-1
C328	F-8	CR501	A-1	L3	E-10	Q62	B-8	R44	C-3
C329	E-8	CR502	A-1	L4	F-10	Q64	C-9	R45	C-2
C330	E-8	CR503	A-3	L5	G-10	Q65	C-9	R46	C-4
C331	E-8	CR504	A-2	L6	D-9	Q66	C-9	R47	C-5
C332	H-8	CR509	B-3	L7	D-9	Q501	A-2	R48	D-3
C333	G-8	E1	E-4	Q1	E-2	Q502	A-2	R49	C-4
C334	H-7	E2	E-4	Q2	E-2	Q503	A-3	R50	D-3
C501	B-1	E3	D-4	Q3	E-2	Q504	B-2	R51	C-4
C502	A-2	E4	D-4	Q4	E-3	Q505	B-3	R52	C-4
C503	B-1	E5	J-7	Q5	E-3	Q506	B-3	R53	D-3
C504	A-1	E6	C-6	Q6	E-4	R1	E-2	R54	D-3
C505	A-2	E7	B-6	Q7	E-5	R2	E-1	R55	D-3
C506	A-2	E8	B-6	Q8	D-2	R3	E-1	R56	D-1
C507	A-3	E9	F-4	Q9	D-2	R4	E-1	R57	D-2
C508	A-2	E10	F-4	Q10	D-3	R5	E-1	R58	E-6
C509	A-1	E11	C-4	Q11	D-3	R6	E-2	R59	D-2
C510	A-2	E12	C-4	Q12	D-2	R7	F-6	R60	E-1
C511	B-2	E17	B-7	Q13	D-4	R8	D-3	R61	C-2
C512	B-3	E18	C-8	Q14	D-5	R9	E-2	R62	D-2
C513	A-2	E19	C-8	Q25	B-6	R10	D-4	R63	D-2
C514	B-1	E20	D-8	Q26	C-6	R11	E-4	R64	D-3
C515	A-1	E21	E-8	Q27	C-6	R12	E-3	R65	D-1
C516	A-3	E22	D-9	Q28	B-7	R13	E-3	R66	D-2
C600	F-7	E23	C-5	Q29	B-7	R14	E-4	R67	D-3
C601	D-6	E24	D-5	Q30	B-5	R15	E-4	R68	D-3
C602	F-6	E25	F-5	Q31	A-10	R16	E-3	R69	D-3
C603	C-4	E26	E-5	Q32	F-5	R17	E-3	R70	C-4
CR1	E-3	E27	C-7	Q33	D-5	R18	E-3	R71	D-5
CR2	E-2	E28	E-7	Q34	F-6	R19	E-2	R72	B-4
CR3	E-3	E29	E-6	Q35	G-5	R20	D-4	R73	D-4
CR4	E-3	E30	C-6	Q36	F-6	R21	E-2	R74	D-4
CR5	C-3	E31	H-7	Q38	E-8	R22	E-2	R75	D-4

Table 2 System Board Component Locator (continued)

Ref Des.	Grid Loc.								
R76	D-4	R194	C-6	R250	E-8	R307	E-5	R359	C-8
R77	D-4	R195	B-5	R251	E-8	R308	C-5	R360	B-8
R78	D-5	R196	B-5	R252	K-9	R309	F-5	R361	B-8
R90	D-6	R197	B-5	R253	K-9	R310	G-6	R362	B-8
R122	C-6	R198	A-5	R254	L-4	R311	C-6	R363	B-7
R142	B-4	R201	B-5	R255	A-6	R312	E-6	R364	B-8
R144	A-4	R202	B-4	R256	L-4	R313	E-6	R365	B-8
R145	D-5	R203	A-5	R257	L-5	R314	D-5	R366	B-8
R146	E-5	R204	D-10	R258	L-5	R315	F-6	R367	B-8
R147	C-5	R205	D-10	R259	L-4	R316	B-7	R368	E-8
R148	B-5	R206	D-10	R260	E-6	R317	E-6	R369	E-8
R149	B-5	R207	D-10	R261	F-6	R318	B-7	R370	B-8
R150	C-5	R208	A-9	R262	E-6	R319	G-6	R371	B-8
R151	C-6	R210	A-9	R263	C-7	R320	D-6	R372	B-8
R152	C-6	R211	B-9	R265	G-4	R321	D-8	R373	B-8
R153	C-5	R212	B-9	R266	G-4	R322	E-5	R374	B-7
R154	C-7	R213	B-9	R268	D-6	R323	G-6	R375	B-7
R155	C-7	R214	B-9	R269	D-6	R324	E-6	R376	B-8
R156	C-6	R215	C-10	R270	E-5	R325	D-5	R377	B-8
R157	C-9	R216	C-10	R272	C-6	R326	C-9	R378	C-9
R158	C-6	R217	D-6	R273	F-6	R327	G-6	R379	B-4
R159	B-5	R218	D-6	R274	E-6	R328	E-5	R380	E-6
R160	C-6	R219	A-10	R275	F-6	R329	D-6	R381	E-6
R161	B-6	R220	B-10	R276	G-6	R330	B-7	R382	D-8
R162	B-6	R221	A-10	R277	E-6	R331	B-7	R383	D-8
R163	B-6	R222	A-10	R278	K-7	R332	B-7	R384	D-7
R164	B-5	R223	A-9	R279	D-6	R333	B-7	R386	D-8
R165	A-5	R224	A-9	R280	F-5	R334	B-7	R387	C-9
R166	A-5	R226	A-9	R281	J-6	R335	D-9	R388	B-7
R167	A-6	R227	B-9	R282	F-6	R336	E-6	R389	B-8
R168	A-6	R228	B-9	R283	F-6	R337	G-9	R394	F-7
R169	A-5	R229	A-10	R285	F-5	R338	J-6	R395	E-7
R170	A-6	R230	B-10	R286	C-7	R339	B-6	R396	E-7
R171	A-6	R231	A-9	R287	G-5	R340	A-7	R397	E-7
R172	A-6	R232	C-10	R288	G-6	R341	B-7	R398	E-7
R173	A-5	R233	D-10	R289	F-5	R342	A-7	R400	J-8
R174	A-5	R234	C-10	R290	F-4	R343	A-7	R401	J-6
R175	B-6	R235	C-10	R291	G-4	R344	B-7	R402	J-6
R176	A-6	R236	C-10	R292	F-5	R345	B-7	R403	J-8
R177	A-7	R238	D-10	R293	C-7	R346	C-7	R404	E-9
R178	A-5	R239	C-10	R294	E-5	R347	C-8	R405	E-9
R179	C-4	R240	C-9	R295	D-6	R348	C-9	R406	E-9
R181	E-4	R241	A-10	R296	F-6	R349	C-8	R407	D-8
R182	D-4	R242	C-10	R297	F-6	R350	C-8	R408	F-5
R183	A-7	R243	C-9	R298	F-5	R351	C-8	R409	G-8
R186	B-5	R244	A-10	R299	D-6	R352	C-8	R410	B-7
R187	E-2	R245	E-3	R300	G-5	R353	C-8	R411	B-6
R188	D-2	R246	D-3	R301	L-5	R355	C-8	R412	B-6
R191	E-5	R247	K-8	R302	E-5	R356	D-8	R413	C-7
R192	D-5	R248	B-6	R305	D-6	R357	C-9	R414	C-7
R193	C-7	R249	E-8	R306	G-6	R358	C-8	R415	B-6

Table 2 System Board Component Locator (continued)

Ref Des.	Grid Loc.						
R416	B-6	R474	B-8	U12	C-6	U71	G-5
R417	B-6	R501	B-1	U13	A-6	U72	F-5
R418	B-6	R502	A-1	U14	A-5	U73	F-6
R419	C-8	R503	A-1	U15	B-5	U74	F-7
R420	E-5	R504	A-2	U16	B-6	U75	D-6
R421	B-4	R505	A-2	U17	A-6	U76	F-6
R422	B-4	R506	A-2	U18	A-6	U77	D-7
R423	D-9	R507	A-2	U19	A-7	U78	D-7
R424	D-9	R508	A-2	U20	A-7	U80	C-7
R425	E-4	R510	A-3	U21	A-8	U81	F-4
R426	D-4	R511	A-2	U22	A-8	U82	B-7
R427	E-2	R512	B-1	U23	A-4	U83	C-9
R428	D-2	R513	B-1	U24	D-10	U84	G-9
R429	B-5	R514	B-2	U25	A-10	U85	D-8
R430	D-9	R515	B-2	U26	B-9	U86	D-8
R431	D-10	R516	A-2	U27	B-9	U95	E-7
R432	K-7	R517	B-3	U28	B-10	U501	A-2
R433	K-7	R518	A-2	U29	C-9	XU42	K-6
R434	B-8	R519	A-3	U30	H-9	Y1	D-9
R435	B-8	R520	B-2	U31	J-8	Y2	D-7
R436	D-9	R521	A-3	U32	J-5		
R437	D-9	R522	A-3	U33	L-9		
R438	D-9	R523	A-2	U34	H-6		
R439	D-8	R524	B-2	U35	H-9		
R440	D-9	R525	B-2	U36	K-8		
R441	D-9	R526	A-2	U37	H-9		
R443	K-9	R527	A-3	U38	K-8		
R444	D-8	R528	A-3	U39	K-9		
R445	E-9	R529	A-3	U41	K-7		
R446	E-8	R530	A-3	U42	K-6		
R447	E-8	R531	A-3	U43	C-5		
R448	H-10	R532	B-3	U44	E-9		
R451	B-8	R533	A-3	U47	J-4		
R452	D-8	R534	A-3	U48	L-5		
R453	C-7	R601	C-7	U49	K-5		
R454	C-8	R603	A-7	U50	K-4		
R455	G-6	R604	E-9	U51	G-6		
R456	F-6	RP2	A-7	U52	J-9		
R457	G-6	RP3	A-8	U53	J-8		
R458	F-6	RP6	L-10	U54	F-8		
R459	G-6	RP7	G-5	U55	G-7		
R460	C-7	RP8	G-4	U56	H-8		
R461	C-7	RP13	J-6	U58	H-6		
R462	B-7	SW1	E-10	U59	G-5		
R463	B-7	U1	E-4	U60	G-5		
R464	C-9	U2	E-3	U61	H-5		
R465	C-9	U3	C-4	U62	J-6		
R466	D-8	U4	D-3	U63	G-9		
R469	E-9	U7	A-8	U65	J-7		
R470	E-9	U8	A-9	U66	D-5		
R471	E-8	U9	C-4	U67	E-5		
R472	E-8	U10	B-5	U68	G-4		
R473	E-9	U11	A-5	U70	G-6		