

Component-Level Information Packet

for 08590-60102 & 08592-60068

Processor/Video Option E02 for HP 8593A

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HP Part Number 08590-60102
Processor/Video

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
A16	08590-60102	4	1	BD AY-PROC/VIDEO	28480	08590-60102
BT1	1420-0331	3	1	BATTERY 3.68V 1.75A-HR LITHIUM THIONYL		15-51-04-410-000
C1	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C2	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C3	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C4	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C5	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C6	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C10	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C12	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C13	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C14	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C15	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C16	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C17	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C20	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C22	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C23	0180-3769	6	1	CAPACITOR-FXD 6.8UF+-10% 35VDC TA	56289	299D685X9035DB1
C24	0160-6588	1	1	CAPACITOR-FXD .033UF +-10% 100VDC CER	04222	SA301C333KAAH
C25	0160-5099	7	1	CAPACITOR-FXD 3300PF +-5% 100VDC CER 0+-	04222	SA301A332JAAH
C26	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C27	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C28	0160-4574	1	1	CAPACITOR-FXD 1000PF +-10% 100VDC CER	04222	SA101C102KAAH
C29	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C30	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C31	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C32	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C33	0160-4807	3	1	CAPACITOR-FXD 33PF +-5% 100VDC CER 0+-30	04222	SA102A330JAAH
C34	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C35	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C36	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C37	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C38	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C39	0180-3769	6	1	CAPACITOR-FXD 6.8UF+-10% 35VDC TA	56289	299D685X9035DB1
C40	0180-3769	6	1	CAPACITOR-FXD 6.8UF+-10% 35VDC TA	56289	299D685X9035DB1
C41	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C43	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C44	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C45	0160-4790	3	1	CAPACITOR-FXD 12PF +-5% 100VDC CER 0+-30	04222	SA102A120JAAH
C46	0160-4574	1	1	CAPACITOR-FXD 1000PF +-10% 100VDC CER	04222	SA101C102KAAH
C47	0160-4682	2	1	CAPACITOR-FXD 1000PF +-2.5% 160VDC POLYP		B33062-A1102-H
C48	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C50	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C51	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C52	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C54	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C55	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C56	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH

**Indicates factory-selected value*

HP Part Number 08590-60102
Processor/Video

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C57	0180-3769	6	1	CAPACITOR-FXD 6.8UF+-10% 35VDC TA	56289	299D685X9035DB1
C58	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C59	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C60	0180-3769	6	1	CAPACITOR-FXD 6.8UF+-10% 35VDC TA	56289	299D685X9035DB1
C61	0180-3769	6	1	CAPACITOR-FXD 6.8UF+-10% 35VDC TA	56289	299D685X9035DB1
C62	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C63	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C64	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C65	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C66	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C67	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C101	0180-3769	6	1	CAPACITOR-FXD 6.8UF+-10% 35VDC TA	56289	299D685X9035DB1
C102	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C103	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C104	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C105	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C106	0180-3740	3	1	CAPACITOR-FXD .22F+80-20% 5VDC CARBON (D	S0545	FS0H224Z
C107	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C108	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C109	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C111	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C112	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C113	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C114	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C201	0160-4802	8	1	CAPACITOR-FXD 82PF +-5% 100VDC CER 0+-30	04222	SA102A820JAAH
C202	0160-4789	0	1	CAPACITOR-FXD 15PF +-5% 100VDC CER 0+-30	04222	SA102A150JAAH
C203	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C204	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C205	0160-4801	7	1	CAPACITOR-FXD 100PF +-5% 100VDC CER 0+-3	04222	SA102A101JAAH
C206	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C207	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C208	0160-4805	1	1	CAPACITOR-FXD 47PF +-5% 100VDC CER 0+-30	04222	SA102A470JAAH
C209	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C301	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C302	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C303	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C304	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C305	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C306	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C307	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C308	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C309	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C310	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C311	0160-4805	1	1	CAPACITOR-FXD 47PF +-5% 100VDC CER 0+-30	04222	SA102A470JAAH
C312	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C313	0160-4832	4	1	CAPACITOR-FXD .01UF +-10% 100VDC CER	04222	SA101C103KAAH
C314	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH

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C315	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C316	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C317	0160-4835	7	1	CAPACITOR-FXD .1UF +-10% 50VDC CER	04222	SA115C104KAAH
C318	0180-0116	1	1	CAPACITOR-FXD 6.8UF+-10% 35VDC TA	56289	150D685X9035B2-DYS
C401	0160-4386	3	1	CAPACITOR-FXD 33PF +-5% 200VDC CER 0+-30		RPE121-105C0G330J200V
C402	0160-4386	3	1	CAPACITOR-FXD 33PF +-5% 200VDC CER 0+-30		RPE121-105C0G330J200V
C403	0160-4386	3	1	CAPACITOR-FXD 33PF +-5% 200VDC CER 0+-30		RPE121-105C0G330J200V
CR4	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR5	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR6	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR7	1901-0539	3	1	DIODE-SCHOTTKY SM SIG		
CR8	1901-1131	3	1	DIODE-SCHOTTKY SM SIG	28480	
CR101	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR102	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR103	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR104	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR105	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR106	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR107	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR108	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR109	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR110	1901-0734	0	1	DIODE-PWR RECT 1N5818 30V 1A	04713	1N5818
CR111	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR112	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR201	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR202	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR203	1901-0539	3	1	DIODE-SCHOTTKY SM SIG		
CR301	1901-0539	3	1	DIODE-SCHOTTKY SM SIG		
CR401	1901-0743	1	1	DIODE-PWR RECT 1N4004 400V 1A DO-41	71744	1N4004
CR402	1901-0743	1	1	DIODE-PWR RECT 1N4004 400V 1A DO-41	71744	1N4004
CR403	1901-0743	1	1	DIODE-PWR RECT 1N4004 400V 1A DO-41	71744	1N4004
DS1	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15
DS2	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15
DS3	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15
DS4	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15
DS5	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15
DS6	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15
DS7	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15
DS8	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15
DS9	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15
DS10	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15
DS11	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15
DS12	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15
DS13	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15
DS14	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15
DS15	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15
DS16	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15
DS101	1990-1270	8	1	LED RED AXL .5 MCD	2M627	LTZ-MR15

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
FB201	9100-1788	6	1	CORE-FERRITE CHOKE-WIDEBAND IMP:680	02114	VK200 20/4B
FB301	9100-1788	6	1	CORE-FERRITE CHOKE-WIDEBAND IMP:680	02114	VK200 20/4B
FB401	9100-1788	6	1	CORE-FERRITE CHOKE-WIDEBAND IMP:680	02114	VK200 20/4B
FB402	9100-1788	6	1	CORE-FERRITE CHOKE-WIDEBAND IMP:680	02114	VK200 20/4B
J1	1252-2907	6	1	CONN MODU 60 F24	18873	65781-102
J2	1252-1284	0	1	CONN-POST TYPE .100-PIN-SPCG 40-CONT	00779	746865-9
J3	1252-2152	3	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	18873	69167-103
J4	1252-1470	6	1	CONN-POST TYPE .100-PIN-SPCG 40-CONT	00779	103922-1
J5	1250-1846	6	1	CONNECTOR-RF BNC FEM PC 50-OHM	24931	28JR342-1
J6	1252-1327	2	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	00779	745781-6
J7	1250-1846	6	1	CONNECTOR-RF BNC FEM PC 50-OHM	24931	28JR342-1
J8	1252-2162	5	1	CONN-POST TYPE .100-PIN-SPCG 5-CONT	18873	78208-105
J9	1252-1882	4	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	18873	78208-103
J10	1252-1065	5	1	CONN-POST TYPE .100-PIN-SPCG 24-CONT	00779	746878-5
J11	1252-3156	9	1	HDR 3POS 2CONT	18873	79275-103
L1	9100-1631	8	1	INDUCTOR RF-CH-MLD 56UH +-5% .166D-INX.3	99800	1537-64
L201	9100-1631	8	1	INDUCTOR RF-CH-MLD 56UH +-5% .166D-INX.3	99800	1537-64
L301	9140-0736	6	1	INDUCTOR-FIXED L:200 UH MIN @ 0.35 ADC,1	56289	
MP2	1200-0567	1	1	SOCKET-IC 28-CONT DIP DIP-SLDR	09922	DILB28P-308T
MP6	1200-0607	0	1	SOCKET-IC 16-CONT DIP DIP-SLDR	09922	DILB16P-308T
MP100	1200-1274	9	1	SOCKET-IC 68-CONT SQUARE DIP-SLDR	00779	821574-1
MP102	1200-1426	3	1	SOCKET-PLCC 28-CONT	00779	821581-1
MP103	1400-1267	4	1	HOLDER-BAT .531-.656-DIA FOR AA CELLS	91833	91
MP104	0361-0026	6	1	RIVET-SEMITUB OVH .089DIA .125LG	12014	R-4008-1/8
MP105	5041-8959	7	2	INSULATOR-PROCESSOR	28480	5041-8959
MP106	0361-1310	3	1	RUT BL PLASTIC		D30-0125-07
Q3	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE TO	17856	2N4391
Q4	1853-0007	7	1	TRANSISTOR PNP 2N3251 SI TO-18 PD=360MW	04713	2N3251
Q5	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE TO	17856	2N4391
Q6	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE T	04713	2N4416A
Q7	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE TO	17856	2N4391
Q8	1855-0675	9	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	04713	MPF6660
Q201	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=350MW	04713	2N3904
Q301	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=350MW	04713	2N3904
Q302	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=350MW	04713	2N3904
Q303	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=350MW	04713	2N3904
R5	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R6	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R8	0698-7231	2	1	RESISTOR 619 1% .05W TF TC=0+-100	19701	5063J
R9	0698-7212	9	1	RESISTOR 100 1% .05W TF TC=0+-100	19701	5063J
R10	0698-7236	7	1	RESISTOR 1K 1% .05W TF TC=0+-100	19701	5063J
R11	0698-7236	7	1	RESISTOR 1K 1% .05W TF TC=0+-100	19701	5063J
R19	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R20	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R21	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R23	0698-7196	8	1	RESISTOR 21.5 1% .05W TF TC=0+-100	19701	5063J
R27	0698-7248	1	1	RESISTOR 3.16K 1% .05W TF TC=0+-100	19701	5063J

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R28	0698-7214	1	1	RESISTOR 121 1% .05W TF TC=0+-100	19701	5063J
R29	0698-7284	5	1	RESISTOR 100K 1% .05W TF TC=0+-100	19701	5023R
R30	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R31	0698-7225	4	1	RESISTOR 348 1% .05W TF TC=0+-100	19701	5063J
R32	0698-7258	3	1	RESISTOR 8.25K 1% .05W TF TC=0+-100	19701	5063J
R33	0698-7255	0	1	RESISTOR 6.19K 1% .05W TF TC=0+-100	19701	5063J
R34	0698-7248	1	1	RESISTOR 3.16K 1% .05W TF TC=0+-100	19701	5063J
R35	0698-7220	9	1	RESISTOR 215 1% .05W TF TC=0+-100	19701	5063J
R36	0698-7212	9	1	RESISTOR 100 1% .05W TF TC=0+-100	19701	5063J
R37	0698-6320	8	1	RESISTOR 5K .1% .125W TF TC=0+-25	91637	CMF-55-1, T-9
R38	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R39	0698-7247	0	1	RESISTOR 2.87K 1% .05W TF TC=0+-100	19701	5063J
R40	0698-7221	0	1	RESISTOR 237 1% .05W TF TC=0+-100	19701	5063J
R41	0698-6317	3	1	RESISTOR 500 .1% .125W TF TC=0+-25	91637	CMF-55-1, T-9
R42	0698-6317	3	1	RESISTOR 500 .1% .125W TF TC=0+-25	91637	CMF-55-1, T-9
R43	0698-6362	8	1	RESISTOR 1K .1% .125W TF TC=0+-25	19701	5033R
R44	0698-6317	3	1	RESISTOR 500 .1% .125W TF TC=0+-25	91637	CMF-55-1, T-9
R45	0698-7202	7	1	RESISTOR 38.3 1% .05W TF TC=0+-100	19701	5063J
R46	0698-7202	7	1	RESISTOR 38.3 1% .05W TF TC=0+-100	19701	5063J
R47	0698-7218	5	1	RESISTOR 178 1% .05W TF TC=0+-100	19701	5063J
R48	0698-7236	7	1	RESISTOR 1K 1% .05W TF TC=0+-100	19701	5063J
R49	0698-7250	5	1	RESISTOR 3.83K 1% .05W TF TC=0+-100	19701	5063J
R51	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R52	0698-6362	8	1	RESISTOR 1K .1% .125W TF TC=0+-25	19701	5033R
R53	0698-6347	9	1	RESISTOR 1.5K .1% .125W TF TC=0+-25	19701	5033R
R54	0698-7284	5	1	RESISTOR 100K 1% .05W TF TC=0+-100	19701	5023R
R55	0698-7212	9	1	RESISTOR 100 1% .05W TF TC=0+-100	19701	5063J
R56	0698-7248	1	1	RESISTOR 3.16K 1% .05W TF TC=0+-100	19701	5063J
R57	0698-7248	1	1	RESISTOR 3.16K 1% .05W TF TC=0+-100	19701	5063J
R58	0698-7248	1	1	RESISTOR 3.16K 1% .05W TF TC=0+-100	19701	5063J
R60	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R61	0698-7284	5	1	RESISTOR 100K 1% .05W TF TC=0+-100	19701	5023R
R62	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R63	0698-7284	5	1	RESISTOR 100K 1% .05W TF TC=0+-100	19701	5023R
R64	0698-6317	3	1	RESISTOR 500 .1% .125W TF TC=0+-25	91637	CMF-55-1, T-9
R65	0698-6360	6	1	RESISTOR 10K .1% .125W TF TC=0+-25	19701	5033R
R66	0698-7205	0	1	RESISTOR 51.1 1% .05W TF TC=0+-100	19701	5063J
R67	0698-6631	4	1	RESISTOR 2.5K .1% .125W TF TC=0+-25	19701	5033R
R68	0698-6360	6	1	RESISTOR 10K .1% .125W TF TC=0+-25	19701	5033R
R69	0698-7205	0	1	RESISTOR 51.1 1% .05W TF TC=0+-100	19701	5063J
R70	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R71	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R72	0698-7221	0	1	RESISTOR 237 1% .05W TF TC=0+-100	19701	5063J
R78	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R101	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R102	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R103	0698-7236	7	1	RESISTOR 1K 1% .05W TF TC=0+-100	19701	5063J
R105	0698-7245	8	1	RESISTOR 2.37K 1% .05W TF TC=0+-100	19701	5063J

**Indicates factory-selected value*

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R106	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R107	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R108	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R109	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R110	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R111	0698-7236	7	1	RESISTOR 1K 1% .05W TF TC=0+-100	19701	5063J
R201	0698-7188	8	1	RESISTOR 10 1% .05W TF TC=0+-100	19701	5063J
R202	0698-7212	9	1	RESISTOR 100 1% .05W TF TC=0+-100	19701	5063J
R203	0698-7253	8	1	RESISTOR 5.11K 1% .05W TF TC=0+-100	19701	5063J
R204	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R205	0698-7243	6	1	RESISTOR 1.96K 1% .05W TF TC=0+-100	19701	5063J
R206	0698-7253	8	1	RESISTOR 5.11K 1% .05W TF TC=0+-100	19701	5063J
R207	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R208	0698-7253	8	1	RESISTOR 5.11K 1% .05W TF TC=0+-100	19701	5063J
R209	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R210	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R301	0698-7243	6	1	RESISTOR 1.96K 1% .05W TF TC=0+-100	19701	5063J
R302	0698-7212	9	1	RESISTOR 100 1% .05W TF TC=0+-100	19701	5063J
R303	0698-7221	0	1	RESISTOR 237 1% .05W TF TC=0+-100	19701	5063J
R304	0698-7242	5	1	RESISTOR 1.78K 1% .05W TF TC=0+-100	19701	5063J
R305	0698-7224	3	1	RESISTOR 316 1% .05W TF TC=0+-100	19701	5063J
R306	0698-7253	8	1	RESISTOR 5.11K 1% .05W TF TC=0+-100	19701	5063J
R307	0698-7208	3	1	RESISTOR 68.1 1% .05W TF TC=0+-100	19701	5063J
R308	0698-7234	5	1	RESISTOR 825 1% .05W TF TC=0+-100	19701	5063J
R309	0698-7201	6	1	RESISTOR 34.8 1% .05W TF TC=0+-100	19701	5063J
R310	0757-0402	1	1	RESISTOR 110 1% .125W TF TC=0+-100	19701	SFR25H
R311	0698-7230	1	1	RESISTOR 562 1% .05W TF TC=0+-100	19701	5063J
R312	0698-7224	3	1	RESISTOR 316 1% .05W TF TC=0+-100	19701	5063J
R313	0698-7209	4	1	RESISTOR 75 1% .05W TF TC=0+-100	19701	5063J
R314	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R315	0698-7245	8	1	RESISTOR 2.37K 1% .05W TF TC=0+-100	19701	5063J
R316	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R317	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
R318	0698-7260	7	1	RESISTOR 10K 1% .05W TF TC=0+-100	19701	5063J
TP1	1251-5596	3	1	CONN-POST TYPE .100-PIN-SPCG 7-CONT	18873	68001-607
U2	1820-6218	5	1	IC TRANSCEIVER CMOS/74HC BUS OCTL	04713	MC74HC646N
U3	1820-6218	5	1	IC TRANSCEIVER CMOS/74HC BUS OCTL	04713	MC74HC646N
U4	1818-4017	3	1	IC CMOS 262144 (256K) STAT RAM 120-NS	S0562	TC55257APL-12
U5	1818-4017	3	1	IC CMOS 262144 (256K) STAT RAM 120-NS	S0562	TC55257APL-12
U6			1	PROGRAMMED EPROM, SEE SVC MNL	28480	
U7			1	PROGRAMMED EPROM, SEE SVC MNL	28480	
U9	1820-3298	5	1	IC GATE CMOS/74HC OR QUAD 2-INP	27014	MM74HC32N
U10	1820-3097	2	1	IC GATE CMOS/74HC AND QUAD 2-INP	27014	MM74HC08N
U11	1810-0286	4	1	NETWORK-RES 16-DIP 10.OK OHM X 15	11236	761-1-R10K
U12	1820-5844	1	1	IC-16-BIT MPU W/COUNTER, PLCC 8MHZ	04713	MC68HC000FN8
U13	1820-3173	5	1	IC FF CMOS/74HC J-K NEG-EDGE-TRIG PRESET	27014	MM74HC112N
U16	1820-3183	7	1	IC GATE CMOS/74HC NAND QUAD 2-INP	04713	MC74HC03N

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U18	1820-2998	0	1	IC LCH CMOS/74HC TRANSPARENT OCTL	04713	MC74HC373N
U19	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	27014	MM74HC574N
U20	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	27014	MM74HC574N
U21	1818-4017	3	1	IC CMOS 262144 (256K) STAT RAM 120-NS	S0562	TC55257APL-12
U22	1818-4017	3	1	IC CMOS 262144 (256K) STAT RAM 120-NS	S0562	TC55257APL-12
U23			1	PROGRAMMED EPROM, SEE SVC MNL	28480	
U24			1	PROGRAMMED EPROM, SEE SVC MNL	28480	
U25	1251-4787	2	1	SHUNT-DIP 8 POSITION DUAL INLINE PKG	00779	435704-8
U26	1820-3080	3	1	IC GATE CMOS/74HC NAND DUAL 4-INP	04713	MC74HC20N
U32	1820-2922	0	1	IC GATE CMOS/74HC NAND QUAD 2-INP	04713	MC74HC00N
U33	1858-0077	1	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	04713	MPQ2222P
U34	1810-0037	3	1	NETWORK-RES 16-DIP 1.0K OHM X 8	11236	761-3-R1K
U35	1826-0759	9	1	IC COMPARATOR GP QUAD 14-DIP-C PKG	27014	LM339J
U36	1820-3205	4	1	IC CNTR CMOS/74HC BIN UP/DOWN SYNCHRO PO	27014	MM74HC193N
U37	1820-3081	4	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG PRE	04713	MC74HC74N
U38	1810-0206	8	1	NETWORK-RES 8-SIP 10.0K OHM X 7	11236	750-81
U39	1820-2922	0	1	IC GATE CMOS/74HC NAND QUAD 2-INP	04713	MC74HC00N
U40	1820-5108	0	1	IC-PROGRAMMABLE INTERVAL TIMER 8MHZ CMOS	34649	N82C54
U41	1820-3298	5	1	IC GATE CMOS/74HC OR QUAD 2-INP	27014	MM74HC32N
U42	1820-3298	5	1	IC GATE CMOS/74HC OR QUAD 2-INP	27014	MM74HC32N
U44	1858-0077	1	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	04713	MPQ2222P
U45	1826-1045	8	1	IC OP AMP H-SLEW-RATE 8-DIP-C PKG	34371	HA7-2515-5
U46	1826-1178	8	1	SAMPLE AND HOLD 14 -CERDIP	34371	HA1-5320-5
U47	1826-1522	6	1	A/D 12-DGT 28-CERDIP HYB	24355	AD574AJ (SELECTED)
U48	1810-0286	4	1	NETWORK-RES 16-DIP 10.0K OHM X 15	11236	761-1-R10K
U49	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	27014	MM74HC574N
U52	1820-3079	0	1	IC DCDR CMOS/74HC 3-TO-8-LINE	04713	MC74HC138N
U53	1810-0286	4	1	NETWORK-RES 16-DIP 10.0K OHM X 15	11236	761-1-R10K
U54	1820-3297	4	1	IC DRVR CMOS/74HC BUS OCTL	04713	MC74HC244N
U56	1820-4675	4	1	IC ENCDR CMOS/74HC PRIORITY 8-TO-3-LINE	01295	SN74HC148N
U57	1820-3449	8	1	IC-PARALLEL INTERFACE/TIMER/8MHZ/MC68000	04713	MC68230L8
U58	1810-0205	7	1	NETWORK-RES 8-SIP 4.7K OHM X 7	11236	750-81
U60	1810-0203	5	1	NETWORK-RES 8-SIP 470.0 OHM X 7	11236	750-81
U61	1826-1939	9	1	IC OP AMP WB 8-TO-99 PKG	34371	HA2-5160-5
U62	1858-0032	8	1	TRANSISTOR ARRAY 14-PIN PLSTC DIP	27014	LM3146
U63	1858-0077	1	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	04713	MPQ2222P
U64	1826-0609	8	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	06665	MUX-08FQ
U65	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	27014	MM74HC574N
U66	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	27014	MM74HC574N
U68	1820-3297	4	1	IC DRVR CMOS/74HC BUS OCTL	04713	MC74HC244N
U71	1820-3081	4	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG PRE	04713	MC74HC74N
U72	1820-3185	9	1	IC SCHMITT-TRIG CMOS/74HC INV HEX	27014	MM74HC14N
U101	08590-80093	4	1	PAL PROGRAMMED	28480	08590-80093
U102	1820-3174	6	1	IC SCHMITT-TRIG CMOS/74HC NAND QUAD 2-IN	04713	MC74HC132N
U103	1820-5497	0	1	IC-NONVOLATILE MEMORY CONTROLLER		DS1210
U104	1826-1858	1	1	IC 1259 P BATMG		DS1259N
U105	1820-5497	0	1	IC-NONVOLATILE MEMORY CONTROLLER		DS1210
U106	1820-5384	4	1	IC-INTERFACE CMOS CLOCK		RTC-72421B

**Indicates factory-selected value*

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U107	1810-0280	8	1	NETWORK-RES 10-SIP 10.0K OHM X 9	91637	MSP10A01
U108	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	27014	MM74HC574N
U109	1810-0273	9	1	NETWORK-RES 10-SIP 470.0 OHM X 9	91637	MSP10A01
U110	1810-0280	8	1	NETWORK-RES 10-SIP 10.0K OHM X 9	91637	MSP10A01
U111	1820-3297	4	1	IC DRVR CMOS/74HC BUS OCTL	04713	MC74HC244N
U113	1820-3183	7	1	IC GATE CMOS/74HC NAND QUAD 2-INP	04713	MC74HC03N
U114	08590-80094	5	1	PAL PROGRAMMED	28480	08590-80094
U115	08590-80095	6	1	PAL PROGRAMMED	28480	08590-80095
U116	1820-3298	5	1	IC GATE CMOS/74HC OR QUAD 2-INP	27014	MM74HC32N
U117	1813-0129	0	1	CLOCK-OSCILLATOR-XTAL 14.7456-MHZ 0.01%	00815	HS-100(14.7456MHZ)
U118	1820-3537	5	1	IC FF CMOS/74HCT D-TYPE POS-EDGE-TRIG PR	18324	74HCT74N
U201	1826-0609	8	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	06665	MUX-08FQ
U202	1826-1220	1	1	IC OP AMP WB 8-DIP-C PKG	34371	HA7-2525-5
U301	1820-6351	7	1	IC-CRT CONTROLLER 68-PLCC 8MHZ	S4013	HD63484CP8
U302	1820-2656	7	1	IC GATE TTL ALS NAND QUAD 2-INP	01295	SN74ALS00AN
U303	1820-2102	8	1	IC LCH TTL LS D-TYPE OCTL	01295	SN74LS373N
U304	1820-2102	8	1	IC LCH TTL LS D-TYPE OCTL	01295	SN74LS373N
U305	1818-4017	3	1	IC CMOS 262144 (256K) STAT RAM 120-NS	S0562	TC55257APL-12
U306	1818-4017	3	1	IC CMOS 262144 (256K) STAT RAM 120-NS	S0562	TC55257APL-12
U307	1813-0245	1	1	CLOCK-OSCILLATOR-XTAL 25.0-MHZ 0.05%		F1100HA-25MHZ .05%
U308	08590-80096	7	1	PAL-PROGRAMMED	28480	08590-80096
U309	1820-1922	8	1	IC SHF-RGTR TTL LS PRL-IN SERIAL-OUT 8-B	01295	SN74LS166AN
U310	1820-1922	8	1	IC SHF-RGTR TTL LS PRL-IN SERIAL-OUT 8-B	01295	SN74LS166AN
U311	1820-0535	7	1	IC-INTERFACE DRVR BCD AND DUAL	01295	SN75451BP
U312	1820-0535	7	1	IC-INTERFACE DRVR BCD AND DUAL	01295	SN75451BP
U401	1810-0301	4	1	NETWORK-RES 16-DIP 51.0 OHM X 8	11236	761-3-R51
U402	1810-0301	4	1	NETWORK-RES 16-DIP 51.0 OHM X 8	11236	761-3-R51
U403	1810-0301	4	1	NETWORK-RES 16-DIP 51.0 OHM X 8	11236	761-3-R51
U404	1810-0301	4	1	NETWORK-RES 16-DIP 51.0 OHM X 8	11236	761-3-R51
U405	1810-0301	4	1	NETWORK-RES 16-DIP 51.0 OHM X 8	11236	761-3-R51
U406	1810-0301	4	1	NETWORK-RES 16-DIP 51.0 OHM X 8	11236	761-3-R51
VR1	1902-0952	6	1	DIODE-ZNR 5.6V 5% D0-35 PD=.4W TC=+.046%	04713	
VR301	1902-0949	1	1	DIODE-ZNR 4.3V 5% D0-35 PD=.4W TC=+.017%	04713	
VR302	1902-0949	1	1	DIODE-ZNR 4.3V 5% D0-35 PD=.4W TC=+.017%	04713	
W102	8159-0005	0	1	RESISTOR-ZERO OHMS 22 AWG LEAD DIA	55210	L-2007-1
W103	8159-0005	0	1	RESISTOR-ZERO OHMS 22 AWG LEAD DIA	55210	L-2007-1
W104	8159-0005	0	1	RESISTOR-ZERO OHMS 22 AWG LEAD DIA	55210	L-2007-1

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
BT1	1420-0331	3	1	BATTERY 3.68V 1.75A-HR LITHIUM THIONYL	10183	15-51-04-410-000
C1	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C2	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C3	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C4	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C5	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C6	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C10	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C12	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C13	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C14	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C15	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C16	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C17	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C20	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C22	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C23	0180-3769	6	1	CAP-FXD 6.8uF 35 V TA	04200	299D685X9035DB1
C24	0160-6588	1	1	CAP-FXD 0.033uF 100 V	02010	SA301C333KAAH
C25	0160-5099	7	1	CAP-FXD 3300pF +-5% 100 V CER COG	02010	SA301A332JAAH
C26	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C27	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C28	0160-4574	1	1	CAP-FXD 1000pF 100 V	02010	SA101C102KAAH
C29	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C30	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C31	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C32	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C33	0160-4807	3	1	CAP-FXD 33pF +-5% 100 V CER COG	02010	SA102A330JAAH
C34	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C35	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C36	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C37	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C38	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C39	0180-3769	6	1	CAP-FXD 6.8uF 35 V TA	04200	299D685X9035DB1
C40	0180-3769	6	1	CAP-FXD 6.8uF 35 V TA	04200	299D685X9035DB1
C41	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C43	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C44	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C45	0160-4790	3	1	CAP-FXD 12pF +-5% 100 V CER COG	02010	SA102A120JAAH
C46	0160-4574	1	1	CAP-FXD 1000pF 100 V	02010	SA101C102KAAH
C47	0160-4682	2	1	CAP-FXD 1000pF 160 V POLYP-FL	03441	
C48	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C50	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C51	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C52	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C54	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C55	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C56	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C57	0180-3769	6	1	CAP-FXD 6.8uF 35 V TA	04200	299D685X9035DB1

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C58	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C59	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C60	0180-3769	6	1	CAP-FXD 6.8uF 35 V TA	04200	299D685X9035DB1
C61	0180-3769	6	1	CAP-FXD 6.8uF 35 V TA	04200	299D685X9035DB1
C62	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C63	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C64	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C65	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C66	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C67	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C101	0180-3769	6	1	CAP-FXD 6.8uF 35 V TA	04200	299D685X9035DB1
C102	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C103	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C104	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C105	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C106	0180-3740	3	1	CAP-FXD 0.22F 5 V CARB	00039	FS0H224Z
C107	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C108	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C109	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C111	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C112	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C113	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C114	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C201	0160-4802	8	1	CAP-FXD 82pF +-5% 100 V CER COG	02010	SA102A820JAAH
C202	0160-4789	0	1	CAP-FXD 15pF +-5% 100 V CER COG	02010	SA102A150JAAH
C203	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C204	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C205	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER COG	02010	SA102A101JAAH
C206	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C207	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C208	0160-4805	1	1	CAP-FXD 47pF +-5% 100 V CER COG	02010	SA102A470JAAH
C209	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C301	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C302	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C303	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C304	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C305	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C306	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C307	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C308	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C309	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C310	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C311	0160-4805	1	1	CAP-FXD 47pF +-5% 100 V CER COG	02010	SA102A470JAAH
C312	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C313	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C314	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C315	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH

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C316	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C317	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C318	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X
C401	0160-4386	3	1	CAP-FXD 33pF 200 V	02010	SR152A330JAA
C402	0160-4386	3	1	CAP-FXD 33pF 200 V	02010	SR152A330JAA
C403	0160-4386	3	1	CAP-FXD 33pF 200 V	02010	SR152A330JAA
CR4	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR5	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR6	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR7	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	
CR8	1901-1131	3	1	DIODE-SCHOTTKY SM SIG	02062	5082-2810
CR101	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR102	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR103	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR104	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR105	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR106	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR107	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR108	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR109	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR110	1901-0734	0	1	DIODE-PWR RECT 1N5818 30V 1A	02037	1N5818
CR111	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR112	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR201	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR202	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR203	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	
CR301	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	
CR401	1901-0743	1	1	DIODE-PWR RECT 1N4004 400V 1A DO-41	04504	1N4004
CR402	1901-0743	1	1	DIODE-PWR RECT 1N4004 400V 1A DO-41	04504	1N4004
CR403	1901-0743	1	1	DIODE-PWR RECT 1N4004 400V 1A DO-41	04504	1N4004
DS1	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
DS2	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
DS3	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
DS4	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
DS5	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
DS6	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
DS7	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
DS8	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
DS9	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
DS10	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
DS11	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
DS12	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
DS13	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
DS14	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
DS15	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
DS16	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
DS101	1990-1270	8	1	LED RED AXL .5 MCD	00746	LTZ-MR15
FB201	9100-1788	6	1	CORE-FERRITE CHOKE-WIDEBAND IMP:680 OHM	01887	VK200 20/48

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FB301	9100-1788	6	1	CORE-FERRITE CHOKE-WIDEBAND IMP:680 OHM	01887	VK200 20/48
FB401	9100-1788	6	1	CORE-FERRITE CHOKE-WIDEBAND IMP:680 OHM	01887	VK200 20/48
FB402	9100-1788	6	1	CORE-FERRITE CHOKE-WIDEBAND IMP:680 OHM	01887	VK200 20/48
J1	1252-2907	6	1	CONN MODO 60 F2R	02946	65781-102
J2	1252-1284	0	1	CONN-POST TYPE .100-PIN-SPCG 40-CONT	01380	746865-9
J3	1252-2152	3	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	69167-103
J4	1252-1470	6	1	CONN-POST TYPE .100-PIN-SPCG 40-CONT	01380	103922-1
J5	1250-1846	6	1	CONNECTOR-RF BNC FEM PC 50-OHM	01380	87-3331-014
J6	1252-1327	2	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	01380	745781-6
J7	1250-1846	6	1	CONNECTOR-RF BNC FEM PC 50-OHM	01380	87-3331-014
J8	1252-2162	5	1	CONN-POST TYPE .100-PIN-SPCG 5-CONT	02946	78208-105
J9	1252-1882	4	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	78208-103
J10	1252-1065	5	1	CONN-POST TYPE .100-PIN-SPCG 24-CONT	01380	746878-5
J11	1252-3156	9	1	CONN-POST TYPE .100-PIN-SPCG 2-CONT	02946	79275-103
L1	9100-1631	8	1	INDUCTOR RF-CH-MLD 56UH +-5% .166D-INX.3	03273	15M562J
L201	9100-1631	8	1	INDUCTOR RF-CH-MLD 56UH +-5% .166D-INX.3	03273	15M562J
L301	9140-0736	6	1	INDUCTOR-FIXED L:200 UH MIN @ 0.35 ADC,1	04200	
MP2	1200-1314	8	4	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
MP3	1200-1208	9	1	SOCKET-IC 24-CONT DIP DIP-SLDR	01380	2-641932-1
MP6	0361-1310	3	2		07821	D30-0125-07
MP100	1200-1274	9	2	SOCKET-IC 68-CONT SQUARE DIP-SLDR	01380	821574-1
MP102	1200-1426	3	1	SOCKET PLCC 28 CONT	01380	821581-1
MP103	1400-1267	4	1	HOLDER-BAT .531-.656-DIA FOR AA CELLS	05535	91
MP104	0361-0026	6	2	RIVET-SEMITUB OVH .089DIA .125LG	02531	R-4008-1/8
MP105	5041-8959	7	1	INSULATOR - PROC	28480	5041-8959
MP107	0515-0169	5	2	SCREW-MACHINE ASSEMBLY M3 X 0.5 10MM-LG	01125	
MP108	0535-0025	4	2	NUT-HEX DBL-CHAM M3 X 0.5 2.4MM-THK	06691	
Q3	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE TO	02037	2N4391
Q4	1853-0007	7	1	TRANSISTOR PNP 2N3251 SI TO-18 PD=360MW	02037	2N3251
Q5	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE TO	02037	2N4391
Q6	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE T	02037	2N4416A
Q7	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE TO	02037	2N4391
Q8	1855-0675	9	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02037	MPF6660
Q201	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW FT=300M	00746	2N3904
Q301	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW FT=300M	00746	2N3904
Q302	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW FT=300M	00746	2N3904
Q303	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW FT=300M	00746	2N3904
R5	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R6	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R8	0698-7231	2	1	RESISTOR 619 +-1% .05W TF TC=0+-100	00746	CRB20
R9	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	00746	CRB20
R10	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R11	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R19	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R20	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R21	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R23	0698-7196	8	1	RESISTOR 21.5 +-1% .05W TF TC=0+-100	00746	CRB20

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R27	0698-7248	1	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	00746	CRB20
R28	0698-7214	1	1	RESISTOR 121 +-1% .05W TF TC=0+-100	00746	CRB20
R29	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	00746	CRB20
R30	0698-7277	6	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	00746	CRB20
R31	0698-7225	4	1	RESISTOR 348 +-1% .05W TF TC=0+-100	00746	CRB20
R32	0698-7258	3	1	RESISTOR 8.25K +-1% .05W TF TC=0+-100	00746	CRB20
R33	0698-7255	0	1	RESISTOR 6.19K +-1% .05W TF TC=0+-100	00746	CRB20
R34	0698-7248	1	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	00746	CRB20
R35	0698-7220	9	1	RESISTOR 215 +-1% .05W TF TC=0+-100	00746	CRB20
R36	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	00746	CRB20
R37	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R38	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R39	0698-7247	0	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	00746	CRB20
R40	0698-7221	0	1	RESISTOR 237 +-1% .05W TF TC=0+-100	00746	CRB20
R41	0698-6317	3	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R42	0698-6317	3	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R43	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R44	0698-6317	3	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R45	0698-7202	7	1	RESISTOR 38.3 +-1% .05W TF TC=0+-100	00746	CRB20
R46	0698-7202	7	1	RESISTOR 38.3 +-1% .05W TF TC=0+-100	00746	CRB20
R47	0698-7218	5	1	RESISTOR 178 +-1% .05W TF TC=0+-100	00746	CRB20
R48	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R49	0698-7250	5	1	RESISTOR 3.83K +-1% .05W TF TC=0+-100	00746	CRB20
R51	0698-7277	6	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	00746	CRB20
R52	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R53	0698-6347	9	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R54	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	00746	CRB20
R55	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	00746	CRB20
R56	0698-7248	1	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	00746	CRB20
R57	0698-7248	1	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	00746	CRB20
R58	0698-7248	1	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	00746	CRB20
R60	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R61	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	00746	CRB20
R62	0698-7277	6	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	00746	CRB20
R63	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	00746	CRB20
R64	0698-6317	3	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R65	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R66	0698-7205	0	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	00746	CRB20
R67	0698-6631	4	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R68	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R69	0698-7205	0	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	00746	CRB20
R70	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R71	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R72	0698-7221	0	1	RESISTOR 237 +-1% .05W TF TC=0+-100	00746	CRB20
R78	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R101	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R102	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20

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R103	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R105	0698-7245	8	1	RESISTOR 2.37K +-1% .05W TF TC=0+-100	00746	CRB20
R106	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R107	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R108	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R109	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R110	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R111	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R201	0698-7188	8	1	RESISTOR 10 +-1% .05W TF TC=0+-100	00746	CRB20
R202	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	00746	CRB20
R203	0698-7253	8	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	00746	CRB20
R204	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R205	0698-7243	6	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	00746	CRB20
R206	0698-7253	8	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	00746	CRB20
R207	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R208	0698-7253	8	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	00746	CRB20
R209	0698-7277	6	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	00746	CRB20
R210	0698-7277	6	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	00746	CRB20
R301	0698-7243	6	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	00746	CRB20
R302	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	00746	CRB20
R303	0698-7221	0	1	RESISTOR 237 +-1% .05W TF TC=0+-100	00746	CRB20
R304	0698-7242	5	1	RESISTOR 1.78K +-1% .05W TF TC=0+-100	00746	CRB20
R305	0698-7224	3	1	RESISTOR 316 +-1% .05W TF TC=0+-100	00746	CRB20
R306	0698-7253	8	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	00746	CRB20
R307	0698-7208	3	1	RESISTOR 68.1 +-1% .05W TF TC=0+-100	00746	CRB20
R308	0698-7234	5	1	RESISTOR 825 +-1% .05W TF TC=0+-100	00746	CRB20
R309	0698-7201	6	1	RESISTOR 34.8 +-1% .05W TF TC=0+-100	00746	CRB20
R310	0757-0402	1	1	RESISTOR 110 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R311	0698-7230	1	1	RESISTOR 562 +-1% .05W TF TC=0+-100	00746	CRB20
R312	0698-7224	3	1	RESISTOR 316 +-1% .05W TF TC=0+-100	00746	CRB20
R313	0698-7209	4	1	RESISTOR 75 +-1% .05W TF TC=0+-100	00746	CRB20
R314	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R315	0698-7245	8	1	RESISTOR 2.37K +-1% .05W TF TC=0+-100	00746	CRB20
R316	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R317	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R318	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
TP1	1251-5596	3	1	CONN-POST TYPE .100-PIN-SPCG 7-CONT	02946	68001-607
U2	1820-6218	5	1	IC TRANSCEIVER CMOS/74HC BUS OCTL	02037	MC74HC646N
U3	1820-6218	5	1	IC TRANSCEIVER CMOS/74HC BUS OCTL	02037	MC74HC646N
U4	1818-4017	3	1	IC CMOS 262144 (256K) STAT RAM 100-NS 3	06354	TC55257BPL-10
U5	1818-4017	3	1	IC CMOS 262144 (256K) STAT RAM 100-NS 3	06354	TC55257BPL-10
U6		4	1	PROGRAMMED EPROM U6 SEE SVC MNL	28480	
U7		5	1	PROGRAMMED EPROM U7 SEE SVC MNL	28480	
U9	1820-3298	5	1	IC GATE CMOS/74HC OR QUAD 2-INP	02037	MC74HC32N
U10	1820-3097	2	1	IC GATE CMOS/74HC AND QUAD 2-INP	02037	MC74HC08N
U11	1810-0286	4	1	NETWORK-RES 16-DIP 10.0K OHM X 15	02483	761-1-R10K
U12	1820-5844	1	1	IC-16-BIT MPU W/COUNTER, PLCC 8MHZ	02037	MC68HC000FN8
U13	1820-3173	5	1	IC FF CMOS/74HC J-K NEG-EDGE-TRIG PRESET	02037	MC74HC112N

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U16	1820-3183	7	1	IC GATE CMOS/74HC NAND QUAD 2-INP	02037	MC74HC03N
U18	1820-2998	0	1	IC LCH CMOS/74HC TRANSPARENT OCTL	01698	SN74HC373N
U19	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	02037	MC74HC574N
U20	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	02037	MC74HC574N
U21	1818-4017	3	1	IC CMOS 262144 (256K) STAT RAM 100-NS 3	06354	TC55257BPL-10
U22	1818-4017	3	1	IC CMOS 262144 (256K) STAT RAM 100-NS 3	06354	TC55257BPL-10
U23		6	1	PROGRAMMED EPROM U23 SEE SVC MNL	28480	
U24		7	1	PROGRAMMED EPROM U24 SEE SVC MNL	28480	
U25	1251-4787	2	1	SHUNT-DIP 8 POSITION DUAL INLINE PKG	01380	435704-8
U26	1820-3080	3	1	IC GATE CMOS/74HC NAND DUAL 4-INP	02037	MC74HC20N
U32	1820-2922	0	1	IC GATE CMOS/74HC NAND QUAD 2-INP	02037	MC74HC00N
U33	1858-0077	1	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02037	MPQ2222P
U34	1810-0037	3	1	NETWORK-RES 16-DIP 1.0K OHM X 8	02483	761-3-R1K
U35	1826-0759	9	1	IC COMPARATOR GP QUAD 14-DIP-C PKG	02037	LM339J
U36	1820-3205	4	1	IC CNTR CMOS/74HC BIN UP/DOWN SYNCHRO PO	03406	MM74HC193N
U37	1820-3081	4	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG PRE	01698	SN74HC74N
U38	1810-0206	8	1	NETWORK-RES 8-SIP 10.0K OHM X 7	02483	750-81
U39	1820-2922	0	1	IC GATE CMOS/74HC NAND QUAD 2-INP	02037	MC74HC00N
U40	1820-5108	0	1	IC-PROGRAMMABLE INTERVAL TIMER 8MHZ CMOS	03811	N82C54
U41	1820-3298	5	1	IC GATE CMOS/74HC OR QUAD 2-INP	02037	MC74HC32N
U42	1820-3298	5	1	IC GATE CMOS/74HC OR QUAD 2-INP	02037	MC74HC32N
U44	1858-0077	1	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02037	MPQ2222P
U45	1826-1045	8	1	IC OP AMP H-SLEW-RATE 8-DIP-C PKG	03799	HA7-2515-5
U46	1826-1178	8	1	SAMPLE AND HOLD 14 -CERDIP	03799	HA1-5320-5
U47	1826-1522	6	1	A/D 12-DGT 28-CERDIP HYB	03285	AD574AJ (SELECTED)
U48	1810-0286	4	1	NETWORK-RES 16-DIP 10.0K OHM X 15	02483	761-1-R10K
U49	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	02037	MC74HC574N
U52	1820-3079	0	1	IC DCDR CMOS/74HC BIN 3-TO-8-LINE	02037	MC74HC138N
U53	1810-0286	4	1	NETWORK-RES 16-DIP 10.0K OHM X 15	02483	761-1-R10K
U54	1820-3297	4	1	IC DRVR CMOS/74HC BUS OCTL	02037	MC74HC244N
U56	1820-4675	4	1	IC ENCDR CMOS/74HC PRIORITY 8-TO-3-LINE	01698	SN74HC148N
U57	1820-3449	8	1	IC-PARALLEL INTERFACE/TIMER/8MHZ/MC68000	02037	MC68230L8
U58	1810-0205	7	1	NETWORK-RES 8-SIP 4.7K OHM X 7	02483	750-81
U60	1810-0203	5	1	NETWORK-RES 8-SIP 470.0 OHM X 7	02483	750-81
U61	1826-1939	9	1	IC OP AMP WB 8-TO-99 PKG	03799	HA2-5160-5
U62	1858-0032	8	1	TRANSISTOR ARRAY 14-PIN PLSTC DIP	03406	LM3146
U63	1858-0077	1	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02037	MPQ2222P
U64	1826-0609	8	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	02180	MUX-08FQ
U65	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	02037	MC74HC574N
U66	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	02037	MC74HC574N
U68	1820-3297	4	1	IC DRVR CMOS/74HC BUS OCTL	02037	MC74HC244N
U71	1820-3081	4	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG PRE	01698	SN74HC74N
U72	1820-3185	9	1	IC SCHMITT-TRIG CMOS/74HC INV HEX	02037	MC74HC14N
U101	08590-80093	4	1	PAL PROGRAMMED U101	28480	08590-80093
U102	1820-3174	6	1	IC SCHMITT-TRIG CMOS/74HC NAND QUAD 2-IN	02037	MC74HC132N
U103	1820-5497	0	1	IC-NONVOLATILE MEMORY CONTROLLER	12186	DS1210
U104	1826-1858	1	1	IC MISC 16-DIP-P PKG	12186	DS1259N

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U105	1820-5497	0	1	IC-NONVOLATILE MEMORY CONTROLLER	12186	DS1210
U106	1820-5384	4	1	IC-INTERFACE CMOS -888-BIT	10421	RTC-72421B
U107	1810-0280	8	1	NETWORK-RES 10-SIP 10.0K OHM X 9	02483	750-101
U108	1820-3789	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	02037	MC74HC574N
U109	1810-0273	9	1	NETWORK-RES 10-SIP 470.0 OHM X 9	02483	750-101
U110	1810-0280	8	1	NETWORK-RES 10-SIP 10.0K OHM X 9	02483	750-101
U111	1820-3297	4	1	IC DRVR CMOS/74HC BUS OCTL	02037	MC74HC244N
U113	1820-3183	7	1	IC GATE CMOS/74HC NAND QUAD 2-INP	02037	MC74HC03N
U114	08590-80094	5	1	PAL PROGRAMMED U114	28480	08590-80094
U115	08590-80095	6	1	PAL PROGRAMMED U115	28480	08590-80095
U116	1820-3298	5	1	IC GATE CMOS/74HC OR QUAD 2-INP	02037	MC74HC32N
U117	1813-0129	0	1	CLOCK-OSCILLATOR-XTAL 14.7456-MHZ 0.01%	01417	HS-100(14.7456MHZ)
U118	1820-3537	5	1	IC FF CMOS/74HCT D-TYPE POS-EDGE-TRIG PR	02910	74HCT74N
U201	1826-0609	8	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	02180	MUX-08FQ
U202	1826-1220	1	1	IC OP AMP WB 8-DIP-C PKG	03799	HA7-2525-5
U301	1820-6351	7	1	IC-CRT CONTROLLER 68-PLCC 8MHZ	02910	SCC63484C8A68
U302	1820-2656	7	1	IC GATE TTL/ALS NAND QUAD 2-INP	01698	SN74ALS00AN
U303	1820-2102	8	1	IC LCH TTL/LS TRANSPARENT OCTL	01698	SN74LS373N
U304	1820-2102	8	1	IC LCH TTL/LS TRANSPARENT OCTL	01698	SN74LS373N
U305	1818-4017	3	1	IC CMOS 262144 (256K) STAT RAM 100-NS 3	06354	TC55257BPL-10
U306	1818-4017	3	1	IC CMOS 262144 (256K) STAT RAM 100-NS 3	06354	TC55257BPL-10
U307	1813-0245	1	1	CLOCK-OSCILLATOR-XTAL 25.0-MHZ 0.05%	01417	HS-102-25.000MHZ
U308	08590-80096	7	1	PAL PROGRAMMED U308	28480	08590-80096
U309	1820-1922	8	1	IC SHF-RGTR TTL/LS SYNC/ASYNC PAR/SERIAL	01698	SN74LS166AN
U310	1820-1922	8	1	IC SHF-RGTR TTL/LS SYNC/ASYNC PAR/SERIAL	01698	SN74LS166AN
U311	1820-0535	7	1	IC-INTERFACE DRVR AND DUAL -888-BIT	01698	SN75451BP
U312	1820-0535	7	1	IC-INTERFACE DRVR AND DUAL -888-BIT	01698	SN75451BP
U401	1810-0301	4	1	NETWORK-RES 16-DIP 51.0 OHM X 8	02483	761-3-R51
U402	1810-0301	4	1	NETWORK-RES 16-DIP 51.0 OHM X 8	02483	761-3-R51
U403	1810-0301	4	1	NETWORK-RES 16-DIP 51.0 OHM X 8	02483	761-3-R51
U404	1810-0301	4	1	NETWORK-RES 16-DIP 51.0 OHM X 8	02483	761-3-R51
U405	1810-0301	4	1	NETWORK-RES 16-DIP 51.0 OHM X 8	02483	761-3-R51
U406	1810-0301	4	1	NETWORK-RES 16-DIP 51.0 OHM X 8	02483	761-3-R51
VR1	1902-0952	6	1	DIODE-ZNR 5.6V 5% D0-35 PD=.4W TC=+.046%	02037	
VR301	1902-0949	1	1	DIODE-ZNR 4.3V 5% D0-35 PD=.4W TC=+.017%	02037	
VR302	1902-0949	1	1	DIODE-ZNR 4.3V 5% D0-35 PD=.4W TC=+.017%	02037	
W102	8159-0005	0	1	RESISTOR 0 CWM	01339	L-2007-1
W103	8159-0005	0	1	RESISTOR 0 CWM	01339	L-2007-1
W104	8159-0005	0	1	RESISTOR 0 CWM	01339	L-2007-1