

Component-Level Information Packet

for 08590-60191

Analog Interface for HP 8590B and HP 8591A

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HP Part Number 08590-60191
Analog Interface, RF

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C1	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X
C2	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
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
C7	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C8	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C9	0180-3636	6	1	CAP-FXD 330uF 35 V AL-ELCTLT	00493	SR35VB331M12.5X15
C10	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C11	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C12	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C13	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C14	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C15	0160-4800	6	1	CAP-FXD 120pF 100 V	02010	SA102A121JAAH
C16	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C17	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C18	0160-4800	6	1	CAP-FXD 120pF 100 V	02010	SA102A121JAAH
C19	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X
C20	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C21	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X
C22	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C23	0160-4822	2	1	CAP-FXD 1000pF 100 V	02010	SA201A102JAAH
C24	0160-6223	1	1	CAP-FXD 2uF 100 V POLYP-MET	05176	X335 2.0UF 100V 5%
C25	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C26	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C27	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C28	0180-3817	5	1	CAP-FXD 100uF 50 V AL-ELCTLT	00493	SRC50VB101M10X12.5LL
C30	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C31	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C32	0180-3888	0	1	CAP-FXD 15uF 25 V TA	04200	173D156X9025X
C33	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C34	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C35	0180-3635	5	1	CAP-FXD 470uF 25 V AL-ELCTLT	00493	SR25VB471M12.5X15
C36	0160-5098	6	1	CAP-FXD 0.22uF 50 V	02010	SA405C224KAAH
C37	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C38	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X
C39	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C40	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X
C41	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C44	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C45	0160-4833	5	1	CAP-FXD 0.022uF 100 V	02010	SA201C223KAAH
C46	0160-4834	6	1	CAP-FXD 0.047uF 100 V	02010	SA301C473KAAH
C47	0180-4172	7	1	CAP-FXD 0.47uF 35 V TA	08097	173D474X9035U
C48	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C49	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C50	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X
C51	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X

*Indicates factory-selected value

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C52	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C53	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C54	0160-4831	3	1	CAP-FXD 4700pF 100 V	02010	SA101C472KAAH
C55	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X
C56	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X
C57	0160-4831	3	1	CAP-FXD 4700pF 100 V	02010	SA101C472KAAH
C59	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C60	0160-4822	2	1	CAP-FXD 1000pF 100 V	02010	SA201A102JAAH
C61	0160-4834	6	1	CAP-FXD 0.047uF 100 V	02010	SA301C473KAAH
C62	0160-4834	6	1	CAP-FXD 0.047uF 100 V	02010	SA301C473KAAH
C101	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C102	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C103	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C104	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C105	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C106	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C107	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
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
C110	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C111	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C113	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C114	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
CR1	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR2	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR3	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR4	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR5	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR6	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
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
J1	1251-8912	3	1	CONN-POST TYPE .100-PIN-SPCG 60-CONT	01380	534204-5
J2	1252-2260	4	1	CONN-POST TYPE .100-PIN-SPCG 8-CONT	02946	78207-108
J3	1252-3106	9	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	02946	68451-158
J4	1252-1470	6	1	CONN-POST TYPE .100-PIN-SPCG 40-CONT	01380	103922-1
L1	9100-1622	7	1	INDUCTOR RF-CH-MLD 24UH +-5% .166D-INX.3	03273	15M242J
L2	9140-0736	6	1	INDUCTOR-FIXED L:200 UH MIN @ 0.35 ADC,1	04200	
L3	9140-0736	6	1	INDUCTOR-FIXED L:200 UH MIN @ 0.35 ADC,1	04200	
L5	9100-1788	6	1	CORE-FERRITE CHOKE-WIDEBAND IMP:680 OHM	01887	VK200 20/4B
MP2	1205-0095	0	1	HEAT SINK SGL TO-5/TO-39-CS	02608	2225B
MP3	1205-0639	8	1	HEAT SINK SGL TO-220-CS	07179	5910B
MP4	0380-1842	6	3	STANDOFF-RVT-ON 8-MM-LG M3.0 X 0.5-THD	02121	
MP5	5021-8654	7	1	STANDOFF RF	28480	5021-8654
MP6	5021-8657	0	1	NUT STANDOFF	28480	5021-8657
MP7	0380-1242	0	4	STANDOFF-RVT-ON 20-MM-LG M3.0 X 0.5-THD	02121	
Q1	1854-0456	2	1	TRANSISTOR NPN SI PD=65W FT=3MHZ	01698	TIP41A
Q3	1855-0417	7	1	TRANSISTOR J-FET N-CHAN D-MODE TO-18 SI	02037	

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
Q4	1855-0686	2	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-92 SI	02883	VP0300L(SEL)
Q5	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE TO	02037	2N4391
Q6	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW FT=300M	00746	2N3904
Q7	1855-0414	4	1	TRANSISTOR J-FET 2N4393 N-CHAN D-MODE TO	02037	2N4393
Q8	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE TO	02037	2N4391
Q9	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE TO	02037	2N4391
Q10	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE TO	02037	2N4391
Q101	1853-0036	2	1	TRANSISTOR PNP SI PD=310MW FT=250MHZ	02037	2N3906(SEL)
R1	0698-6624	5	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R2	0698-6624	5	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R5	0698-6343	5	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R6	0698-6344	6	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R7	0698-6323	1	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R8	0698-6353	7	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R9	0698-6353	7	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R10	0699-1909	1	1	RESISTOR 2.31K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R11	0698-6322	0	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R12	0698-6322	0	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R13	0698-8907	1	1	RESISTOR 320 +-0.25% .25W TF TC=0+-50	01074	H4
R14	0757-0417	8	1	RESISTOR 562 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R15	0698-3440	7	1	RESISTOR 196 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R16	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R17	0698-6343	5	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R18	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R20	0698-3334	8	1	RESISTOR 178 1% .5W TF TC=0+-100	01074	H2
R21	0698-6624	5	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R22	0698-6624	5	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R23	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	00746	CRB20
R24	0699-0233	2	1	RESISTOR 3.4K +-0.1% .1W TF TC=0+-5	02995	5023Z
R25	0699-1865	8	1	RESISTOR 3K +-0.1% .1W TF TC=0+-10	02995	5023Z
R26	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R27	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R28	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R29	0699-0098	7	1	RESISTOR 6K +-0.1% .1W TF TC=0+-15	02995	5023Z
R30	0699-1866	9	1	RESISTOR 2.7K +-0.1% .1W TF TC=0+-10	02995	5023Z
R31	0699-1910	4	1	RESISTOR 691.2K +-0.1% .125W TF TC=0+-25	01074	H8
R32	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R33	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R36	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R37	0699-1865	8	1	RESISTOR 3K +-0.1% .1W TF TC=0+-10	02995	5023Z
R38	0699-2265	4	1	RESISTOR 200 +-0.1% .5W TF TC=0+-10	02995	5043ZB200RB-13
R39	0699-2265	4	1	RESISTOR 200 +-0.1% .5W TF TC=0+-10	02995	5043ZB200RB-13
R40	0699-2265	4	1	RESISTOR 200 +-0.1% .5W TF TC=0+-10	02995	5043ZB200RB-13
R41	0699-2265	4	1	RESISTOR 200 +-0.1% .5W TF TC=0+-10	02995	5043ZB200RB-13
R42	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R43	0698-3438	3	1	RESISTOR 147 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R44	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R45	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25

**Indicates factory-selected value*

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R46	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R47	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R48	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R49	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R51	0698-0084	9	1	RESISTOR 2.15K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R54	0698-6358	2	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R55	0698-6355	9	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R57	0698-0084	9	1	RESISTOR 2.15K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R58	0698-3155	1	1	RESISTOR 4.64K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R59	0757-0199	3	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R60	0698-3153	9	1	RESISTOR 3.83K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R61	0699-1910	4	1	RESISTOR 691.2K +-0.1% .125W TF TC=0+-25	01074	H8
R63	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R64	0698-8838	7	1	RESISTOR 3.52K +-0.1% .125W TF TC=0+-10	02995	5033Z
R65	0698-3942	4	1	RESISTOR 69.8K .1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R66	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R68	0757-0795	5	1	RESISTOR 75 +-1% .5W TF TC=0+-100	01074	H2
R69	0757-0477	0	1	RESISTOR 332K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R70	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20
R71	0698-3429	2	1	RESISTOR 19.6 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R72	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	00746	CRB20
R73	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R103	0698-6619	8	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R104	0698-6619	8	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R105	0698-6619	8	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R106	0698-6619	8	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R107	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R110	0757-0458	7	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R111	0757-0439	4	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R112	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R113	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R114	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R115	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R117	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R118	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
TP1	0360-1682	0	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
TP2	0360-1682	0	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
U1	1820-3079	0	1	IC DCDR CMOS/74HC BIN 3-TO-8-LINE	02037	MC74HC138N
U2	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U3	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U4	1826-1386	0	1	D/A 12-BIT 18-PLASTIC CMOS	03285	AD7541AKN
U5	1826-1933	3	1	D/A 12-BIT 24-PLASTIC CMOS	03285	AD7547KN
U6	1826-1933	3	1	D/A 12-BIT 24-PLASTIC CMOS	03285	AD7547KN
U8	1826-1436	1	1	IC OP AMP PRCN DUAL 8-DIP-C PKG	10858	LT1013ACJ8
U9	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U10	1826-1436	1	1	IC OP AMP PRCN DUAL 8-DIP-C PKG	10858	LT1013ACJ8
U11	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J

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U12	1826-1969	5	1	IC OP AMP LOW-DRIFT DUAL 8-DIP-C PKG	03285	AD708AQ
U14	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	02180	SW-01FQ
U15	1826-0610	1	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	02180	MUX-24FQ
U16	1826-0610	1	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	02180	MUX-24FQ
U17	1826-0609	8	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	02180	MUX-08FQ
U18	1826-1048	1	2	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U20	1826-0915	9	1	IC OP AMP LOW-BIAS-H-IMPD 8-DIP-C PKG	01698	TL071ACJG (PER HP DWG)
U21	1826-1049	2	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-27GZ
U22	1826-1459	8	1	IC OP AMP CUR 14-DIP-C PKG	02180	OP-50FY
U24	1820-3079	0	1	IC DCDR CMOS/74HC BIN 3-TO-8-LINE	02037	MC74HC138N
U25	1826-1514	6	1	IC V RGLTR-V-REF-FXD 9.95/10.05V 8-DIP-P	10858	LT1021BCN8-10
U26	1826-1048	1	2	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U27	1826-1048	1	2	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U28	1826-0496	1	1	IC V RGLTR-FXD-NEG -4.8/-5.2V TO-39 PKG	02037	MC79L05ACG
U29	1826-1048	1	2	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U30	1826-1048	1	2	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U31	1826-1186	8	1	ANALOG SWITCH 4 SPST 16 -CERDIP	02180	SW-06GQ
U32	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8-DIP-C	01698	TL072ACJG
U101	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U102	1826-1253	0	1	D/A 18-CERDIP BPLR	02180	DAC-86EX
U103	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U104	1826-1253	0	1	D/A 18-CERDIP BPLR	02180	DAC-86EX
U105	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U106	1826-1253	0	1	D/A 18-CERDIP BPLR	02180	DAC-86EX
U107	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U108	1826-0759	9	1	IC COMPARATOR GP QUAD 14-DIP-C PKG	02037	LM339J
U109	1858-0074	8	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02037	MPQ6100
U110	1858-0047	5	1	TRANSISTOR ARRAY 16-PIN PLSTC DIP	02037	
U111	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
VR1	1902-3160	4	1	DIODE-ZNR 10V 2% DO-35 PD=.4W TC=+.06%	02037	
VR3	1902-0950	4	1	DIODE-ZNR 4.7V 5% DO-35 PD=.4W TC=+.025%	02037	
VR4	1902-0962	8	1	DIODE-ZNR 15V 5% DO-35 PD=.4W TC=+.087%	02037	
VR101	1902-0958	2	1	DIODE-ZNR 10V 5% DO-35 PD=.4W TC=+.075%	02037	
W1	8159-0005	0	1	RESISTOR-ZERO OHMS 22 AWG LEAD DIA	01339	L-2007-1

**Indicates factory-selected value*

