

**Component-Level Information Packet
for 08590-60105
Amplitude Control**

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HP Part Number 08590-60105
Amplitude Control

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
A12	08590-60105	7	1	BD AY-AMPTD CONT	28480	08590-60105
C1	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C2	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C3	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C4	0160-4789	0	1	CAPACITOR-FXD 15PF +-5% 100VDC CER 0+-30	04222	SA102A150JAAH
C5	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C6	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C7	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C8	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C9	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C10	0160-4789	0	1	CAPACITOR-FXD 15PF +-5% 100VDC CER 0+-30	04222	SA102A150JAAH
C11	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C12	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C13	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C14	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C15	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C16	0160-4789	0	1	CAPACITOR-FXD 15PF +-5% 100VDC CER 0+-30	04222	SA102A150JAAH
C17	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C18	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C19	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C20	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C21	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C22	0160-4789	0	1	CAPACITOR-FXD 15PF +-5% 100VDC CER 0+-30	04222	SA102A150JAAH
C23	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C24	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C25	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C26	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C27	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C28	0160-4789	0	1	CAPACITOR-FXD 15PF +-5% 100VDC CER 0+-30	04222	SA102A150JAAH
C29	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C30	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C31	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C32	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C34	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C35	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C36	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C37	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C38	0160-4789	0	1	CAPACITOR-FXD 15PF +-5% 100VDC CER 0+-30	04222	SA102A150JAAH
C39	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C40	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C41	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C42	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C43	0160-4789	0	1	CAPACITOR-FXD 15PF +-5% 100VDC CER 0+-30	04222	SA102A150JAAH
C44	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C45	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C46	0160-4554	7	1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH

**Indicates factory-selected value*

HP Part Number 08590-60105
Amplitude Control

Reference Designation	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
C47	0160-4554	7		1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C48	0160-4554	7		1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C49	0160-4554	7		1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C50	0160-4554	7		1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C51	0160-4554	7		1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
C52	0160-4554	7		1	CAPACITOR-FXD .01UF +-20% 50VDC CER	04222	SA105C103MAAH
CR1	1901-1117	5		1	DIODE-SWITCHING 30V	2M627	1SS135
CR2	1901-1117	5		1	DIODE-SWITCHING 30V	2M627	1SS135
CR3	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR4	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR5	1901-1117	5		1	DIODE-SWITCHING 30V	2M627	1SS135
CR6	1901-1117	5		1	DIODE-SWITCHING 30V	2M627	1SS135
CR7	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR8	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR9	1901-1117	5		1	DIODE-SWITCHING 30V	2M627	1SS135
CR10	1901-1117	5		1	DIODE-SWITCHING 30V	2M627	1SS135
CR11	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR12	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR13	1901-1117	5		1	DIODE-SWITCHING 30V	2M627	1SS135
CR14	1901-1117	5		1	DIODE-SWITCHING 30V	2M627	1SS135
CR15	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR16	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR17	1901-1117	5		1	DIODE-SWITCHING 30V	2M627	1SS135
CR18	1901-1117	5		1	DIODE-SWITCHING 30V	2M627	1SS135
CR19	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR20	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR21	1901-1117	5		1	DIODE-SWITCHING 30V	2M627	1SS135
CR22	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR23	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR24	1901-1117	5		1	DIODE-SWITCHING 30V	2M627	1SS135
CR25	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR26	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR27	1901-1117	5		1	DIODE-SWITCHING 30V	2M627	1SS135
CR28	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR29	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR30	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR31	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	9N171	1N4150
CR32	1901-0539	3		1	DIODE-SCHOTTKY SM SIG		
CR33	1901-0539	3		1	DIODE-SCHOTTKY SM SIG		
CR34	1901-0539	3		1	DIODE-SCHOTTKY SM SIG		
J1	1252-2816	6		1	CONNECTOR MODU 20 F2R	00779	5-87729-6
J2	1252-2816	6		1	CONNECTOR MODU 20 F2R	00779	5-87729-6
L1	9100-3313	7		1	INDUCTOR RF-CH-MLD 22UH +-5% .166D-INX.3	24226	15M222J
L2	9100-3313	7		1	INDUCTOR RF-CH-MLD 22UH +-5% .166D-INX.3	24226	15M222J
L3	9100-3313	7		1	INDUCTOR RF-CH-MLD 22UH +-5% .166D-INX.3	24226	15M222J
R1	0757-0346	2		1	RESISTOR 10 1% .125W TF TC=0+-100	91637	CMF-55-1, T-1
R2	0757-0442	9		1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H
R3	0757-0442	9		1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H

HP Part Number 08590-60105
Amplitude Control

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R4	0698-0082	7	1	RESISTOR 464 1% .125W TF TC=0+-100	19701	SFR25H
R5	0698-3132	4	1	RESISTOR 261 1% .125W TF TC=0+-100	19701	SFR25H
R6	0757-0394	0	1	RESISTOR 51.1 1% .125W TF TC=0+-100	19701	SFR25H
R7	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R8	0698-3132	4	1	RESISTOR 261 1% .125W TF TC=0+-100	19701	SFR25H
R9	0698-6774	6	1	RESISTOR 150 .1% .125W TF TC=0+-25	19701	5033R
R10	0698-6323	1	1	RESISTOR 100 .1% .125W TF TC=0+-25	91637	CMF-55-1, T-9
R11	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R12	0698-3445	2	1	RESISTOR 348 1% .125W TF TC=0+-100	19701	SFR25H
R13	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R14	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R15	0757-0346	2	1	RESISTOR 10 1% .125W TF TC=0+-100	91637	CMF-55-1, T-1
R16	0757-0442	9	1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H
R17	0757-0442	9	1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H
R18	0698-0082	7	1	RESISTOR 464 1% .125W TF TC=0+-100	19701	SFR25H
R19	0698-3132	4	1	RESISTOR 261 1% .125W TF TC=0+-100	19701	SFR25H
R20	0757-0394	0	1	RESISTOR 51.1 1% .125W TF TC=0+-100	19701	SFR25H
R21	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R22	0698-3132	4	1	RESISTOR 261 1% .125W TF TC=0+-100	19701	SFR25H
R23	0699-0689	2	1	RESISTOR 88.5 .1% .125W TF TC=0+-25	K8479	H8
R24	0698-6774	6	1	RESISTOR 150 .1% .125W TF TC=0+-25	19701	5033R
R25	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R26	0698-3445	2	1	RESISTOR 348 1% .125W TF TC=0+-100	19701	SFR25H
R27	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R28	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R29	0757-0346	2	1	RESISTOR 10 1% .125W TF TC=0+-100	91637	CMF-55-1, T-1
R30	0757-0442	9	1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H
R31	0757-0442	9	1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H
R32	0698-0082	7	1	RESISTOR 464 1% .125W TF TC=0+-100	19701	SFR25H
R33	0698-3132	4	1	RESISTOR 261 1% .125W TF TC=0+-100	19701	SFR25H
R34	0757-0394	0	1	RESISTOR 51.1 1% .125W TF TC=0+-100	19701	SFR25H
R35	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R36	0698-3132	4	1	RESISTOR 261 1% .125W TF TC=0+-100	19701	SFR25H
R37	0698-7644	1	1	RESISTOR 215 .1% .125W TF TC=0+-25	19701	5033R
R38	0698-6354	8	1	RESISTOR 40 .1% .125W TF TC=0+-25	19701	5033R
R39	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R40	0698-3445	2	1	RESISTOR 348 1% .125W TF TC=0+-100	19701	SFR25H
R41	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R42	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R43	0757-0346	2	1	RESISTOR 10 1% .125W TF TC=0+-100	91637	CMF-55-1, T-1
R44	0757-0442	9	1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H
R45	0757-0442	9	1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H
R46	0698-0082	7	1	RESISTOR 464 1% .125W TF TC=0+-100	19701	SFR25H
R47	0698-3132	4	1	RESISTOR 261 1% .125W TF TC=0+-100	19701	SFR25H
R48	0757-0394	0	1	RESISTOR 51.1 1% .125W TF TC=0+-100	19701	SFR25H
R49	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R50	0698-3132	4	1	RESISTOR 261 1% .125W TF TC=0+-100	19701	SFR25H

**Indicates factory-selected value*

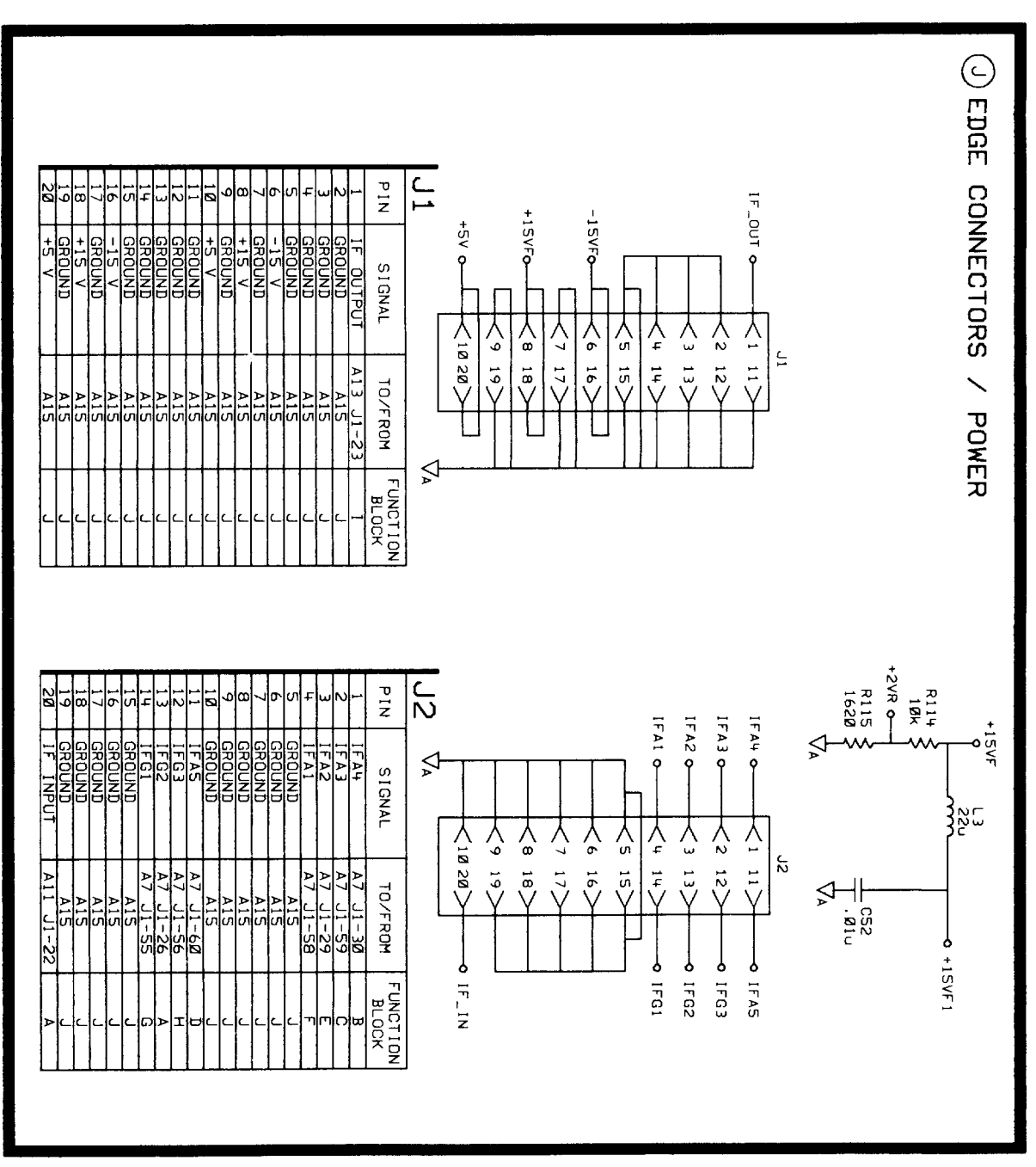
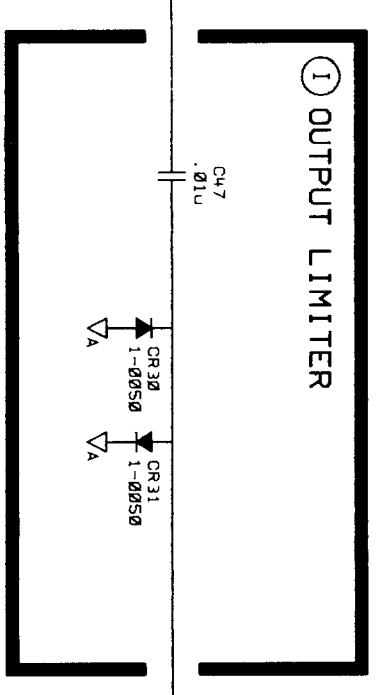
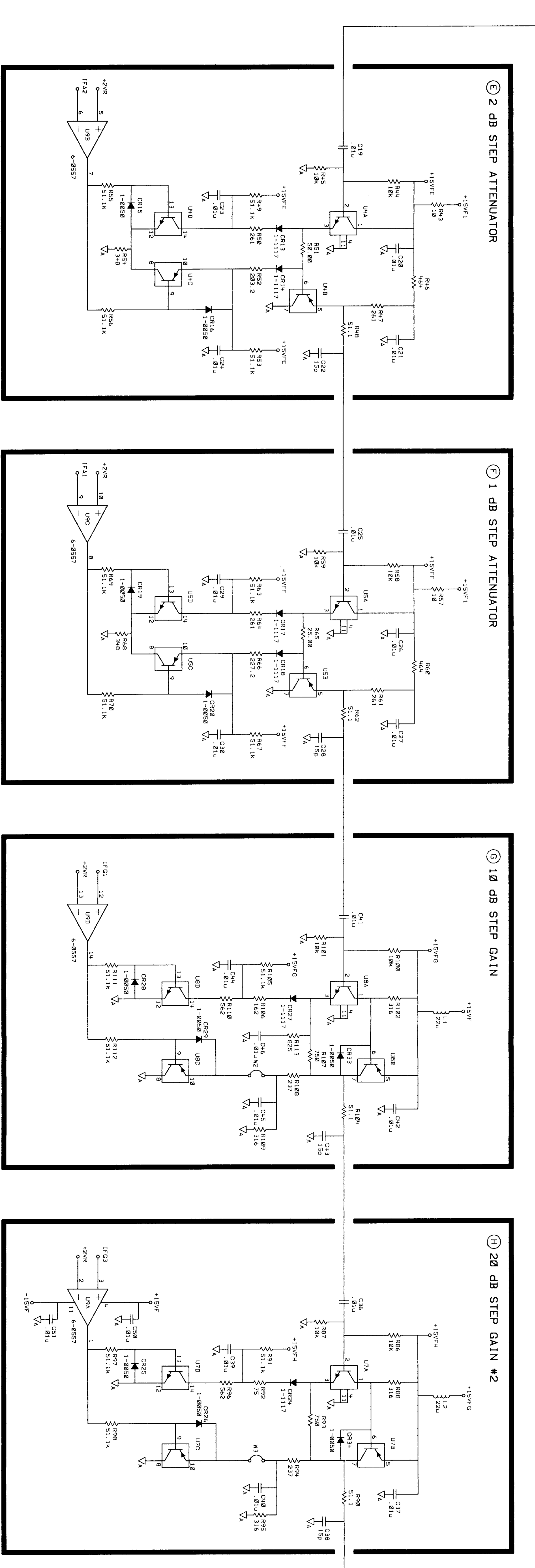
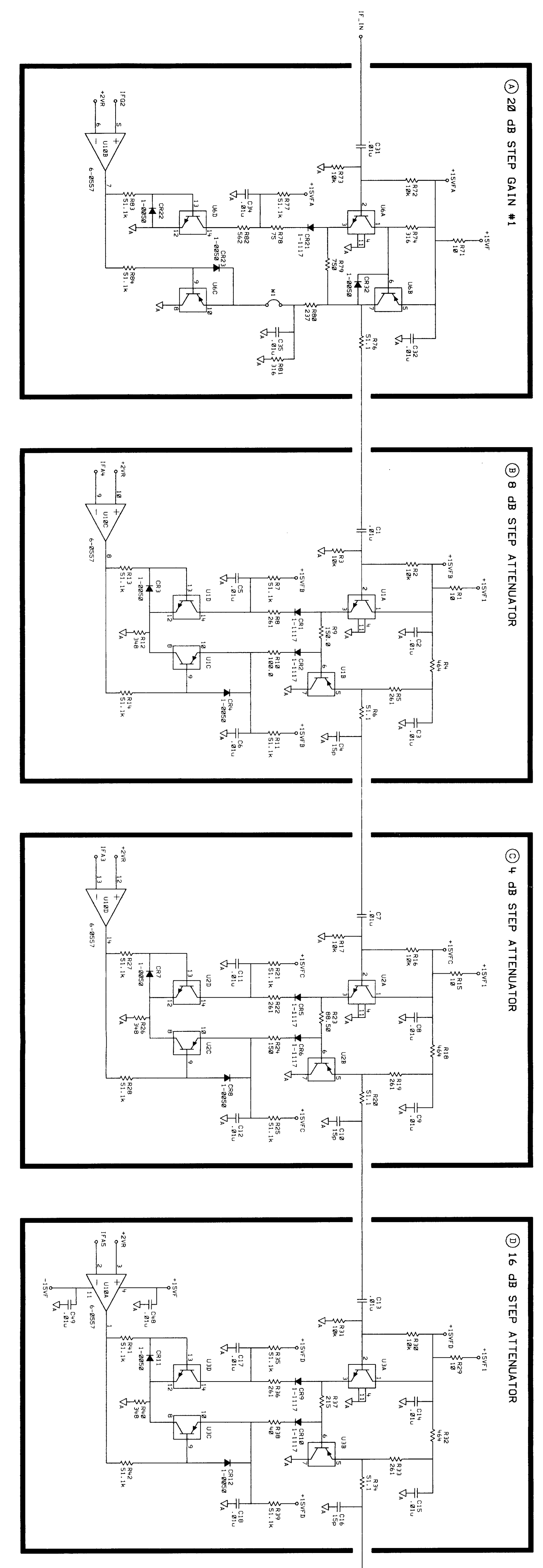
HP Part Number 08590-60105
Amplitude Control

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R51	0698-6364	0	1	RESISTOR 50 .1% .125W TF TC=0+-25	19701	5033R
R52	0699-1637	2	1	RESISTOR 203.2 .1% .125W TF TC=0+-25	19701	5033R
R53	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R54	0698-3445	2	1	RESISTOR 348 1% .125W TF TC=0+-100	19701	SFR25H
R55	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R56	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R57	0757-0346	2	1	RESISTOR 10 1% .125W TF TC=0+-100	91637	CMF-55-1, T-1
R58	0757-0442	9	1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H
R59	0757-0442	9	1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H
R60	0698-0082	7	1	RESISTOR 464 1% .125W TF TC=0+-100	19701	SFR25H
R61	0698-3132	4	1	RESISTOR 261 1% .125W TF TC=0+-100	19701	SFR25H
R62	0757-0394	0	1	RESISTOR 51.1 1% .125W TF TC=0+-100	19701	SFR25H
R63	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R64	0698-3132	4	1	RESISTOR 261 1% .125W TF TC=0+-100	19701	SFR25H
R65	0699-0966	8	1	RESISTOR 25 .1% .125W TF TC=0+-25	K8479	H8
R66	0699-0992	0	1	RESISTOR 227.2 .1% .125W TF TC=0+-25	K8479	H8
R67	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R68	0698-3445	2	1	RESISTOR 348 1% .125W TF TC=0+-100	19701	SFR25H
R69	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R70	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R71	0757-0346	2	1	RESISTOR 10 1% .125W TF TC=0+-100	91637	CMF-55-1, T-1
R72	0757-0442	9	1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H
R73	0757-0442	9	1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H
R74	0698-3444	1	1	RESISTOR 316 1% .125W TF TC=0+-100	19701	SFR25H
R76	0757-0394	0	1	RESISTOR 51.1 1% .125W TF TC=0+-100	19701	SFR25H
R77	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R78	0757-0398	4	1	RESISTOR 75 1% .125W TF TC=0+-100	19701	SFR25H
R79	0757-0420	3	1	RESISTOR 750 1% .125W TF TC=0+-100	19701	SFR25H
R80	0698-3442	9	1	RESISTOR 237 1% .125W TF TC=0+-100	19701	SFR25H
R81	0698-3444	1	1	RESISTOR 316 1% .125W TF TC=0+-100	19701	SFR25H
R82	0757-0417	8	1	RESISTOR 562 1% .125W TF TC=0+-100	19701	SFR25H
R83	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R84	0698-727	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R86	0757-0442	9	1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H
R87	0757-0442	9	1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H
R88	0698-3444	1	1	RESISTOR 316 1% .125W TF TC=0+-100	19701	SFR25H
R90	0757-0394	0	1	RESISTOR 51.1 1% .125W TF TC=0+-100	19701	SFR25H
R91	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R92	0757-0398	4	1	RESISTOR 75 1% .125W TF TC=0+-100	19701	SFR25H
R93	0757-0420	3	1	RESISTOR 750 1% .125W TF TC=0+-100	19701	SFR25H
R94	0698-3442	9	1	RESISTOR 237 1% .125W TF TC=0+-100	19701	SFR25H
R95	0698-3444	1	1	RESISTOR 316 1% .125W TF TC=0+-100	19701	SFR25H
R96	0757-0417	8	1	RESISTOR 562 1% .125W TF TC=0+-100	19701	SFR25H
R97	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R98	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R100	0757-0442	9	1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H
R101	0757-0442	9	1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H
R102	0698-3444	1	1	RESISTOR 316 1% .125W TF TC=0+-100	19701	SFR25H

HP Part Number 08590-60105
Amplitude Control

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R104	0757-0394	0	1	RESISTOR 51.1 1% .125W TF TC=0+-100	19701	SFR25H
R105	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R106	0757-0405	4	1	RESISTOR 162 1% .125W TF TC=0+-100	19701	SFR25H
R107	0757-0420	3	1	RESISTOR 750 1% .125W TF TC=0+-100	19701	SFR25H
R108	0698-3442	9	1	RESISTOR 237 1% .125W TF TC=0+-100	19701	SFR25H
R109	0698-3444	1	1	RESISTOR 316 1% .125W TF TC=0+-100	19701	SFR25H
R110	0757-0417	8	1	RESISTOR 562 1% .125W TF TC=0+-100	19701	SFR25H
R111	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R112	0698-7277	6	1	RESISTOR 51.1K 1% .05W TF TC=0+-100	19701	5023R
R113	0757-0421	4	1	RESISTOR 825 1% .125W TF TC=0+-100	19701	SFR25H
R114	0757-0442	9	1	RESISTOR 10K 1% .125W TF TC=0+-100	19701	SFR25H
R115	0757-0428	1	1	RESISTOR 1.62K 1% .125W TF TC=0+-100	19701	SFR25H
U1	1820-1804	5	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	04713	MPQ6842
U2	1820-1804	5	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	04713	MPQ6842
U3	1820-1804	5	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	04713	MPQ6842
U4	1820-1804	5	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	04713	MPQ6842
U5	1820-1804	5	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	04713	MPQ6842
U6	1820-1804	5	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	04713	MPQ6842
U7	1820-1804	5	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	04713	MPQ6842
U8	1820-1804	5	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	04713	MPQ6842
U9	1826-0557	5	1	IC OP AMP GP QUAD 14-DIP-C PKG	27014	LM348J
U10	1826-0557	5	1	IC OP AMP GP QUAD 14-DIP-C PKG	27014	LM348J
W1	8159-0005	0	1	RESISTOR-ZERO OHMS 22 AWG LEAD DIA	55210	L-2007-1
W2	8159-0005	0	1	RESISTOR-ZERO OHMS 22 AWG LEAD DIA	55210	L-2007-1
W3	8159-0005	0	1	RESISTOR-ZERO OHMS 22 AWG LEAD DIA	55210	L-2007-1

**Indicates factory-selected value*



GAIN CONTROL TABLE

INSTRUMENT SETTINGS:

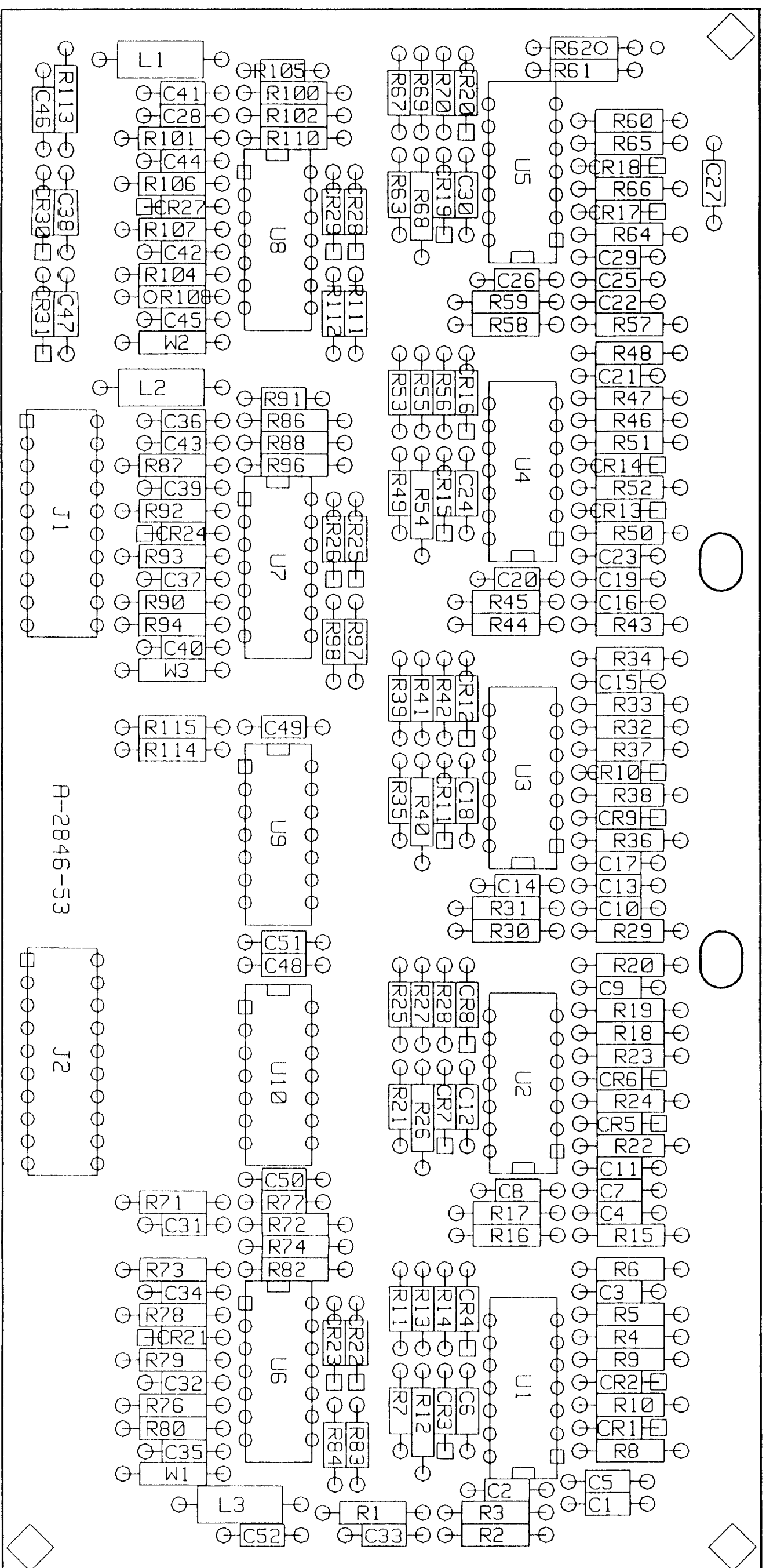
- INSTRUMENT PRESET
- BANDWIDTH BAND 0 (ZEROS ONLY)
- RF INPUT ATTENUATION = 10 DB
- HF / IS LOGICAL HIGH = 2.5 VOLTS
- IS LOGICAL LOW = 0.9 VOLTS

REFERENCE / LEVEL (dBm)	ATTEN (dB)	GAIN (dB)	FUNCTION
0	0	0	16 DB STEP ATTENUATOR
0	4	4	4 DB STEP ATTENUATOR
0	8	8	8 DB STEP ATTENUATOR
0	12	12	10 DB STEP ATTENUATOR
0	16	16	20 DB STEP ATTENUATOR #2
0	20	20	20 DB STEP ATTENUATOR #1
-2	0	-2	16 DB STEP ATTENUATOR
-2	4	-2	4 DB STEP ATTENUATOR
-2	8	-2	8 DB STEP ATTENUATOR
-2	12	-2	10 DB STEP ATTENUATOR
-2	16	-2	20 DB STEP ATTENUATOR #2
-2	20	-2	20 DB STEP ATTENUATOR #1
-4	0	-4	16 DB STEP ATTENUATOR
-4	4	-4	4 DB STEP ATTENUATOR
-4	8	-4	8 DB STEP ATTENUATOR
-4	12	-4	10 DB STEP ATTENUATOR
-4	16	-4	20 DB STEP ATTENUATOR #2
-4	20	-4	20 DB STEP ATTENUATOR #1
-6	0	-6	16 DB STEP ATTENUATOR
-6	4	-6	4 DB STEP ATTENUATOR
-6	8	-6	8 DB STEP ATTENUATOR
-6	12	-6	10 DB STEP ATTENUATOR
-6	16	-6	20 DB STEP ATTENUATOR #2
-6	20	-6	20 DB STEP ATTENUATOR #1
-8	0	-8	16 DB STEP ATTENUATOR
-8	4	-8	4 DB STEP ATTENUATOR
-8	8	-8	8 DB STEP ATTENUATOR
-8	12	-8	10 DB STEP ATTENUATOR
-8	16	-8	20 DB STEP ATTENUATOR #2
-8	20	-8	20 DB STEP ATTENUATOR #1
-10	0	-10	16 DB STEP ATTENUATOR
-10	4	-10	4 DB STEP ATTENUATOR
-10	8	-10	8 DB STEP ATTENUATOR
-10	12	-10	10 DB STEP ATTENUATOR
-10	16	-10	20 DB STEP ATTENUATOR #2
-10	20	-10	20 DB STEP ATTENUATOR #1
-12	0	-12	16 DB STEP ATTENUATOR
-12	4	-12	4 DB STEP ATTENUATOR
-12	8	-12	8 DB STEP ATTENUATOR
-12	12	-12	10 DB STEP ATTENUATOR
-12	16	-12	20 DB STEP ATTENUATOR #2
-12	20	-12	20 DB STEP ATTENUATOR #1
-14	0	-14	16 DB STEP ATTENUATOR
-14	4	-14	4 DB STEP ATTENUATOR
-14	8	-14	8 DB STEP ATTENUATOR
-14	12	-14	10 DB STEP ATTENUATOR
-14	16	-14	20 DB STEP ATTENUATOR #2
-14	20	-14	20 DB STEP ATTENUATOR #1
-16	0	-16	16 DB STEP ATTENUATOR
-16	4	-16	4 DB STEP ATTENUATOR
-16	8	-16	8 DB STEP ATTENUATOR
-16	12	-16	10 DB STEP ATTENUATOR
-16	16	-16	20 DB STEP ATTENUATOR #2
-16	20	-16	20 DB STEP ATTENUATOR #1
-18	0	-18	16 DB STEP ATTENUATOR
-18	4	-18	4 DB STEP ATTENUATOR
-18	8	-18	8 DB STEP ATTENUATOR
-18	12	-18	10 DB STEP ATTENUATOR
-18	16	-18	20 DB STEP ATTENUATOR #2
-18	20	-18	20 DB STEP ATTENUATOR #1
-20	0	-20	16 DB STEP ATTENUATOR
-20	4	-20	4 DB STEP ATTENUATOR
-20	8	-20	8 DB STEP ATTENUATOR
-20	12	-20	10 DB STEP ATTENUATOR
-20	16	-20	20 DB STEP ATTENUATOR #2
-20	20	-20	20 DB STEP ATTENUATOR #1

NOTES:

- REFERENCE DESIGNATORS WITHIN PREFIX APPROPRIATION WITH ASSEMBLY DESIGNATION
- UNLESS OTHERWISE INDICATED: RESISTANCE IN OHMS (R), KILOHMS (K), MEGOHMS (M), INDUCTANCE IN MICROHENRIES (U), CAPACITANCE IN MICROFARADS (U)
- REFERENCE DESIGNATORS NOT USED: C23 R95 R99 R99 R183
- MEMORIC TABLE

REFERENCE / MEMORIC	DESCRIPTION
U4A	1 DB ATEN CONTROL
U4B	4 DB ATEN CONTROL
U4C	8 DB ATEN CONTROL
U4D	10 DB ATEN CONTROL
U4E	20 DB ATEN CONTROL
U4F	20 DB STEP CONTROL
U4G	20 DB STEP CONTROL
U4H	20 DB STEP CONTROL
U4I	20 DB STEP CONTROL
U4J	20 DB STEP CONTROL
U4K	20 DB STEP CONTROL
U4L	20 DB STEP CONTROL
U4M	20 DB STEP CONTROL
U4N	20 DB STEP CONTROL
U4O	20 DB STEP CONTROL
U4P	20 DB STEP CONTROL
U4Q	20 DB STEP CONTROL
U4R	20 DB STEP CONTROL
U4S	20 DB STEP CONTROL
U4T	20 DB STEP CONTROL
U4U	20 DB STEP CONTROL
U4V	20 DB STEP CONTROL
U4W	20 DB STEP CONTROL
U4X	20 DB STEP CONTROL
U4Y	20 DB STEP CONTROL
U4Z	20 DB STEP CONTROL



NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE IN INCHES.
2. MAXIMUM COMPONENT HEIGHT .400.
3. MAXIMUM LEAD TRIM .100.
4. CHECK FOR MODIFICATIONS IN THE P.C. LINE ASSEMBLY DOCUMENTATION MANUAL A-085590-A12.