

Component-Level Information Packet
for 08595-60001
Analog Interface for HP 8595A

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HP Part Number 08595-60001
Analog Interface

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
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
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%
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	0160-4835	7		1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C37	0160-4831	3		1	CAP-FXD 4700pF 100 V	02010	SA101C472KAAH
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
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
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	0180-3635	5		1	CAP-FXD 470uF 25 V AL-ELCTLT	00493	SR25VB471M12.5X15
C57	0160-4831	3		1	CAP-FXD 4700pF 100 V	02010	SA101C472KAAH
C58	0180-3635	5		1	CAP-FXD 470uF 25 V AL-ELCTLT	00493	SR25VB471M12.5X15
C59	0160-4832	4		1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH

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C60	0160-4822	2	1	CAP-FXD 1000pF 100 V	02010	SA201A102JAAH
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
C112	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
C201	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C202	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C203	0160-5408	2	1	CAP-FXD 75pF 100 V	02010	SA102A750JAAH
C204	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C205	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C206	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C207	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X
C208	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C209	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X
C210	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C211	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C301	0160-4800	6	1	CAP-FXD 120pF 100 V	02010	SA102A121JAAH
C302	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C303	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C304	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C305	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C306	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X
C307	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C308	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X
C309	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C310	0160-4682	2	1	CAP-FXD 1000pF 160 V POLYP-FL	03441	
C311	0160-4682	2	1	CAP-FXD 1000pF 160 V POLYP-FL	03441	
C312	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X
C313	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C314	0160-4800	6	1	CAP-FXD 120pF 100 V	02010	SA102A121JAAH
C315	0180-4132	9	1	CAP-FXD 6.8uF 35 V TA	04200	173D685X9035X
C316	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C317	0180-3635	5	1	CAP-FXD 470uF 25 V AL-ELCTLT	00493	SR25VB471M12.5X15
C318	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C319	0160-4574	1	1	CAP-FXD 1000pF 100 V	02010	SA101C102KAAH
C320	0180-3636	6	1	CAP-FXD 330uF 35 V AL-ELCTLT	00493	SR35VB331M12.5X15
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

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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
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	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR301	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR302	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03334	BAV10 SELECTED
CR401	1901-0734	0		1	DIODE-PWR RECT 1N5818 30V 1A	02037	1N5818
J1	1251-8912	3		1	CONN-POST TYPE .100-PIN-SPCG 60-CONT	01380	534204-5
J2	1252-2365	0		1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	02946	78207-110
J3	1251-7683	3		1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	01380	87227-5
J4	1252-2008	8		1	CONN-POST TYPE .100-PIN-SPCG 9-CONT	02946	68451-124
J5	1252-2028	2		1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	04726	3591-5022
J6	1250-0543	8		1	CONNECTOR-RF SM-SNP M PC 50-OHM	05769	51-053-0349-BE8
J7	1250-0257	1		1	CONNECTOR-RF SMB M PC-W-STDFS 50-OHM	02788	5162-5021-09
J301	1252-2153	4		1	CONN-POST TYPE .100-PIN-SPCG 4-CONT	02946	69167-104
L1	9140-0245	2		1	INDUCTOR 445MH .335D-INX.924LG-IN	03273	28M443J-1
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	
L4	9140-0736	6		1	INDUCTOR-FIXED L:200 UH MIN @ 0.35 ADC,1	04200	
L5	9140-0736	6		1	INDUCTOR-FIXED L:200 UH MIN @ 0.35 ADC,1	04200	
MP2	1205-0478	3		1	HEAT SINK SGL TO-220-CS	02608	6071B
MP3	1205-0677	4		1	HEAT SINK PLSTC-PWR-CS	02608	6072B-SM5
MP4	0380-1360	3		1	STANDOFF-HEX 8-MM-LG M3.0 X 0.5-THD	02121	
MP5	5021-8672	9		1	STANDOFF RF	28480	5021-8672
MP6	5021-8657	0		1	NUT STANDOFF	28480	5021-8657
MP7	0380-1842	6		3	STANDOFF-RVT-ON 8-MM-LG M3.0 X 0.5-THD	02121	
MP8	1205-0583	1		1	HEAT SINK SGL TO-5/TO-39-CS	02608	2215B-SS1
MP9	6040-0454	0			HEAT SINK COMPOUND SYNTH/REFRC	07477	520221J
MP10	9320-5784	6			LBL-LNE-PTR .65-IN-WD X .2-IN-LG	12532	1EW10R
Q1	1855-0646	4		1	TRANSISTOR MOSFET N-CHAN E-MODE TO-39 SI	03038	IRFF131
Q2	1854-0215	1		1	TRANSISTOR NPN SI TO-92 PD=625MW FT=300M	00746	2N3904
Q3	1855-0449	5		1	TRANSISTOR J-FET 2N5434 N-CHAN D-MODE TO	02883	
Q4	1855-0686	2		1	TRANSISTOR MOSFET P-CHAN E-MODE TO-92 SI	02883	VPO300L(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
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
Q202	1855-0292	6		1	TRANSISTOR J-FET 2N5432 N-CHAN D-MODE TO	02883	2N5432
Q301	1855-0517	8		1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220 S	02037	MTP8P10
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

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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	0699-0517	5	1	RESISTOR 5.621K +-0.1% .1W TF TC=0+4	02995	5023Z
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	0698-3446	3	1	RESISTOR 383 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
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	0698-3446	3	1	RESISTOR 383 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
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	0698-3904	8	1	RESISTOR 14.7K 1% .1W TF TC=0+-10	02995	5023Z
R25	0699-1269	6	1	RESISTOR 2.31K +-0.1% .1W TF TC=0+-10	02995	5023Z
R26	0699-0936	2	1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	02995	5023Z
R27	0698-5362	6	1	RESISTOR 1.477K +-0.1% .1W TF TC=0+-5	02995	5023Z
R28	0698-8831	0	1	RESISTOR 13.4K +-0.1% .125W TF TC=0+-10	02995	5033Z
R29	0699-0118	2	1	RESISTOR 20K +-0.1% .1W TF TC=0+-5	02995	5023Z
R30	0699-1146	8	1	RESISTOR 9.064K +-0.1% .1W TF TC=0+4	02995	5023Z
R31	0699-0936	2	1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	02995	5023Z
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	0698-3153	9	1	RESISTOR 3.83K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R37	0698-8877	4	1	RESISTOR 22.1K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R38	0699-1825	0	1	RESISTOR 50 +-1% .3W MF TC=0+-5	02091	RCK02A
R39	0699-1825	0	1	RESISTOR 50 +-1% .3W MF TC=0+-5	02091	RCK02A
R40	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R41	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R42	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	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
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

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R61	0757-0460	1		1	RESISTOR 61.9K +-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
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
R72	0698-7212	9		1	RESISTOR 100 +-1% .05W TF TC=0+-100	00746	CRB20
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
R201	0698-0083	8		1	RESISTOR 1.96K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R202	0698-6320	8		1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R203	0698-6320	8		1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R205	0698-6320	8		1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R206	0757-0394	0		1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R208	0757-0442	9		1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R209	0757-0280	3		1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R210	0757-0465	6		1	RESISTOR 100K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R211	0683-2015	9		1	RESISTOR 200 5% .25W CF TC=0-400	00746	R-25J
R212	0757-0442	9		1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R213	0757-0442	9		1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R214	0698-3446	3		1	RESISTOR 383 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R215	0757-0442	9		1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R216	0757-0280	3		1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R218	0698-7267	4		1	RESISTOR 19.6K +-1% .05W TF TC=0+-100	00746	CRB20
R220	0698-7228	7		1	RESISTOR 464 +-1% .05W TF TC=0+-100	00746	CRB20
R221	0757-0442	9		1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R222	0698-3446	3		1	RESISTOR 383 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R223	0757-0442	9		1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R301	0698-6343	5		1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R302	0698-6344	6		1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R303	0698-6323	1		1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R304	0698-6353	7		1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R305	0699-1147	9		1	RESISTOR 9.53K +-0.1% .1W TF TC=0+4	02995	5023Z
R306	0699-0936	2		1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	02995	5023Z
R307	0699-0936	2		1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	02995	5023Z
R308	0699-1268	5		1	RESISTOR 1.395K +-0.1% .1W TF TC=0+-10	02995	5023Z
R309	0698-7285	6		1	RESISTOR 110K +-1% .05W TF TC=0+-100	00746	CRB20
R310	0698-6406	1		1	RESISTOR 8.54K +-0.1% .1W TF TC=0+4	02995	5023Z
R311	0699-1866	9		1	RESISTOR 2.7K +-0.1% .1W TF TC=0+-10	02995	5023Z

*Indicates factory-selected value

HP Part Number 08595-60001
Analog Interface

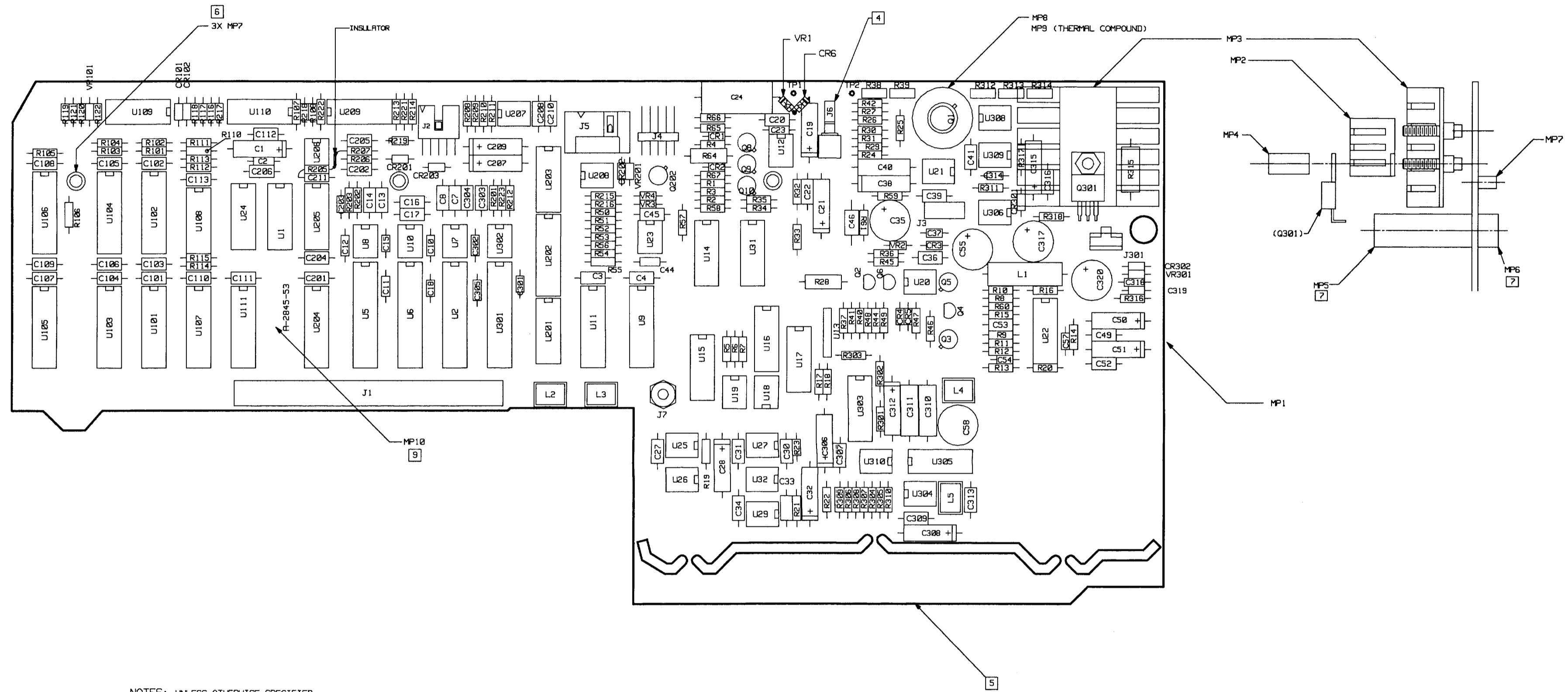
Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R312	0699-1823	8	1	RESISTOR 30 +-1% .3W MF TC=0+-5	02091	RCK02A
R313	0699-1823	8	1	RESISTOR 30 +-1% .3W MF TC=0+-5	02091	RCK02A
R314	0699-1823	8	1	RESISTOR 30 +-1% .3W MF TC=0+-5	02091	RCK02A
R315	0811-1084	3	1	RESISTOR 22 +-5% 3W PWI TC=0+-30	01854	T2B-79
R316	0698-3160	8	1	RESISTOR 31.6K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R317	0698-8625	0	1	RESISTOR 1K +-0.1% .1W TF TC=0+-5	02995	5023Z
R318	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R401	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R402	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	00746	CRB20
R403	0698-7267	4	1	RESISTOR 19.6K +-1% .05W TF TC=0+-100	00746	CRB20
R404	0698-7267	4	1	RESISTOR 19.6K +-1% .05W TF TC=0+-100	00746	CRB20
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	1826-1933	3	1	D/A 12-BIT 24-PLASTIC CMOS	03285	AD7547KN
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
U7	1826-1436	1	1	IC OP AMP PRCN DUAL 8-DIP-C PKG	10858	LT1013ACJ8
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
U12	1826-1969	5	1	IC OP AMP LOW-DRIFT DUAL 8-DIP-C PKG	03285	AD708AQ
U13	1810-0318	3	1	NETWORK-RES 6-SIP 1.0K OHM X 5	02483	750-61
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	1826-1436	1	1	IC OP AMP PRCN DUAL 8-DIP-C PKG	10858	LT1013ACJ8
U19	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U20	1826-0915	9	1	IC OP AMP LOW-BIAS-H-IMP 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
U23	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
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	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U27	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U29	1826-1048	1	1	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	1826-0915	9	1	IC OP AMP LOW-BIAS-H-IMP 8-DIP-C PKG	01698	TL071ACJG (PER HP DWG)
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

HP Part Number 08595-60001
Analog Interface

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
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	1820-0471	0	1	IC DRVR TTL BUS HEX	01698	SN7406N
U111	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U201	1820-3146	2	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG COM	02037	MC74HC175N
U202	1820-5047	6	1	IC-INTERFACE DRVR BIPOLAR DISPLAY HIGH	04200	UDN2595A-1 (SELECTED)
U203	1858-0077	1	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02037	MPQ2222P
U204	1820-3565	9	1	IC FF CMOS/74HC D-TYPE POS-EDGE-TRIG OCT	02037	MC54HC374J
U205	1820-1934	2	1	D/A 8-BIT 16-CERDIP BPLR	02180	DAC-08EQ
U206	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U207	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U208	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U209	1858-0076	0	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02037	MPQ2907P
U301	1826-1933	3	1	D/A 12-BIT 24-PLASTIC CMOS	03285	AD7547KN
U302	1826-1436	1	1	IC OP AMP PRCN DUAL 8-DIP-C PKG	10858	LT1013ACJ8
U303	1826-0610	1	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	02180	MUX-24FQ
U304	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U305	1826-0988	6	1	SAMPLE AND HOLD 14 -CERDIP	02180	SMP-11GY
U306	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U308	1810-1079	5	1	NETWORK-RES 8-DIP 10.0K OHM X 4	01607	F08B103A
U309	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
U310	1826-1048	1	1	IC OP AMP PRCN 8-DIP-C PKG	02180	OP-07CZ
VR1	1902-3160	4	1	DIODE-ZNR 10V 2% D0-35 PD=.4W TC=+.06%	02037	
VR2	1902-0951	5	1	DIODE-ZNR 5.1V 5% D0-35 PD=.4W TC=+.035%	02037	
VR3	1902-0950	4	1	DIODE-ZNR 4.7V 5% D0-35 PD=.4W TC=+.025%	02037	
VR4	1902-0962	8	1	DIODE-ZNR 15V 5% D0-35 PD=.4W TC=+.087%	02037	
VR101	1902-0958	2	1	DIODE-ZNR 10V 5% D0-35 PD=.4W TC=+.075%	02037	
VR201	1902-0959	3	1	DIODE-ZNR 11V 5% D0-35 PD=.4W TC=+.076%	02037	
VR301	1902-0579	3	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	02037	

*Indicates factory-selected value

E-08595-6001-2	
SYM	REVISIONS
A	
APPROVED	DATE



- NOTES: UNLESS OTHERWISE SPECIFIED
- 1 DIMENSIONS ARE IN INCHES
 - 2 MAXIMUM COMPONENT HEIGHT .650
 - 3 MAXIMUM LEAD TRIM LENGTH .118
 - 4 J6 SHOWN FOR REFERENCE ONLY. DO NOT LOAD
 - 5 REMOVE TABS AFTER MACHINE SOLDER.
 - 6 MP7 IS SHARDED FROM FAR SIDE, INSTALL AFTER MACHINE SOLDERING
 - 7 MP5 AND MP6 INSTALLED AFTER MACHINE SOLDERING
 - 8 CHECK FOR MODIFICATIONS IN THE P.C. LINE ASSEMBLY DOCUMENTATION MANUAL A-08595-A7.
 - 9 ADD MP10 LABEL AT THIS LOCATION.

SEE 08595-6001 MATERIAL LIST

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 PROPRIETARY INFORMATION THAT IS
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 NOT DISCLOSE TO OR REPRODUCE FOR
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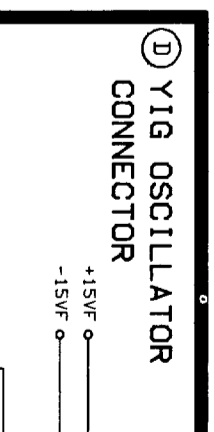
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	DESIGNED BY	DATE	BOARD ASSEMBLY- FAN/LOG INTERFACE	
TELEPHONE 312.431.4151	ENGINEER-CHECKER		TITLE	
RELEASED TO PROD.	APPROVED BY		NONE	08595-60001 E-08595-60001-2

REV	REVISIONS	DATE
A		

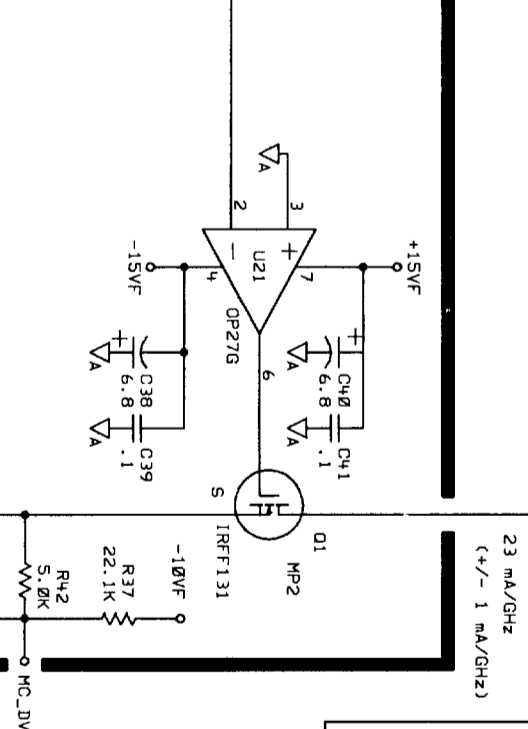
NOTES:

1. USE RESISTANCE ATION PAPER IDENTIFICATION WITH ASSEMBLY DESIGNATION.
2. UNLESS OTHERWISE INDICATED, CAPACITANCE IN MICROFARADS (UF) INDICATED IN HIGHLIGHTS (U).
3. HIGHLIGHTED TABLE DESCRIPTION:

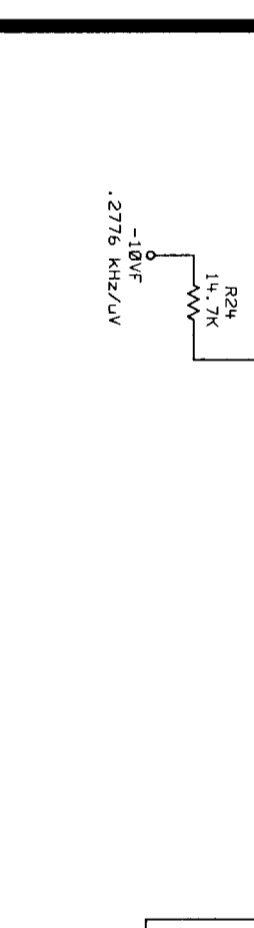
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- △ COMPONENTS ARE REMOVED FOR B9595-60001 ASSEMBLY.
- △ COMPONENTS ARE ADDED FOR B9594-60001 ASSEMBLY.



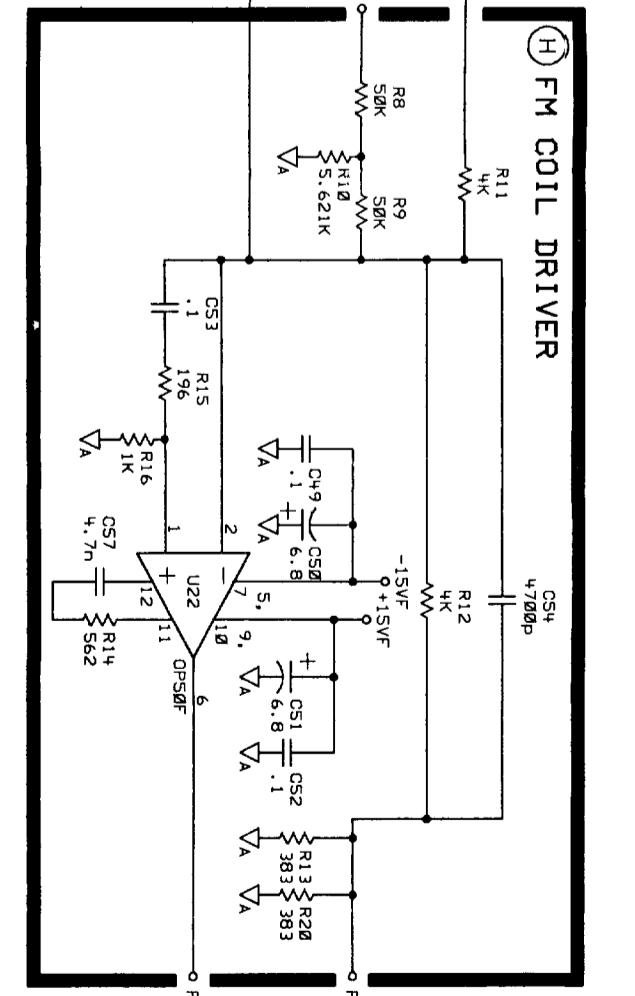
Y1G OSCILLATOR



MAIN COIL DRIVER

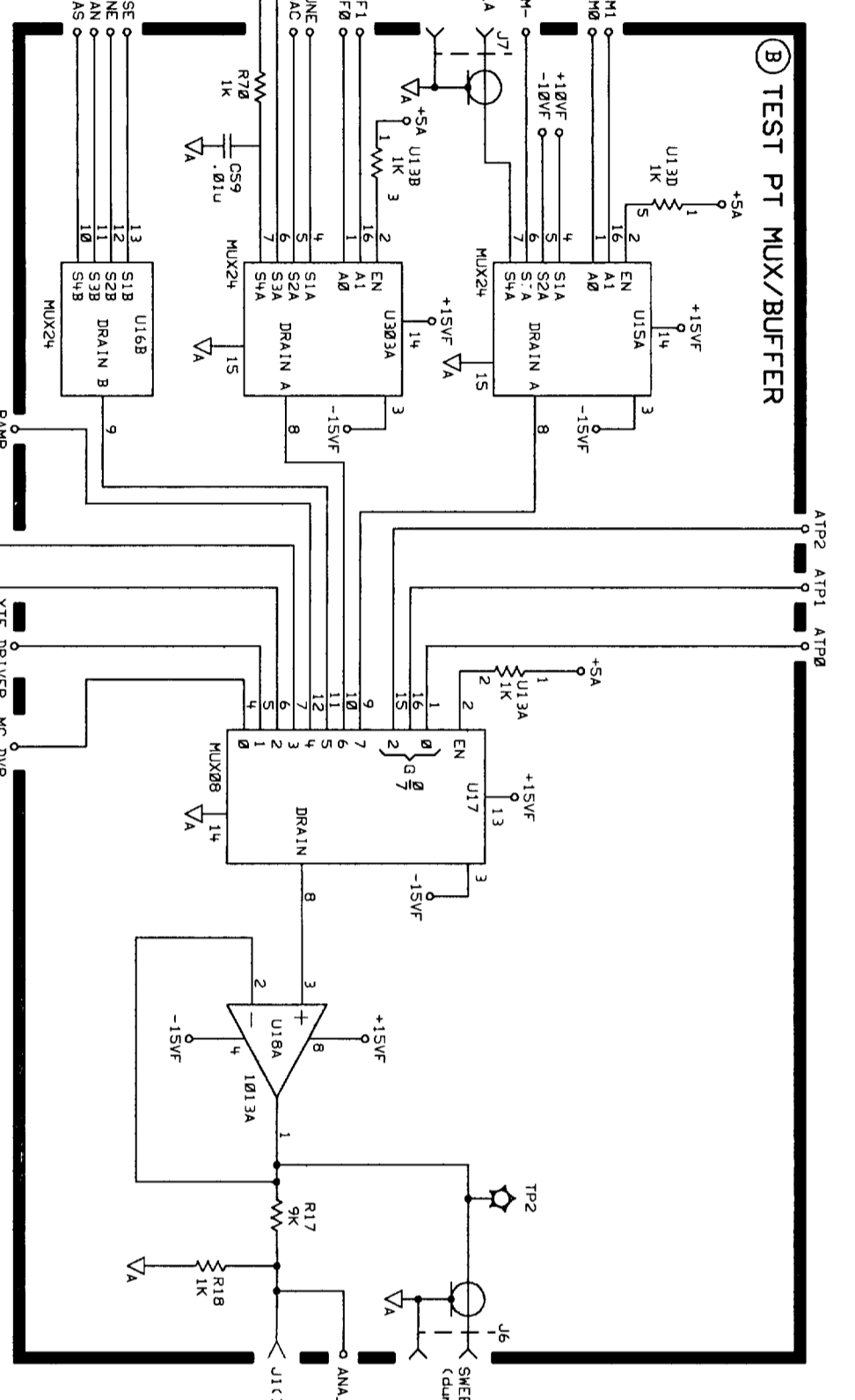
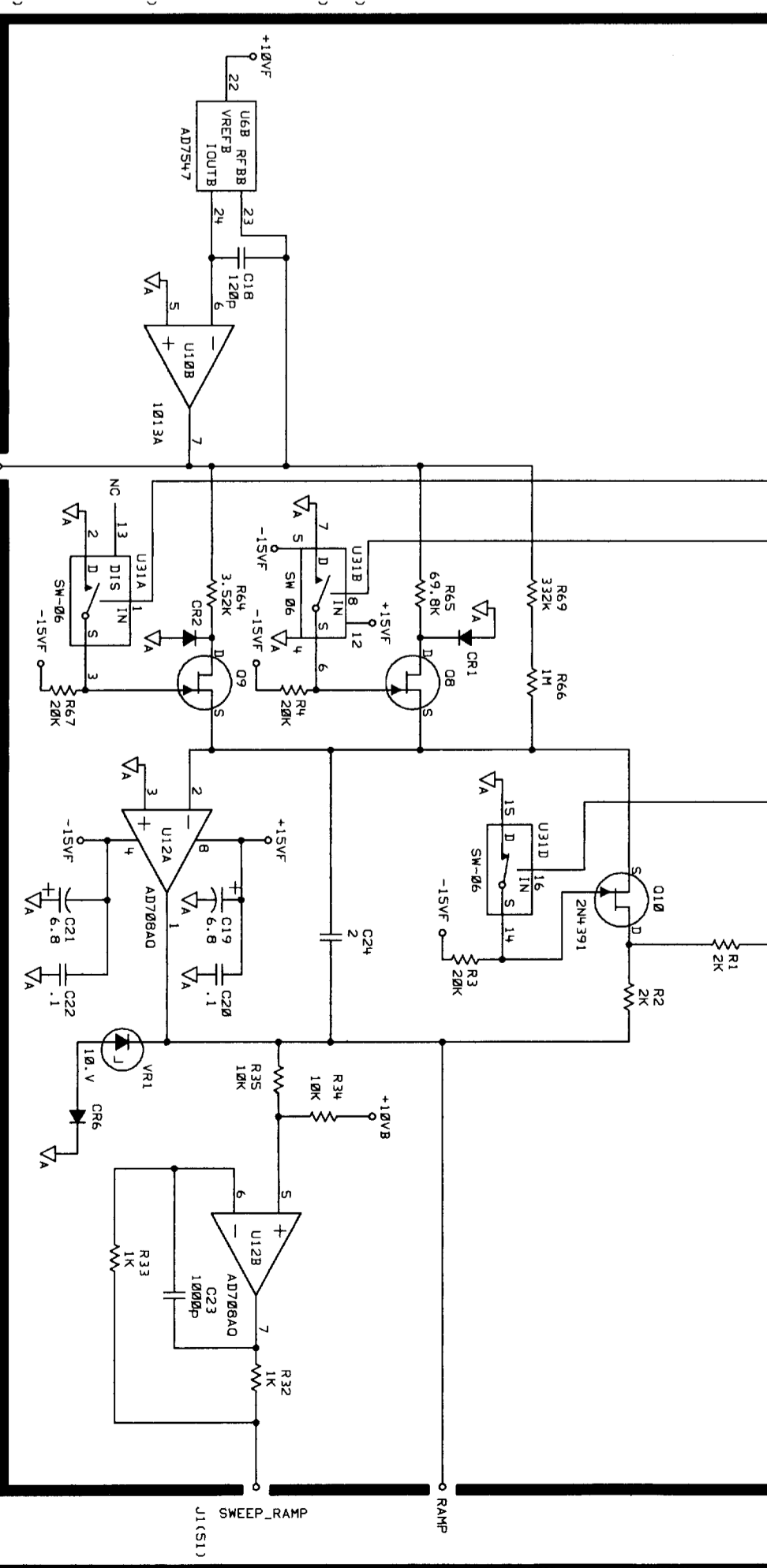


DISCRIMINATOR TO FM SPANS

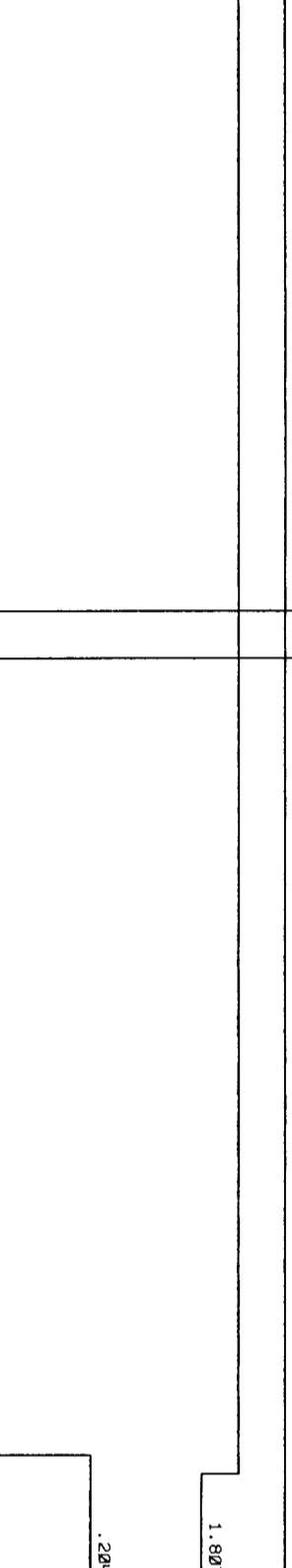


FM COIL DRIVER

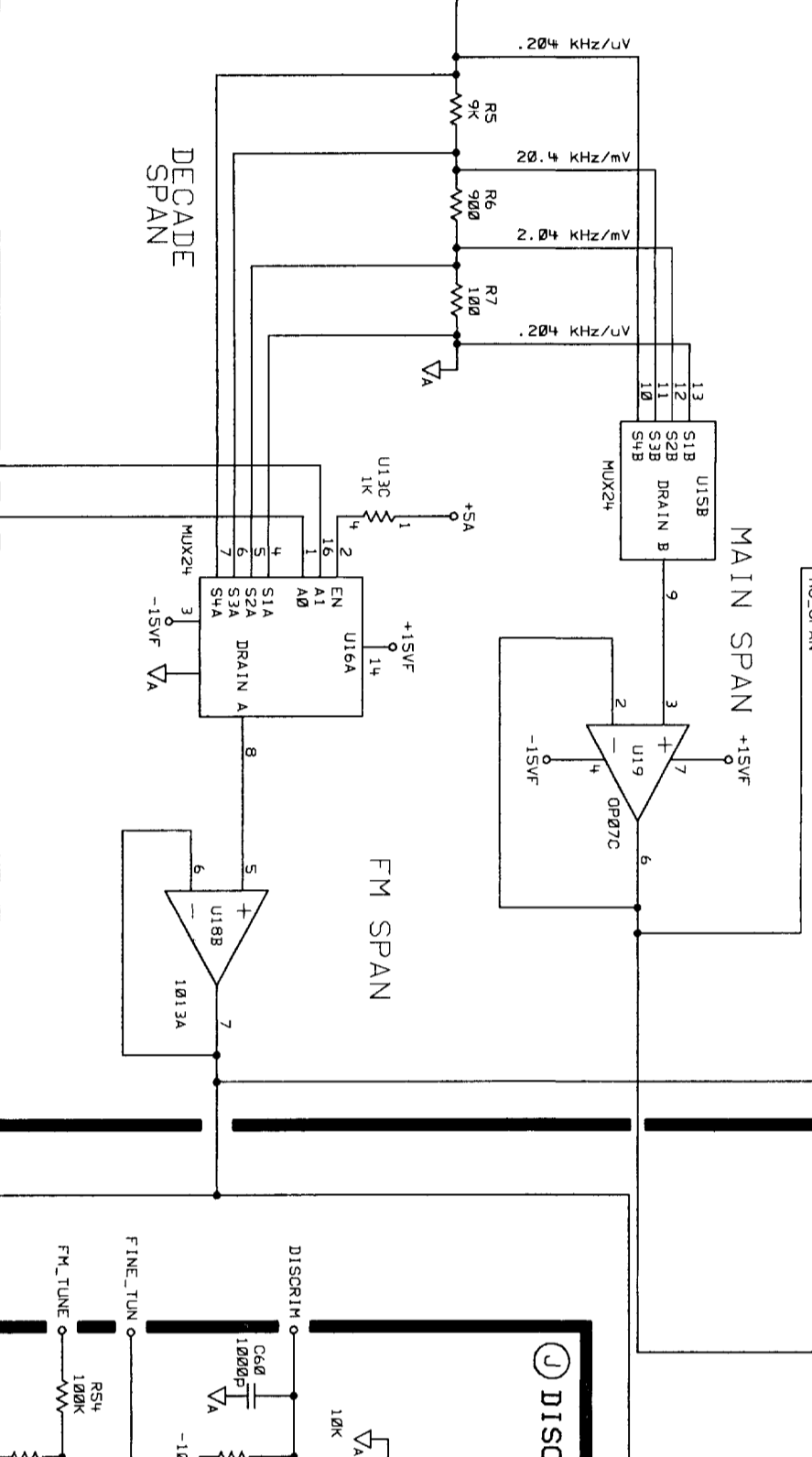
SWEEP RAMP GENERATOR



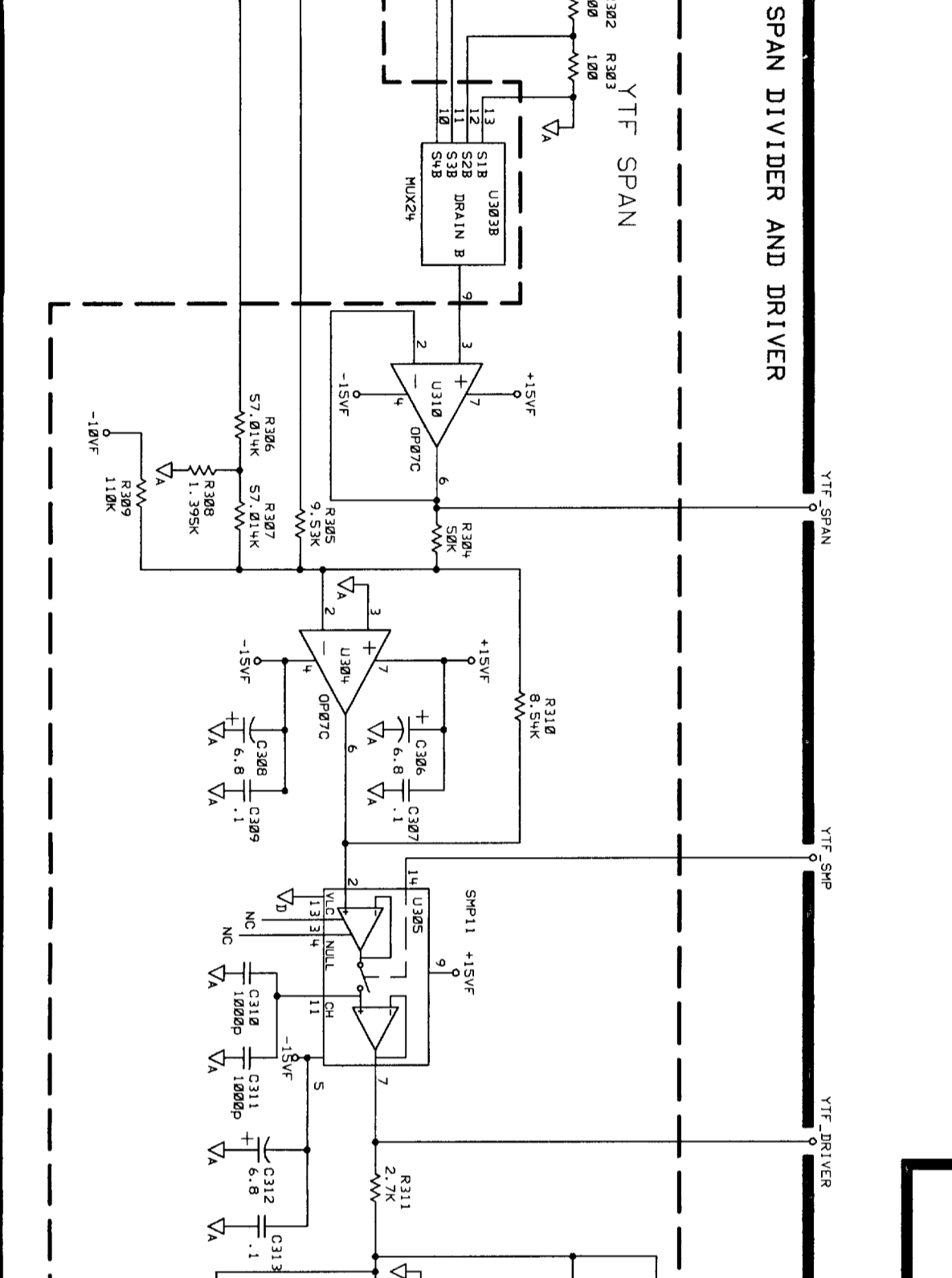
TEST PT MUX/BUFFER



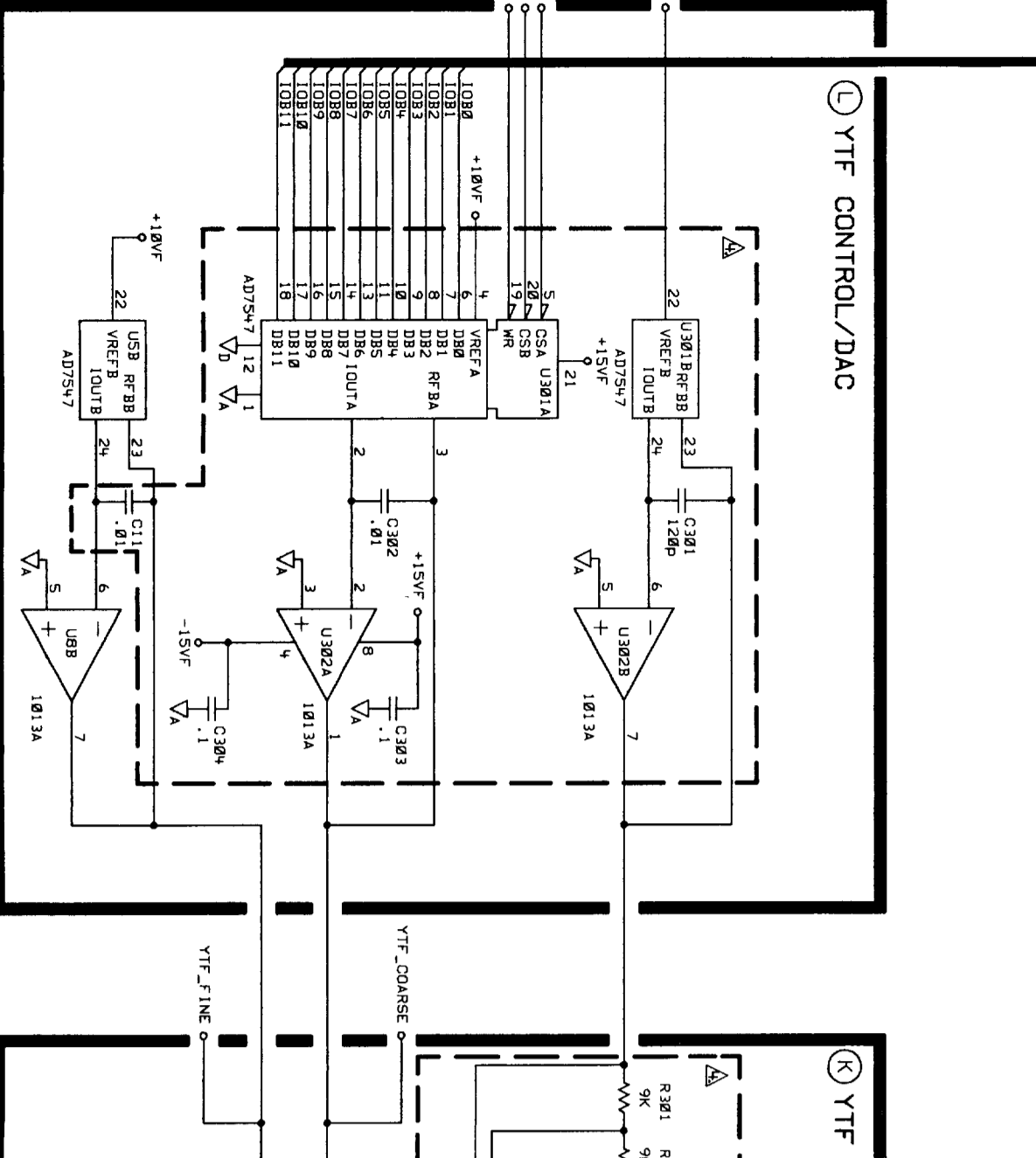
SPAN DIVIDER



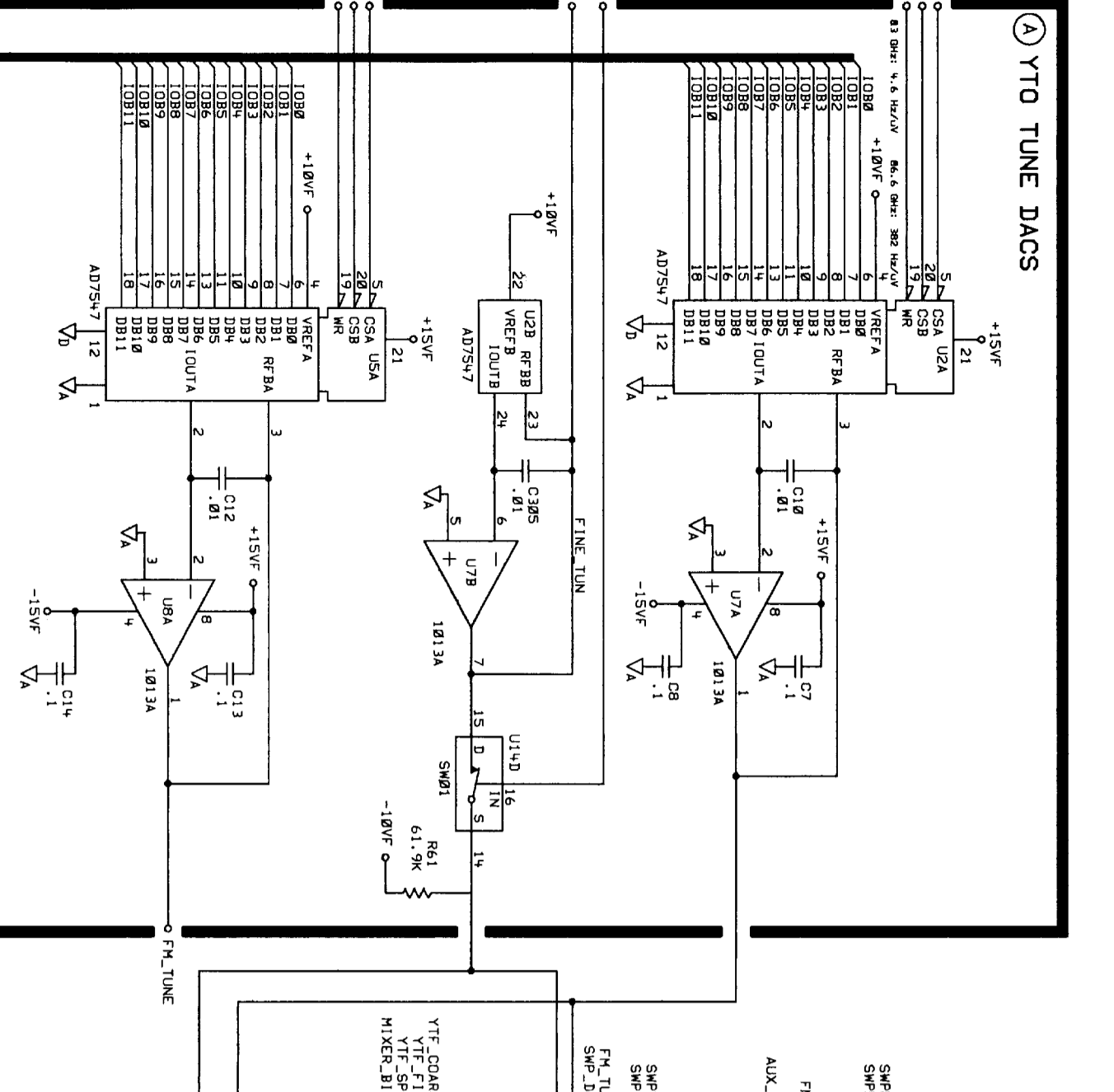
SPAN DAC



YTF SPAN DIVIDER AND DRIVER



YTF CONTROL/DAC



YTO TUNE DACS

THIS DRAWING ALSO USED FOR THE FOLLOWING ASSEMBLIES:

08594-60001	08594-60001	SEE NOTES
08595-60001	08595-60001	SEE NOTES

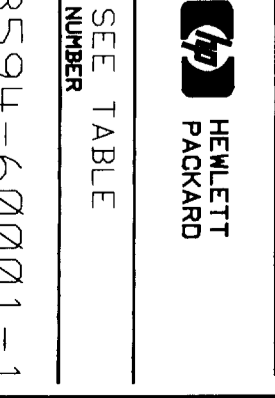
PART NO. MATERIAL LIST REMARKS

TABLE 1

HP PROPRIETARY
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ITEM	QTY.	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-DESC.	MAT'L-SPEC.
		BOARD ASSEMBLY-ANALOG INTERFACE (SCHEMATIC)			

SCALE SHEET 1 OF 3



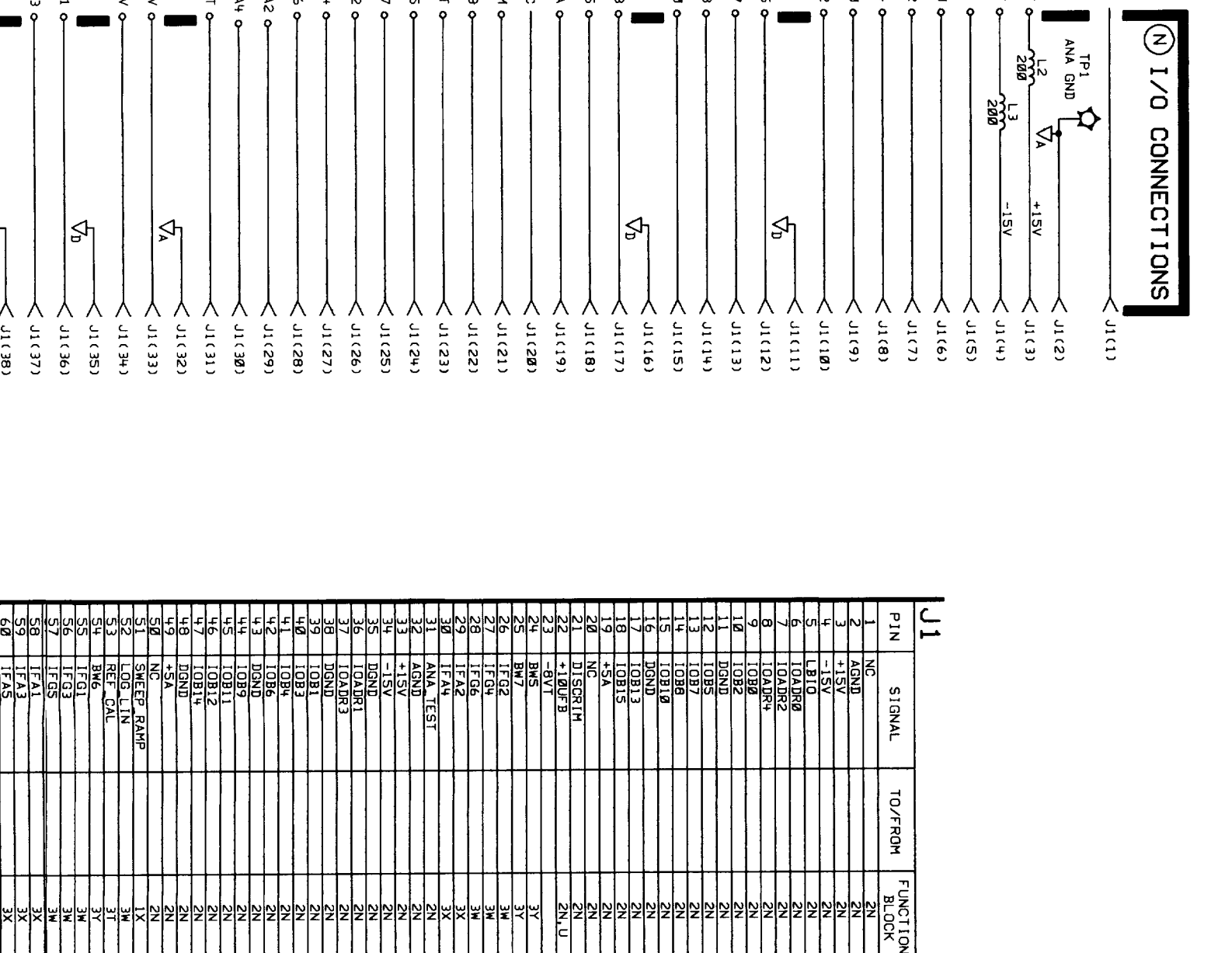
REV	REVISIONS
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NOTES:
 1. FOR SOURCE PERFORMANCE WITHIN THIS ASSEMBLY ARE ASSOCIATED PARTS ARE ASSOCIATED WITH ASSEMBLY DESIGNATION, SPECIFY TO DESIGN.
 2. UNLESS OTHERWISE INDICATED: CAPACITANCE IN MICROFARADS (UF) INDICATED IN MICROFARADS (UF)
 3. DIMENSIONAL TABLE DESCRIPTION

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 COMPONENTS ARE REMOVED FOR B8595-60001 ASSEMBLY.
 COMPONENTS ARE ADDED FOR B8594-60001 ASSEMBLY.

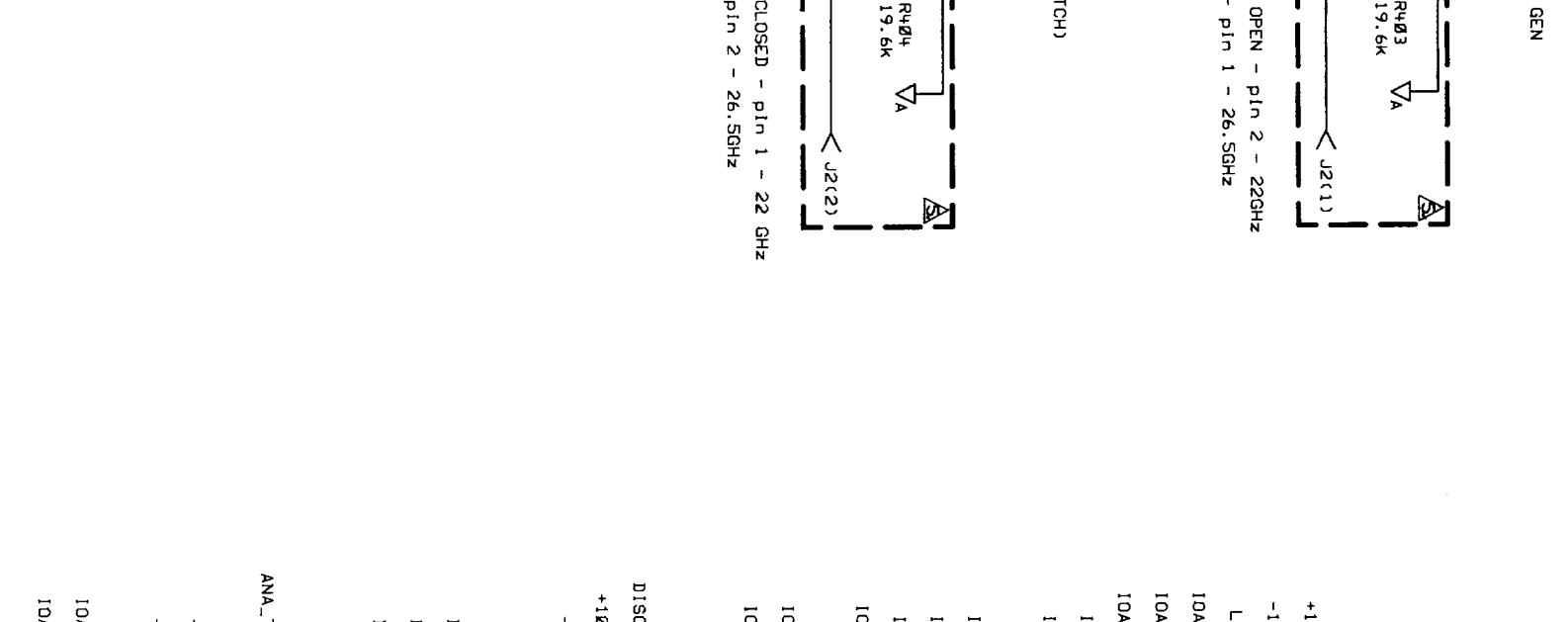
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I/O CONNECTIONS

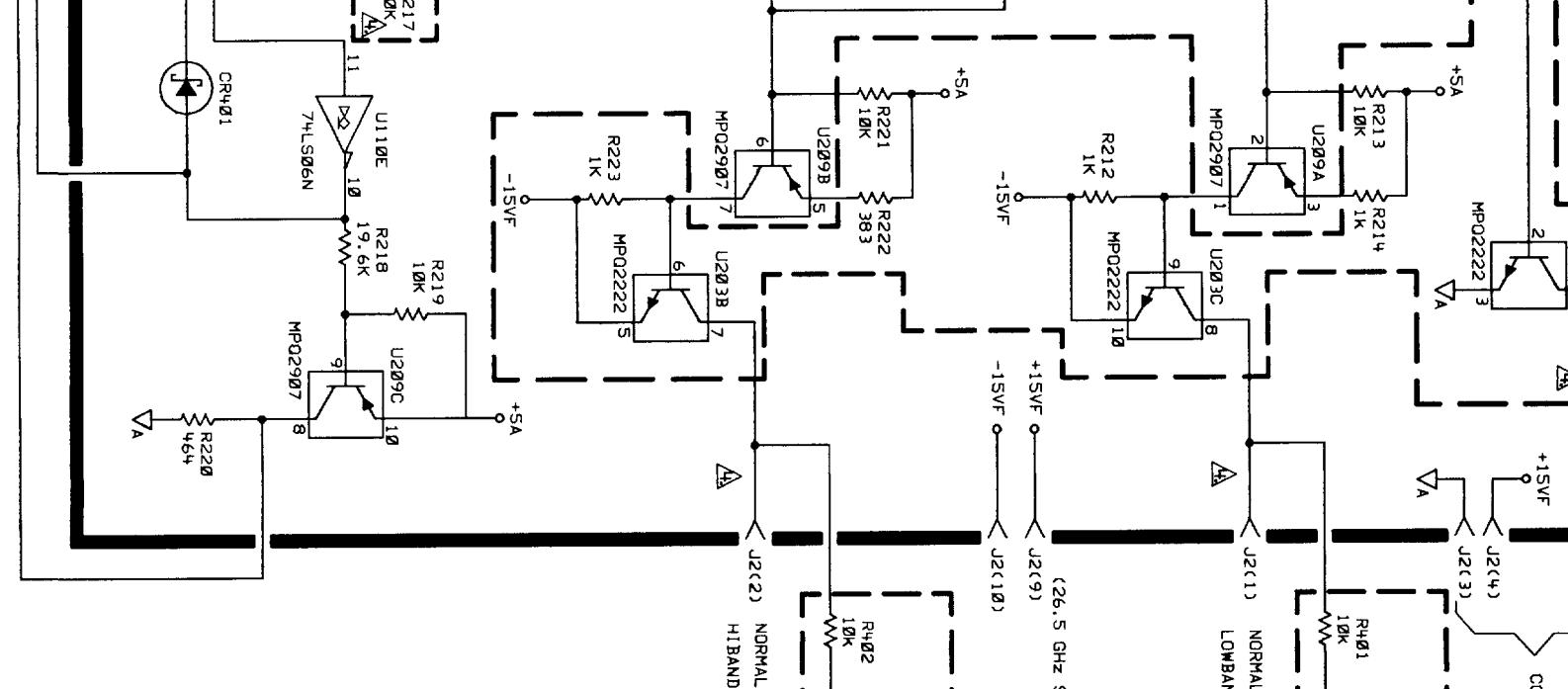


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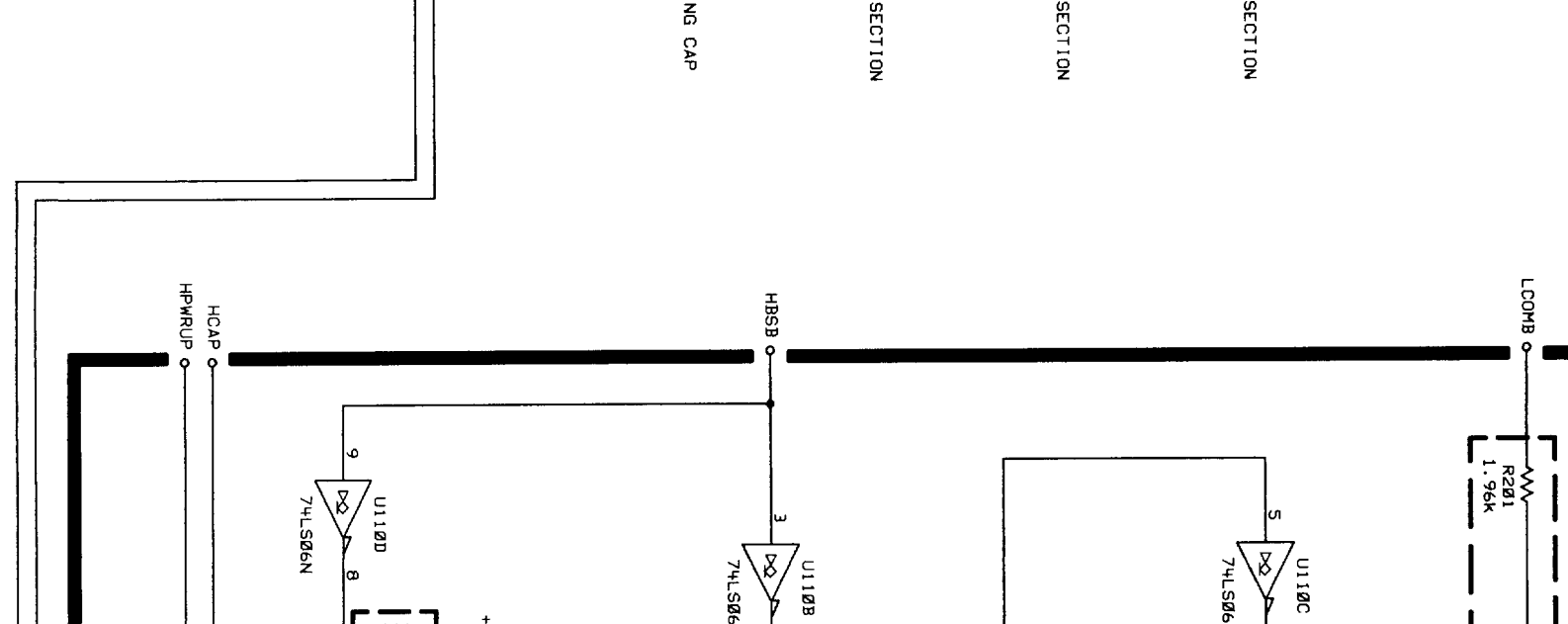
RF SWITCHES COMB GEN



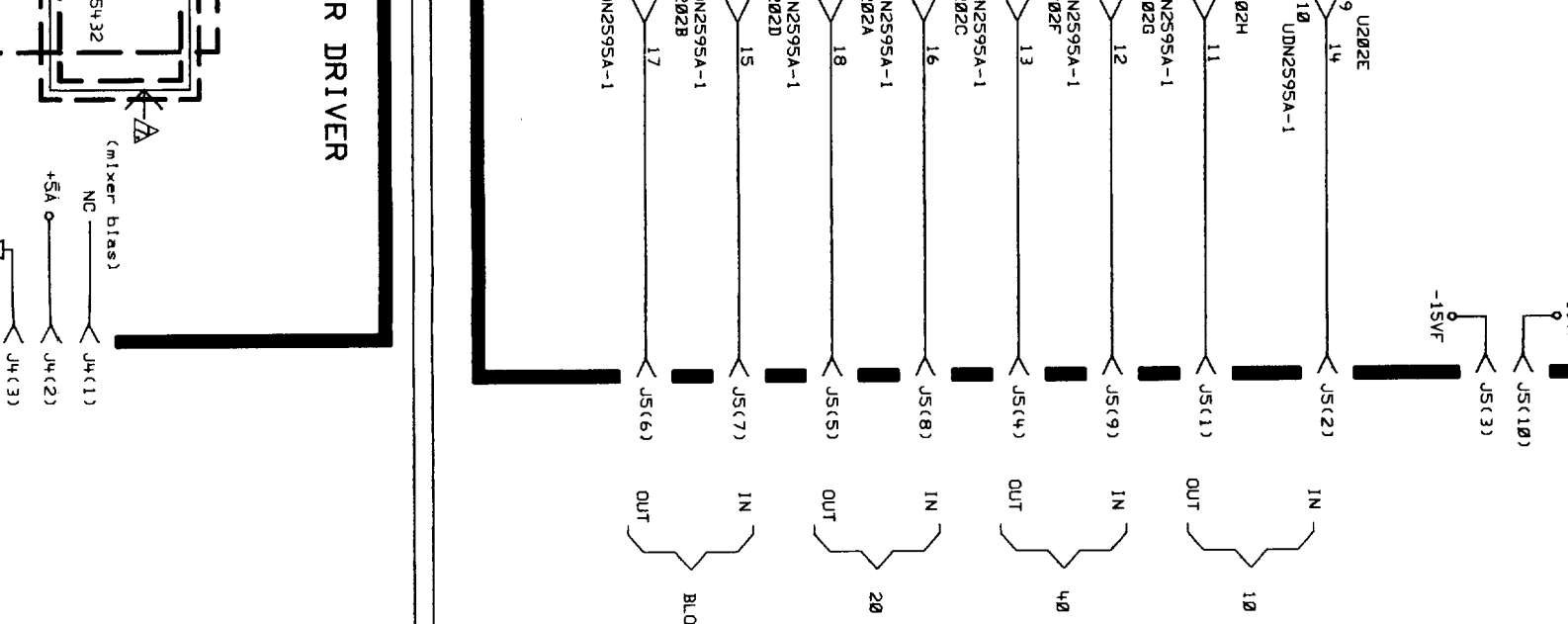
SECOND CONVERTER DRIVER



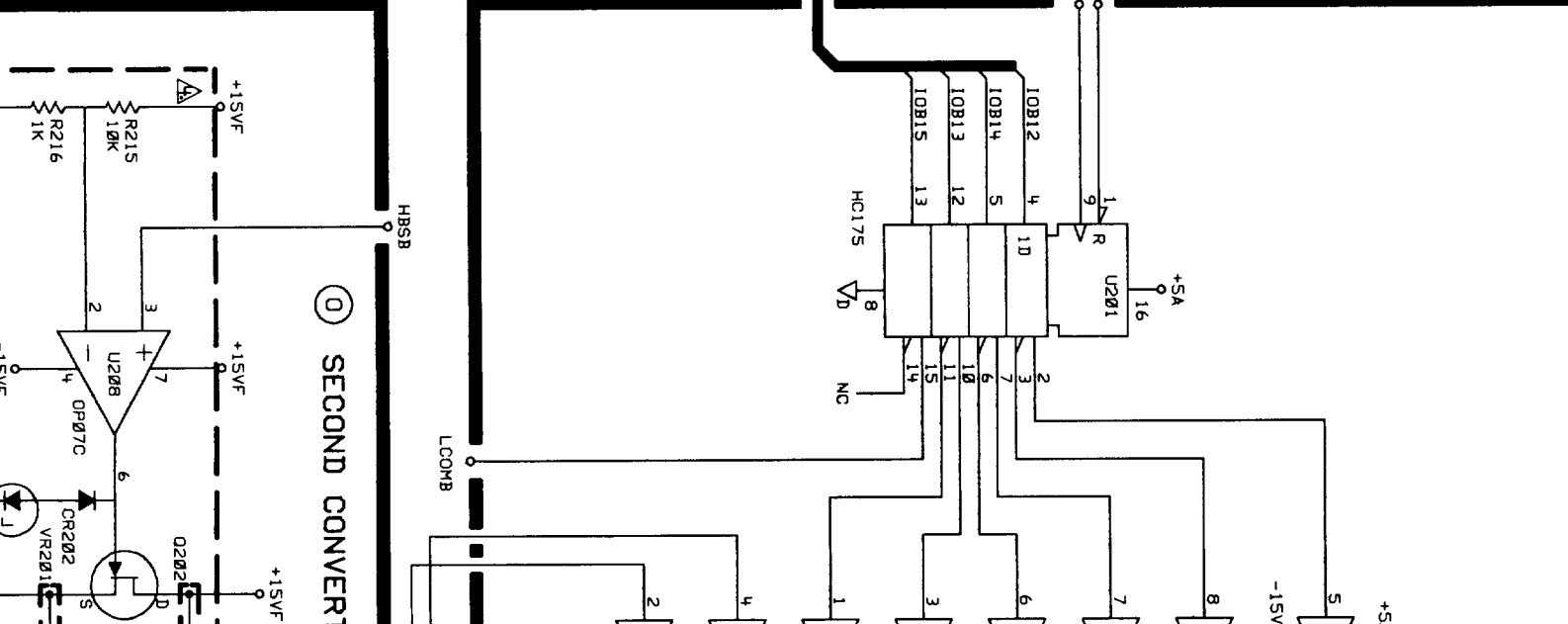
FIRST CONVERTER DRIVER



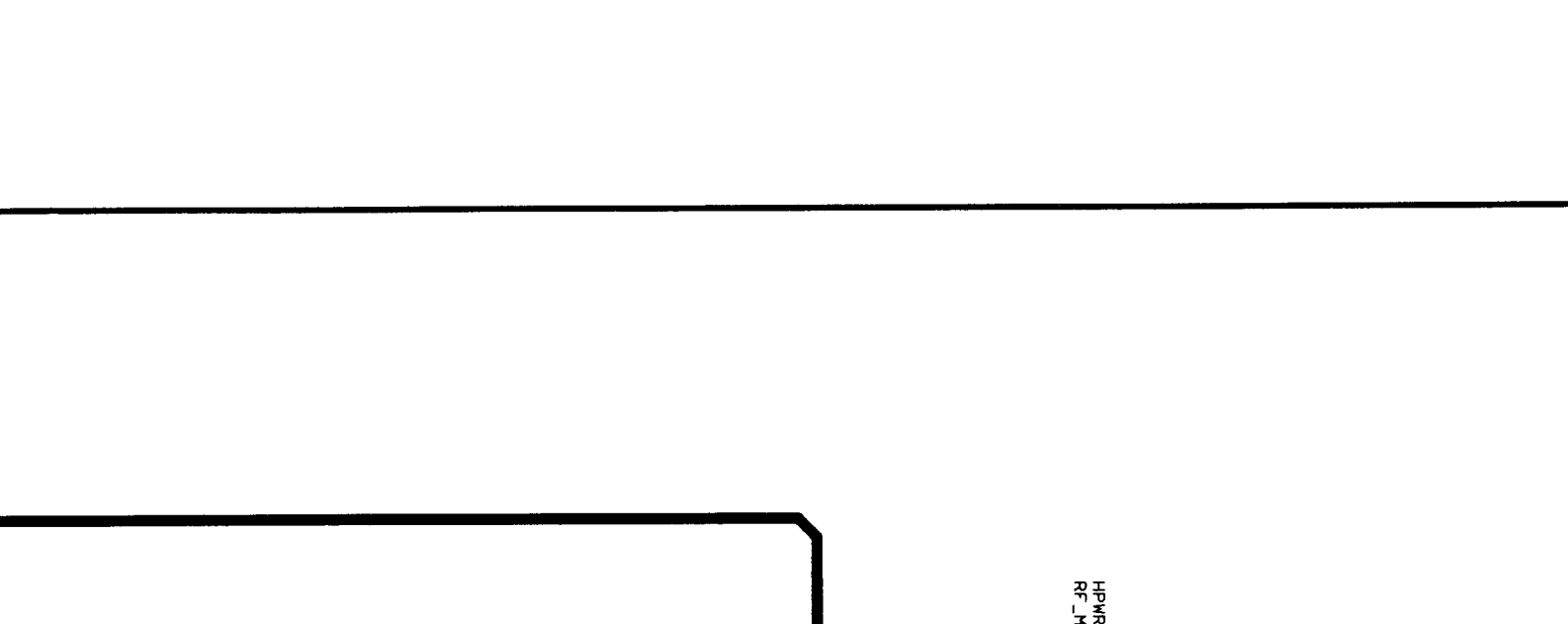
ATTENUATOR DRIVER



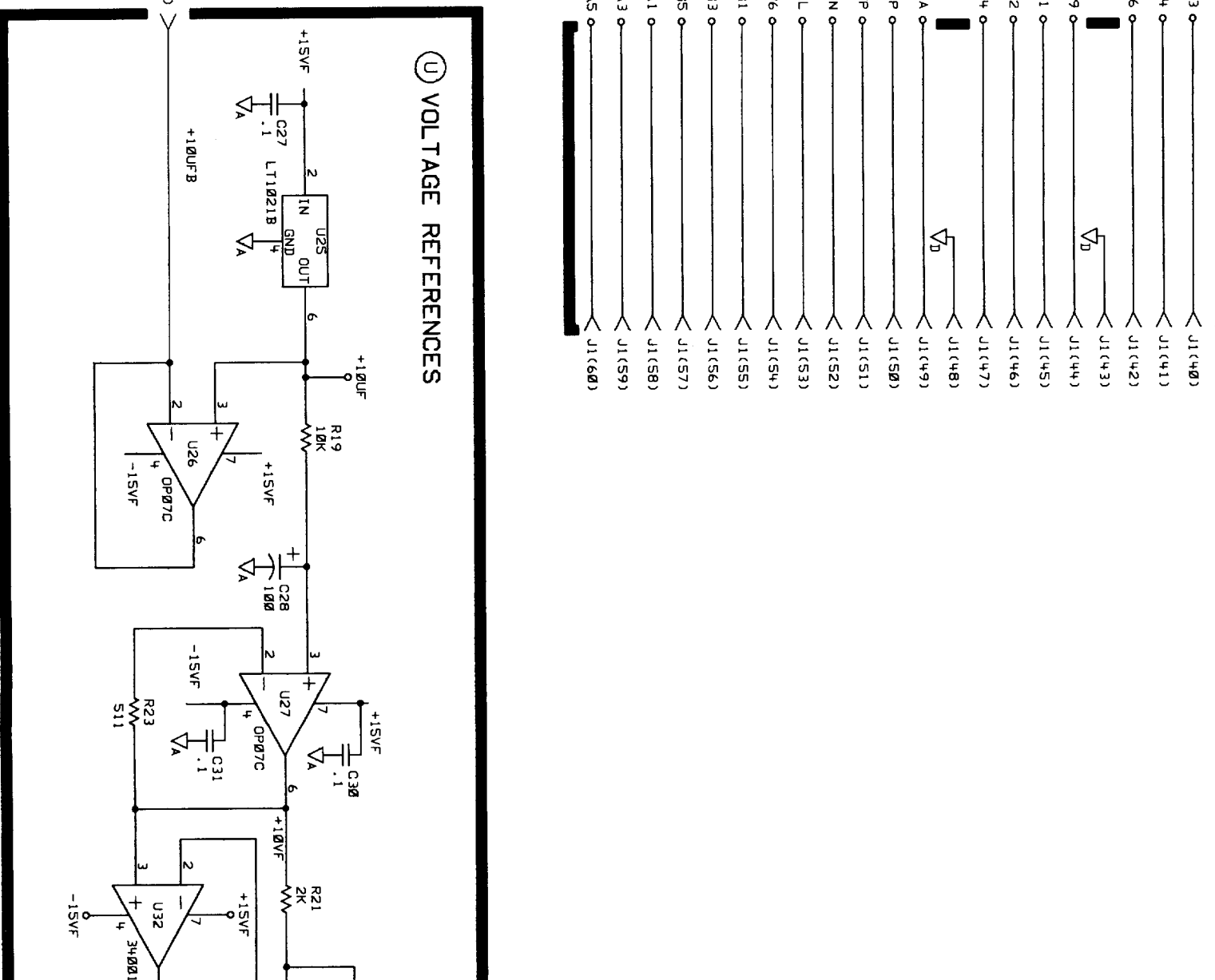
CONTROL SWITCHES



ADDRESS DECODER



VOLTAGE REFERENCES



ITEM	QTY	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-SPEC.
1	1	RESISTOR		
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100	1	RESISTOR		

ITEM	QTY	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-SPEC.
1	1	RESISTOR		
2	1	RESISTOR		
3	1	RESISTOR		
4	1	RESISTOR		
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