

XP 5000/5100

Integrated Mobile Sound System

SERVICE MANUAL

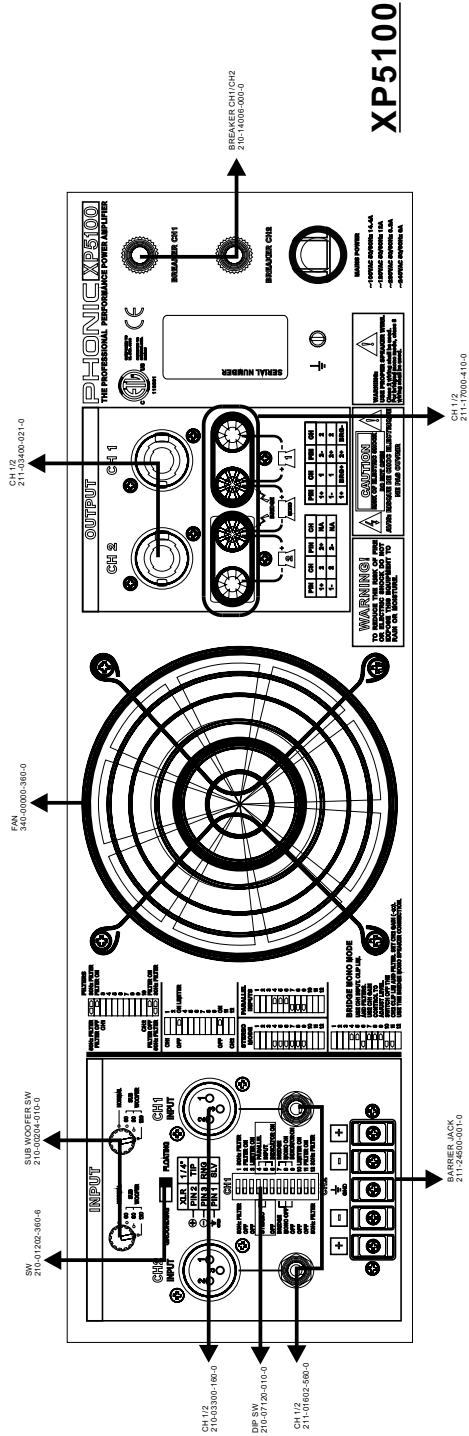
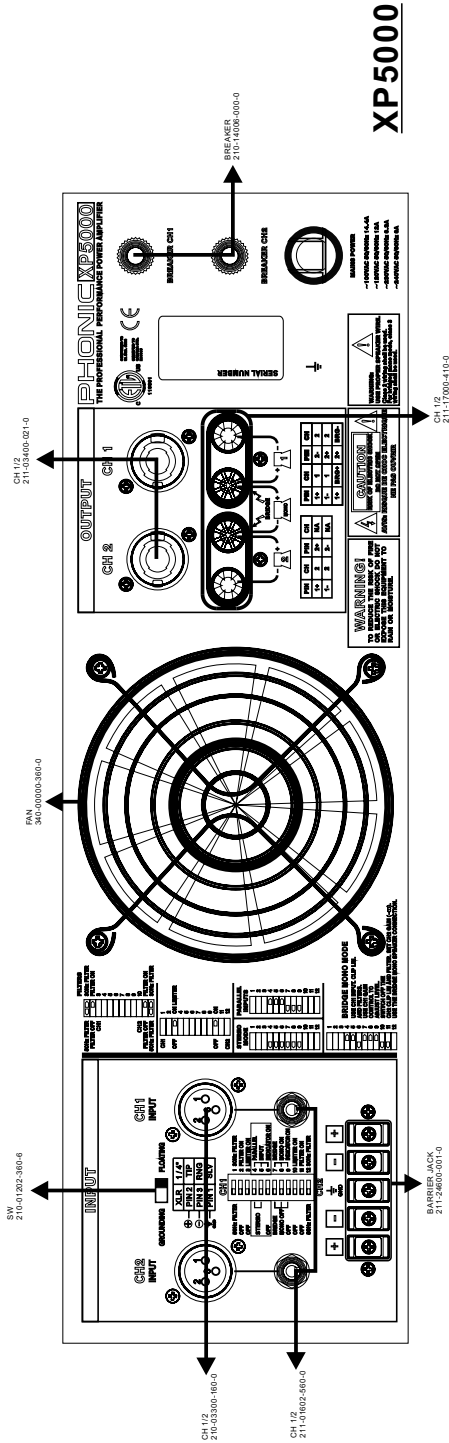


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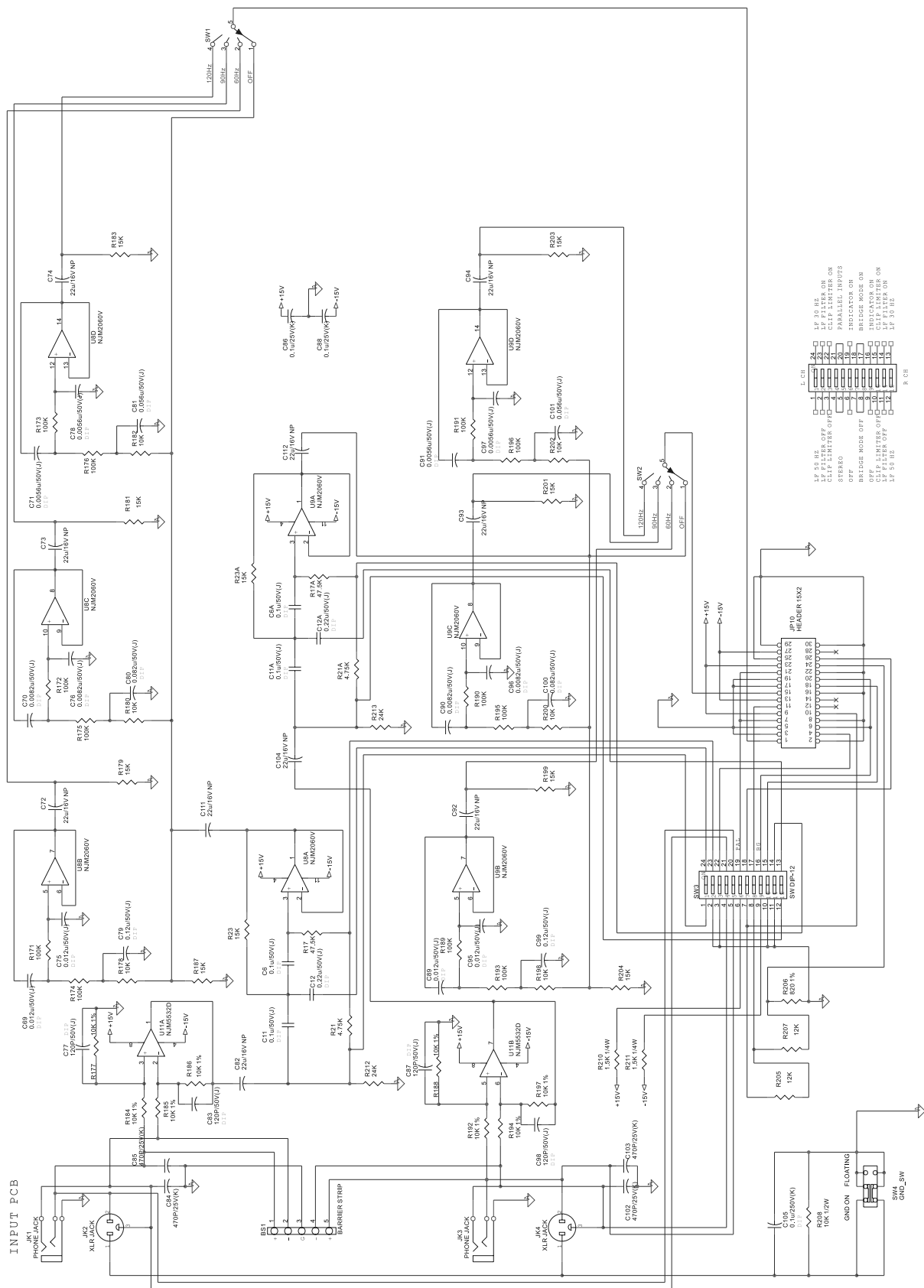
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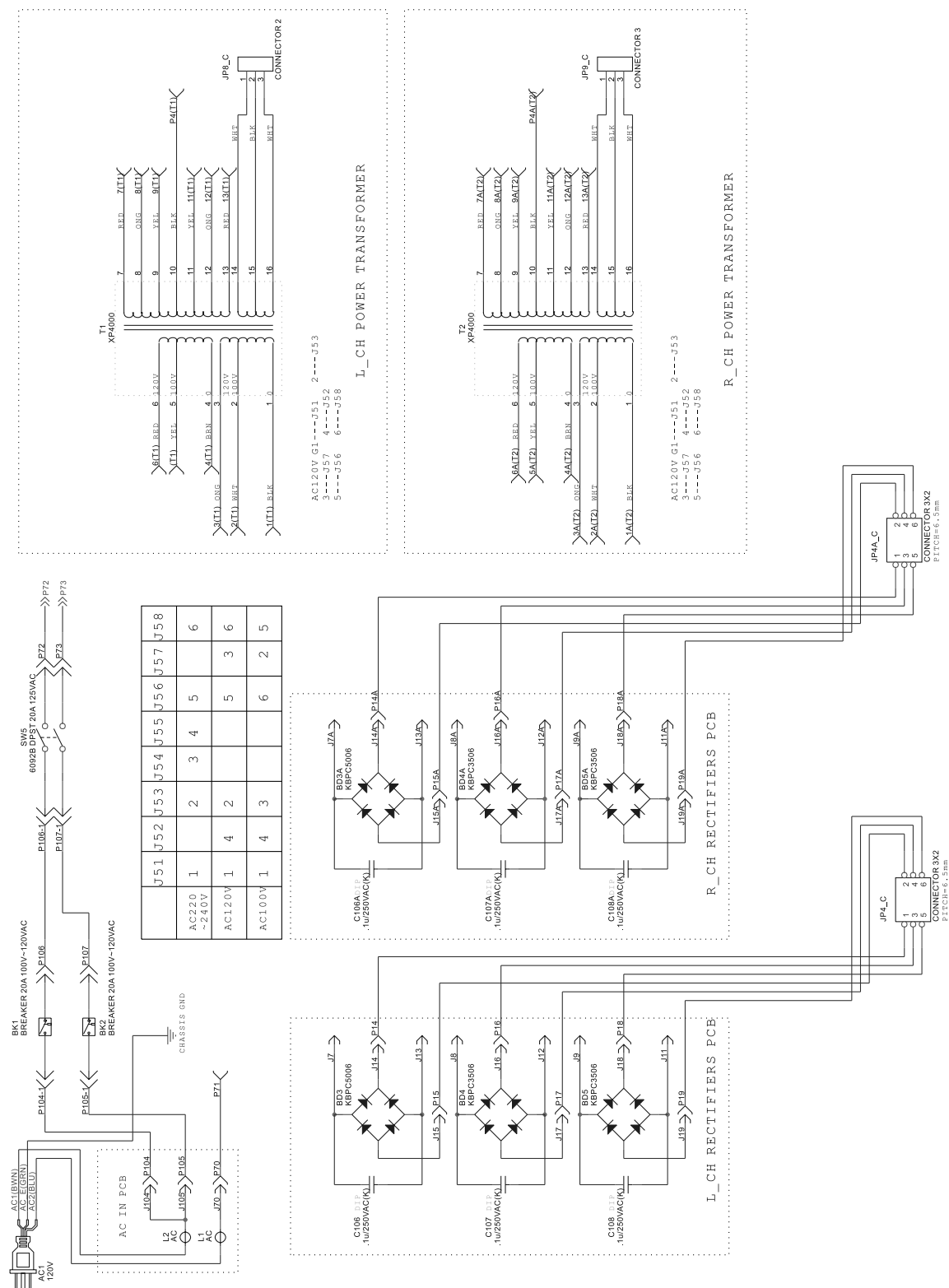
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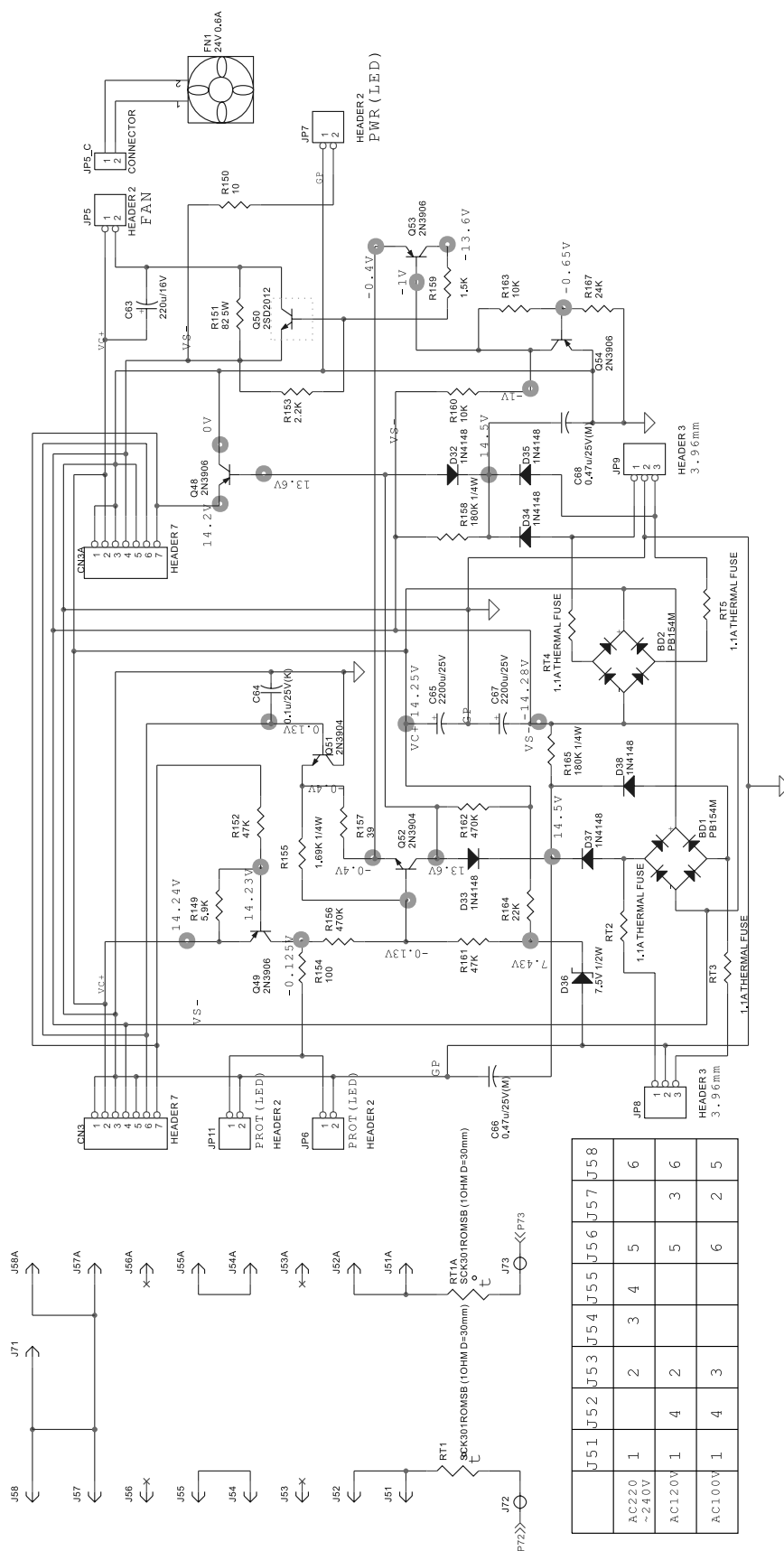


INPUT

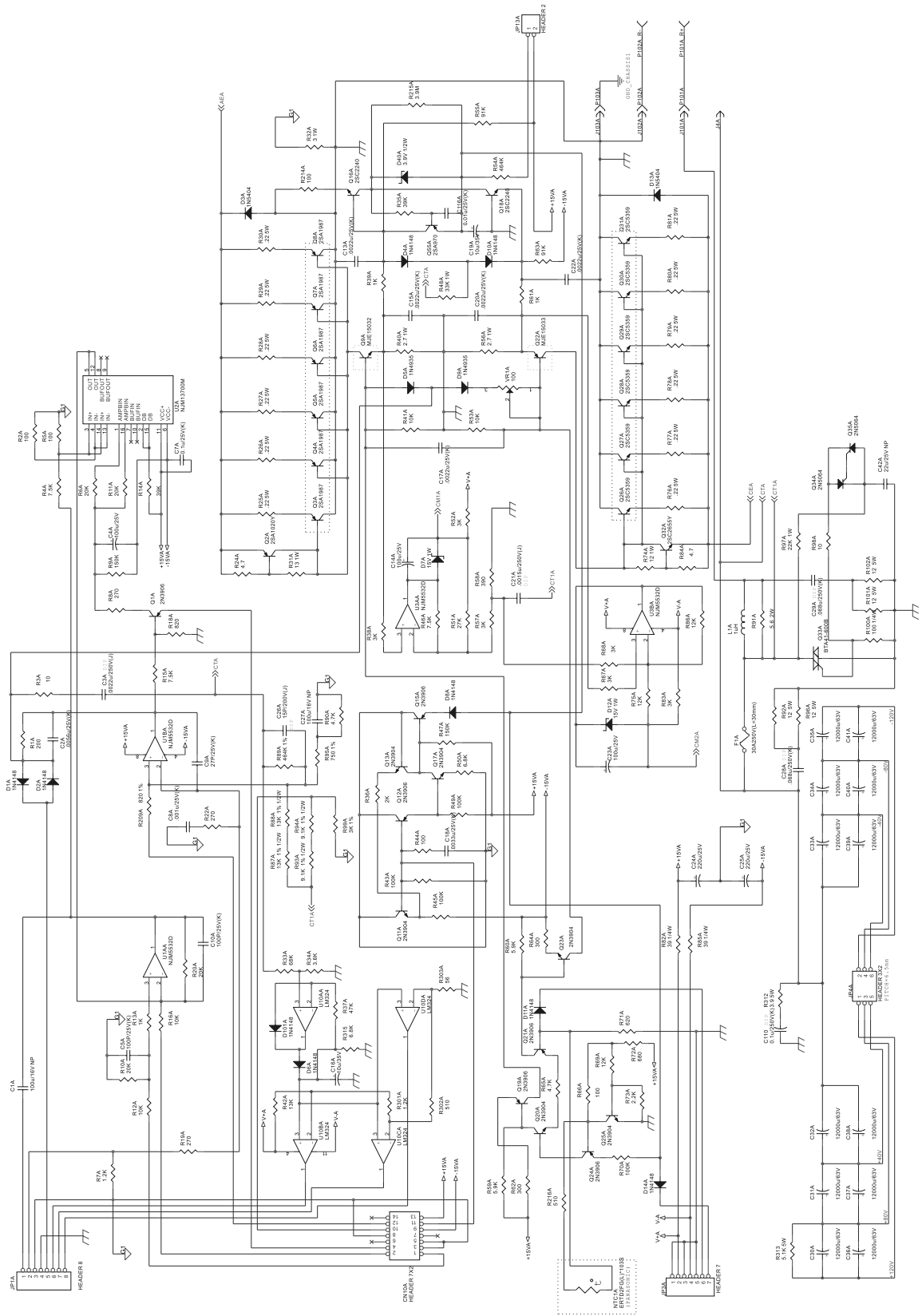


POWER

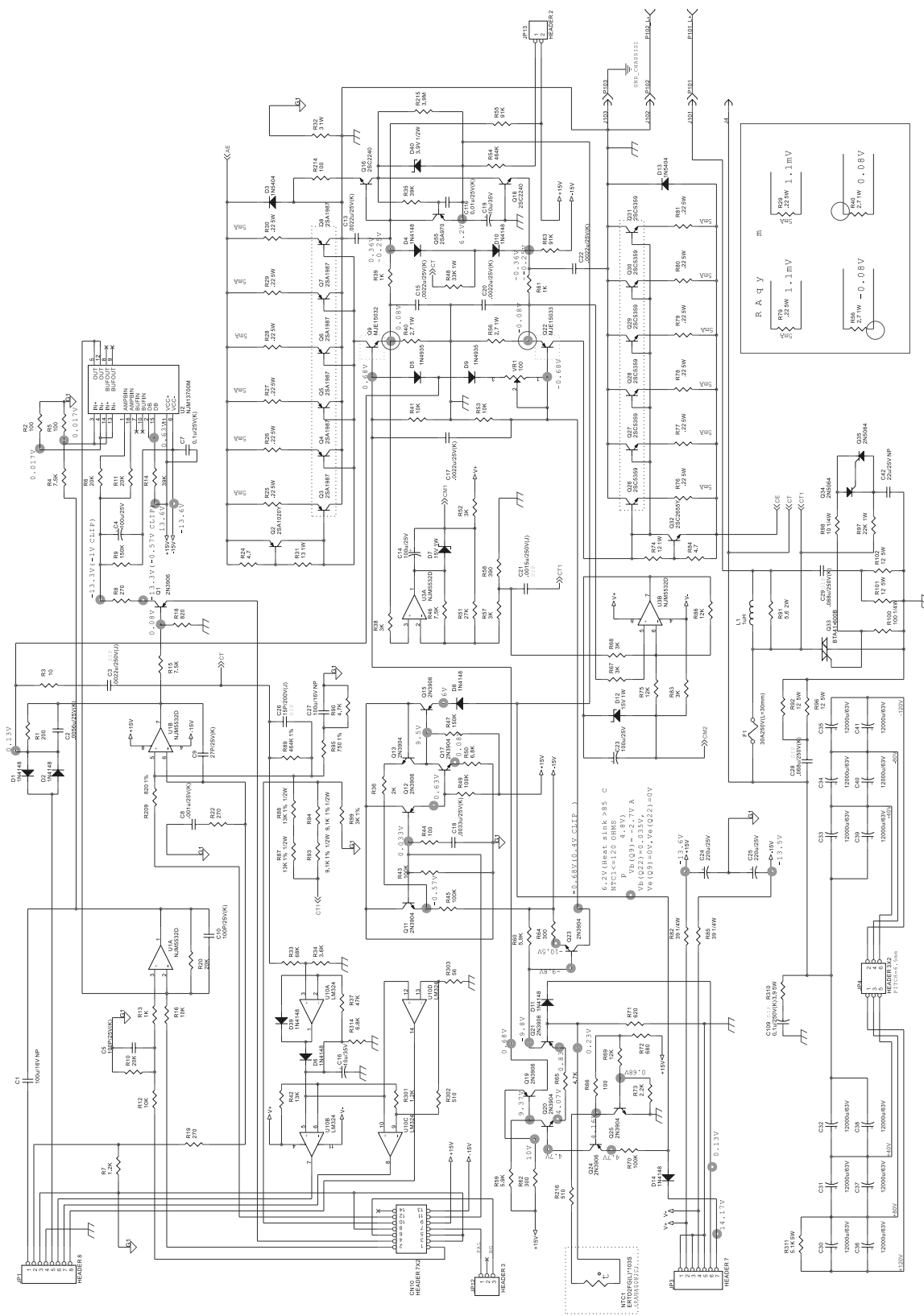




AMP R

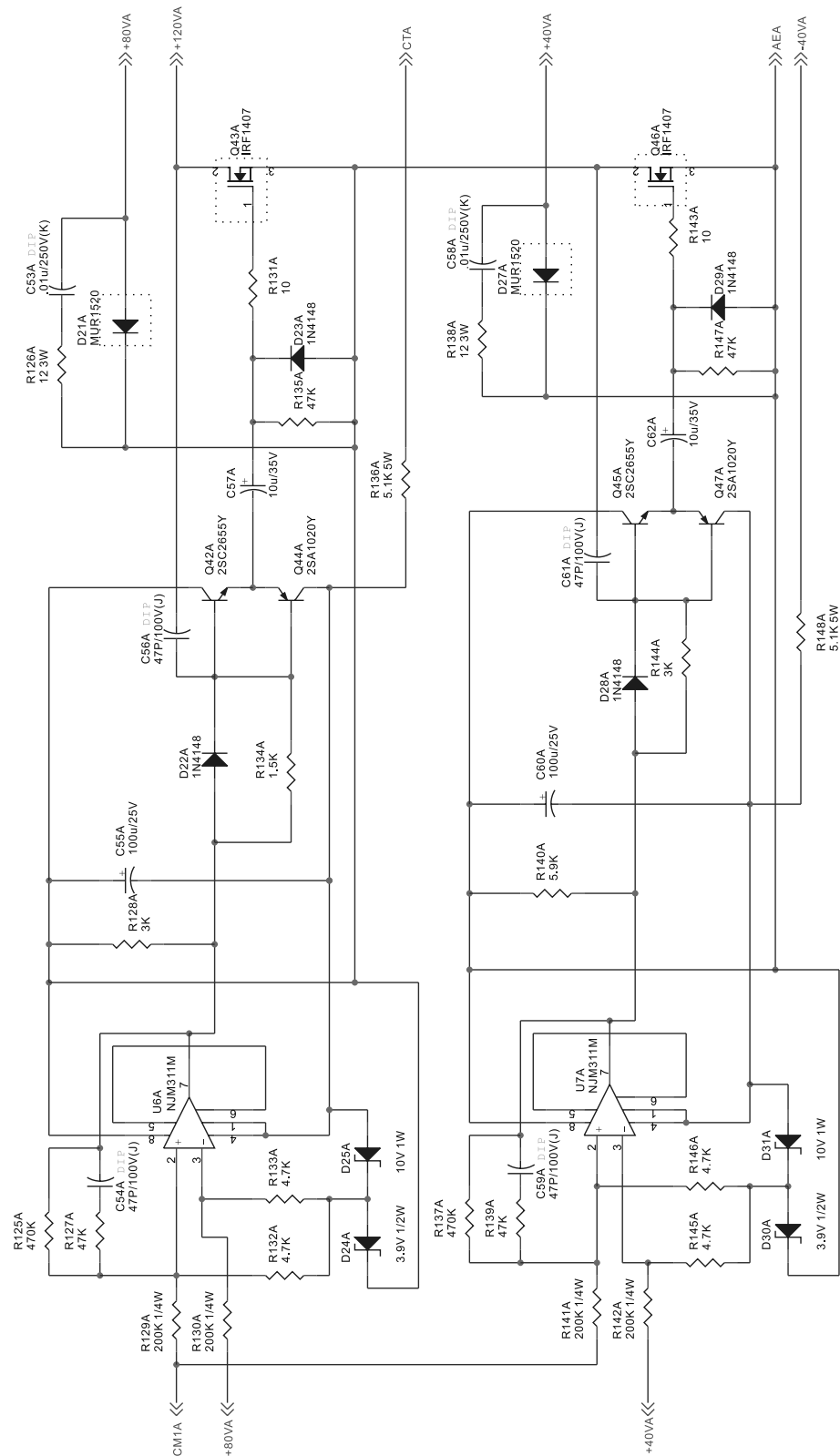


AMP L

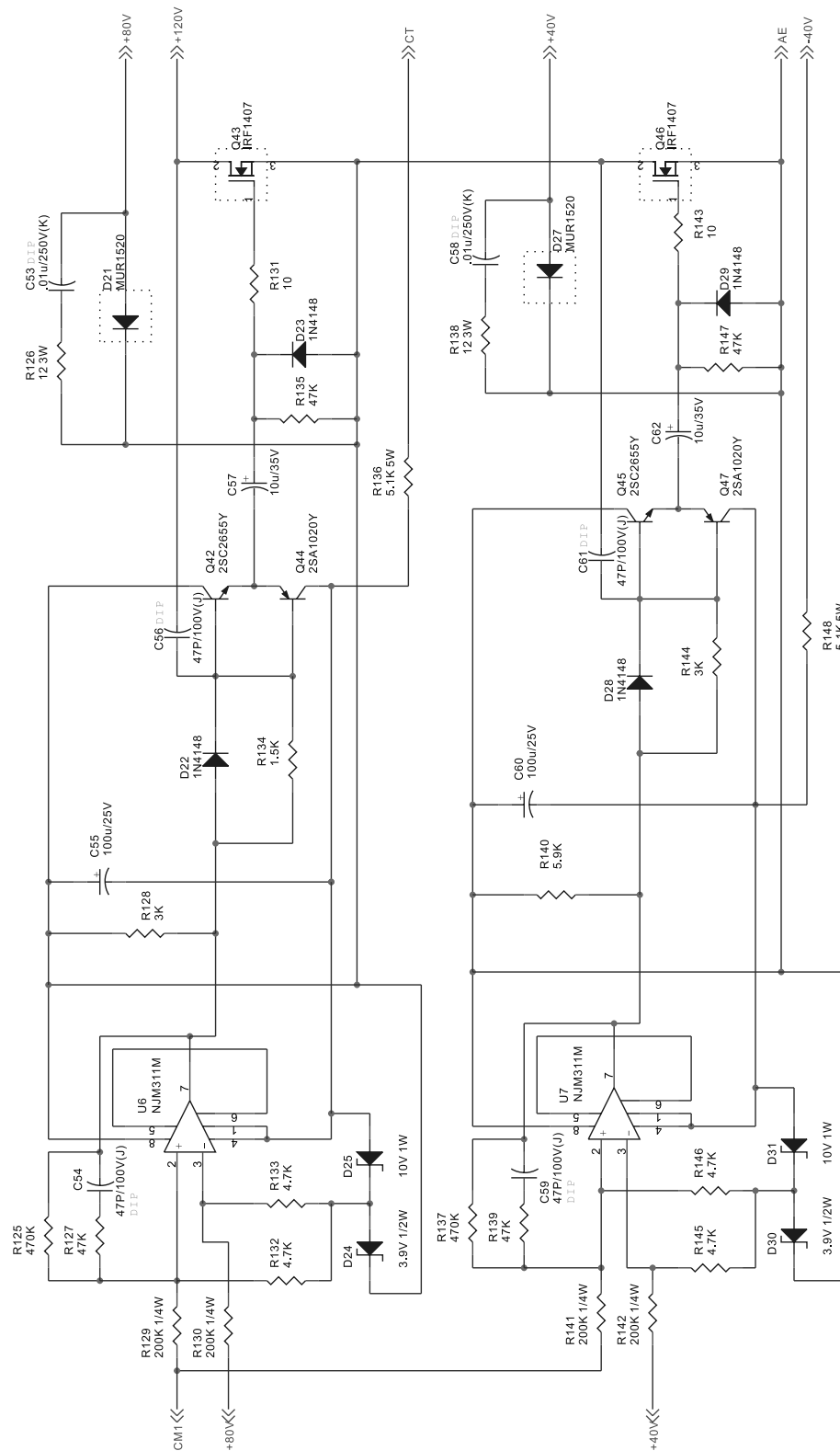




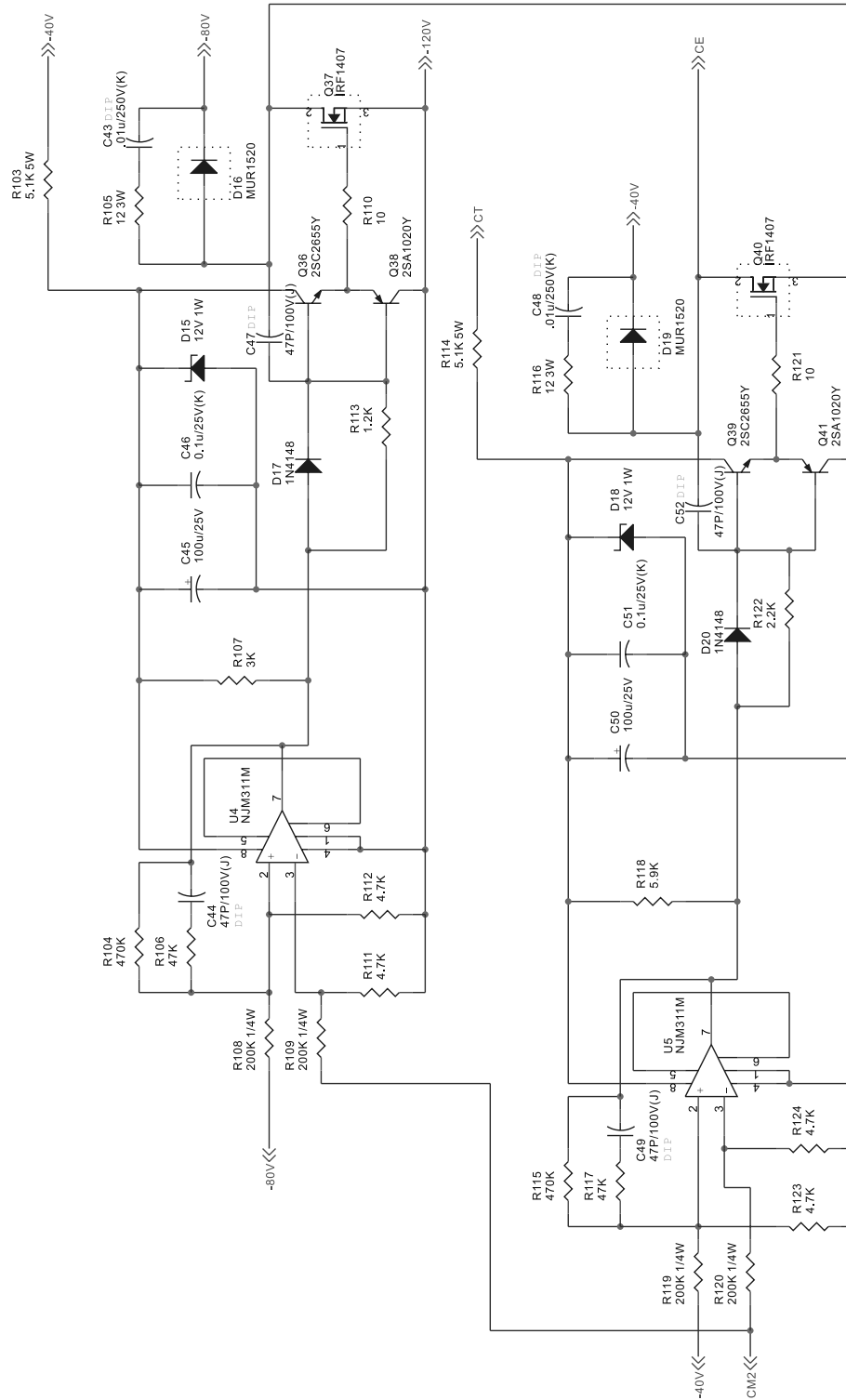
R POS DRV



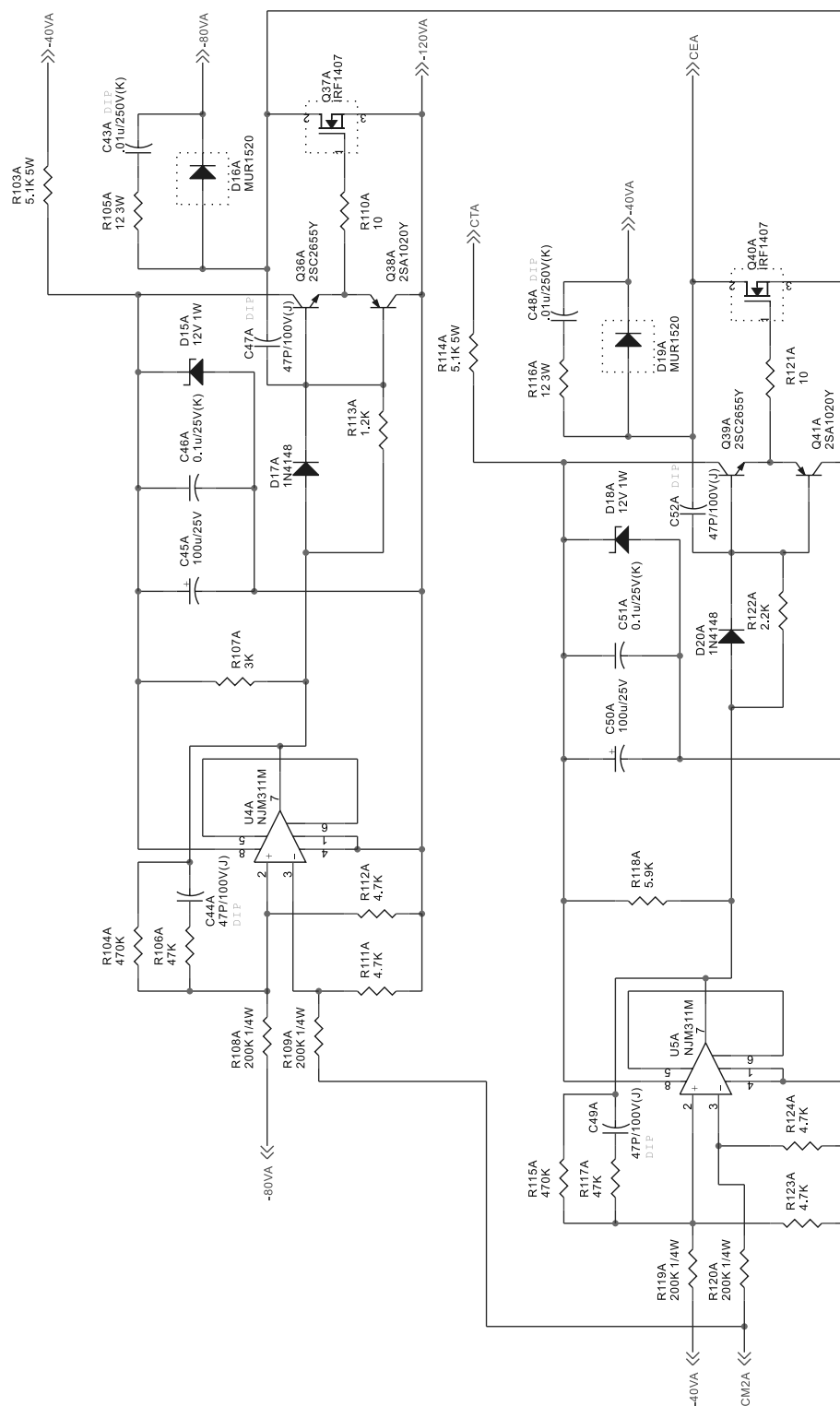
L POS DRV



L NEG DRV



R NEG DRV



POWER REQUIREMENT CLASSIFICATION

Ref.	Phonic Part No.	Specifications
IEC		
BK1.2	210-14006-000-0 370-15840-912-0	BREAKER W28-XQ1A-120 (12A) P/CORD IEC 20A 2.5M
UL		
BK1.2	210-14005-000-0 370-08940-912-0	BREAKER W28-XQ1A-20 P/CORD UL 20A 2.5M
SA		
BK1.2	210-14006-000-0 370-06940-912-0	BREAKER W28-XQ1A-120 (12A) P/CORD SA 20A 2.5M
SAA		
BK1.2	210-14006-000-0 370-11940-912-0	BREAKER W28-XQ1A-120 (12A) P/CORD SAA 20A 2.5M
BS		
BK1.2	210-14006-000-0 370-01940-912-0	BREAKER W28-XQ1A-120 (12A) P/CORD 230V 13A BS + 2.5M/3C
JIS		
BK1.2	210-14005-000-0 370-16940-912-0	BREAKER W28-XQ1A-20 P/CORD JIS 20A 2.5M

MISCELLANEOUS ITEMS

Ref.	Phonic Part No.	Specifications
POWER/SW	210-03201-090-0	SSA/SW 6092B
BK1.2	210-14006-000-0	BREAKER W28-XQ1A-120 (12A)
BREAKER*2	212-10010-650-0	1P WAFER/P 100MM UL1015#14 RED
	307-00000-050-0	CORD CONNECTOR HW-C8
	321-00000-020-0	CABLE TIE 140MM
	321-00000-070-0	CABLE TIE HW-100MM
	347-00000-360-0	FAN DC 24V 120*120
POWER CORD&SW	380-90023-000-0	WIRE WITHL UG(250) UL1617#16 500MM RED
POWER&BREAKER	380-90024-000-0	WIRE WITHL UG(250)UL1617#14 500MM BLK
	510-21440-000-F	PANEL XP5000 MATERIAL
	510-62500-000-0	PANEL XP5100
	511-60647-000-0	BACK PANEL XP5100
	511-60647-000-F	BACK PANEL XP5100 MATERIAL
	516-20430-102-0	TOP COV
	516-20430-102-F	TOP COV XP2000/3000(B) 600/1000
	524-20007-012-0	HANDLE XP2000/3000(B)
	524-20007-012-F	HANDLE XP2000/3000
	525-00009-100-0	FEET D26.5*11 BLK
	527-50000-000-0	SPR REL BUSHING 7N-2
	528-00001-000-0	FAN NET WHT PWA2400 12"
	529-20026-001-0	LENS □□ PMMA 45.6*11.6
	540-20380-120-0	R/KNOB D9.5*10.0MM BLK
	540-20390-120-0	R/KNOB D18*18MM BLK
	543-30060-020-0	WIRE BUSHING SA-1519A 68-221-01
	552-20103-000-0	FIXED XP5000
	560-21370-000-0	CARTON XP5000/5100
	561-21510-000-0	G/B XP5000
	565-20052-021-0	LEFT POLYLON
	565-20054-021-0	RIGHT POLYLON
	568-00003-000-0	#10 240*340*0.05
	568-20018-000-0	PE BAG 630*630*0.07
	572-00000-050-0	DRYER 5g
	573-10124-010-0	GND LABEL MAR2
	573-20391-030-0	LABEL PIII3000 SIZE:233.69*15.6
	573-20391-034-0	PVC PANEL XP5000/5100
	573-60240-000-0	BAR CODE LABEL PHONIC
	573-60343-000-0	LABEL BLUE D=8mm
	573-61070-000-0	G/B LABEL SIZE:360*24mm
	574-34770-110-0	OWN. MANU. XP5000/5100
BACK PANEL&PANEL*4,BOSS*1	590-03008-200-0	M/E FLT SCR. M3.0*8 BLK D=6

Ref.	Phonic Part No.	Specifications
SP*4	590-03012-200-0	M/E FLT SCR. M3.0*12 BLK D=5.6mm
FIX PANEL&HANDEL*4	590-04008-100-0	M/E FLT SCR. M4.0*8 NI
VR_PCB*4,LED_ PCB*2,HEAKSINK AMP*6	590-33006-100-0	M/E RUD SCR. M3.0*6 NI
DB*6	590-43010-100-0	M/E PAN SCR. M3.0*10 NI
FAN*4	590-43016-100-0	M/E PAN SCR. M3.0*16 NI
FIX	590-44008-200-0	M/E PAN SCR. M4.0*8 BLK
BACK PANEL&PANEL*5	590-53006-200-0	M/E SET SCR. M3.0*6 BLK
XLR/JACK*4	591-03008-200-0	T/P FLT SCR. D3.0*8 BLK
FEET*4	591-54010-200-0	T/P SET SCR. D4.0*10 BLK
FIX FAN BRACKET FIX XLR*8,BOSS*1	600-00302-210-0	HEX. NUT M3.0*2.2 NI
GND	600-00602-010-0	HEX. NUT M6.0*2.0 NI
FAN*4,DB*6	610-00300-501-0	PLA. WAS. D3.0*D7.0*0.5 NI
	610-00300-516-0	FIBER WAS. D3*D8*0.5 RED
GND	610-30600-601-0	TOOTH WAS. D6.0*D11*0.6 NI
FAN*4,SP*4,DB*6	610-60301-006-0	SPR .WAS. D3*D5*1 NI
BOT COV&HEAT SINK GND	610-60401-001-0	PAN SPR. WAS. D4*7.6*1.0 NI
GND	615-10001-130-0	EARTH BOSS 2+5 NI
GND	615-10002-130-0	EARTH BOSS 10+5 NI
	615-20037-630-0	BOSS 25+6 M3
POWER_PCB&PANEL*4	615-60080-621-0	11MM NYLON PC SUPPORT GT65/212/1200H
	618-14180-662-0	SPEC FIXED PIN SR-2 WHT
SP*4	619-06380-320-0	PLA RIVET SR-3L
	630-20046-410-0	MYLAR INSU 268*48*0.5MM

MASTER PCB-PART LIST

Ref.	Phonic Part No.	Specifications
R98	000-10026-400-0	CF RES. 10 J 0.25W T
R87.88	000-13336-400-0	CF RES. 13K J 0.5W T
R108.109.119.120.129.130.141.142	000-20426-400-0	CF RES. 200K J 0.25W T
RV1	000-22006-400-0	CF RES. 22 J 1/8W T
R82.85	000-39026-400-0	CF RES. 39 J 0.25W T
R32	000-47046-400-0	CF RES 47 J 1W
R314	000-68206-400-0	CF RES. 6K8 J 1/8W T
R25-30.76-81	003-22093-603-0	CEMENT RES. 0.22R J 5W SOF-05
R74	005-12016-200-0	MOF RES. 12 J 1W M
R92.96.101.102.105.116.126.138	005-12056-200-0	MOF RES. 12 J 5W M
R31	005-13016-200-0	MOF RES. 13 J 1W M
R97	005-22316-200-0	MOF RES. 22K J 1W
R40.56	005-27716-200-0	MOF RES. 2.7 J 1W M
R46	005-33316-200-0	MOF RES. 33K J 1W M
R310	005-39756-100-0	MOF RES. 3.9 J 5W P
R103.114.136.148	005-51256-200-0	MOF RES. 5.1K J 5W M
R100	006-10002-440-0	MF RES. 100 F 0.25W T
R93.94	006-91013-440-0	MF RES. 9K1 F 0.5W T
R110.121.131.143.3	008-01001-600-0	CHIP RES. 10 J 1206
R2.44.5.66.214	008-01011-600-0	CHIP RES. 100 J 1206
R13.39.61	008-01021-600-0	CHIP RES. 1K J 1206
R12.16.41.53	008-01031-600-0	CHIP RES. 10K J 1206
R43.45.49.70	008-01041-600-0	CHIP RES. 100K J 1206
R7.113.301	008-01221-600-0	CHIP RES. 1.2K J 1206
R69.75.86	008-01231-600-0	CHIP RES. 12K J 1206
R42	008-01331-600-0	CHIP RES. 13K J 1206
R134	008-01521-600-0	CHIP RES. 1K5 J 1206
R9.47	008-01541-600-0	CHIP RES. 150K J 1206
R1	008-02011-600-0	CHIP RES. 200 J 1206
R36	008-02021-600-0	CHIP RES. 2K J 1206
R6.10.11.20	008-02031-600-0	CHIP RES. 20K J 1206
R73.122	008-02221-600-0	CHIP RES. 2.2K J 1206
R8.19.22	008-02711-600-0	CHIP RES. 270 J 1206
R15	008-02731-600-0	CHIP RES. 27K J 1206
R62.64	008-03011-600-0	CHIP RES. 300 J 1206
R107.128.144.38.52.57.67.68.83.99	008-03021-600-0	CHIP RES. 3K J 1206
R34	008-03621-600-0	CHIP RES. 3.6K J 1206
R58	008-03911-600-0	CHIP RES. 390 J 1206
R14.35	008-03931-600-0	CHIP RES. 39K J 1206

Ref.	Phonic Part No.	Specifications
R215	008-03951-600-0	CHIP RES. 3.9M J 1206
R65.90.111.112.123.124.1 32.133.145.146	008-04721-600-0	CHIP RES. 4.7K J 1206
R106.117.127.135.139.1 47.37	008-04731-600-0	CHIP RES. 47K J 1206
R104.115.125.137	008-04741-600-0	CHIP RES. 470K J 1206
R24.84	008-04771-600-0	CHIP RES. 4.7 J 1206
R216.302	008-05111-600-0	CHIP RES. 510 J 1206
R303	008-05601-600-0	CHIP RES. 56 J 1206
R118.140.59.60	008-05921-600-0	CHIP RES. 5.9K J 1206
R71	008-06211-600-0	CHIP RES. 620 J 1206
R72	008-06811-600-0	CHIP RES. 680 J 1206
R50	008-06821-600-0	CHIP RES. 6.8K J 1206
R33	008-06831-600-0	CHIP RES. 68K J 1206
R51.4.48	008-07521-600-0	CHIP RES. 7.5K J 1206
R18.209	008-08210-600-0	CHIP RES. 820 J 0805
R55.63	008-09131-600-0	CHIP RES. 91K J 1206
R54.89	008-46431-400-0	CHIP RES. 464K F 1206
R95	008-75001-400-0	CHIP RES. 750 F 1206
NTC1	011-10020-001-0	THERMISTER NSA05C310-301
VR1	020-10134-000-0	T/VR. 100 0.5W D8 S 3M
C16.19.57.62	030-10646-0A0-0	E/C 10MF 35V T 5*11
C4.14.23.45.50.55.60	030-10736-0A0-0	E/C 100MF M 25V 8*11 T
C30-41	030-12966-0A0-0	E/C 12000MF 63V M
C24.25	030-22738-0A0-0	E/C 220MF Z 25V 8*14 T
C1.27	032-10728-000-0	NP E/C 100MF Z 16V 8*13 P
C42	032-22655-0A0-0	NP E/C 22UF K 50V 8*11 T
C5.10	039-10124-110-0	CHIP C/C 100P J 50V 1206
C8	039-10225-000-0	CHIP C/C 0.001UF K 50V 0805
C7.46.51	039-10425-000-0	CHIP C/C 0.1MF K 50V 0805
C13.15.17.20.22	039-22225-100-0	CHIP C/C 0.0022UF 50V K 1206
C9	039-27024-100-0	CHIP C/C 27PF J 50V 1206
C18	039-33225-000-0	CHIP C/C 0.0033MF K 50V 0805 10%
C2	039-56214-020-0	CHIP C/C 0.0056MF J 25V 0805
C26	040-15054-000-0	ML/C 15PF J 200V
C44.47.49.52.54.56.59.61	040-47034-000-0	ML/C 47PF J 100V
C116	042-22426-000-0	C/C2 0.22MF M 50V 5
C43.48.53.58	046-10326-160-0	M/C 0.01MF M 250VDC T
C109	046-10424-000-0	M/C 0.1MF J 250V 10
C106.107.108	046-10425-160-0	M/C 0.1MF K 250VAC T
C21	046-15224-000-0	M/C 0.0015MF J 250V
C3	046-22224-000-0	M/C 0.0022MF J 250V 5 T

Ref.	Phonic Part No.	Specifications
C28.29	046-68325-000-0	M/C 0.068MF K 250V 10
L1	075-10082-100-0	INDUCTANCE 1UH K M
D3.13	090-00016-000-0	DIODE 1N5404 □□
D16.19.21.27	090-00051-000-0	DIODE MUR1520
D25.31	090-01103-100-0	Z/DIODE 10V 1W PPC9000/E
D15.18	090-01123-110-0	Z/DIODE 12V K 1W MOTOROLA
D7.12	090-01153-100-0	ZEN/DIODE 15V J 1W FAIRCHIL
D24.30.40	090-01392-000-0	ZEN/DIODE 3.9V J 0.5W
D1.10.101.11.14.17.2.20.2 2.23.28.29.4.6.8	090-02000-020-0	DIODE 1N4148 T26MM MINI
D5.9	090-02004-000-0	DIODE 1N4935 T
BD4.5	090-10008-100-0	B/DIODE KBPC 3506W
BD3	090-10016-000-0	B/DIODE KBPC5006
Q11.16.18	120-00001-010-0	TRN 2SC2240 TO-92-D REEL(TO)
Q13.17.20.23.25	120-00002-100-0	TRAN. 2N3904 RCA
Q32.36.39.42.45	120-00010-600-0	TRAN. 2SC2655Y TOSHIBA
Q26-31	120-00012-600-0	TRN. 2SC5359
Q9	120-00012-700-0	TRN. MJE15032
Q12.55	121-00000-500-0	TRP 2SA970-BL TO-92-D REEL (TO)
Q1.15.19.21.24	121-00001-200-0	Tr. 2N3906 DIP ON
Q2.38.41.44.47	121-00008-400-0	TRAN. 2SA1020Y TOSHIBA
Q3-8	121-00009-800-0	TRN. 2SA1987
Q22	121-00009-900-0	TRN. MJE15033
Q34.35	121-00100-000-0	TRN. 2N5064 (SCR)
Q37.40.43.46	122-00004-900-0	MOSFET IRF1407
Q33	159-01004-000-0	TRIAC BTA41-600B (ST)
U10	160-00003-710-0	IC LM324N DIP(ST/NS)
U1.3	160-00005-200-0	IC NJM5532D JRC
U4-7	160-00029-300-0	IC NJM311M SMD (JRC)
U2	160-00029-400-0	IC NJM13700M SSOP16 (JRC)
TMP/SW 90□	210-10090-001-0	TMP/SW US-602SXRFCQ
JK5/6	211-03400-021-0	SPEAKON/J SVP563S-CH
CN13.CN14*0.5	211-10021-161-0	2P WAFER/S TJC3-2A P=2.5MM
JP4/S	211-1006A-000-0	6P WAFER/S
GND-L*1,L_SP-,R_SP-*1	212-10010-680-0	1P WAFER/P 80MM UL1015#14 BLK
L_SP+,R_SP+	212-10010-720-0	1P WAFER/P 80MM UL1015#14 RED
CN12	212-10032-370-0	3P WAFER/P 250MM UL1007#24 PH=2.5MM
JP3	212-10070-670-0	7P WAFER/P 180MM
JP1	212-10081-010-0	8P W/P UL1007#24 P2.54 220MM
JP10	212-10141-000-0	14P WAFER/P UL1007#24 450MM P=2.5
F1	280-3038B-000-0	FUSE 30A 250V UL/CSA/JIS
F1	281-00000-010-0	FUSE CLIP FH-1208

Ref.	Phonic Part No.	Specifications
	290-34770-102-0	XP5000 MASTER PCB
Q9.22.37.40.43.46.D16.1 9.21.27	313-00000-000-0	TRANSISTOR WASHER TO-220
Q9.22.37.40.43.46.D16.1 9.21.27	314-00000-050-0	BUSHES 602S(V.0)
J4.7-9.11-19,SP+/-	315-00012-000-0	LUG PIN JP-15
JP4/P	380-20068-000-0	6P WAFER/P 1015#16 PH=6.5 400MM
JP101	380-90025-000-0	UL1015#14 400mm RED
JP102	380-90026-000-0	UL1015#14 400mm BLK
Q3-8.37.40.43.46.26- 31.D16.19.21.27	526-20084-010-0	HEAT SINK 370*40*124
Q9.22	526-20085-010-0	HEAT SINK 15*10*40
AMP_PCB&FIXED	552-20099-000-0	PCB FIXED XP5000
Q3-8,Q26-31	552-20102-400-0	FIXED
AMP_PCB & HEAK SINK*9,PCB_FIXED & HEAK*3*(2)	590-43006-100-0	M/E PAN SCR. M3.0*6 NI
D16.19.21.27.37.40.43.46 *8,TMP*1,NTC1-*1	590-43008-100-0	M/E PAN SCR. M3.0*8 NI
Q3-8.26-31	590-43020-100-0	M/E PAN SCR. M3*20 NI
Q9.22	591-43008-100-0	T/P PAN SCR. M3*8 NI
GND&31	600-00302-210-0	HEX. NUT M3.0*2.2 NI
Q9.22.D16..19..21..27	610-00300-501-0	PLA. WAS. D3.0*D7.0*0.5 NI
Q3-9.22.D16.19.21.27.Q3 7.40.43.46,TMP*1,NTC1* 1,Q26-31	610-60301-006-0	SPR .WAS. D3*D5*1 NI
	610-60401-001-0	PAN SPR. WAS. D4*7.6*1.0 NI

LIMIT+INPUT+LED PCB-PART LIST

Ref.	Phonic Part No.	Specifications
R208	000-10336-400-0	CF RES.10K J 0.5W T
R308	000-62126-400-0	CF RES. 620 J 0.25W T
R309	000-75126-400-0	CF RES. 750 J 0.25W T
R151	003-12003-600-0	CEMENT RES. 120 J 5W
R307.307A.310.310A	006-10012-420-0	MF RES. 1K F 0.25W M
R210.211.304.304A.305.305A.306.306A	006-15012-420-0	MF RES. 1K5 F 0.25W M
R155	006-16912-440-0	MF RES. 1K69 F 0.25WT
R150	008-01001-600-0	CHIP RES. 10 J 1206
R154	008-01011-600-0	CHIP RES. 100 J 1206
R160.163.180.182.198.200.202	008-01031-600-0	CHIP RES. 10K J 1206
R171-176.189-191.193.195.196	008-01041-600-0	CHIP RES. 100K J 1206
R205.207	008-01231-600-0	CHIP RES. 12K J 1206
R159	008-01521-600-0	CHIP RES. 1K5 J 1206
R23.23A.187.204	008-01531-600-0	CHIP RES. 15K J 1206
R158.165	008-01841-600-0	CHIP RES. 180K J 1206
R153	008-02221-600-0	CHIP RES. 2.2K J 1206
R164	008-02231-600-0	CHIP RES. 22K J 1206
R167.212.213	008-02431-600-0	CHIP RES. 24K J 1206
R157	008-03901-600-0	CHIP RES. 39 J 1206
R152.161	008-04731-600-0	CHIP RES. 47K J 1206
R156.162	008-04741-600-0	CHIP RES. 470K J 1206
R149	008-05921-600-0	CHIP RES. 5.9K J 1206
R206	008-08211-600-0	CHIP RES. 820 J 1206
R177.184-186.188.192.194.197	008-10021-400-0	CHIP RES. 10K F 1206
R21.21A	008-47511-400-0	CHIP RES. 4.75K F 1206
R17.17A	008-47521-400-0	CHIP RES. 47.5K 1206
RT2-5	011-00000-020-0	PTC FRX110-60V
RT1.1A	012-80090-000-0	NTC 0.8 (D=27MM)
VR2.2A	023-50230-040-0	D.ROT/VR 5KA 20MM P
C63	030-10838-006-0	E/C 1000MF Z 25V 10*21
C65.67	030-22836-001-0	E/C 2200MF M 25V 13*26 P
C72-74.92-94.82.104.111.112	032-22626-0A0-0	NP E/C 22MF M 16V 5*11 T
C64.86.88	039-10425-000-0	CHIP C/C 0.1MF K 50V 0805
C84.85.102.103	039-47124-100-0	CHIP C/C 470PF J 50V 1206
C66.88	039-47425-000-0	CHIP C/C 0.47UF Z 50V 0805
C77.83.87.98	042-12125-050-0	C/C2 120PF K 50V T 5
C6.6A.11.11A	046-10404-160-0	M/C 0.1MF J 50V (MINI TYPE)

Ref.	Phonic Part No.	Specifications
C105	046-10424-000-0	M/C 0.1MF J 250V 10
C69.75.89.95	046-12304-160-0	M/C 0.012MF J 50V (MINI TYPE)
C79.99	046-12404-160-0	M/C 0.12MF J 50V (MINI TYPE)
C12.12A	046-22404-160-0	M/C 0.22MF J 50V (MINI TYPE)
C71.78.91.97	046-56204-060-0	M/C 0.0056MF J 50V T
C81.101	046-56304-160-0	M/C 0.056MF J 50V (MINI TYPE)
C70.76.90.96	046-82204-160-0	M/C 0.0082MF J 50V (MINI TYPE)
C80.100	046-82304-160-0	M/C 0.082MF J 50V (MINI TYPE)
D36	090-01752-110-0	ZEN/DIODE 7V5 1W J PPC1100/1200
D32-35.37.38	090-02000-020-0	DIODE 1N4148 T26MM MINI
BD1.2	090-10000-000-0	B/DIODE PB154
LD5.5A	100-00040-000-0	LED BL-B3141 YLW
LD2.2A.3.3A.4.4A	100-00050-000-0	LED BL-B2141 GRN
LD1.1A	100-00060-070-0	LED RED 3MM(DUAL CHIP)
LD15	100-00110-000-0	LED BL-R5132N RED
LD16	100-00150-020-0	LED LG5120 GRN
LD6-14	100-00240-000-0	LED BL-R3130-T YLW
Q51.52	120-00002-100-0	TRAN. 2N3904 RCA
Q50	120-00012-800-0	TRAN. 2SD2012 TOSHIBA
Q48.49.53.54	121-00001-200-0	Tr. 2N3906 DIP ON
U11	160-00005-200-0	IC NJM5532D JRC
U8.9	160-00029-200-0	IC NJM2060V SMD (JRC)
SW1.2	210-00204-010-0	ROT/SW 28MM
SW4	210-01202-360-6	SLD/SW SS-22F20G8
SW3	210-07120-010-0	DIP/SW DIP-12
JK1.3	211-01602-560-0	6D4/J YLJ-6405-300 (NUT&WASHER)
JK2.4	211-03300-160-0	XLR/J SKCA229-1K3F2
SW3	211-09121-001-0	12P B.E./S H=23mm PH=2.54MM
JP5	211-10021-150-0	2P WAFER/S 5267 A2505 WV P=2.5MM
CN6.7.11.	211-10021-161-0	2P WAFER/S TJC3-2A P=2.5MM
CN12	211-10031-171-0	3P WAFER/S TJC3-3A PH=2.5MM
JP8.9	211-10034-080-0	HEADER AMP 640445-3
CN3.3A	211-10071-100-0	7P WAFER/S TJC3-7A PH=2.5MM
CN1.1A	211-10081-140-0	8P WAFER/S A2501WV2-8P
CN10A.10B	211-10141-050-0	14P WAFER/S A2501WR2-14P P=2.5mm
	211-24500-001-0	BARRIER JACK GGB40-02 5 POLE
JP72.73	212-10010-650-0	1P WAFER/P 100MM UL1015#14 RED
JP14	212-10023-120-0	2P WAFER/P 480MM UL1007#26
JP6.11	212-10023-410-0	2P WAFER/P 150MM
JP7	212-10023-610-0	2P WAFER/P 160MM
	290-34770-202-0	XP5000 LIMIT+INPUT+LED PCB

Ref.	Phonic Part No.	Specifications
J51-58.51A-58A.71	315-00012-000-0	LUG PIN JP-15
C75.76.78.95.96.97	382-20005-010-0	TINNER WIRE 5.0MM D0.6
Q50	526-20085-010-0	HEAT SINK 15*10*40
BARRIER JACK*4,SW3*4	590-53008-200-0	M/E SET SCR. M3.0*8 D=6 BLK
Q50	591-43008-100-0	T/P PAN SCR. M3*8 NI
SW4*2	610-00301-018-0	FIBER WAS. D3.0*8*1
Q50	610-60301-006-0	SPR .WAS. D3*D5*1 NI
BARRIER JACK	615-10053-620-0	HEX. BOSS L=17 M3 (H-17)
LD15.16	615-10054-620-0	LED BOSS L=6MM
SW3	615-20062-620-0	BOSS H-18
LD1/1A,2/2A,3/3A,4/4A,5/ 5A	615-20104-620-0	LED HOLDER 3LED-3

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