

POWERED MIXER

POWERPOD 1060

SERVICE MANUAL



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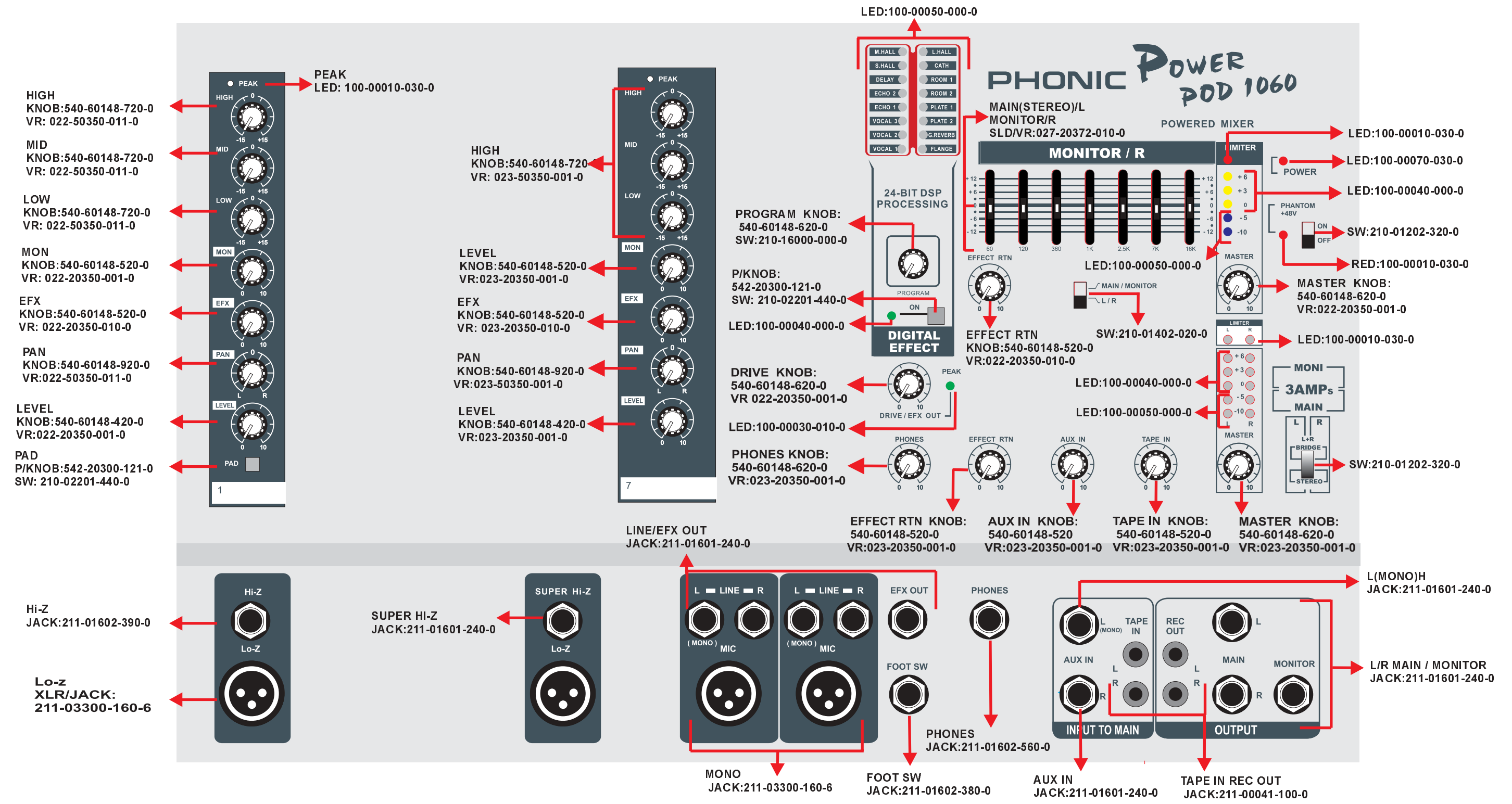
POWERED MIXER

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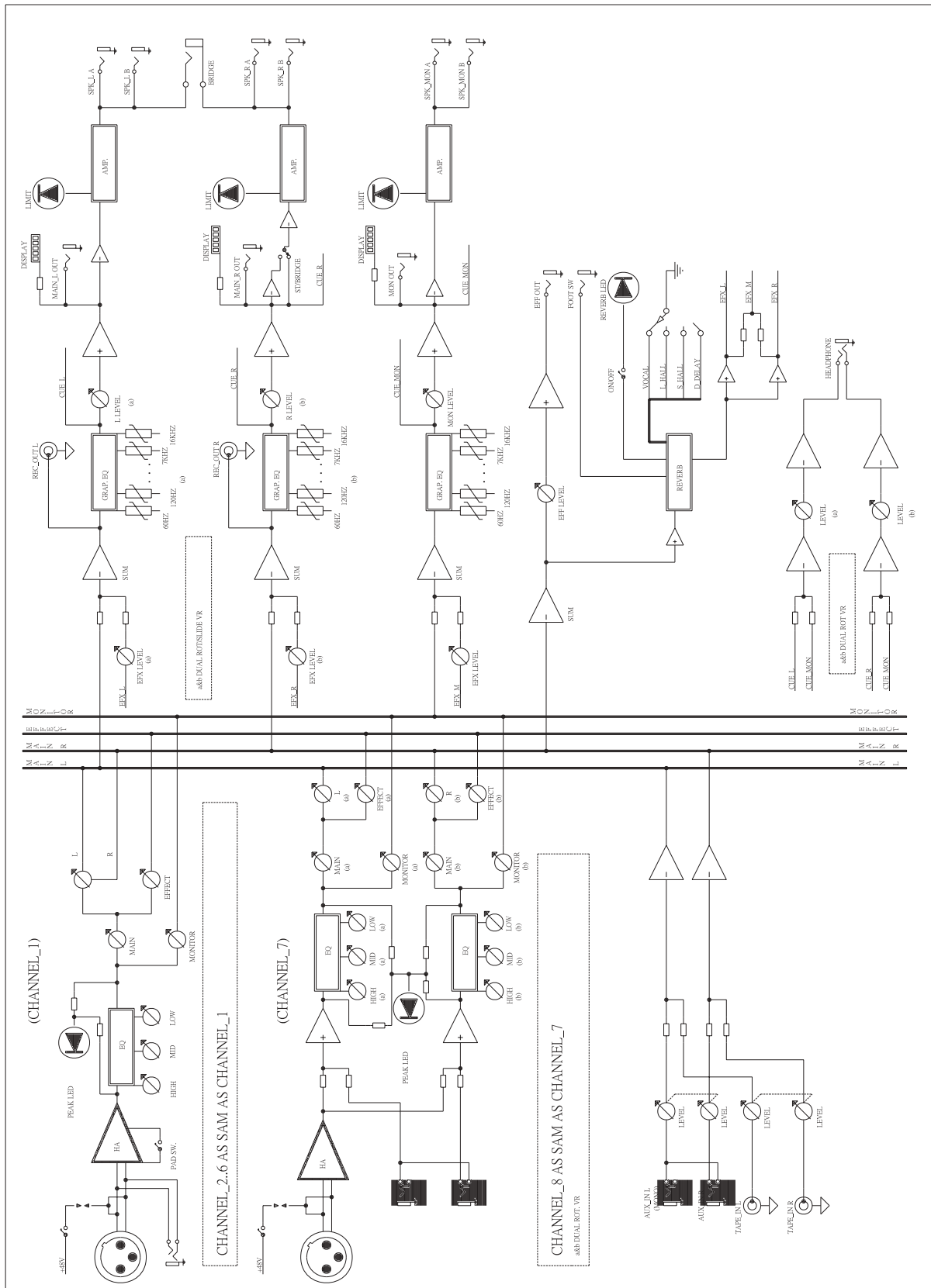
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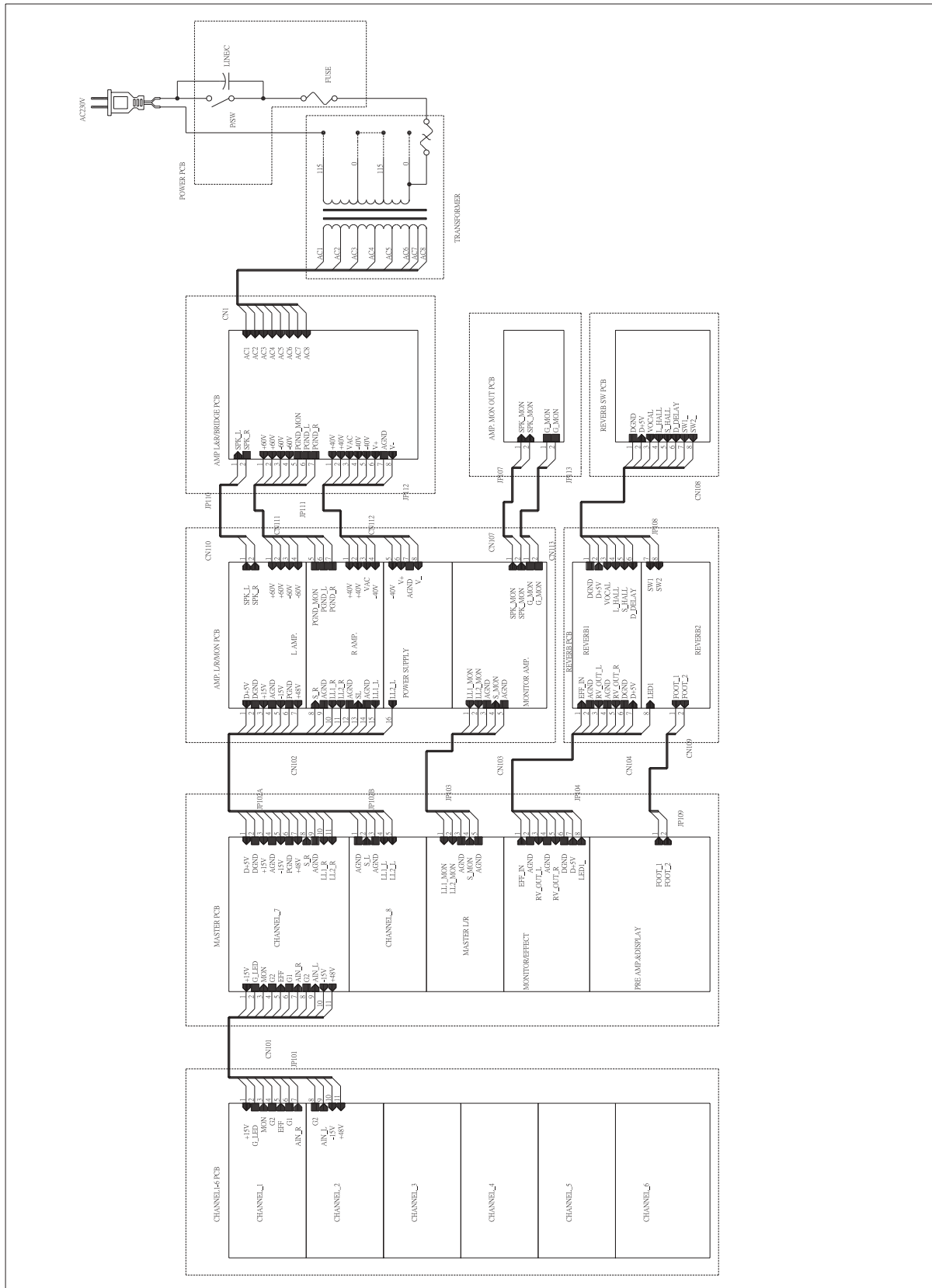
V2.1 June. 9, 03



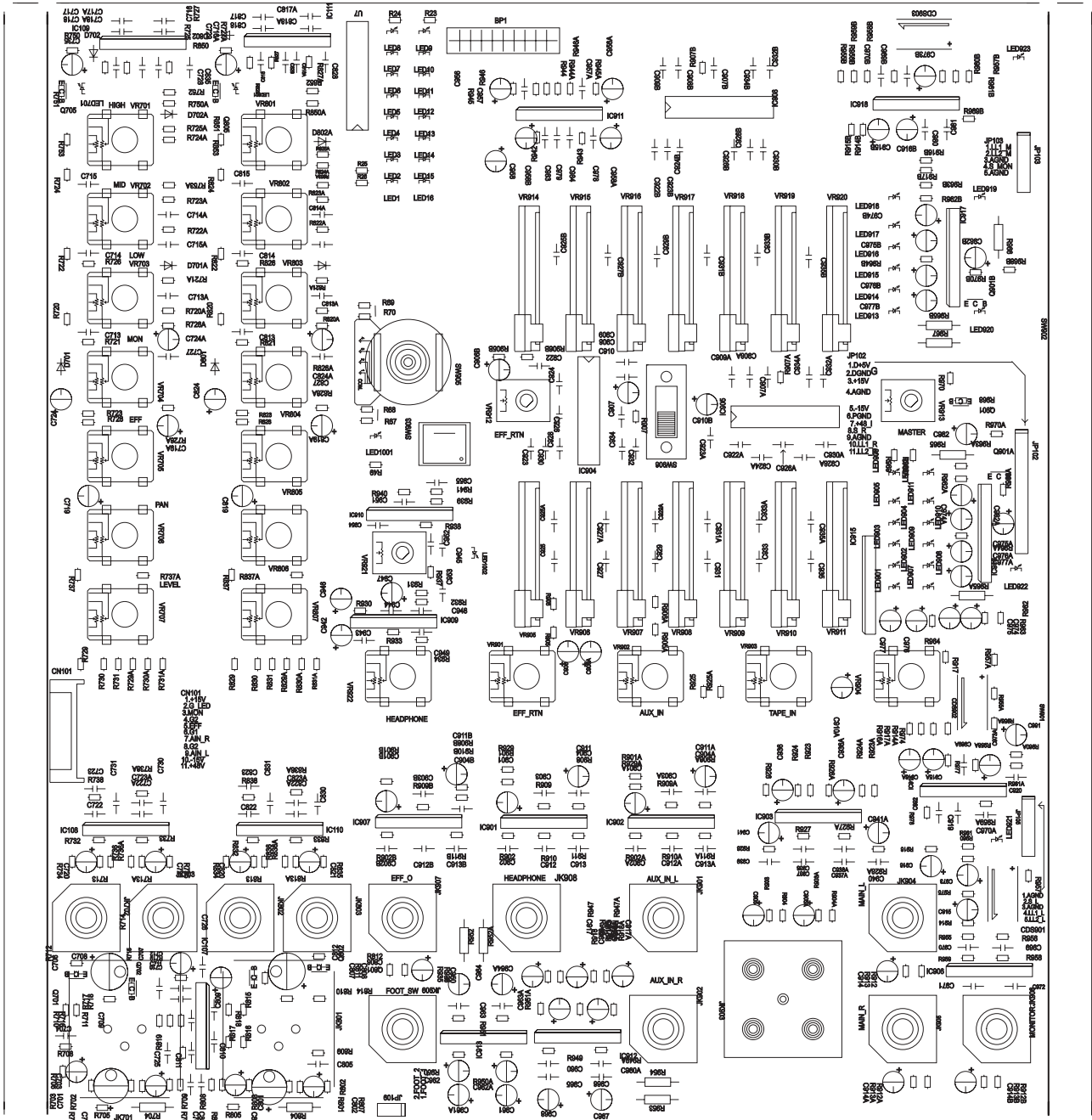
SYSTEM BLOCK DIAGRAM



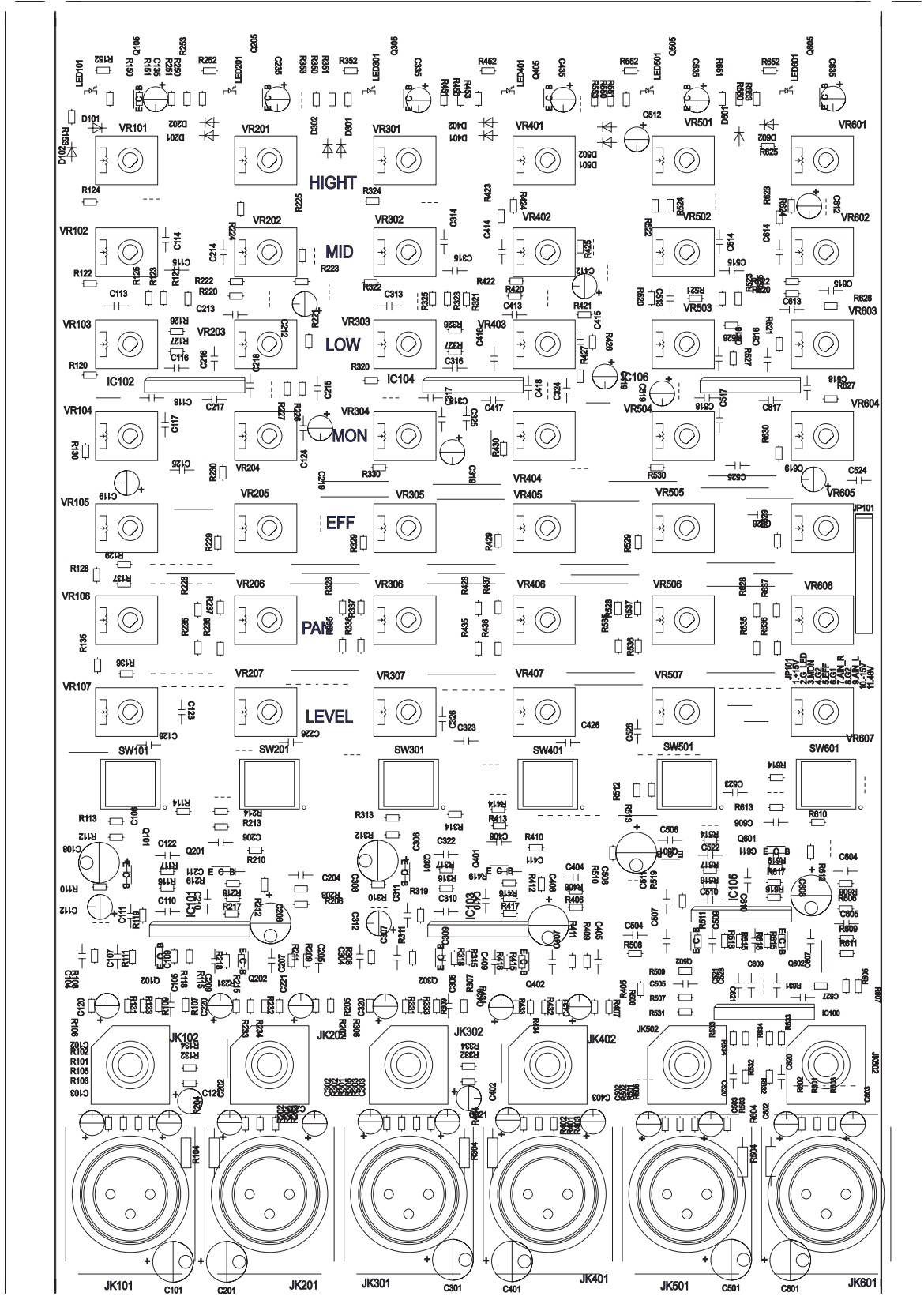
REAR SYSTEM BLOCK DIAGRAM



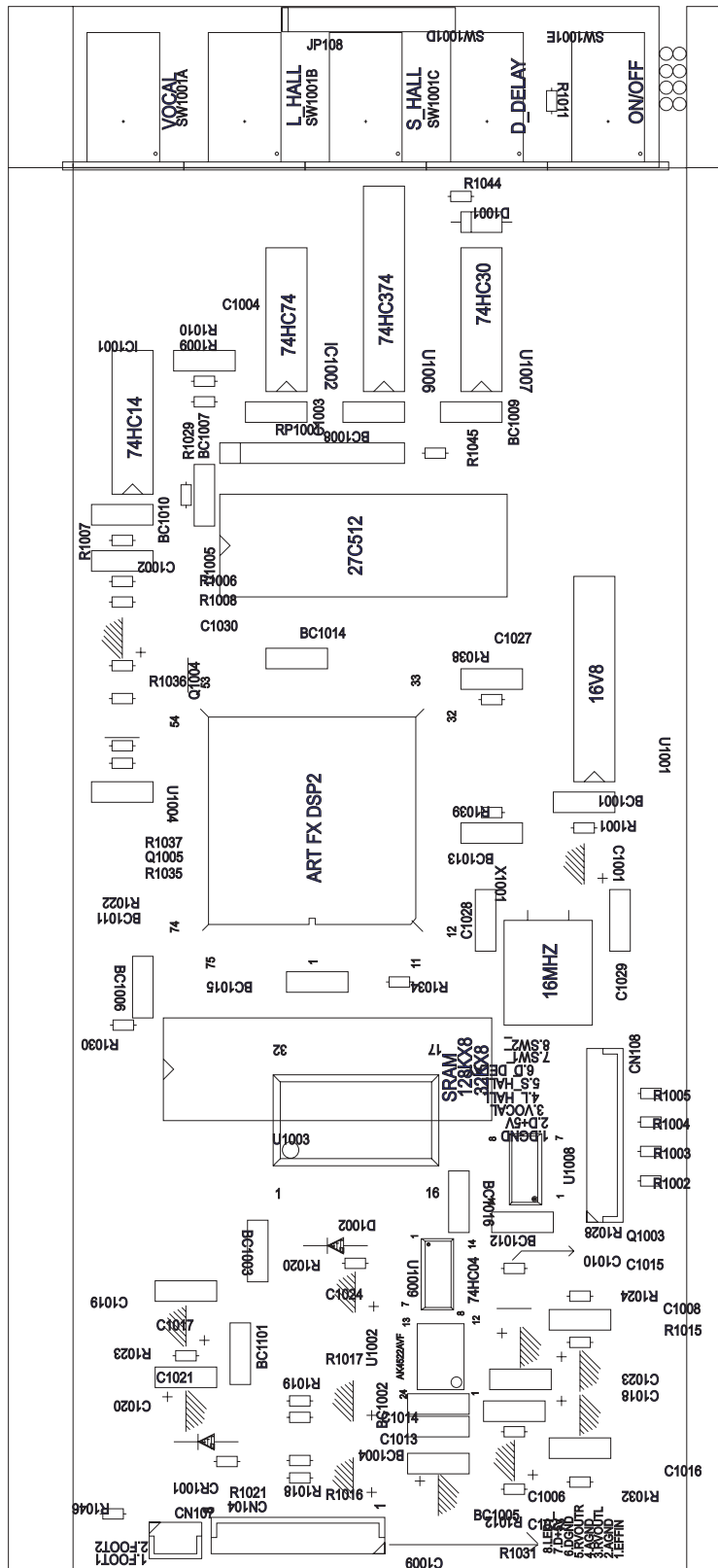
MASTER + CH7_8 & EFFECT PCB



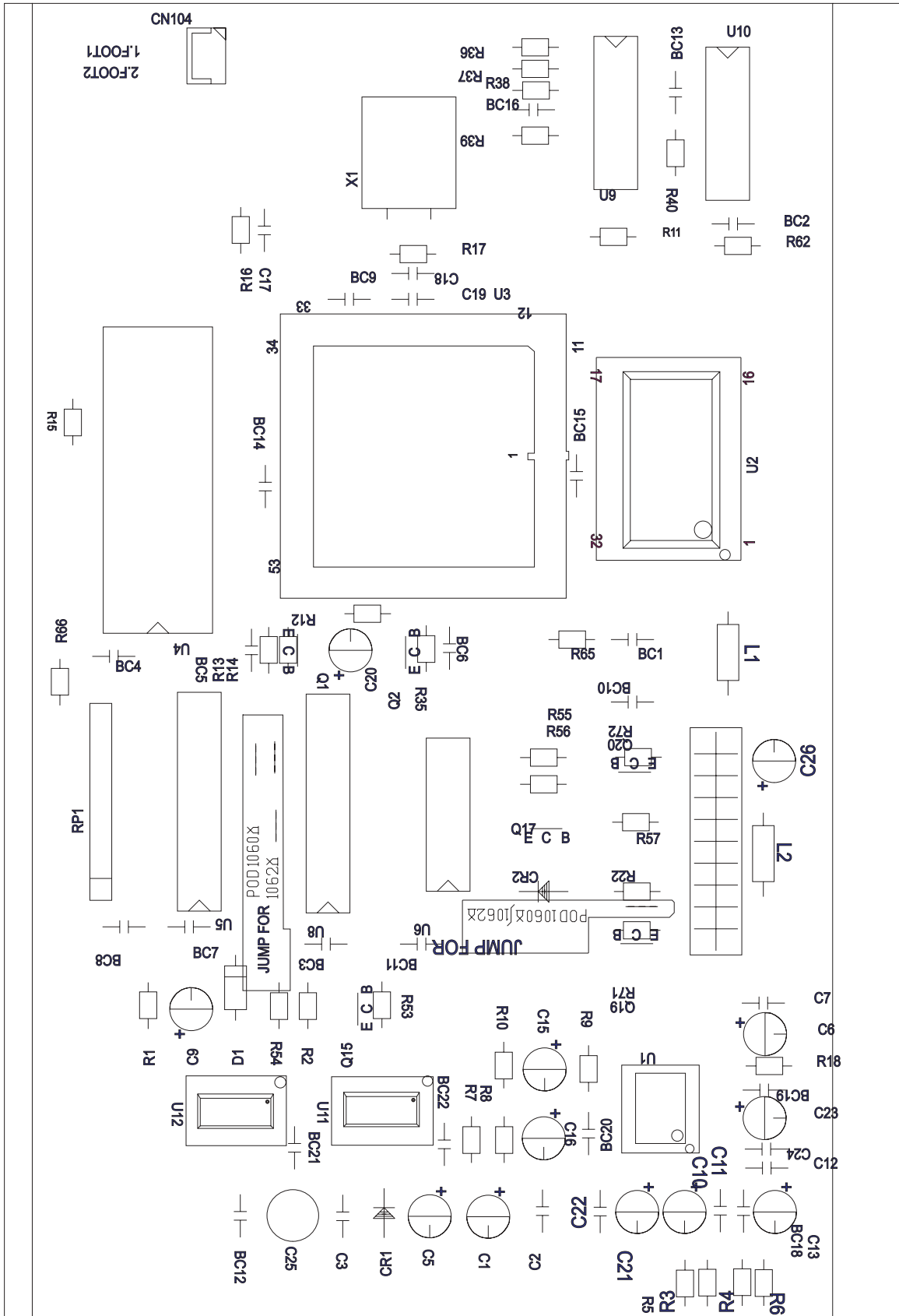
CHANNEL1_6 PCB



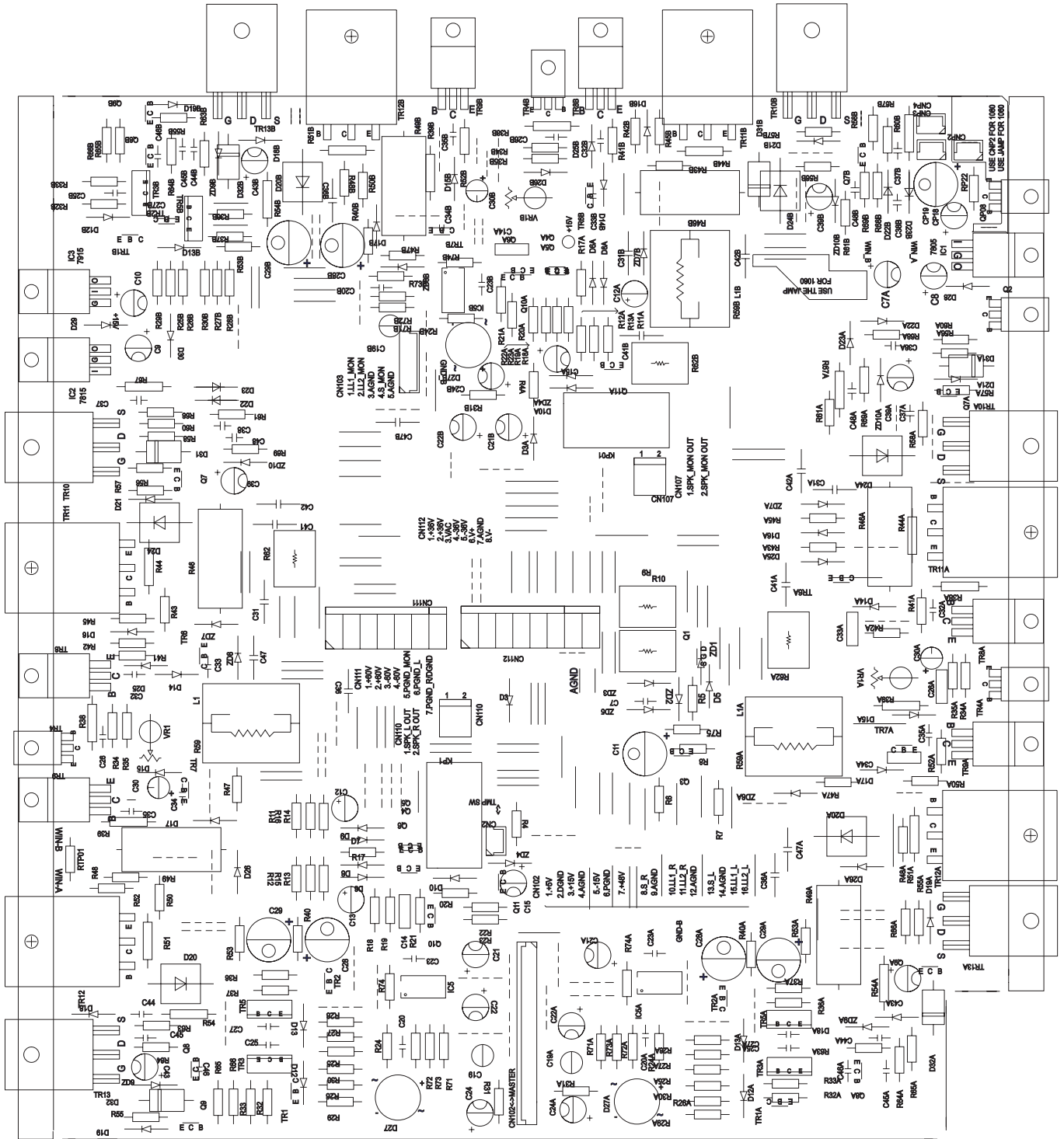
DSP PCB



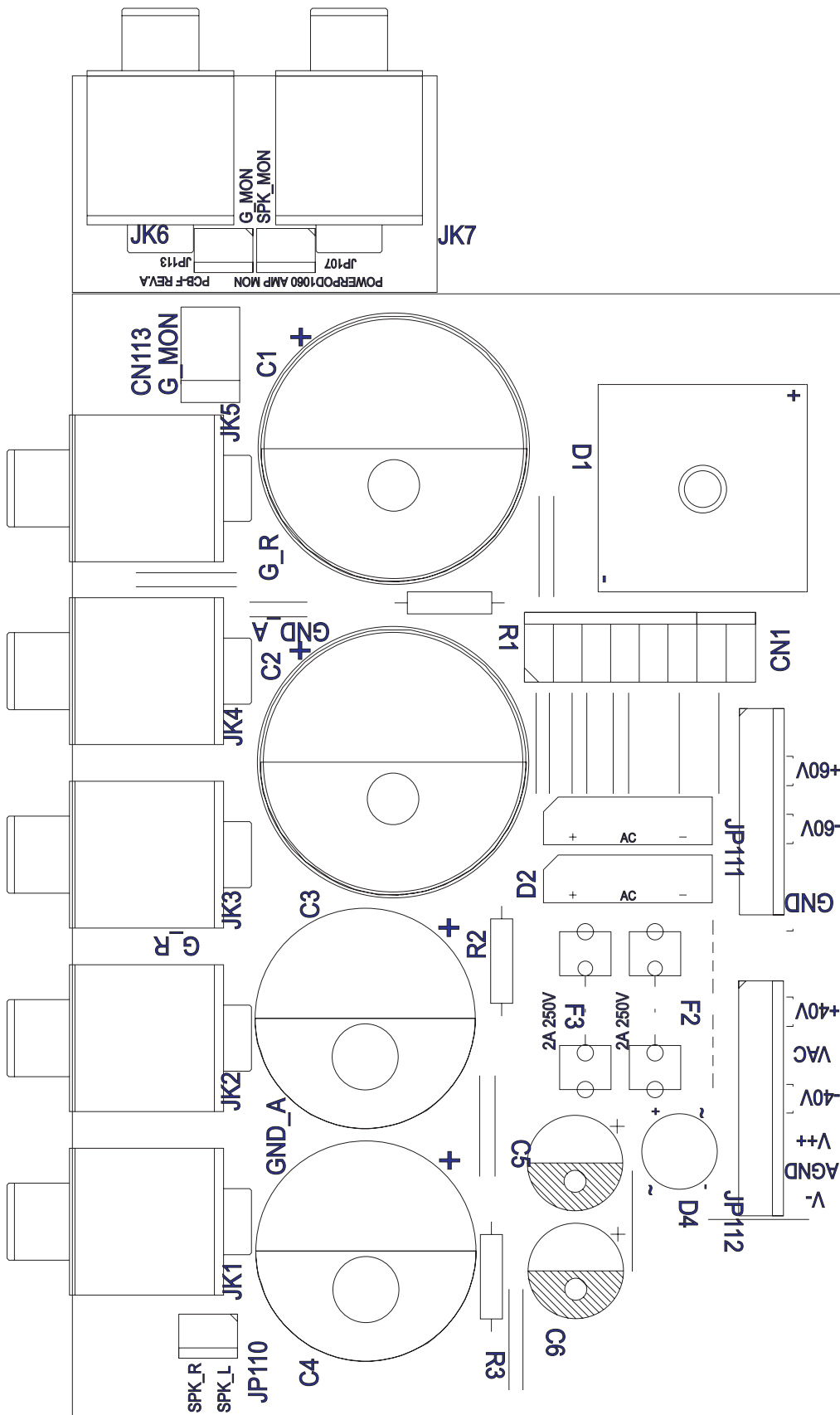
DSP SOLDER PCB



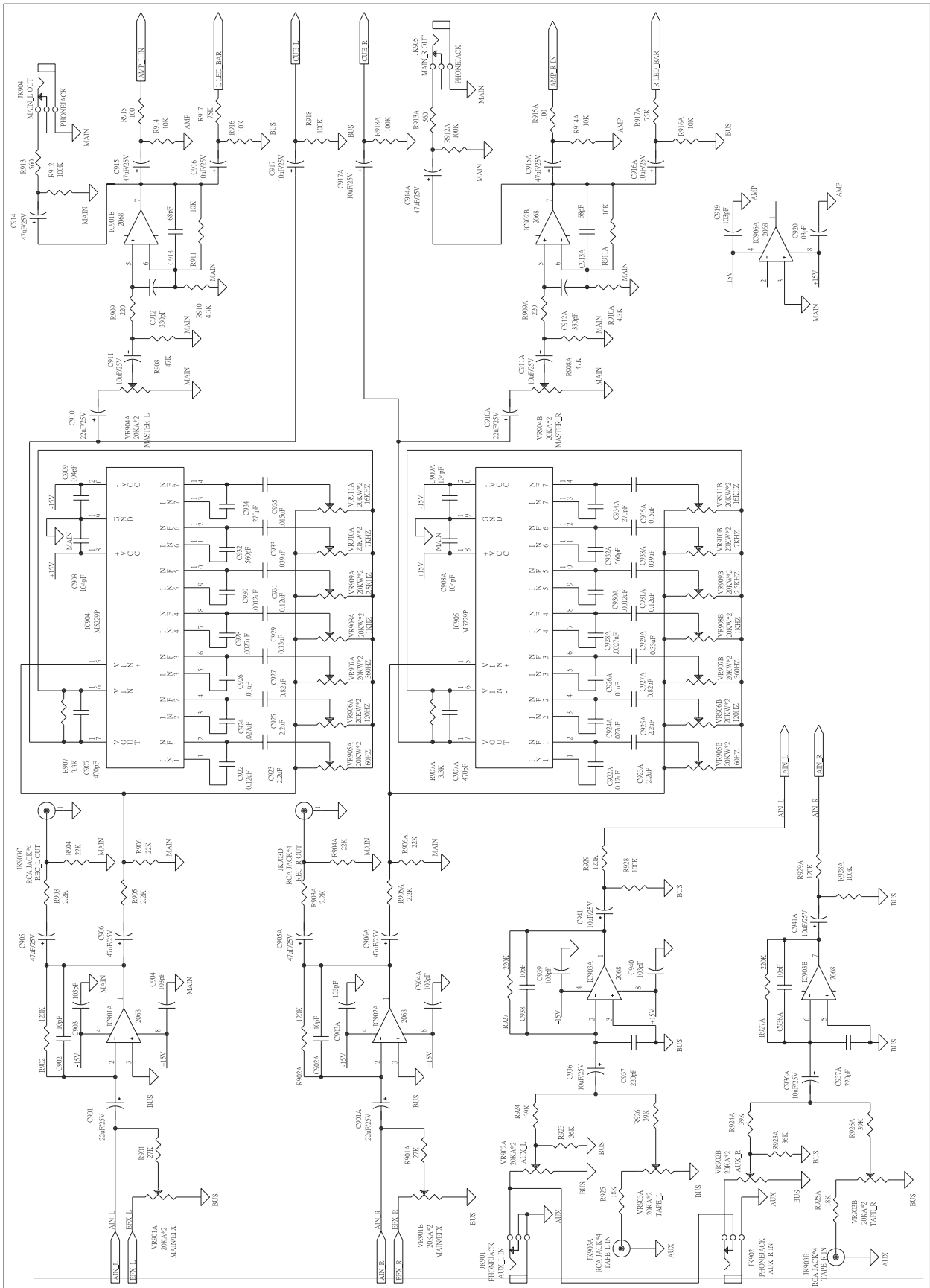
AMPLIFIER PCB



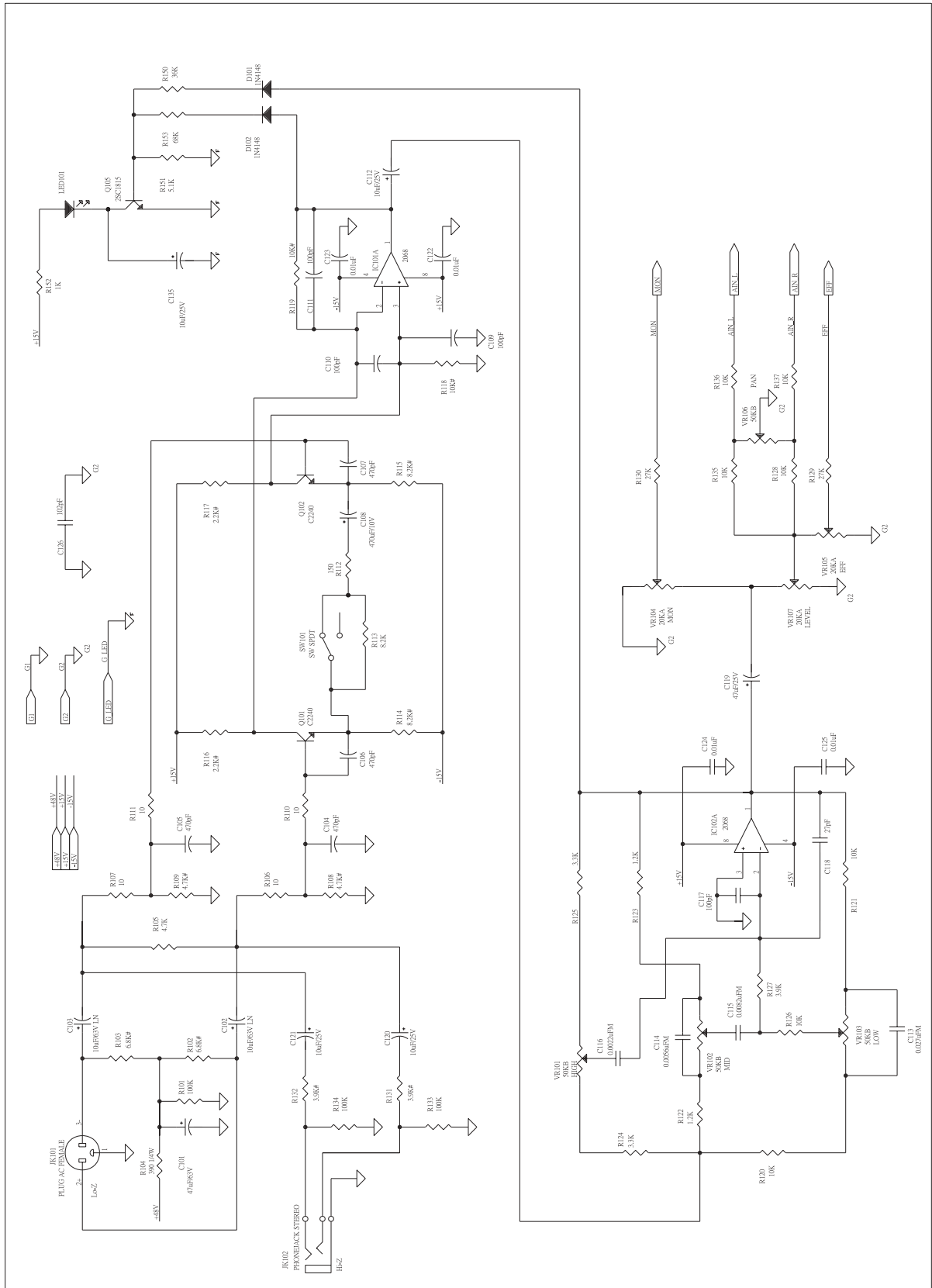
POWER SUPPLY PCB



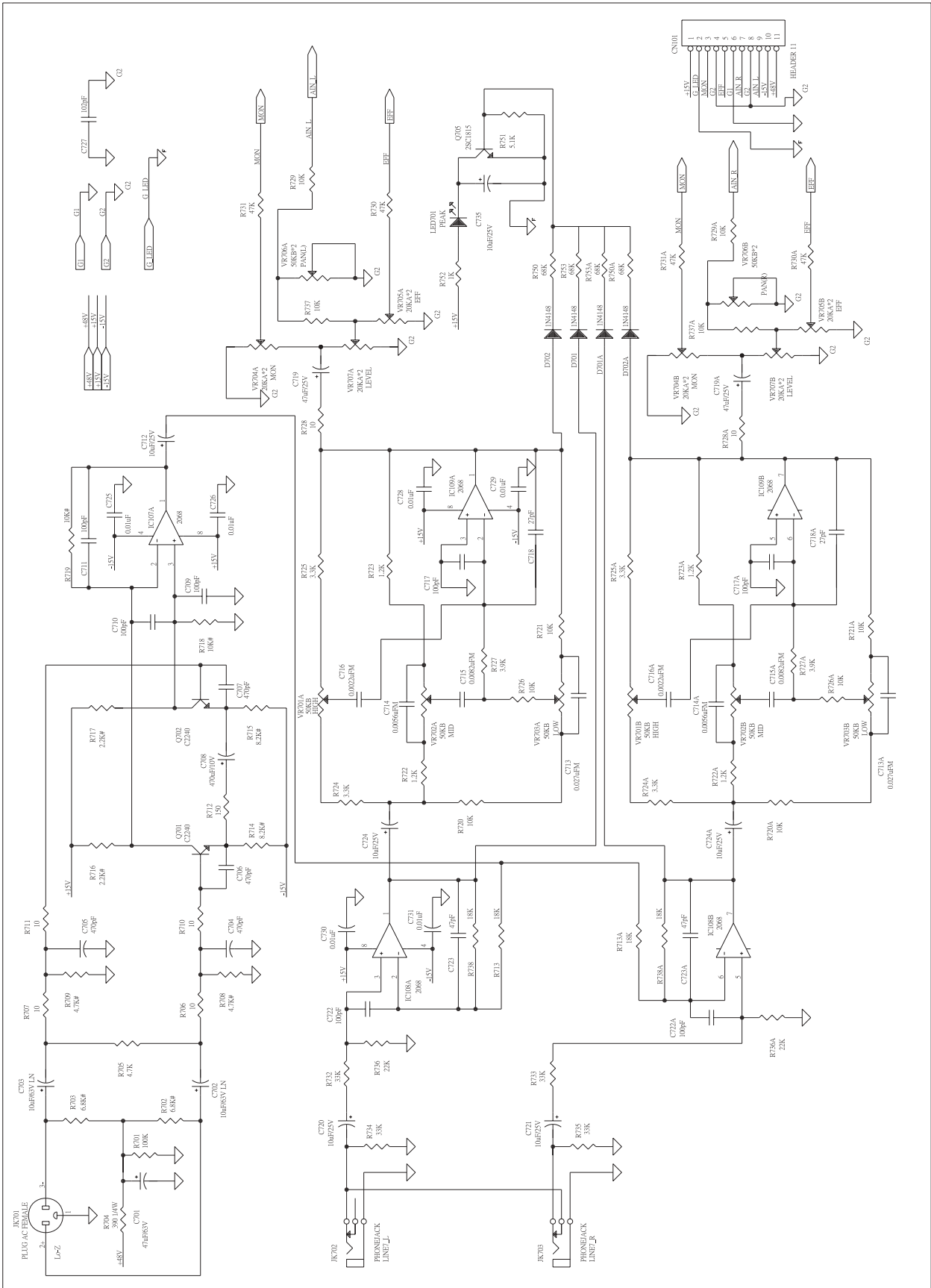
L/R SUM MASTER SCHEMATIC



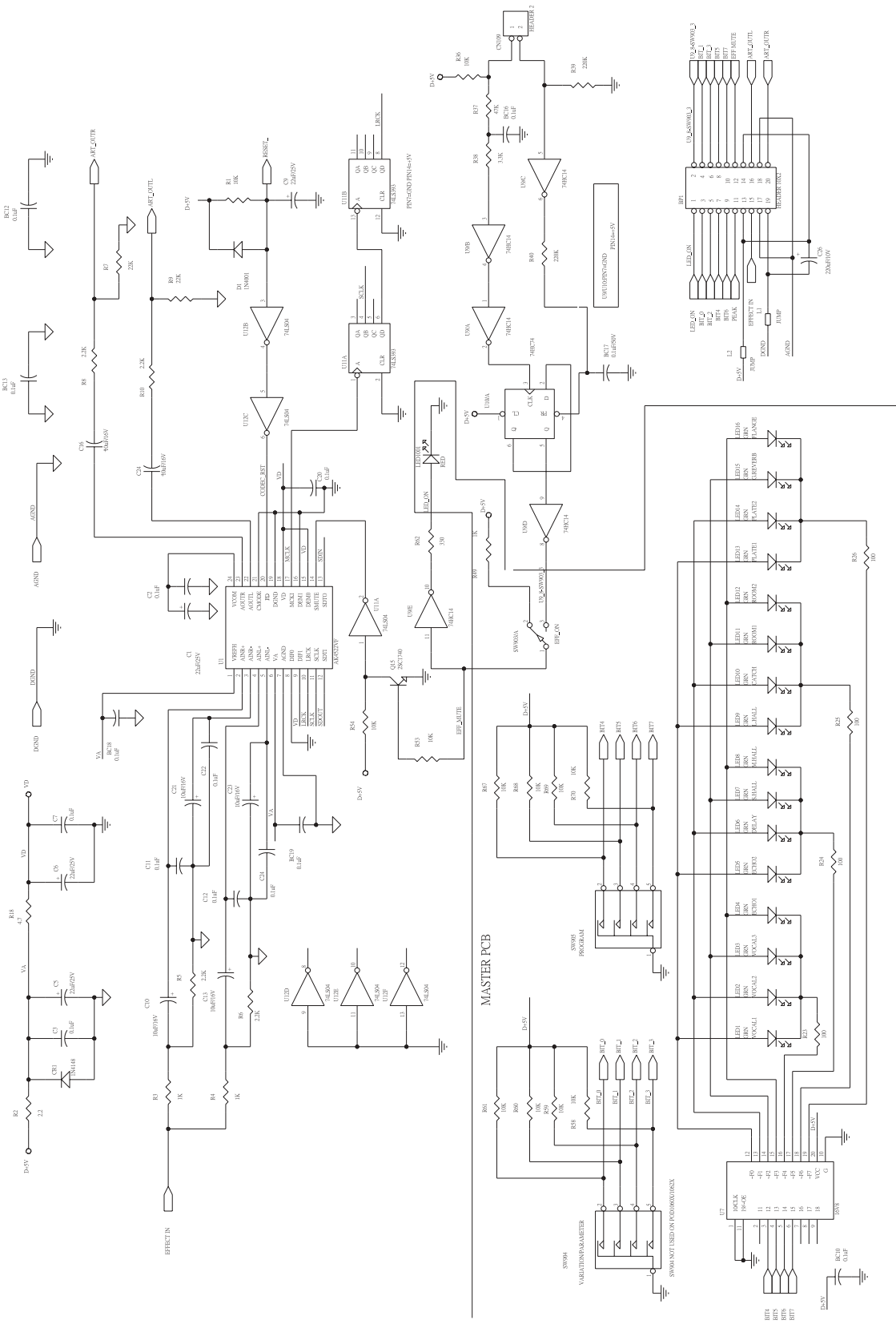
CH1_6 SCHEMATIC



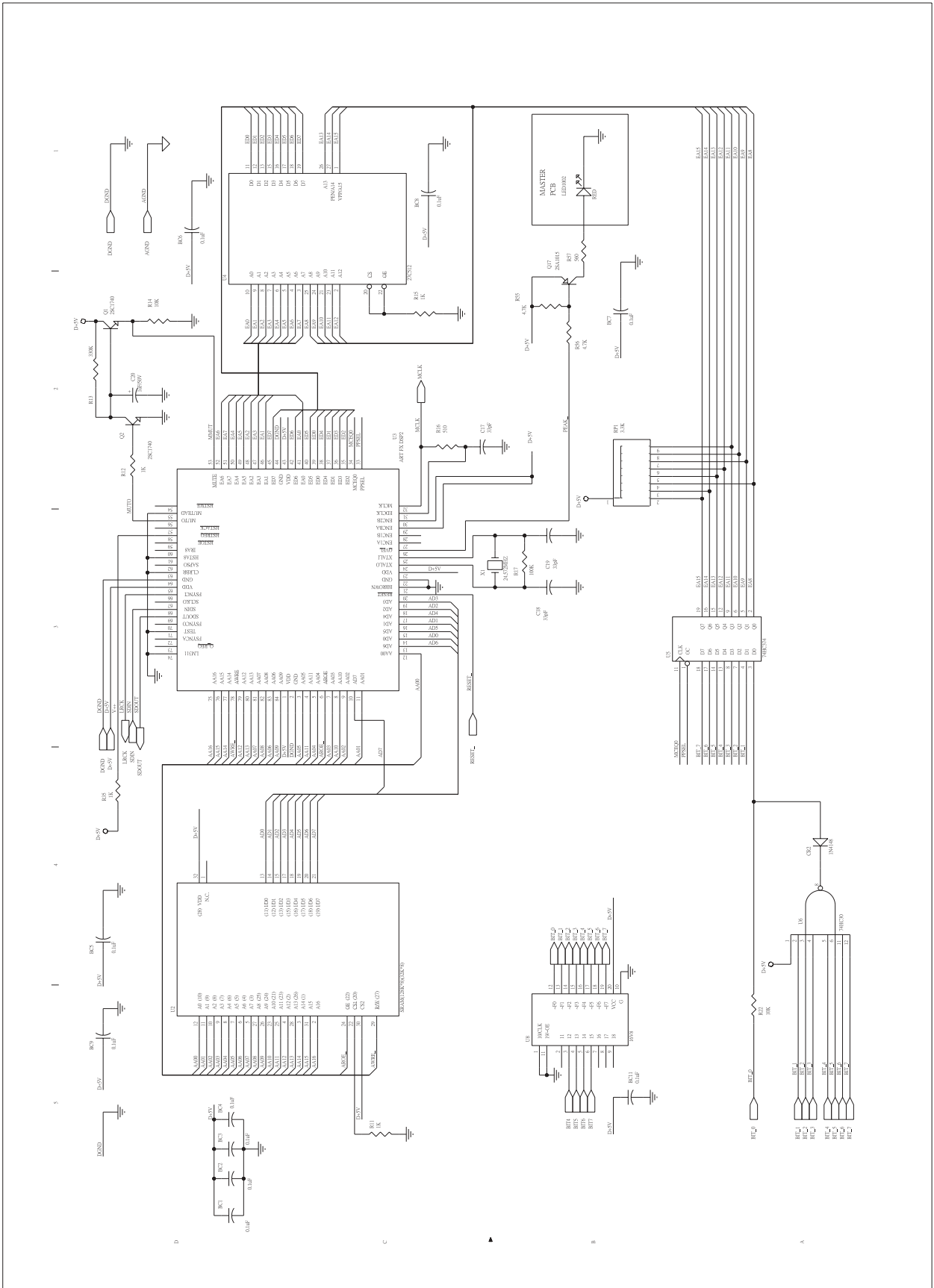
CH7_8 SCHEMATIC



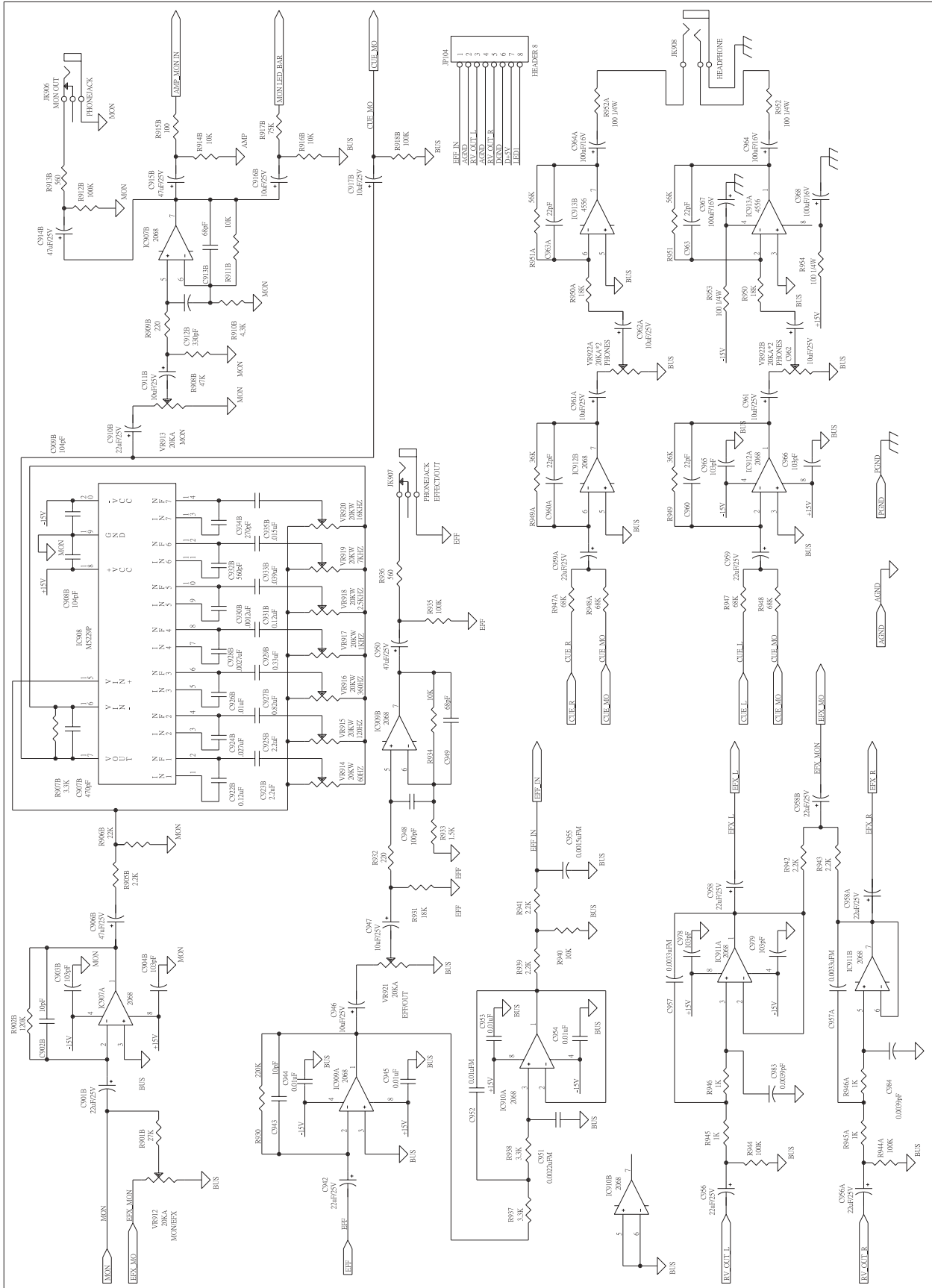
DISPLAY & PRE SCHEMATIC



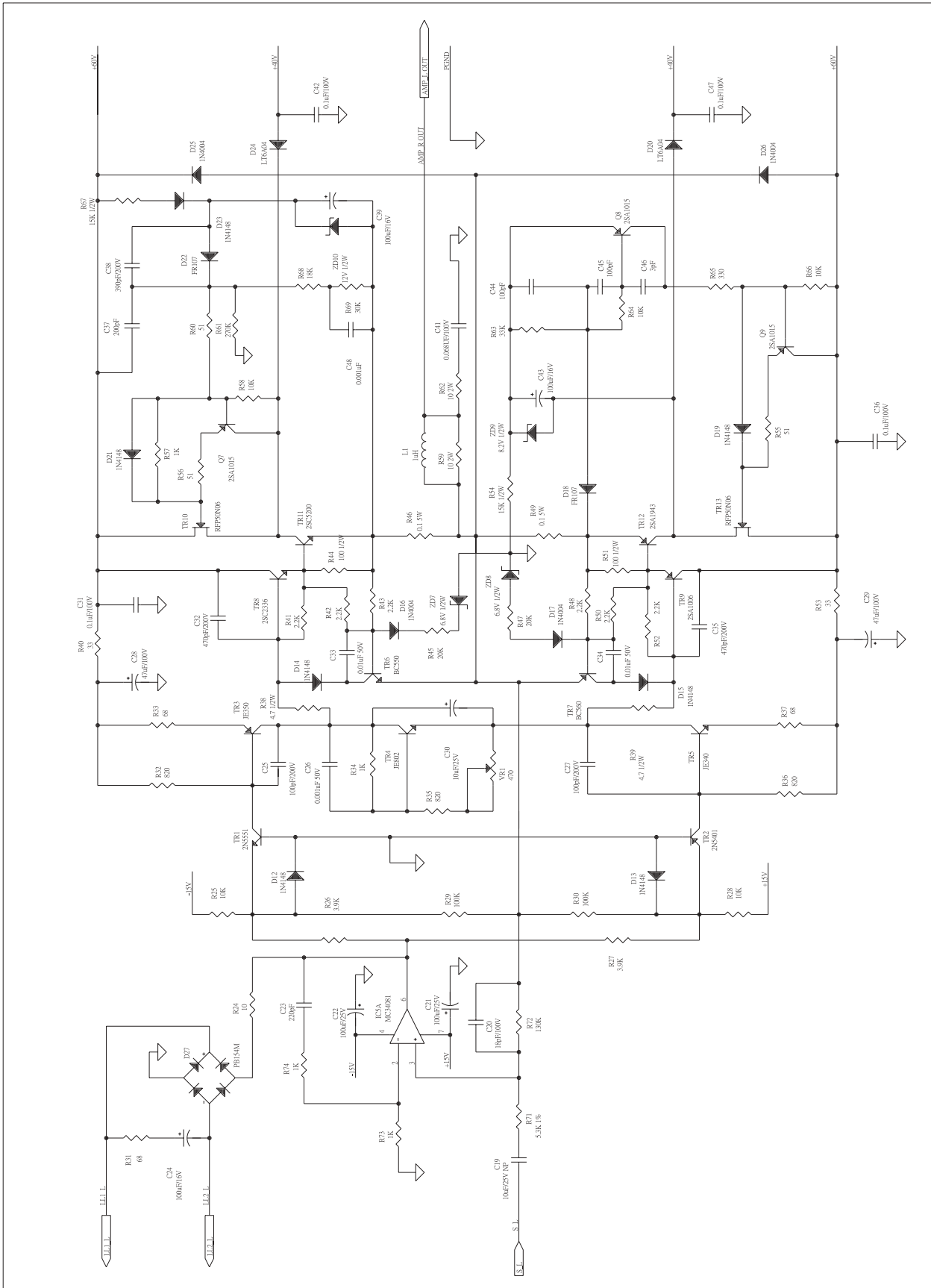
REVERB DSP SCHEMATIC



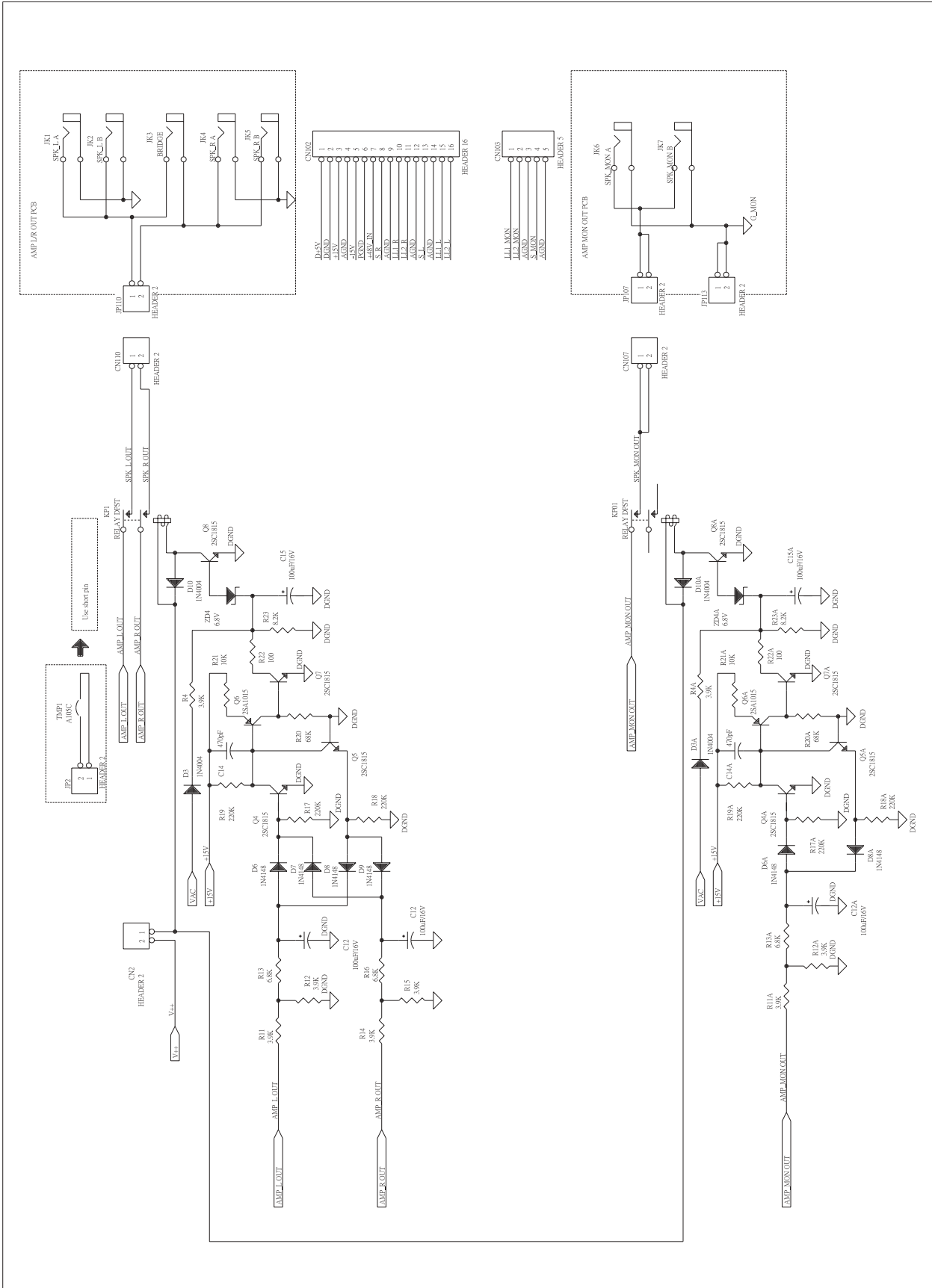
MON / EFX / CUE SUM SCHEMATIC



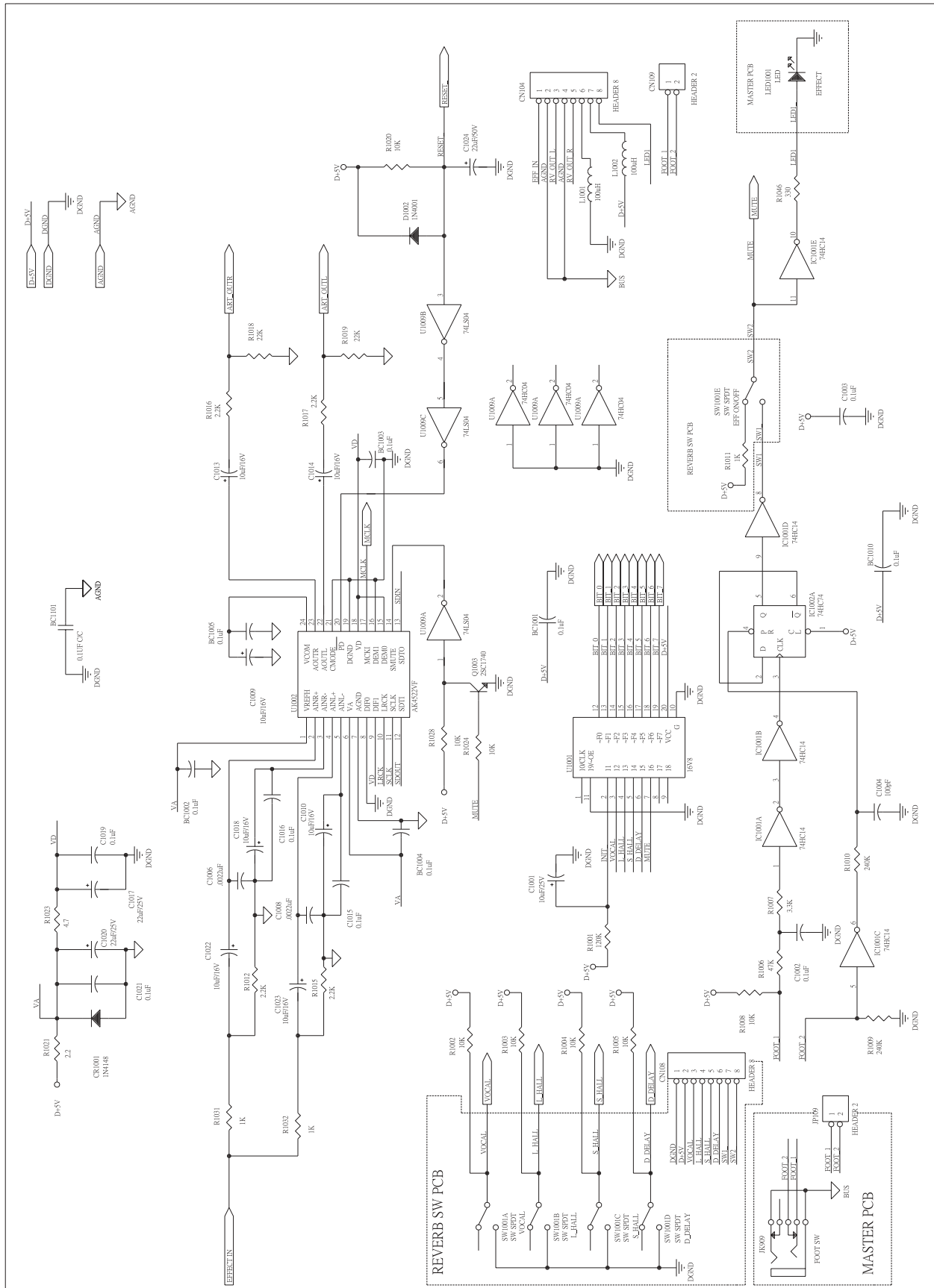
AMPLIFIER SCHEMATIC



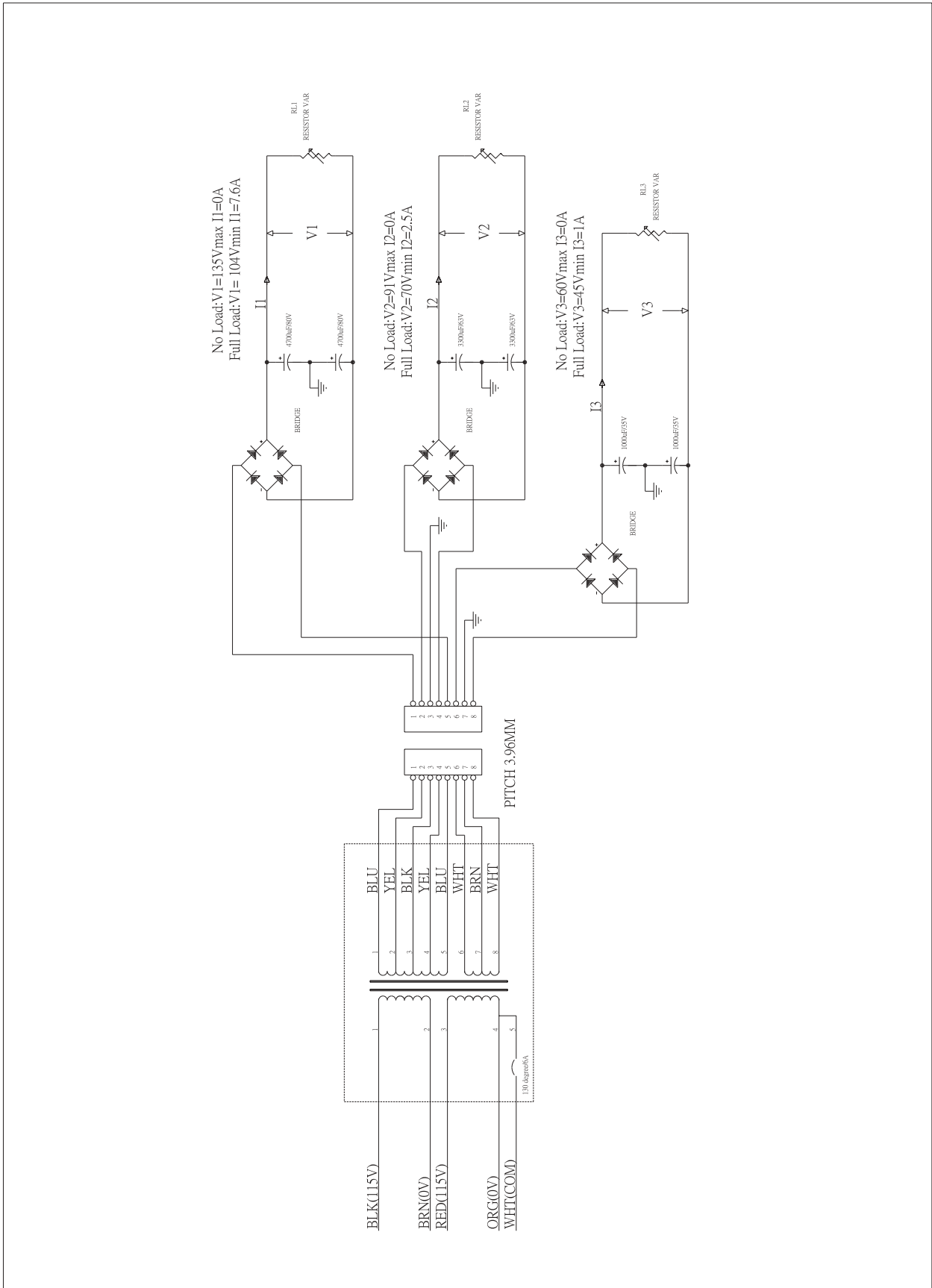
OUTPUT SCHEMATIC



REVERB D/A A/D SCHEMATIC



X_MER SCHEMATIC



MASTER PCB-PART LIST

Ref.	Phonic Part No.	Specification
CDS901.902.903	010-00001-010-0	CDS P873-G35-552 HAMAMATSU
VR913.921	022-20350-001-0	S.ROT/VR 20KA L=30MM F=12MM
VR912	022-20350-010-0	S.ROT/VR 20KB 30MM P
VR704.707.804.807.902-904.922	023-20350-001-0	D.ROT/VR 20KA 30MM P
VR705.805.901	023-20350-010-0	D.ROT/VR 20KB 30MM P
VR701.702.703.706.801.802.803.806	023-50350-001-0	D.ROT/VR 50KB(C.C) 30MM P
VR905-911.914-920	027-20372-010-0	D.SLD/VR 20KW*2 20MM P
C923.923A.923B.925.925A.925B	037-22535-061-0	T/C 2.2MF K 16V T 5
929.929A.929B	040-33426-100-0	ML/C 0.33MF M 50V P 5 T
C927.927A.927B	040-82426-140-0	ML/C 0.82MF M 50V 5 T
D701.701A.702.702A.801.801A.802.802A	090-02000-020-0	DIODE 1N4148 SPECT26MM MINI
LED701.801.906.912..918.920-923.1001	100-00010-030-0	LED BL-B5141 RED
LED903.904.905.909.910.911.915.916.917	100-00040-000-0	LED 204YD YLW
LED901.902.907.908.913.914	100-00050-000-0	LED BL-B2141 GRN
LED919	100-00070-030-0	LED 204UBD D3 BLUE
IC904.905.908	160-00002-300-0	IC M5229P MITSUBISHI
IC107-111.901.902.903.906.907.909-912.914.918	160-00007-510-0	IC NJM2068L JRC
IC913	160-00018-000-0	IC NJM4556AL JRC
IC915.916.917	160-00019-100-0	IC BA6137
SW901.902	210-01202-320-0	SLD/SW SS-22F-11G(NON SHORTING)
JK903	211-00041-100-0	4P RCA/J RL-1414-4D
JK702.703.802.803.901.902.904-907	211-01601-240-0	6D3/J JY-6351-02-130 SCJ-0658
JK909	211-01602-380-0	6D3/J (SCJ-0658-Y)
JK908	211-01602-560-0	6D4/J YLJ-6405-300 (NUT&WASHER)
JK701.801	211-03300-160-6	XLR/J SKCA229-1K3F2
CN101	211-10110-000-0	11P WAFER/S A2001WV2-11P
JP109	212-10023-280-0	2P WAFER/P 220mm UL1007#24

MASTER PCB-PART LIST

Ref.	Phonic Part No.	Specification
JP103	212-10051-260-0	5P WAFER/P 1000mm UL1007#24 PITCH:2.5
JP104	212-10080-530-0	8P WAFER/P 150mm UL1007#26 PITCH:2.5
JP102AB	212-10160-050-0	16P WAFER/P 1000mm UL1007#24 PITCH2.5
ALL LED*23	615-20092-620-0	LED HOUSING LED3-13
R706.707.710.711.728.728A.806.8 07.810.811.828.828A	000-10006-400-0	CF RES. 10 J 1/8W T
R915.915A.915B960.960A.960B	000-10106-400-0	CF RES. 100 J 1/8W T
R952.952A.953.954	000-10126-400-0	CF RES. 100 J 0.25W T
R752.852.945.945A.946.946A.963 .963A.963B	000-10206-400-0	CF RES. 1K J 1/8W T
R966.967	000-10226-400-0	CF RES. 1K J 0.25W T
R720.720A.721.721A.726.726A.72 9.729A.820.820A.821.821A.826.8 26A.911.911A.B914	000-10306-400-0	CF RES. 10K J 1/8W T
R914B.916.916A.B934.940.955.95 5A.B.961.961A.B.962.A.B964.964 A.B968.968A.B	000-10306-400-1	
R914A.829.829A.737.737A.837.83 7A	000-10306-400-2	
R701.801.912.912A.B.918.918A.B .928.928A. 935.944.944A	000-10406-400-0	CF RES. 100K J 1/8W T
R722.722A.723.723A.822.822A.82 3.823A.969.969A.B	000-12206-400-0	CF RES. 1K2 J 1/8W T
R902.902A.902B.929.929A	000-12406-400-0	CF RES. 120K J 1/8W T
R712.812	000-15106-400-0	CF RES.150J 1/8W T
R933	000-15206-400-0	CF RES. 1K5 J 1/8W T
R713.713A.738.738A.813.813A.83 8.838A.925.925A.931.950.950A	000-18306-400-0	CF RES. 18K J 1/8W T
R909.909A.909B.932	000-22106-400-0	CF RES. 220 J 1/8W T
R903.903A.905.905A.B.942.943	000-22206-400-0	CF RES. 2K2 J 1/8W T
R736.736A.836.836A.904.904A.90 6.906A.906	000-22306-400-0	CF RES. 22K J 1/8W T B
R930.927.927A	000-22406-400-0	CF RES. 220K J 1/8W T
R901.1901A.901B958.958A.958B	000-27306-400-0	CF RES. 27K J 1/8W T

MASTER PCB-PART LIST

Ref.	Phonic Part No.	Specification
R724.724A.725.725A.824.824A.82 5.825A.907.907A.B.937.938.956.9 56A.B.957.957A.957B	000-33206-400-0	CF RES. 3K3 J 1/8W T
R732-735.832-835.959.959A.B	000-33306-400-0	CF RES. 33K J 1/8W T
R923.923A.949.949A	000-36306-400-0	CF RES. 36K J 1/8W T
R704.804	000-39126-400-0	CF RES. 390 J 0.25W T
R727.727A.827.827A	000-39206-400-0	CF RES 3K9 J 1/8W T
R924.924A.926.926A	000-39306-400-0	CF RES. 39K J 1/8W T
R910.910A.910B	000-43206-400-0	CF RES. 4K3 J 1/8W T
R705.805.970.970A.970B	000-47206-400-0	CF RES 4.7K J 1/8W T
R730.730A.731.731A.830.830A.83 1.831A.908.908A.908B	000-47306-400-0	CF RES. 47K J 1/8W T
R751.851	000-51206-400-0	CF RES. 5K1 J 1/8W T
R913.913A.913B.936	000-56106-400-0	CF RES. 560 J 1/8W T
R951.951A	000-56306-400-0	CF RES.56K J 1/8W T
R922	000-62206-400-0	CF RES. 6K2 J 1/8W T
R965.965A.965B	000-68126-400-0	CF RES. 680 J 0.25W T
R750.750A.753.753A.850.850A.85 3.853A.947.947A.948.948A	000-68306-400-0	CF RES. 68K J 1/8W T
R917.917A.917B	000-75306-400-0	CF RES 75K J 1/8W T
R718.719.818.819	006-10020-440-0	MF RES 10K F 1/8W T
R716.717.816.817	006-22010-440-0	MF RES 2K2 F 1/8W T
R708.709.808.809	006-47010-440-0	MF RES 4K7 F 1/8W T
R702.703.802.803	006-68010-440-0	MF RES 6K8 F 1/8W T
R714.715.814.815	006-82010-440-0	MF RES 8K2 F 1/8W T
C712.720.721.724.724A.735.812.8 20.821.824.824A.835.911.A.B916. A.B917.A.B936	030-10638-0A0-0	E/C 10MF Z 25V 5*11 T
C936A.941.941A946.947.961.961 A.962.962A.976.976A.976B	030-10638-0A0-1	
C964.964A.967.968	030-10728-0A0-0	E/C 100MF Z 16V 6*11 T
C975.975A.975B.977.977A.977B	030-10736-0A0-0	E/C 100MF M 25V 8*11 T
C901.A.B910.A. B942.956.956A.958.A. B959.959A. 974.A. B982.A.B	030-22638-0A0-0	E/C 22MF Z 25V 5*11 T
C719.719A.819.819A.905.905A.90 6.A.B914.A.B915.A.B950.973.A.B	030-47638-0A0-0	E/C 47MF Z 25V 6.3*11 T

MASTER PCB-PART LIST

Ref.	Phonic Part No.	Specification
	030-47666-0A0-0	E/C 47MF M 63V T
C708.808	030-47718-0A0-0	E/C 470MF Z 10V 8*11 T
C702.703.802.803	033-10664-0A0-0	LN E/C 10MF J 63V T 6*11
C926.926A.926B	040-10325-150-0	ML/C 0.01MF K 50V M 5 AL T
C922.922A.922B.931.931A.931B CE-1717	040-12425-160-6	ML/C 0.12MF K 50V 5 T
C935.935A.935B	040-15325-100-0	ML/C 0.015MF K 50V P 5 T
C924.924A.924B	040-27325-160-0	ML/C 0.027MF K 50V 5 T
C933.933A.933B	040-39325-160-0	ML/C 0.039UF K 50V 5 T
C902.902A.902B.938.938A.943	042-10025-050-0	C/C2 10PF K 50V 5 T
C709.710.711.717.717A.722.722A .809.810.811.817.817A.822.822A. 948.970.970A.B	042-10124-050-0	C/C2 100PF J 50V T
C727.827	042-10225-050-0	C/C2 0.001MF K 50V 5 T
C903.903A.903B.904.904A.904B. 919.920.939.940.965.966.971.972. 978-981	042-10325-050-0	C/C2 0.01MF K 50V T
C908.908A.908B.909.909A.909B	042-10426-050-0	C/C2 0.1MF M 50V 5 T
C960.960A.963.963A	042-22024-050-0	C/C2 22PF J 50V 5 T
C937.937A	042-22124-050-0	C/C2 220PF J 50V 5 T
C718.718A.818.818A	042-27025-050-0	C/C 27PF K 50V T
C934.934A.934B	042-27125-050-0	C/C2 270PF K 50V 5 T
C912.912A.912B.969.969A.969B	042-33125-050-0	C/C2 330PF K 50V T
C723.723A.823.823A	042-47024-050-0	C/C2 47PF J 50V 5 T
C704-707.804-807.907.907A.907B	042-47124-050-0	C/C2 470PF J 50V 5 T
C932.932A.932B	042-56124-050-0	C/C2 560PF J 50V 5 T
C913.913A.913B.949	042-68024-050-0	C/C2 68PF J 50V 5 T
C725.726.728-731.828-831.944.94 5.952.953.954	046-10304-060-0	M/C 0.01MF J 50V 5 T
C930.930A.930B	046-12204-060-0	M/C 0.0012MF J 50V 5 T
C716.716A.816.816A.951	046-22204-060-0	M/C 0.0022MF J 50V 5 T
C928.928A.928B	046-27204-060-0	M/C 0.0027MF J 50V 5 T
C713.713A.813.813A	046-27305-060-0	M/C 0.027UF K 50V T
C714.714A.814.814A	046-56204-060-0	M/C 0.0056MF J 50V T
C715.715A.815.815A	046-82204-060-0	M/C 0.0082 MF J 50V 5 T
Q705.805.901.901A.901B	120-00000-800-0	TRAN. 2SC1815 GR TOSHIBA
Q701.702.801.802	120-00001-010-0	TRAN 2SC2240-BL TOSHIBA

MASTER PCB-PART LIST

Ref.	Phonic Part No.	Specification
	290-01320-201-0	PCB POWERPOD1060 B MASTER
R939.941	382-20005-010-0	TINNER WIRE 5.0MM D0.6

CH PCB-PART LIST

Ref.	Phonic Part No.	Specification
VR104.107.204.207.304.307.404.4 07.504.507.604.607	022-20350-001-0	S.ROT/VR 20KA L=30MM F=12MM
VR105.205.305.405.505.605	022-20350-010-0	S.ROT/VR 20KB 30MM P
VR101-103.106.201-203.206.301- 303.306.401-403.406.501-503.506 .601-603.606.	022-50350-011-0	S.ROT/VR 50KB(C.C)L=30MM
C101.201.301.401.501.601	030-47666-0A0-0	E/C 47MF M 63V T
D101.102.201.202.301.302.401.40 2.501.502.601.602	090-02000-020-0	DIODE 1N4148 SPECT26MM MINI
LED101.201.301.401.501.601	100-00010-030-0	LED BL-B5141 RED
IC101-106.	160-00007-510-0	IC NJM2068L JRC
SW101.201.301.401.501.601	210-02201-440-0	PSH/SW 2P2T SFPC12MC03-PF
JK102.202.302.402.502.602	211-01602-390-0	6D3/J JY-6351-02-030 SCJ-0658
JK101.201.301.401.501.601	211-03300-160-6	XLR/J SKCA229-1K3F2
JP101	212-10110-160-0	11P WAFER/P 100mm UL1007#24 PITCH:2.0
ALL LED*6	615-20092-620-0	LED HOUSING LED3-13
R106.107.110.111.206.207.210.21 1.306.307.310.311.406.407.410.41 1.506.507.510.511	000-10006-400-0	CF RES. 10 J 1/8W T
R606.607.610.611	000-10006-400-1	
R152.252.352.452.552.652	000-10206-400-0	CF RES. 1K J 1/8W T
R120.121.126.128.135-137.220.22 1.226.228.235-237.320.321.326.3 28.335-337.420.421	000-10306-400-0	CF RES. 10K J 1/8W T
426.428.435-437.520.521.526.528 .535.536.537.620.621.626.628.635 -637	000-10306-400-1	
R101.133.134.201.233.234.301.33 3.334.401.433.434.501.533.534.60 1.633.634	000-10406-400-0	CF RES. 100K J 1/8W T
R122.123.222.223.322.323.422.42 3.522.523.622.623	000-12206-400-0	CF RES. 1K2 J 1/8W T
R112.212.312.412.512.612	000-15106-400-0	CF RES.150J 1/8W T
R129.130.229.230.329.330.429.43 0.529.530.629.630	000-27306-400-0	CF RES. 27K J 1/8W T
R124.125.224.225.324.325.424.42	000-33206-400-0	CF RES. 3K3 J 1/8W T

CH PCB-PART LIST

Ref.	Phonic Part No.	Specification
R150.250.350.450.550.650	000-36306-400-0	CF RES. 36K J 1/8W T
R104.204.304.404.504.604	000-39126-400-0	CF RES. 390 J 0.25W T
R127.227.327.427.527.627	000-39206-400-0	CF RES 3K9 J 1/8W T
R105.205.305.405.505.605	000-47206-400-0	CF RES 4.7K J 1/8W T
R151.251.351.451.551.651	000-51206-400-0	CF RES. 5K1 J 1/8W T
R153.253.353.453.553.653	000-68306-400-0	CF RES. 68K J 1/8W T
R113.213.313.413.513.613	000-82206-400-0	CF RES. 8K2 J 1/8W T
R118.119.218.219.318.319.418.419.518.519.618.619	006-10020-440-0	MF RES 10K F 1/8W T
R116.117.216.217.316.317.416.417.516.517.616.617	006-22010-440-0	MF RES 2K2 F 1/8W T
R131.132.231.232.331.332.431.432.531.532.631.632	006-39010-440-0	MF RES 3K9 F 1/8W T
R108.109.208.209.308.309.408.409.508.509.608.609	006-47010-440-0	MF RES 4K7 F 1/8W T
R102.103.202.203.302.303.402.403.502.503.602.603	006-68010-440-0	MF RES 6K8 F 1/8W T
R114.115.214.215.314.315.414.415.514.515.614.615	006-82010-440-0	MF RES 8K2 F 1/8W T
C112.120.121.135.212.220.221.235.312.320.321.335.412.420.421.435.512.520.521.535	030-10638-0A0-0	E/C 10MF Z 25V 5*11 T
C612.620.621.635	030-10638-0A0-1	
C119.219.319.419.519.619	030-47638-0A0-0	E/C 47MF Z 25V 6.3*11 T
C108.208.308.408.508.608	030-47718-0A0-0	E/C 470MF Z 10V 8*11 T
C102.103.202.203.302.303.402.403.502.503.602.603	033-10664-0A0-0	LN E/C 10MF J 63V T 6*11
C109.110.111.117.209.210.211.217.309.310.311.317.409.410.411.417.509.510.511.517	042-10124-050-0	C/C2 100PF J 50V T
C609.610.611.617	042-10124-050-1	
C126.226.326.426.526.626	042-10225-050-0	C/C2 0.001MF K 50V 5 T
C118.218.318.418.518.618	042-27025-050-0	C/C 27PF K 50V T
C104-107.204-207.304-307.404-407.504-507.604-607	042-47124-050-0	C/C2 470PF J 50V 5 T
C122-125.322-325.522-525	046-10304-060-0	M/C 0.01MF J 50V 5 T
C116.216.316.416.516.616	046-22204-060-0	M/C 0.0022MF J 50V 5 T

CH PCB-PART LIST

Ref.	Phonic Part No.	Specification
113.213.313.413.513.613	046-27305-060-0	M/C 0.027UF K 50V T
C114.214.314.414.514.614	046-56204-060-0	M/C 0.0056MF J 50V T
C115.215.315.415.515.615	046-82204-060-0	M/C 0.0082 MF J 50V 5 T
Q105.205.305.405.505.605	120-00000-800-0	TRAN. 2SC1815 GR TOSHIBA
Q101.102.201.202.301.302.401.402.501.502.601.602	120-00001-010-0	TRAN 2SC2240-BL TOSHIBA
	290-61060-100-0	CHANNEL PCB 94V0 POD1060/1080/1082
	382-20005-010-0	TINNER WIRE 5.0MM D0.6
	382-20007-510-0	TINNER WIRE 7.5MM D0.6
	382-20010-010-0	TINNER WIRE 10MM D0.6
	382-20012-510-0	TINNER WIRE 12.5MM D0.6
	382-20015-010-0	TINNER WIRE 15MM D0.6

DIGITAL PART LIST

Ref.	Phonic Part No.	Specification
RP1001	017-08090-010-0	NETWORK RES. A8-332 J 9P 3.3K
IC1002	171-00000-310-0	CMOS IC HD74HC74P HITACHI
U1007	171-00002-800-0	CMOS IC PC74HC30P
U1006	171-00002-900-0	CMOS IC PC74HC374P
IC1001	171-00003-500-0	CMOS IC 74HC14 HITACHI
U1005	177-01003-510-0	IC M27C512-12 SINGAPORE WINBOND
U1001	177-02000-331-0	GAL IC 16V8D-15LP LATTICE
SW1001	210-02205-060-0	PSH/SW SPUL52A005-PJ 5K4
CN109	211-10021-161-0	2P WAFER/S TJC3-2A P=2.5MM 180DEGREE
CN104.108	211-10081-140-0	8P WAFER/S A2501WV2-8P
U1001	211-11202-002-0	IC/S 20P 9.8*25MM
U1005	211-11282-001-0	IC/S 28P 17*35MM
JP108	212-10080-530-0	8P WAFER/P 150mm UL1007#26 PITCH:2.5
X1001	300-16004-003-0	CRYSTAL 16.000MHZ 300-16004-001-0
X1001	382-00012-020-0	TINNER WIRE 12MM*D0.8
U1008	170-00007-000-0	TTL IC 74HC393 SMD
U1009	171-00000-220-0	CMOS IC HD74HC04N (SMT)
U1003	177-01004-700-0	IC BS62LV1024SC-70 SOP BSI
U1004	177-04013-000-0	CHIP ART FX DSP2 84P JAPAN 100-1365-102
U1002	177-04022-000-0	IC AK4522A-VF VSOP AKM
	290-01320-403-0	POD1060/1062 DSP PCB
R1011.1022.1031.1032.1034.1035 .1045	000-10206-400-0	CF RES. 1K J 1/8W T
R1002-1005.1008.1024.1028.1037 .1044	000-10306-400-0	CF RES. 10K J 1/8W T
R1020.1039	000-10406-400-0	CF RES. 100K J 1/8W T
R1001	000-12406-400-0	CF RES. 120K J 1/8W T
R1012.1015	000-15206-400-0	CF RES. 1K5 J 1/8W T
R1029	000-22106-400-0	CF RES. 220 J 1/8W T
R1016.1017	000-22206-400-0	CF RES. 2K2 J 1/8W T
R1018.1019	000-22306-400-0	CF RES. 22K J 1/8W T

DIGITAL PART LIST

Ref.	Phonic Part No.	Specification
R1009.1010	000-24406-400-0	CF RES 240K J 1/8W T
R1046	000-33106-400-0	CF RES. 330 J 1/8W T
R1007	000-33206-400-0	CF RES. 3K3 J 1/8W T
R1036	000-33406-400-0	CF RES 330K J 1/8W T
R1006	000-47306-400-0	CF RES. 47K J 1/8W T
R1023	000-47706-400-0	CF RES 4.7 J 1/8W T
R1038	000-51106-400-0	CF RES. 510 J 1/8W T
C1030	030-10558-0A0-0	E/C 1MF Z 50V 5*11 T
C1009.1010.1013.1014.1016.1022 .1023	030-10638-0A0-0	E/C 10MF Z 25V 5*11 T
C1017.1020.1024	030-22638-0A0-0	E/C 22MF Z 25V 5*11 T
BC1001-1016.1101.C1002.1003.1 015.1018.1019.1021	040-10428-140-0	ML/C 0.1UF Z 50V 5 T
C1004	042-10124-050-0	C/C2 100PF J 50V T
C1006.1008	042-22225-050-0	C/C2 0.0022MF K 50V 5 T
C1027.1028.1029	042-33024-050-0	C/C2 33PF J 50V 5 T
D1002	090-00000-020-0	DIODE 1N4001 SILITEK T
CR1001	090-00008-000-0	DIODE IN914
D1001	090-02000-020-0	DIODE 1N4148 SPECT26MM MINI
Q1003.1004.1005	120-00004-600-0	TRAN. 2SC1740 LN-R ROHM (2SC1313G)
L1001	382-20012-510-0	TINNER WIRE 12.5MM D0.6

AMP PART LIST

Ref.	Phonic Part No.	Specification
R44.44A.44B.51.51A.51B	000-10136-400-0	CF RES. 100 J 0.5W T
R54.54A.54B.67.67A.67B	000-15336-400-0	CF RES. 15K J 0.5W T
R75	000-24236-400-0	CF RES 2.4KJ 1/2W T
R 38.38A.38B.39.39A.39B	000-47736-400-0	CF RES.4.7 1/2WT
R62.62A.62B	003-10071-600-0	CEMENT RES. 10 J 2W AL
R9.10	003-10073-601-0	CEMENT RES. 10 J 5W U
R46.46A.46B.49.49A.49B	003-10093-600-0	CE MENT 0.1 5W J
RTP01	011-10020-000-0	THERMISTER TDC05C310L
VR1.1A.1B	020-47138-000-6	T/VR 470J T-085C-B470 0.5W
C7A	030-10646-0A0-0	E/C 10MF 35V T 5*11
C11	030-10768-0A0-0	E/C 100MF Z 63V 10*17 T
C28.28A.28B.29.29A.29B	030-47686-0A0-0	E/C 47MF M 100V 10*17 T
C31.31A.31B.36.36A.36B.42.42A. 42B.47.47A.47B	046-10414-060-0	M/C 0.1MF J 100V 5 T
C41.41A.41B	046-68314-060-0	M/C 0.068MF J 100V T
L1.1A.1B	075-10082-100-0	INDUCTANCE 1UH K M
KP01.1	076-02422-010-0	RELAY OSA-SH-224DM3M
D3.3A.5.10.10A.16.16A.16B.17.17 A.17B.25.25A.25B.26.26A.26B.28. 29.30	090-00007-020-0	DIODE IN4004 SILTEK T
D20.20A.20B.24.24A.24B	090-00017-000-0	DIODE LT6A04
D18.18A.18B.22.22A.22b	090-02005-000-0	DIODE FR107 MOTOROLA (IN4935)
D27.27A.27B	090-10000-000-0	B/DIODE PB154
Q2.5.5A.5B	120-00005-000-0	TRAN MJE340 MOTOROLA
TR11.11A.11B	120-00008-600-0	TRAN 2SC5200-O TOSHIBA
QP08.4.4A.4B	120-00008-800-0	TRAN MJE802 MOTOROLA
TR8.8A.8B	120-00009-500-0	TRAN 2SC4793-M TOSHIBA
TR12.12A.12B	121-00006-000-0	TRAN 2SA1943-O TOSHIBA
TR3.3A.3B	121-00006-100-0	TRAN MJE350 MOTOROLA
TR9.9A.9B	121-00007-200-0	TRAN 2SA1837-M TOSHIBA
Q1	122-00000-200-0	FET 2SK30A-GR TOSHIBA
TR10.10A.10B.13.13A.13B	122-00002-400-0	MOSFET RFP 50N06
IC3	160-00002-909-0	IC 7915
IC1	160-00004-114-0	IC UPC7805H NEC (KIA)
IC2	160-00005-909-0	IC 7815
IC5.5A.5B	160-00021-900-0	IC NJM5534D JRC

AMP PART LIST

Ref.	Phonic Part No.	Specification
	210-10090-001-0	TMP/SW US-602SXRFCQ
CNP2.3	211-10021-150-0	2P WAFER/S 5267 A2505 WV P=2.5MM 180DEGREE
CN2	211-10021-161-0	2P WAFER/S TJC3-2A P=2.5MM 180DEGREE
CN107.110	211-10024-110-0	P WAFER/S A3963WV2-2P
CN103	211-10051-151-0	5P WAFER/S TJC3-5A PH=2.5MM 180 DEGREE
CN111	211-10074-000-0	7P WAFER/S A3963WV-7P PH=3.96 180DEGREE
CN112	211-10084-020-0	8P WAFER/S 396108 180 P=3.96MM
CN102	211-10161-030-0	16P WAFER/S A2501WV2-16P
JP2	212-10023-250-0	2P WAFER/P 200mm UL1007#22 P=2.5MM
TRAN&HEAT SINK*20	313-00000-000-0	TRANSISTOR WASHER TO-220
BUSHES*15	314-00000-050-0	BUSHES 602S(V.0) 180DEGREE
AMP_GND_B	379-02181-101-0	M.WIRE UL1007 #24 180MM BLK
AMP_WIN_A AMP_WIN_B	379-02351-151-0	M.WIRE UL1007 #24 350MM GRN
	526-20041-012-0	HEAT SINK POD1060/1080
	590-43006-100-0	M/E PAN SCR. M3.0*6 NI
	590-43008-100-0	M/E PAN SCR. M3.0*8 NI
	590-43012-100-0	M/E PAN SCR. M3.0*12 NI
TR10.10A.10B.13.13A.13B. IC1.2.3	610-00300-501-0	PLA. WAS. D3.0*D7.0*0.5 NI
	610-60300-700-0	PAN SPR WAS. D3.0*6.0*0.7ZN
HEAT SINK*7	615-60044-630-0	BOSS L=6.0
R24.24A.24B	000-10026-400-0	CF RES. 10 J 0.25W T
R8.22.22A	000-10126-400-0	CF RES. 100 J 0.25W T
R34.34A.34B.57.57A.57B.73.73A. 73B.74.74A.74B	000-10226-400-0	CF RES. 1K J 0.25W T
R25.25A.25B.28.28A.28B.58.58A. 58B.64.64A.64B.66.66A.66B	000-10326-400-0	CF RES. 10K J 0.25W T
R29.29A.29B.30.30A.30B	000-10426-400-0	CF RES. 100K J 0.25W T

AMP PART LIST

Ref.	Phonic Part No.	Specification
RP22	000-12126-400-0	CF RES. 120 J 0.25W T
R23.23A	000-12326-400-0	CF RES. 12K J 0.25W T
R72.72A.72B	000-13426-400-0	CF RES. 130K J 0.25W T
R5	000-15226-400-0	CF RES. 1K5 J 0.25W T
R68.68A.68B	000-18326-400-0	CF RES. 18K J 0.25W T
R45.45A.45B.47.47A.47B	000-20326-400-0	CF RES. 20K J 0.25W T
R21.21A.41.41A.41B.42.42A.42B. 43.43A.43B.48.48A.48B.50.50A.50 B.52.52A.52B	000-22226-400-0	CF RES. 2K2 J 0.25W T
R17.17A.18.18A.19.19A	000-22426-400-0	CF RES. 220K J 0.25W T
R61.61A.61B	000-27426-400-0	CF RES. 270K J 0.25W T
R69.69A.69B	000-30326-400-0	F RES. 30K J 0.25W T
R40.40A.40B.53.53A.53B	000-33026-400-0	CF RES. 33 J 0.25W T
R6.65.65A.65B	000-33126-400-0	CF RES. 330 J 0.25W T
R63.63A.63B	000-33326-400-0	CF RES. 33K J 0.25W T
R4.4A.11.11A.12.12A.14.15.26.26 A.26B.27. 27A.27B	000-39226-400-0	CF RES. 3K9 J 0.25W T
R7	000-39726-400-0	CF RES 3.9J 1/4W T
R55.55A.55B.56.56A.56B.60.60A. 60B	000-51026-400-0	CF RES. 51 J 0.25W T
R31.31A.31B.33.33A.33B.37.37A. 37B	000-68026-400-0	CF RES. 68 J 0.25W T
R13.13A.16	000-68226-400-0	CF RES. 6K8 J 0.25W T
R20.20A	000-68326-400-0	CF RES. 68K J 0.25W T
R32.32A.32B.35.35A.35B36.36A.3 6B	000-82126-400-0	CF RES. 820 J 0.25W T
R71.71A.71B	006-53012-440-0	MF RES. 5.3K F 0.25W T
C30.30A.30B	030-10638-0A0-0	E/C 10MF Z 25V 5*11 T
C8.9.10	030-10656-0A0-0	E/C 10MF M 50V 5*11 T
C12.12A.13.15.15A.24.24A.24B.3 9.39A.39B. 43.43A.43B	030-10728-0A0-0	E/C 100MF Z 16V 6*11 T
C21.21A.21B.22.22A.22B	030-10736-0A0-0	E/C 100MF M 25V 8*11 T
CP18	030-47628-0A0-0	E/C 47MF Z 16V 5*11 T
CP19	030-47658-0A0-0	E/C 47MF Z 50V 8*11 T
C19.19A.19B	032-10636-0A0-0	NP E/C 10MF M 25V 6.3*11 T
C46.46A.46B	042-03020-000-0	C/C2 3PF C 50V 5
C44.44A.44B.45.45A.45B	042-10124-050-0	C/C2 100PF J 50V T

AMP PART LIST

Ref.	Phonic Part No.	Specification
C25.25A.25B.27.27A.27B	042-101A6-050-0	C/C2 100PF M 250V 5 T
C7	042-10325-050-0	C/C2 0.01MF K 50V T
C20.20A.20B	042-18044-050-0	C/C2 18PF J 100V 5 T
C37.37A.37B	042-20124-050-0	C/C2 200PF J 50V 5 T
C23.23A.23B	042-22124-050-0	C/C2 220PF J 50V 5 T
C38.38A.38B	042-391A4-050-0	C/C2 390PF J 250V 5 T
C14.14A	042-47124-050-0	C/C2 470PF J 50V 5 T
C32.32A.32B.35.35A.35B.	042-471A5-050-0	C/C2 470P K 250V 5T
C26.26A.26B.48.48A.48B	046-10204-060-0	M/C 0.001MF J 50V 5 T
C33.33A.33B.34.34A.34B	046-10304-060-0	M/C 0.01MF J 50V 5 T
ZD10.10A.10B	090-01123-000-0	ZEN/DIODE 12V J 0.5W UNIZON
ZD2	090-01223-000-0	Z/DIODE 22V 0.5W IN5251B
ZD3.5	090-01273-010-0	ZEN/DIODE 27V K 0.5W
ZD1	090-01513-110-0	Z/D10DE 51V 1W MOTOROLA
ZD4.4A.7.7A.7B.8.8A.8B	090-01682-000-0	ZEN/DIODE 6.8V J0.5W UNIZO
ZD9.9A.9B	090-01822-000-0	ZEN DIODE 8.2V J 0.5W
D6.6A.7.8.8A.9.12.12A.B.13.13A.B .14.14A. B.15.15A.B.19.19A.B.21.21A.B.23. 23A.B	090-02000-020-0	DIODE 1N4148 SPEC T26MM MINI
Q3.4.4A.5.5A.10.10A.11.11A	120-00000-800-0	TRAN. 2SC1815 GR TOSHIBA
TR1.1A.1B	120-00001-400-0	TRAN. 2N5551 MOTOROLA
TR6.6A.6B	120-00009-700-0	TRAN. BC546B PHILIPS(代 BC550)
Q6.6A.7.7A.7B.8.8A.8B.9.9A.9B	121-00000-200-0	TRAN. 2SA1015 GR TOSHIBA
TR2.2A.2B	121-00000-300-0	TRAN. 2N5401 MOTOROLA
TR7.7A.7B	121-00007-500-0	TRAN. BC556B PHILIPS (BC560)
	290-01320-500-0	PCB POWERPOD1060-E AMP
	382-20005-010-0	TINNER WIRE 5.0MM D0.6
	382-20007-510-0	TINNER WIRE 7.5MM D0.6
	382-20010-010-0	TINNER WIRE 10MM D0.6
	382-20012-510-0	TINNER WIRE 12.5MM D0.6
	382-20015-010-0	TINNER WIRE 15MM D0.6

POWER PART LIST

Ref.	Phonic Part No.	Specification
R1.2	000-18336-400-0	CF RES. 18K J 1/2W
R3	000-39336-400-0	CF RES 39K J 0.5W T
C5.6	030-10846-000-0	E/C 1000MF M 35V 10*21 T
C3.4	030-33866-030-0	E/C 3300UF M 63V 25*30 P
C1.2	030-47878-000-0	E/C 4700MF Z 80V 31*35 P
C1A	058-68325-100-0	MEX-683K 0.068MF/250V 18*13.5 P=15
D4	090-10000-000-0	B/DIODE PB154
D1	090-10008-100-0	B/DIODE KBPC 3506W
D2.2A	090-10009-000-0	B/DIODE PBU805
SW1	210-02101-030-0	PSH/SW PA-03S-A1
JK1-7	211-01601-300-0	6D3/J M203A-2
CN113	211-10024-110-0	2P WAFER/S A3963WV2-2P
CN1	211-10084-020-0	8P WAFER/S 396108 180 P=3.96MM
JP113	212-10023-290-0	2P WAFER/P 350mm UL1015#18 PITCH:3.96
JP110.107	212-10023-310-0	2P WAFER/P 350mm UL1015#18 PITCH:3.96
JP111	212-10070-600-0	7P WAFER/P 350mm UL1015#18 PITCH;3.96
JP112	212-10080-520-0	8P WAFER/P 350mm UL1015#18 PITCH:3.96
F1*2.F2*2.F3*2	281-00000-020-0	FUSE CLIP FH-1206
PWR_GND_A PWR_G_R	379-10101-101-0	M.WIRE UL1015 #18 100MM BLK
	290-01320-300-0	PCB POWERPOD1060-C+F+H
	382-20010-010-0	TINNER WIRE 10MM D0.6
	382-20015-010-0	TINNER WIRE 15MM D0.6

MISCELLANEOUS ITEMS

Ref.	Phonic Part No.	Specification
LUG*1	315-00000-000-0	LUG D4 FOR GROUND
CABEL TIE	321-00000-020-0	CABEL TIE 140MM
CABEL TIE *15	321-00000-070-0	CABLE TIE HW-100MM
	347-00000-240-0	FAN SP601012M
	510-20770-300-0	PANEL POD1060 429C +432C
	511-20550-400-0	BACK PANEL POD1060 432C +429C
	528-20012-100-0	FAN NET 6G-60 POWERPOD1060
LEVEL*8	540-60148-420-0	R/KNOB 12 WHT BODY+430C(GREY) CAP
FOR MON/EFX*8 EFFECT RTN*2	540-60148-520-0	R/KNOB 12.0 430C(GREY)BODY+WHT CAP
AUX IN*1 TAPE IN*1		
FOR MASTER*2 PHONES*1	540-60148-620-0	R/KNOB 12 430C(GEY)BODY+491C(RED)CA P
EFFECT OUT*1		
FOR HIGH/LOW/MID*8	540-60148-720-0	R/KNOB 12 430C(GEY)BODY+647C(BLUE)C AP
FOR PAN*8	540-60148-920-0	R/KNOB 12 430C(GEY)BODY+432C(DEEP GEY)CAP
POWER/SW*1	542-20150-120-0	P/KNOB 13.5*10.5*10.5H BLK INNER DIMENSION3*3
ALL PUSH SW*11	542-20300-121-0	P/KNOB 5.8*5.8*8 431C+WHT
	551-20043-400-0	RT BRKT POWERPOD7/615/1060/740/PX7 00DLX
	551-20045-400-0	L BRKT POWERPOD7
	551-20056-400-0	FAN BRKT. POWERPOD1060
	551-60056-000-0	FRONT LF BRKT
	551-60057-000-0	BACK LF BRKT
	552-10166-000-0	PCB FIXED-RT ZNW
	552-10167-000-0	PCB FIXED-LF ZNW
FIXED *4	552-20048-420-0	ADHESIVE FIXED FW-5D-3M
	552-20049-400-0	X'MER FIXED POWERPOD1060
	553-20009-480-0	PCB SHIELD PLATE

MISCELLANEOUS ITEMS

Ref.	Phonic Part No.	Specification
	553-20010-490-0	PCB SHIELD PLATE SIZE:408*109.5*0.5
	560-20870-100-0	CARTON SIZE:560*390*410 A=B POD1060X
	561-21100-400-0	POD1060 GIFT BOX SIZE:545*370*390MM
UP RIGHT*1.DOWEN RIGHT*1.DOWEN LEFT*1.UP LEFT*1	562-24190-000-0	PULP PANEL 1032*581MM 5 PULP PANEL
	566-10015-010-0	SPONGE 40*10*5
	568-00003-000-0	PE BAG #10 240*340*0.05
	568-20059-000-0	PE BAG POWERPOD1060 SIZE:
	572-00000-050-0	DRYER 5g
	573-10124-010-0	GND LABEL MAR2
	573-60162-000-0	FAN BLACK LABEL D=22MM
	573-60343-000-0	LABEL LEVEL METER LABEL BLUE D=8mm
	574-6A069-011-0	OWN.MANU.POD1060/1062/615/ 740CHANG AFTER
	579-00000-068-0	MINI CATALOG PHONIC SERIES
PANEL & 5SW	590-03006-100-0	M/E FLT SCR. M3.0*6 NI
	590-03008-100-0	M/E FLT SCR. M3.0*8 NI
	590-03008-200-0	M/E FLT SCR. M3.0*8 BLK D=6
FOR FAN TO FAN BRACKET*8	590-03020-200-0	M/E FLT SCR M3*20 BLACK
POWER SW	590-43006-200-0	M/E PAN SCR. M3.0*6 BLK
PCB*22	590-53008-100-0	M/E SET SCR. M3.0*8 NI
PCB FIXED*6	590-53008-200-0	M/E SET SCR. M3.0*8 D=6 BLK
HEAT SINK*1	590-53010-200-0	M/E SET SCR. M3.0*10 BLK
PANEL&LR BRKT*6	590-54010-100-0	M/E SET SCR. M4*10 NI
	590-54010-200-0	M/E SET SCR. M4.0*10 BLK
	590-54018-200-0	M/E SET SCR. M4.0*18 BLK
	590-54030-200-0	M/E SET SCR. M4.0*30 BLK
PANEL & XLR/J*16	591-03008-200-0	T/P FLT SCR. D3.0*8 BLK
FOR RCA JACK	591-53008-100-0	T/P SET SCR. D3.0*8 NI
	600-00302-010-0	HEX. NUT M3.0*2.0 NI
	600-00403-510-0	HEX. NUT M4.0*3.5 NI

MISCELLANEOUS ITEMS

Ref.	Phonic Part No.	Specification
	600-20302-500-0	NUT M3.0*2.5ZW L20*W10
	600-20402-000-0	NUT M4.0*2.0 ZN L14*W10
PCB*22	610-00300-501-0	PLA. WAS. D3.0*D7.0*0.5 NI
	610-00300-518-0	FIBER WAS. D3*D7*0.5 RED
	610-00301-018-0	FIBER WAS. D3.0*8*1
ALL 6D3/J*18	610-00401-202-0	PLA. WAS. D4.0*D12.0*1.0 BLK
	610-20901-001-0	TOOTH WAS D9*12*1 NI
	610-30400-500-0	TOOTH WAS. D4.0*D8.5*0.5 ZN
GND	610-60401-001-0	PAN SPR. WAS. D4*7.6*1.0 NI
POWER SW*2	615-20023-630-0	BOSS 15+5
FIX MAST/DIGITAL PCB*3	615-20075-620-0	SPACE SUPPORT H-28
PCB&PANEL*16	615-20088-620-0	SPACER SUPPORT H-16
	615-20093-620-0	PCB LCC-30A
	615-20094-620-0	PCB BOSS LCB-5
PANEL&5 SW*2	615-20117-630-0	BOSS 17+5(M3)
	618-14180-662-0	SPEC FIXED PIN SR-2 WHT
FOR LED*11	631-20029-000-0	HEMELON 10*10
ALL EQ VR*14 FOR LIMITE	631-20032-000-0	HEMELON 36*10MM
LED*3		
	510-20770-300-F	PANEL POD1060
	511-20550-400-F	BACK PANEL POD1060 SECC1.0

MISCELLANEOUS ITEMS

Ref.	Phonic Part No.	Specification
	524-70001-020-7	HANDEL 210mm
	525-70000-010-7	FEET D25*D20*16T BLK POD408
	552-70000-200-7	HANDEL
HANDLE*2	590-25024-200-7	M/E BID SCR. M5*24 BLK
CONTER*16	592-23012-200-0	W/O BID SCR. M3.0*12 BLK
FEET*4	593-44020-200-7	W/O PAN SCR. D4.0*20 BLK
	600-70000-040-7	NUT M4
	600-70001-000-7	NUT M5 WHT
	636-70007-101-7	VINYL 2*50m BLK
	637-70000-000-7	BOX CONTER
	700-01800-000-7	PLANKING 4"*8"*18MM
	710-70000-000-7	GLUE PT-3670
	710-70001-010-7	GLUE
	711-73000-000-7	NAIL F30
	712-70000-530-7	PAINT
	714-70000-000-7	THINNER

POWER REQUIREMENT CLASSIFICATION

Ref.	Phonic Part No	Specification
<u>BS</u>		
	070-20368-800-0	X'MER 115/230V (POWERPOD1060)
F2.3	280-20263-000-0	FUSE T2A 250V VDE S
	280-63263-000-0	FUSE 6.3A 250V VDE/CE S
	307-00000-000-0	CORD CONNECTOR HW-C4
	370-26B40-439-1	P/CORD 230V 13A 2m5 BS 3P
	527-11000-000-0	STR.REL BUSHING 6W3-4 R (6N3-4)
	573-10032-010-0	POWER LABEL (ONLY USED IN BS)
	573-60240-000-0	BAR CODE LABEL PHONIC SERIES LABEL
<u>JIS</u>		
	070-20368-800-0	X'MER 115/230V (POWERPOD1060)
F1	280-10366-000-0	FUSE T10A UL/CSA S 5*20
F2.3	280-2026B-001-0	FUSE 2A 250V UL/CSA/JIS S
	307-00000-000-0	CORD CONNECTOR HW-C4
	370-24610-602-0	P/CORD 100V 12A 2.5M 1MM/2P JIS
	527-11000-000-0	STR.REL BUSHING 6W3-4 R (6N3-4)
	573-60240-000-0	BAR CODE LABEL PHONIC SERIES LABEL
<u>SAA</u>		
	070-20368-800-0	X'MER 115/230V (POWERPOD1060)
F2.3	280-20263-000-0	FUSE T2A 250V VDE S
F1	280-63263-000-0	FUSE 6.3A 250V VDE/CE S
	307-00000-000-0	CORD CONNECTOR HW-C4
	370-11310-809-0	P/CORD 240V 7.5A 6F 3P SAA
	527-11000-000-0	STR.REL BUSHING 6W3-4 R (6N3-4)
	573-60240-000-0	BAR CODE LABEL PHONIC SERIES LABEL

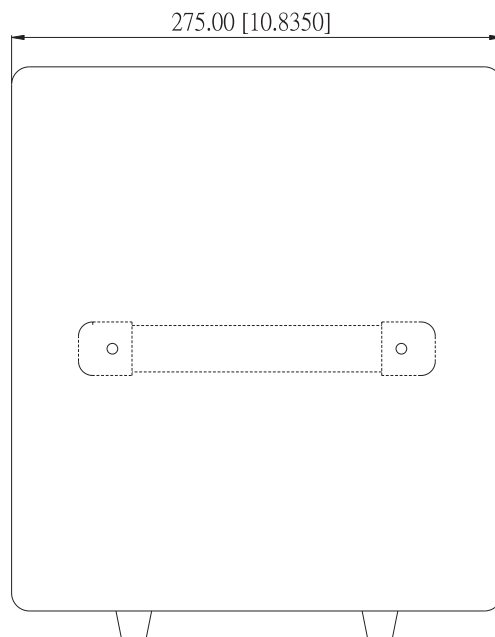
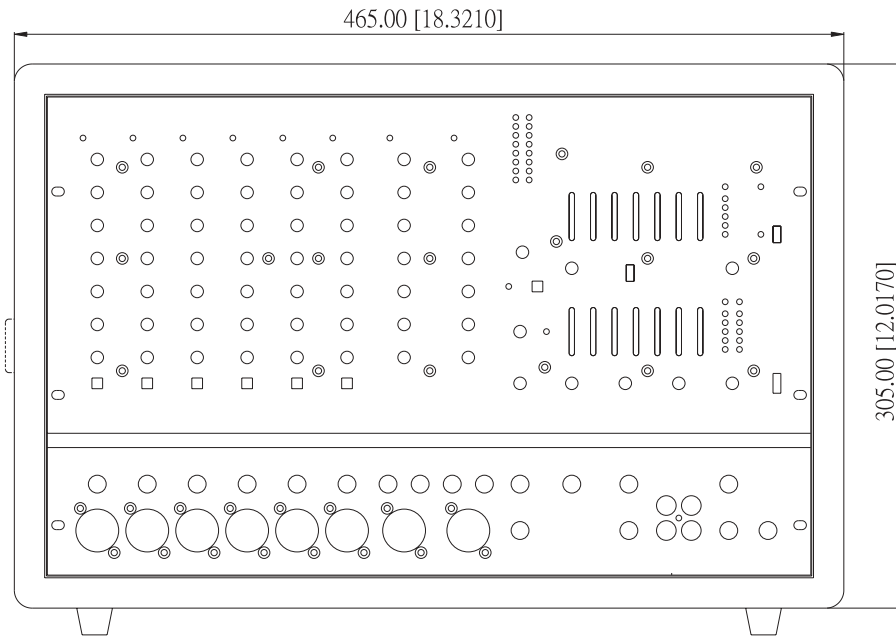
POWER REQUIREMENT CLASSIFICATION

Ref.	Phonic Part No	Specification
<u>IEC</u>		
	070-20368-800-0	X'MER 115/230V (POWERPOD1060)
F2.3	280-20263-000-0	FUSE T2A 250V VDE S
F1	280-63263-000-0	FUSE 6.3A 250V VDE/CE S
X'MER WIRE*2	307-00000-000-0	CORD CONNECTOR HW-C4
	370-23060-939-0	P/CORD 10/16A250V 2.5M2P CE
	527-11000-000-0	STR.REL BUSHING 6W3-4 R (6N3-4)
	573-60240-000-0	BAR CODE LABEL PHONIC SERIES LABEL
<u>SA</u>		
	070-20368-800-0	X'MER 115/230V (POWERPOD1060)
F2.3	280-20263-000-0	FUSE T2A 250V VDE S
F1	280-63263-000-0	FUSE 6.3A 250V VDE/CE S
	307-00000-000-0	CORD CONNECTOR HW-C4
	370-15020-829-0	P/CORD 15A/250V 1.0MM*3 6F 3P
	527-11000-000-0	STR.REL BUSHING 6W3-4 R (6N3-4)
	573-60240-000-0	BAR CODE LABEL PHONIC SERIES LABEL
<u>UL</u>		
	070-20368-800-0	X'MER 115/230V (POWERPOD1060)
F1	280-10366-000-0	FUSE T10A UL/CSA S 5*20
F2.3	280-2026B-001-0	FUSE 2A 250V UL/CSA/JIS S
	307-00000-000-0	CORD CONNECTOR HW-C4
	370-08010-733-0	P/CORD 125V10A 2.5M 1MM/3P UL/CSA
	527-11000-000-0	STR.REL BUSHING 6W3-4 R (6N3-4)
	573-60240-000-0	BAR CODE LABEL PHONIC SERIES LABEL

IC LIST

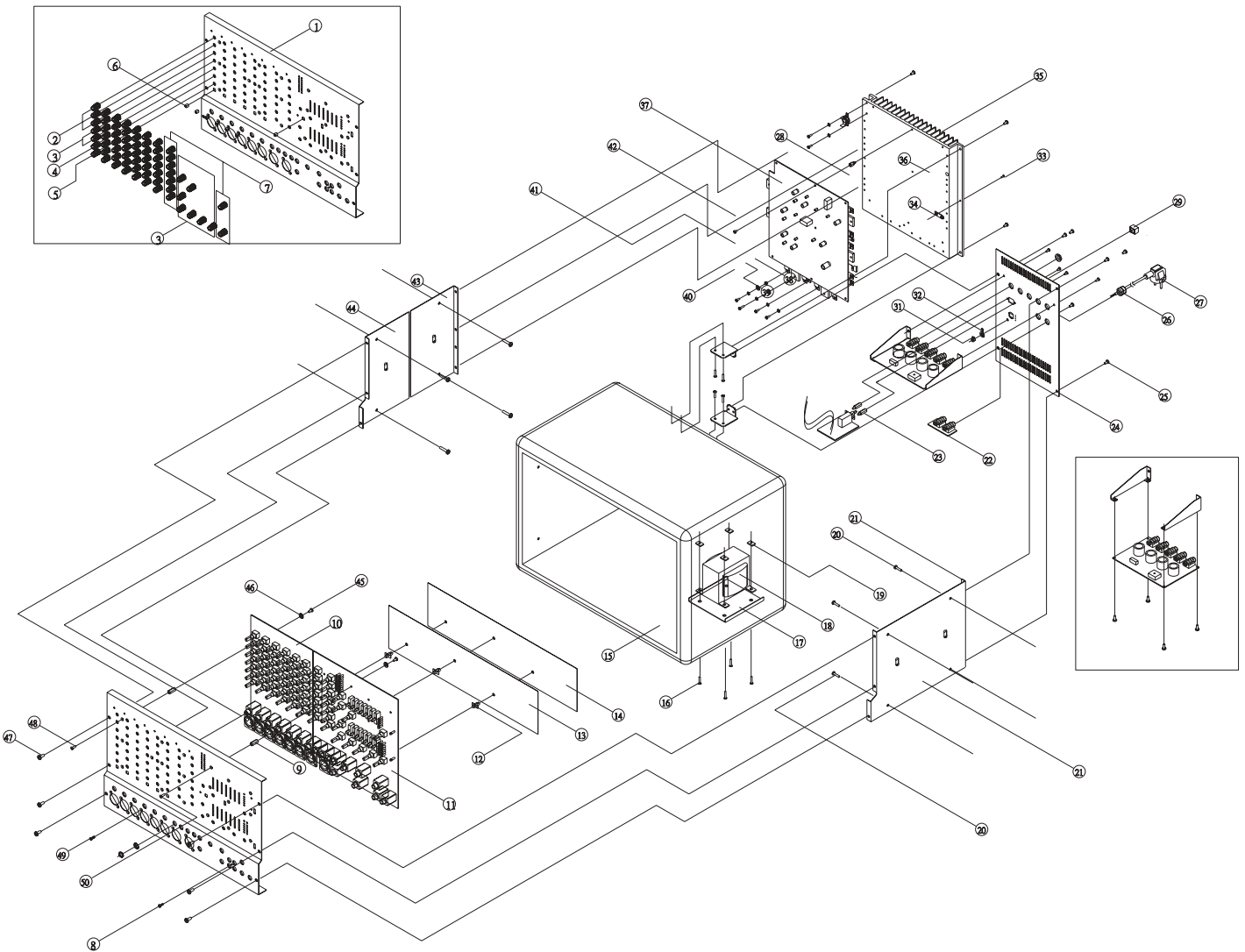
Ref.	Phonic	Specifications	Supplier
IC101-106.	160-00007-510-0	IC NJM2068L JRC	http://www.njr.com
IC904.905.908	160-00002-300-0	IC M5229P MITSUBISHI	http://www.mitsubishichips.com/common/cfm/eContentDriver.cfm
IC107-111.901.902.903.906.907.909-912.914.918	160-00007-510-0	IC NJM2068L JRC	http://www.njr.com
IC913	160-00018-000-0	IC NJM4556AL JRC	http://www.njr.com
IC915.916.917	160-00019-100-0	IC BA6137	http://www.elektro-obecnice.cz/data/katalogove_listy/elektroBA.html
IC1002	171-00000-310-0	CMOS IC HD74HC74P HITACHI	http://www.semiconductors.philips.com/
U1007	171-00002-800-0	CMOS IC PC74HC30P	http://www.semiconductors.philips.com/
U1006	171-00002-900-0	CMOS IC PC74HC374P	http://www.semiconductors.philips.com/
IC1001	171-00003-500-0	CMOS IC 74HC14 HITACHI	http://www.semiconductors.philips.com/
U1005	177-01003-510-0	IC M27C512-12 SINGAPORE WINBOND	http://us.st.com/stonline/index.shtml
U1001	177-02000-331-0	GAL IC 16V8D-15LP LATTICE	http://www.latticesemi.com/
U1008	170-00007-000-0	TTL IC 74HC393 SMD	http://www.semiconductors.philips.com/
U1009	171-00000-220-0	CMOS IC HD74HC04N (SMT)	http://www.semiconductors.philips.com/
U1003	177-01004-700-0	IC BS62LV1024SC-70 SOP BSI	http://www.bsi.com.tw/e_index.htm
U1004	177-04013-000-0	CHIP ART FX DSP2 84P JAPAN 100-1365-102	http://www.artproaudio.com/main.html
U1002	177-04022-000-0	IC AK4522A-VF VSOP AKM	http://www.akm.com/

DIMENSIONS



DIMENSIONS ARE SHOWN IN MM/INCH.

EXPLODED VIEW



No	PART NO	Title	QTY	No	PART NO	Title	QTY	No	PART NO	Title	QTY	No	PART NO	Title	QTY
14	553-2009-480-0	PCB SHIELD PLATE	1	28	615-60044-630-0	BOSS H6.0	8	42	590-53012-100-0	M3.0*12 NI	8	50	591-53008-100-0	D3.0*8 BLK	1
13	553-20010-490-0	PCB SHIELD PLATE	1	27	370-23060-939-0	PCCORD	1	41	590-43006-100-0	M3.0*6 NI	8	49	591-03008-200-0	D3.0*8 BLK	16
12	615-20094-620-0	PCB BOSS	3	26	527-11000-000-0	SCR.REL.BUSHING	1	40	590-43008-100-0	M3.0*8 NI	13	48	590-03008-200-0	M3.0*8 BLK	10
11	F01-57000-002-0	PCB	1	25	590-54010-200-0	M4.0*10 BLK	10	39	610-60300-700-0	PAN SPR.WAS	26	47	590-54010-100-0	M4.0*10 NI	6
10	F01-32000-100-0	PCB	1	24	511-20550-800-0	BACK PANEL	1	38	314-00000-050-0	BUSHING	4	46	610-00301-018-0	FIBER WAS	19
9	615-20088-620-0	SPACER SUPPORT H16	19	23	615-20023-630-0	BOSS 15*5	2	37	F01-57000-005-0	PCB	1	45	590-53008-100-0	M3.0*8 NI	33
8	591-53008-100-0	D3.0*8	1	22	F01-57000-003-0	PCB	1	36	210-10090-001-0	TMP/SPW	1	44	551-60056-000-0	BRKT	1
7	540-60148-620-0	R/KNOB	6	21	551-20043-400-0	RT BRKT	1	35	526-60053-012-0	HEAT SINK	1	43	551-60057-000-0	BRKT	1
6	542-20300-121-0	R/KNOB	7	20	590-54018-200-0	M4.0*18 BLK	14	34	600-00301-102-0	WAS	1				
5	540-60148-420-0	R/KNOB	8	19	610-00401-200-0	PLA WAS	4	33	590-53010-200-0	M3.0*10 BLK	1				
4	540-60148-920-0	R/KNOB	8	18	070-60008-810-0	XMER	1	32	610-30400-500-0	TOOTH WAS	1				
3	540-60148-520-0	R/KNOB	19	17	551-60055-000-0	FAN BRKT	1	31	600-00403-510-0	NUT M3.0	1				
2	540-60148-720-0	R/KNOB	24	16	590-54030-200-0	M4.0*30 BLK	4	30	590-43006-200-0	M3.0*6 BLK	2				
1	510-60330-100-0	PANEL 1060X	1	15	W01-00008-000-0	WOOD BOX	1	29	542-20150-120-0	R/KNOB	1				

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