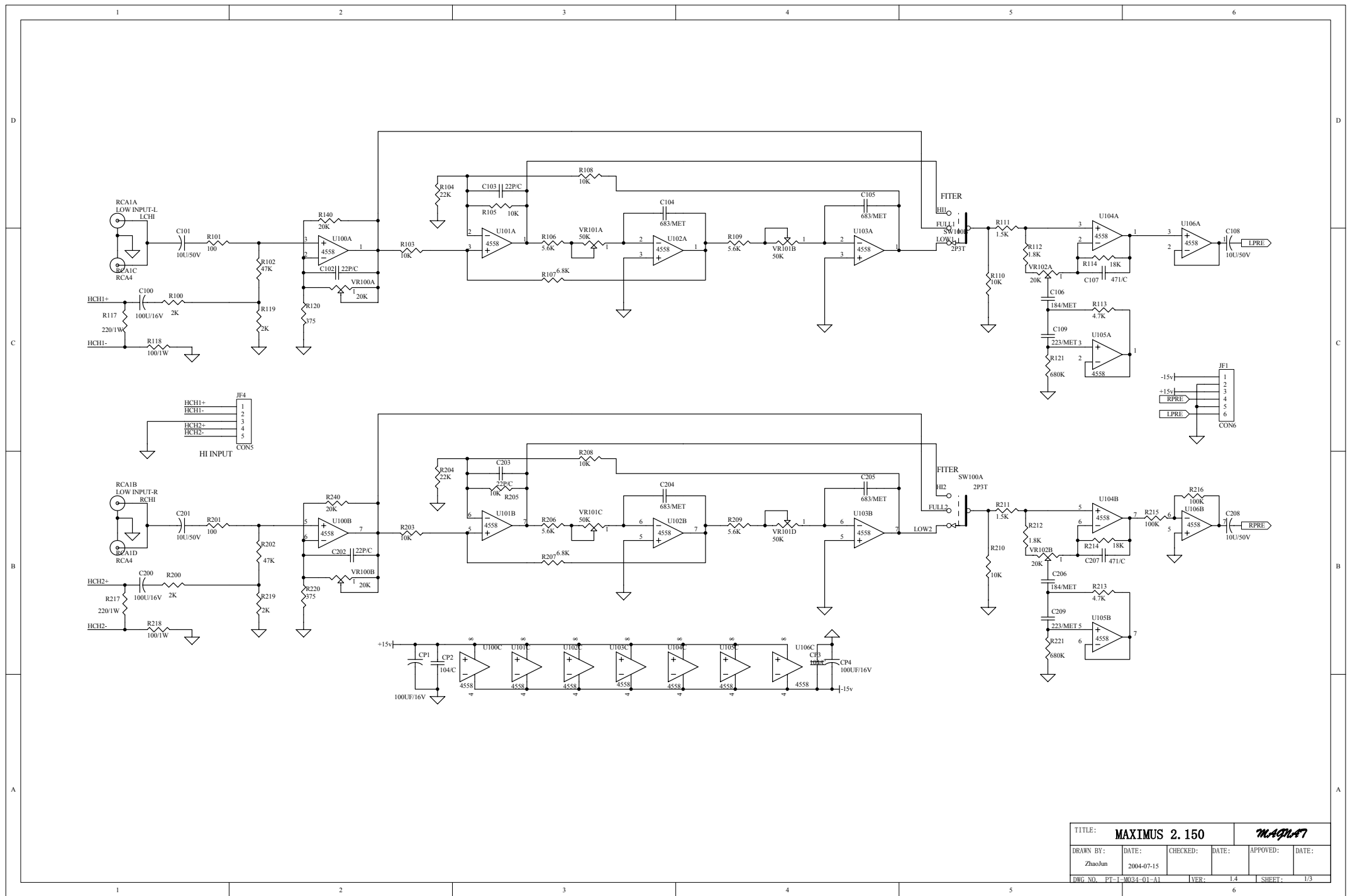
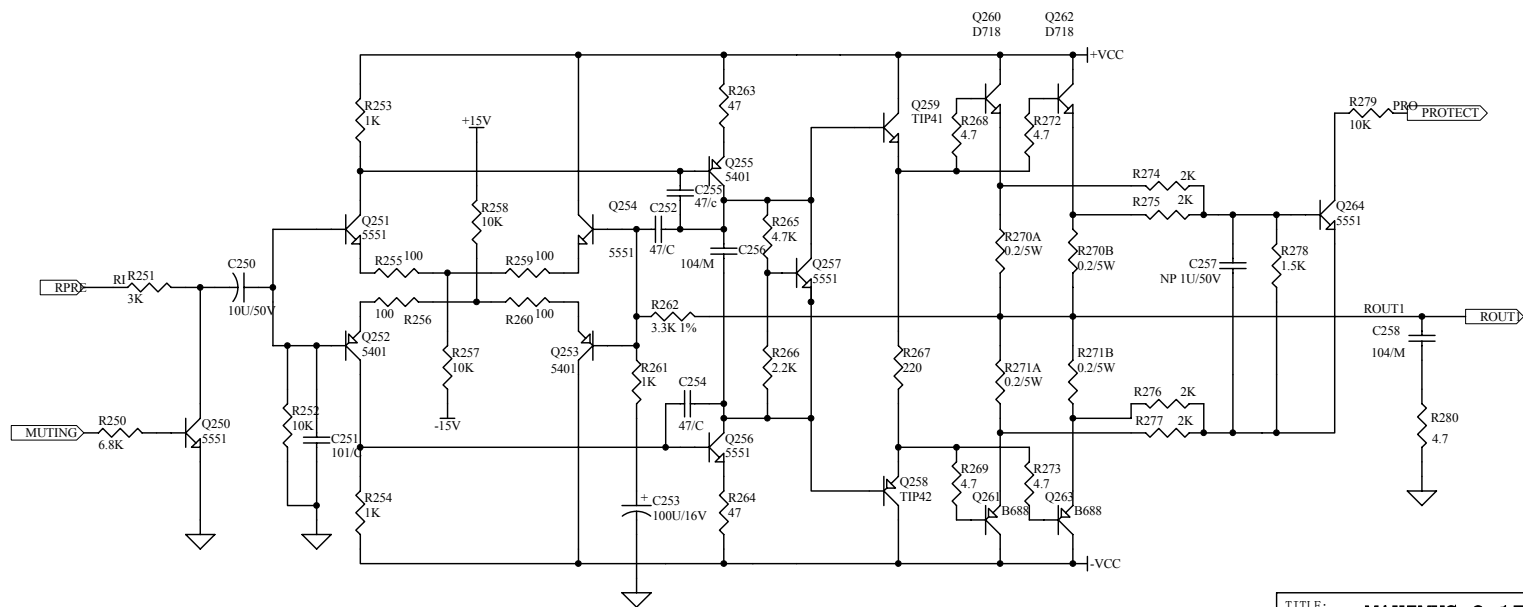
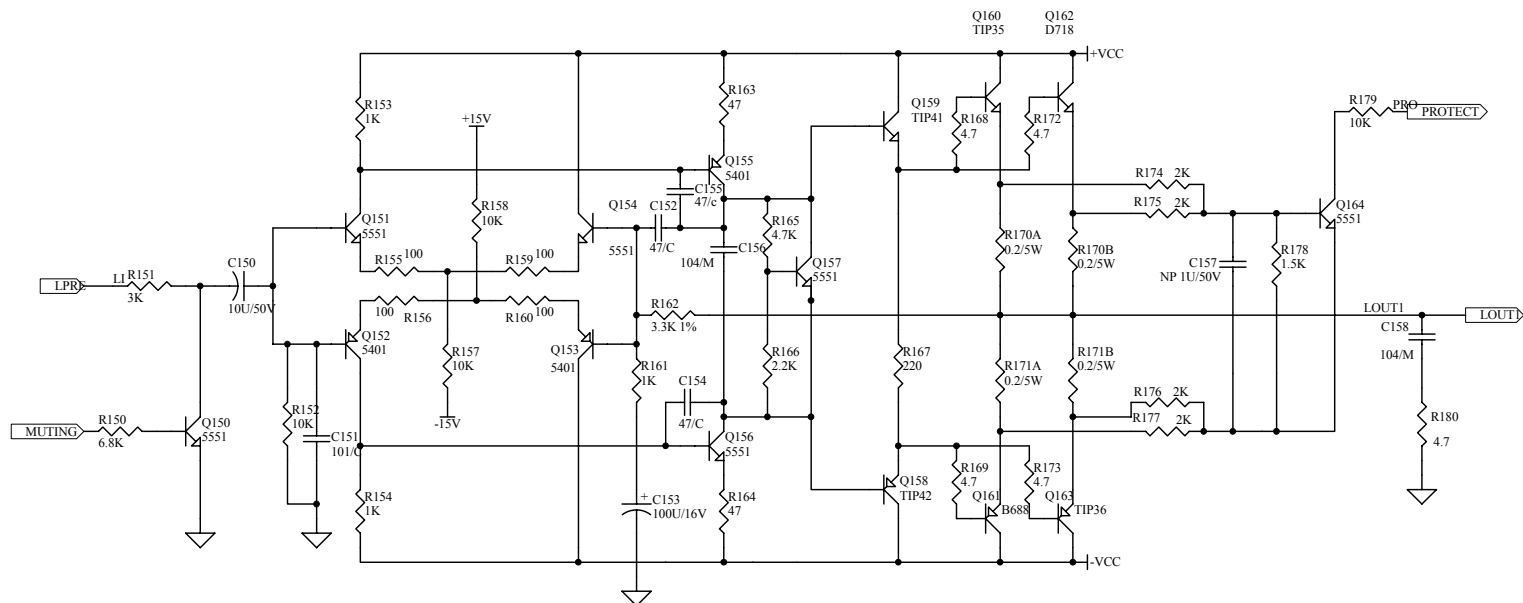


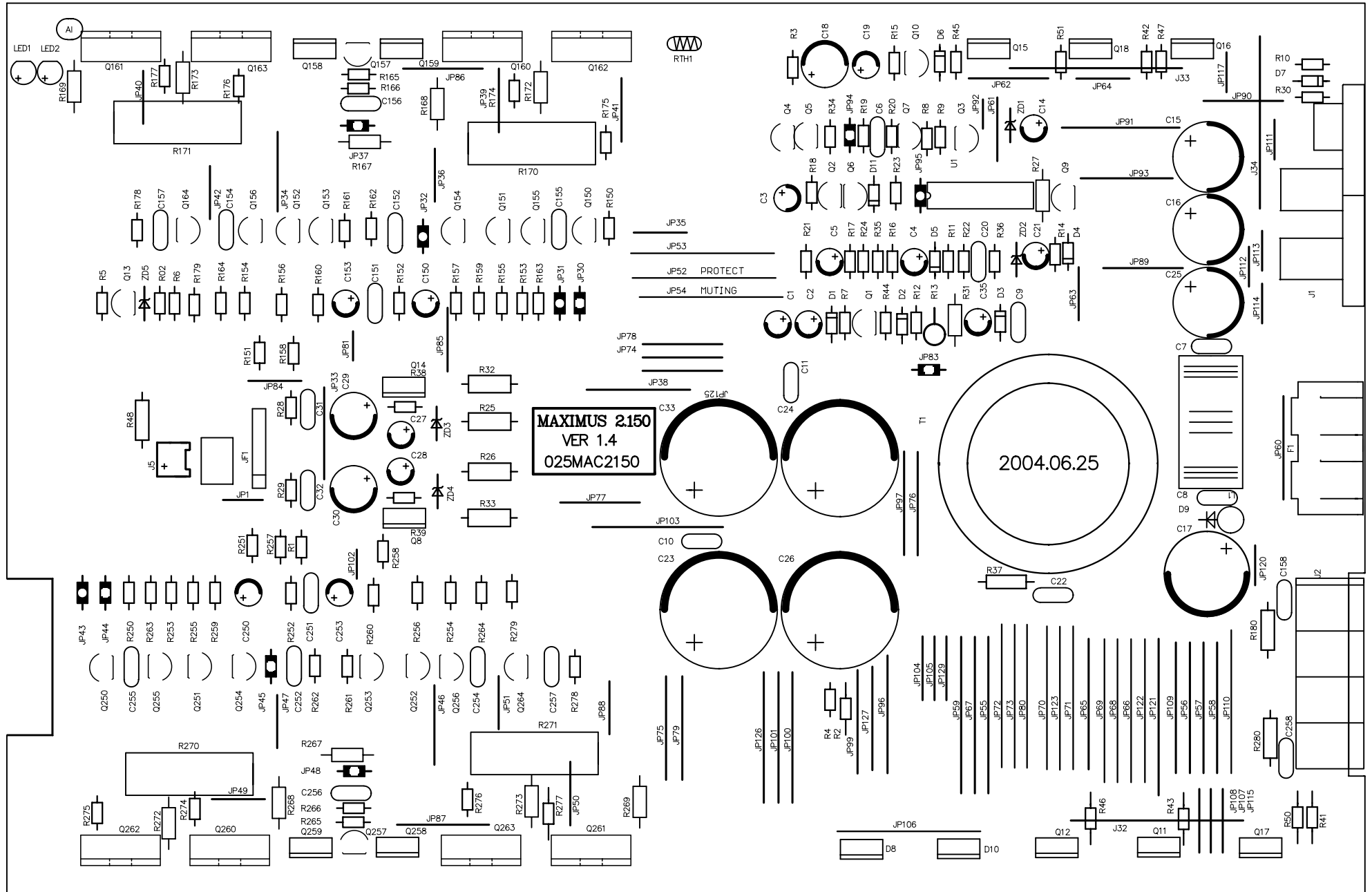


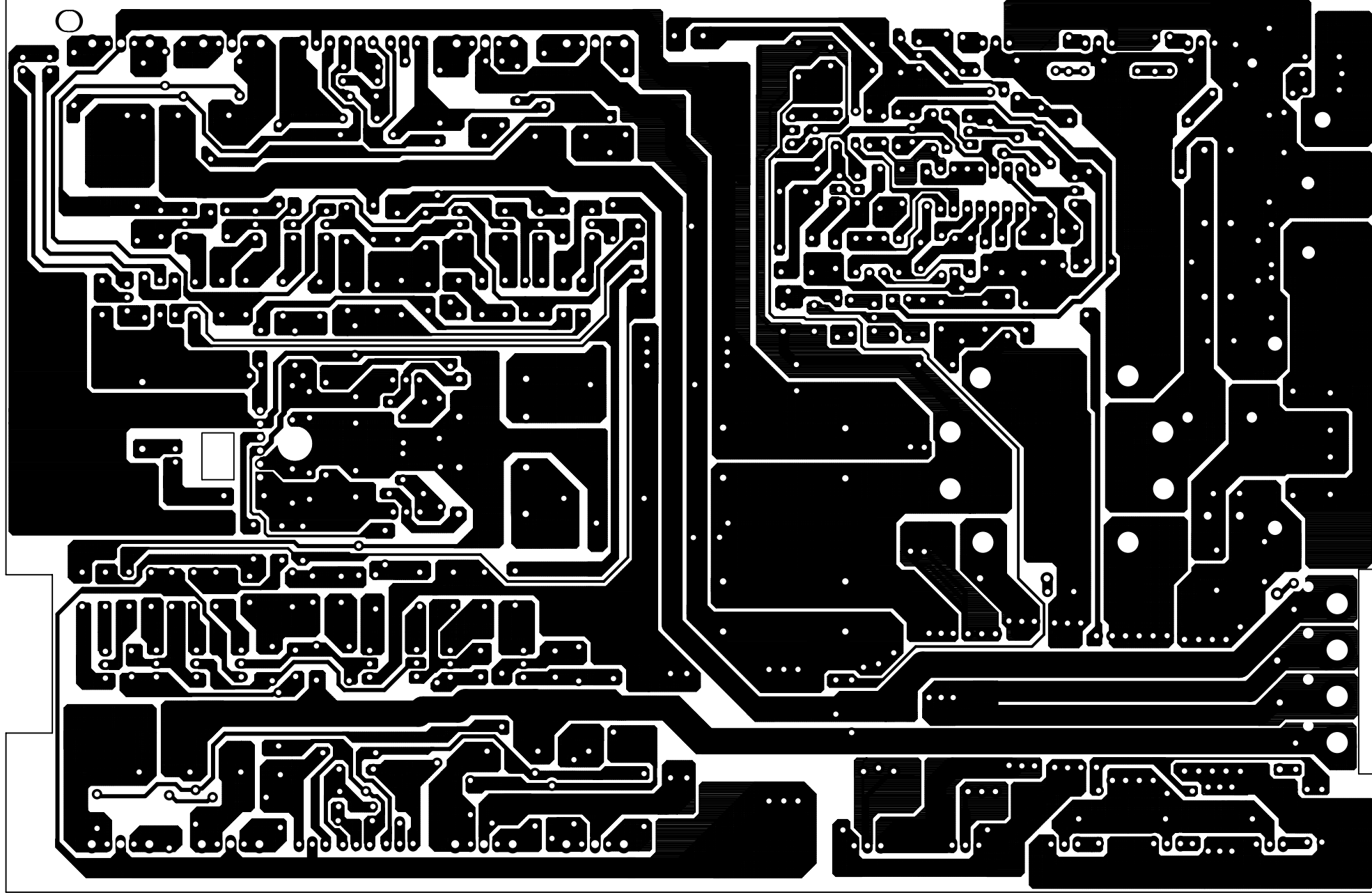


TITLE: MAXIMUS 2.150		MAGNET			
DRAWN BY: ZhaoJun	DATE: 2004-07-15	CHECKED:	DATE:	APPROVED:	DATE:
FIG. NO. PT-1-M034-01-A1	VER: 1.4	SHEET: 1/3			

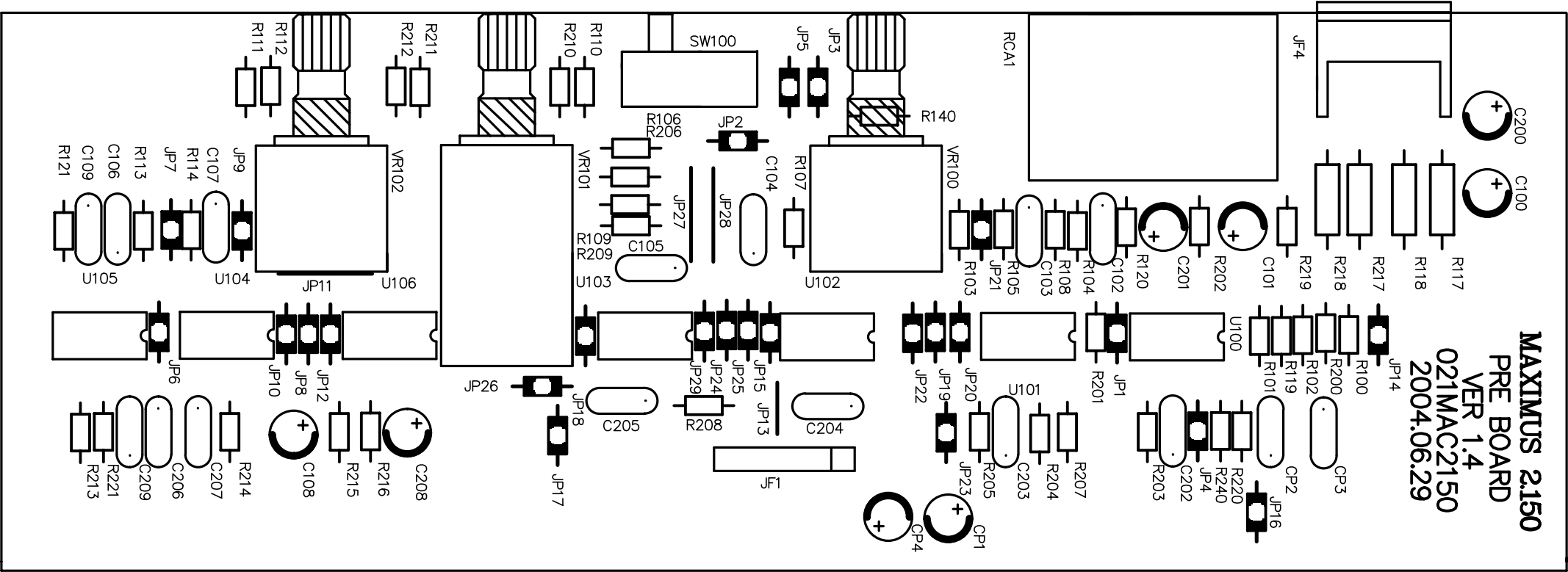


TITLE: MAXIMUS 2.150		MAQ1647			
DRAWN BY: ZhaoJun	DATE: 2004-07-15	CHECKED:	DATE:	APPROVED:	DATE:
DRG NO. PT-I-M034-01-A1	VER: 1.4	SHEET: 2/3			



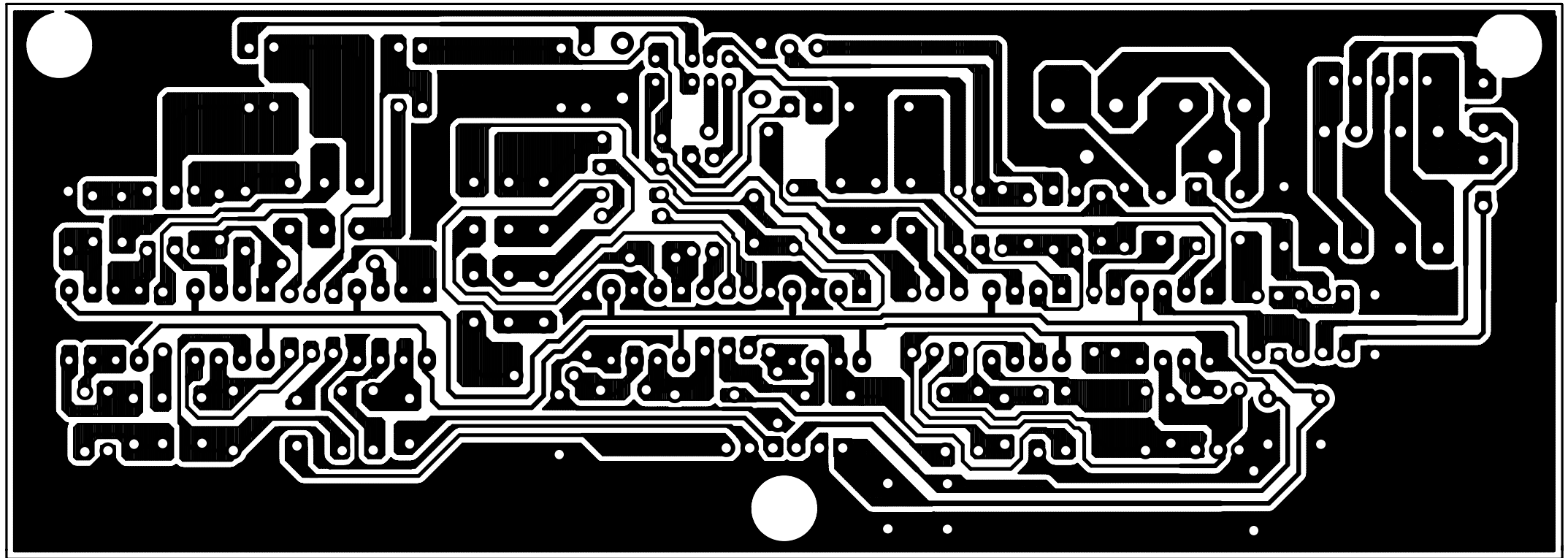


MAXIMUS 2.150 PREBOARD TopOverlay



MAXIMUS 2.150
PRE BOARD
VER 1.4
021MAC2150
2004.06.29

MAXIMUS 2.150 PREBOARD Bottomlayer



MAXIMUS 2.150 BOM				
DATE:2004-10-10				
Stratum	Manufacturer Part Number	Description of Material / Color (if applicable)	Use Q'TY	Exploded Drawing Number: / location Number:
0	MAXIMUS 2.150	125W*2	1	
0,1	ASYMAXIMUS 2.150	MAXIMUS 2.150 big PCB part	1	
..2	WZMAXIMUS 2.150	MAXIMUS 2.150 automatic plug-in portion	1	
...3	025MAC2150	PCB for MAXIMUS 2.150,260*170.5m/m V1.4	1	
...3	124TN4401	Transistor MOTOROLA 2N4401	4	Q2 Q5 Q4 Q3
...3	124TN4403	Transistor MOTOROLA 2N4403	5	Q1 Q13 Q10 Q6 Q9
...3	124TN5401	Transistor MOTOROLA 2N5401	6	Q155 Q255 Q253 Q153 Q252 Q152
...3	124TN5551	Transistor 2N5551	10	Q164 Q264 Q250 Q150 Q254 Q154 Q251 Q151 Q256
				Q156
...3	126TSB647	Transistor 2SB647A	1	Q7
...3	131TN4148	DIODE NS1N4148HSS150MA	8	D1 D2 D3 D4 D5 D6 D7 D11
...3	132T-C8B2	DIODE PHILIPS1/2W 8.2V	1	ZD1
...3	133T0J5B6	DIODENECRD5.6JSB ZNR5.6V	1	ZD5
...3	133T0011B	DIODE NEC RD11EB3 11V	1	ZD2
...3	133T0015B	DIODE NEC RD15EB3 15V	2	ZD3 ZD4
...3	220220392	Resistor RD 1/2W 3.9K	2	R25 R26
...3	22022047A	Resistor RD 1/2W 4.7Ω	2	R180 R280
...3	220440101	Resistor RD 1/4W 100Ω	1	R27
...3	220440221	Resistor RD 1/4W 220Ω	2	R167 R267
...3	22044047A	Resistor RD 1/4W 4.7Ω	8	R168 R268 R169 R269 R273 R173 R172 R272
...3	220880000	Resistor RD 1/8W 0Ω	11	JP83 JP30 JP31 JP32 JP37 JP43 JP44 JP45 JP48
				JP94 JP95
...3	220880101	Resistor RD 1/8W 100Ω	11	R45 R47 R51 R155 R255 R156 R256 R159 R259
				R160 R260

MAXIMUS 2.150 BOM				
DATE:2004-10-10				
Stratum	Manufacturer Part Number	Description of Material / Color (if applicable)	Quantity	Exploded Drawing Number: / location Number:
...3	220880101L	Resistor RD 1/8W 100Ω 52m/m	3	R43 R46 R50
...3	220880102	Resistor RD 1/8W 1K	11	R44 R42 R15 R14 R7 R253 R153 R154 R254 R161 R261
...3	220880102L	Resistor RD 1/8W 1K 52m/m	1	R41
...3	220880103	Resistor RD 1/8W 10K	12	R11 R10 R20 R152 R252 R157 R257 R158 R258
				R12 R179 R279
...3	220880104	Resistor RD 1/8W 100K	2	R3 R4
...3	220880104L	Resistor RD 1/8W 100K 52m/m	1	R2
...3	220880123	Resistor RD 1/8W 12K	1	R17
...3	220880152	Resistor RD 1/8W 1.5K	2	R178 R278
...3	220880153	Resistor RD 1/8W 15K	1	R21
...3	220880202	Resistor RD 1/8W 2K	8	R23 R174 R274 R175 R275 R176 R276 R177
...3	220880202L	Resistor RD 1/8W 2K 52m/m	1	R277
...3	220880205	Resistor RD 1/8W 2M	1	R22
...3	220880222	Resistor RD 1/8W 2.2K	7	R38 R36 R39 R166 R266 R28 R29
...3	220880223	Resistor RD 1/8W 22K	1	R30
...3	220880272	Resistor RD 1/8W 2.7K	1	R24
...3	220880302	Resistor RD 1/8W 3K	4	R19 R18 R251 R151
...3	220880332	Resistor RD 1/8W 3.3K	2	R02 R6
...3	220880333	Resistor RD 1/8W 33K	1	R1
...3	220880363	Resistor RD 1/8W 36K	1	R35
...3	220880470	Resistor RD 1/8W 47Ω	4	R164 R163 R264 R263
...3	220880472	Resistor RD 1/8W 4.7K	2	R165 R265
...3	220880473	Resistor RD 1/8W 47K	1	R34
...3	220880562	Resistor RD 1/8W 5.6K	2	R9 R5

MAXIMUS 2.150 BOM				
DATE:2004-10-10				
Stratum	Manufacturer Part Number	Description of Material / Color (if applicable)	Quantity	Exploded Drawing Number: / location Number:
...3	220880682	Resistor RD 1/8W 6.8K	4	R16 R150 R250 R8
...3	230883301	Resistor MF 1/8W 3.3K 1%	2	R162 R262
...3	31J510110	Capacitor C/C NPO 100pF 100V J	2	C151 C251
...3	31Z510410	Capacitor C/C Y5V 0.1uF 100V Z	8	C6 C7 C8 C9 C10 C11 C31 C32
...3	31J547010	Capacitor C/C NPO 47pF 100V J	6	C154 C254 C152 C252 C155 C255
...3	31J568125	Capacitor C/C Y5E 680pF 250V K	1	C22
...3	32J510410	Capacitor M/C 0.1uF 100V J	2	C158 C258
...3	32J568210	Capacitor M/C 0.0068uF 100V J	1	C20
...3	340Z10650	Electrolytic capacitor ,10uF 50V 5*11	3	C2 C150 C250
...3	340Z10716	Electrolytic capacitor ,100uF 16V 5*11	5	C27 C28 C253 C153 C19
...3	340Z22616	Electrolytic capacitor , 22uF 16V	1	C21
...3	340Z22625	Electrolytic capacitor ,22uF 25V 5*11	1	C3
...3	340Z22716	Electrolytic capacitor ,220uF 16V 8*12	2	C29 C30
...3	340Z47550	Electrolytic capacitor ,4.7uF 50V 5*11	1	C35
...3	340Z47616	Electrolytic capacitor ,47uF 16V 5*11	1	C14
...3	340Z47625	Electrolytic capacitor ,47uF 25V 5*11	1	C5
...3	344Z22716	Electrolytic capacitor , 220uF 16V 6.3*12	1	C4
...3	370Z10550	Electrolytic capacitor NP 1uF 50V 5*11	2	C157 C257
...3	370Z10716	Electrolytic capacitor NP 100uF 16V 8*12	1	C18
...3	370Z47616	Electrolytic capacitor NP 47uF 16V	1	C1
...3	391T10104	MET capacitor , 0.1uF 100V MEMB	2	C156 C256
...3	400T08050	Jumper 0.78*5m/m	3	JP81 JP92 JP102
...3	400T08075	Jumper 0.78*7.5m/m	7	JP111 JP117 JP120 JP112 JP113 JP114 JP1
...3	400T08100	Jumper 0.78*10m/m	11	JP63 JP35 JP36 JP40 JP42 JP47 JP49 JP51 JP64

MAXIMUS 2.150 BOM				
DATE:2004-10-10				
Stratum	Manufacturer Part Number	Description of Material / Color (if applicable)	Use Q'TY	Exploded Drawing Number: / location Number:
				JP88 JP84
...3	400T08125	Jumper 0.78*12.5m/m	11	JP41 JP108 JP129 JP115 JP107 JP61 JP50 JP104
				JP105 JP39 JP85
...3	400T08150	Jumper 0.78*15m/m	10	JP78 JP125 JP62 JP46 JP86 JP34 JP74 JP77 JP89
				JP90
...3	400T08175	Jumper 0.78*17.5m/m	3	JP93 JP87 JP33
...3	400T08200	Jumper 0.78*20m/m	8	JP79 JP127 JP60 JP99 JP97 JP75 JP76 JP38
...3	400T08225	Jumper 0.78*22.5m/m	2	JP96 JP91
...3	400T08250	Jumper 0.78*25m/m	9	JP58 JP126 JP109 JP65 JP57 JP56 JP100 JP101
				JP103
...3	400T08275	Jumper 0.78*27.5m/m	15	JP71 JP70 JP69 JP66 JP68 JP54 JP53 JP52
				JP106 JP80 JP72 JP73 JP123 JP122 JP110
...3	400T08300	Jumper 0.78*30m/m	4	JP121 JP55 JP67 JP59
..2	WSMAXIMUS 2.150	MAXIMUS 2.150 manually plug-in portion	1	
...3	124TN5551	Transistor ,2N5551	2	Q157 Q257
...3	128TTI41C	Transistor ,TIP41C	1	Q14
...3	128TTI42C	Transistor ,TIP42C	1	Q8
...3	134TN5402	DIODE 1N5402 ET3.0A100V	1	D9(stand)
...3	137T03G00	Green LED φ=3m/m	1	LED2
...3	137T03R00	Red LED φ=3m/m	1	LED1
...3	158TTL494	IC DIP16NEC UPC494 OR TI TL494	1	U1
...3	220220682	Resistor RD 1/2W 6.8K	1	R13(stand)
...3	231100101	Resistor , miniaturization 1Ws 100Ω	1	R31
...3	231100220	Resistor , miniaturization 1Ws 22Ω	1	R37

MAXIMUS 2.150 BOM				
DATE:2004-10-10				
Stratum	Manufacturer Part Number	Description of Material / Color (if applicable)	Quantity	Exploded Drawing Number: / location Number:
...3	231100241	Resistor , miniaturization 1Ws 240Ω	1	R48
...3	231100470	Resistor , miniaturization 1Ws 47Ω	2	R32 R33
...3	24250020B	Cement resistor ,5W 0.2Ω ,3 feet , H=15	4	R170 R270 R171 R271
...3	261T05103	Thermal resistor 10K	1	RTH1
...3	340T22850	Electrolytic capacitor ,2200uF 50V 20*27	4	C33 C26 C23 C24
...3	341T22835	Electrolytic capacitor ,2200uF 35V 16*26 105°	1	C17
...3	343T22825	Electrolytic capacitor ,2200uF 25V 13*25 105°	3	C25 C16 C15
...3	401T25035	Copper jumper ,φ2.5*35 H=15	1	
...3	410T24003	3P copper slice , 2.4*35m/m	3	J32 J33 J34
...3	535T2502A	2P socket , P=2.5m/m 180°	1	J5
...3	538T2506B	6P socket	1	JF1
...3	571T18060	GNDWIRE (1015#AWG 18) L= 60m/m	1	GND
...3	862T00004	Fibre sleeve pipe , 4m/m φ1.0	1	Set LED1
...3	862T00008	Fibre sleeve pipe , 8m/m φ1.0	1	Set LED2
...3	862T00010	Fibre sleeve pipe , 10m/m φ1.0	2	Set Q157 Q257
...3	862T00013	Fibre sleeve pipe , 13m/m φ1.0	2	Set RTH1
..2	EMAXIMUS 2.150	MAXIMUS 2.150 manually plug-in portion	1	
...3	123TRFZ4N	Transistor , IR IRFZ46N	6	Q11 Q12 Q16 Q17 Q18 Q15
...3	128TTI41C	Transistor ,TIP41C	2	Q159 Q259
...3	128TTI42C	Transistor ,TIP42C	2	Q158 Q258
...3	128TKB688	Transistor ,KB688	4	Q161 Q263 Q261 Q163
...3	128TKD718	Transistor ,KD718	4	Q162 Q262 Q260 Q160
...3	135T1620C	DIODE MOTOROLA 1620CT	1	D8
...3	135T1620R	DIODE MOTOROLA 1620CTR	1	D10

MAXIMUS 2.150 BOM				
DATE:2004-10-10				
Stratum	Manufacturer Part Number	Description of Material / Color (if applicable)	Use Q'TY	Exploded Drawing Number: / location Number:
...3	172T41050	Inductance ,T23*90-26 1.0*4*71/2TS5.	1	L1
...3	183T37617	Power transformer ,37φ6:17F=1.0*5*6 S=1.0*2*17	1	T1
...3	435T00025	Fuse , 25A ATC	2	F1
...3	447T00001	Fuse socket	1	F1
...3	543W13003	3P terminal (Plating nickel)White and transparent	1	J1
...3	544W13514	4P terminal (Plating nickel)White and transparent	1	J2
0,1	ASYMAXIMUS 2.150P	MAXIMUS 2.150 small PCB part	1	
.2	WZMAXIMUS 2.150P	MAXIMUS 2.150 small PCB automatic plug-in portion	1	
...3	021MAC2150	Small PCB for MAXIMUS 2.150 ,60*169.5m/m V1.4	1	
...3	220880000	Resistor RD 1/8W 0Ω	25	JP1~JP10 JP12 JP14~JP26 JP29
...3	220880101	Resistor RD 1/8W 100Ω	2	R201 R101
...3	220880102	Resistor RD 1/8W 1K	2	R219 R119
...3	220880103	Resistor RD 1/8W 10K	8	R210 R110 R108 R208 R103 R203 R105 R205
...3	220880104	Resistor RD 1/8W 100K	2	R216 R215
...3	220880152	Resistor RD 1/8W 1.5K	2	R211 R111
...3	220880182	Resistor RD 1/8W 1.8K	2	R212 R112
...3	220880183	Resistor RD 1/8W 18K	2	R214 R114
...3	220880202	Resistor RD 1/8W 2K	2	R200 R100
...3	220880203	Resistor RD 1/8W 20K	2	R240 R140
...3	220880223	Resistor RD 1/8W 22K	2	R204 R104
...3	220880472	Resistor RD 1/8W 4.7K	2	R213 R113
...3	220880473	Resistor RD 1/8W 47K	2	R202 R102
...3	220880562	Resistor RD 1/8W 5.6K	4	R209 R106 R206 R109
...3	220880682	Resistor RD 1/8W 6.8K	2	R207 R107

MAXIMUS 2.150 BOM				
DATE:2004-10-10				
Stratum	Manufacturer Part Number	Description of Material / Color (if applicable)	d use Q'TY	Exploded Drawing Number: / location Number:
...3	220880684	Resistor RD 1/8W 680K	2	R221 R121
...3	230883750	Resistor MF 1/8W 375Ω 1%	2	R220 R120
...3	31Z510410	Capacitor C/C Y5V 0.1uF 100V Z	2	CP3 CP2
...3	31J522010	Capacitor C/C NPO 22pF 100V J	4	C203 C202 C102 C103
...3	31K547110	Capacitor C/C Y5E470pF 100V K	2	C207 C107
...3	340Z10650	Electrolytic capacitor ,10uF 50V 5*11	4	C208 C108 C101 C201
...3	340Z10716	Electrolytic capacitor ,100uF 16V 5*11	4	C200 C100 CP1 CP4
...3	391T63184	MET capacitor , 0.18uF 63V MEMB	2	C206 C106
...3	391T63223	MET capacitor , 0.022uF 63V MEMB	2	C209 C109
...3	391T63683	MET capacitor , 0.068uF 63V MEMB	4	C204 C104 C205 C105
...3	400T08050	Jumper 0.78*5m/m	1	JP13
...3	400T08100	Jumper 0.78*10m/m	3	JP11 JP28 JP27
..2	WSMAXIMUS 2.150P	MAXIMUS2.150 small PCB manually plug-in portion	1	
...3	154T04560	IC DIP8 , ROHM BA4560	7	U106 U100 U105 U104 U103 U102 U101
...3	192H23D05	Sliping-switch ,SK-23D05 G=7 (L3R1)	1	SW100
...3	202G15B23	Variable resistance ,B20K	2	VR102 VR100
...3	202T15C53	Variable resistance ,C50K	1	VR101
...3	231100101	Resistor , miniaturization 1Ws 100Ω	2	R218 R118
...3	231100221	Resistor , miniaturization 1Ws 220Ω	2	R217 R117
...3	535T25005	5P socket , P=2.5m/m 90°	1	JF4
...3	537T25406	6P connect pins ,P=2.54m/m , H=19m/m	1	JF1
..2	EMAXIMUS 2.150P	MAXIMUS 2.150 small PCB manually weld portio	1	
...3	518YRC04A	4 holes RCA (up white and below red ,plating nickle)	1	RCA1
0,1 ASYMAXIMUS 2.150 LED MAXIMUS2.150 LED board part			1	

MAXIMUS 2.150 BOM				
DATE:2004-10-10				
Stratum	Manufacturer Part Number	Description of Material / Color (if applicable)	Quantity	Exploded Drawing Number: / location Number:
..2	020MACLED	14.5*201m/m MAXIMUS LED PCB	1	
..2	130B08LED	SMD LED (0805) High bright blue	7	LED1~7
..2	572W25310	2P socket with cable L=310m/m P=2.5m/m	1	
0,1	AMAXIMUS 2.150	MAXIMUS 2.150 assemble part	1	
..2	621B25026	The blue zinc bar with 1 hole , 26*15*2.5	3	
..2	621B25038	The blue zinc bar with 1 hole , 2.5*15*38m/m	3	
..2	621B25050	The blue zinc bar with 1 hole , 2.5*15*50m/m	1	
..2	622B25052	The blue zinc bar with 3 holes , 2.5*15*52m/m	2	
..2	647MAC2150	Heatsink for MAXIMUS 2.150,L=260.5m/m	1	
..2	674MAC2150	Rear panel for MAXIMUS 2.150	1	
..2	680MAC2150	Front panel for MAXIMUS 2.150	1	
..2	685MAC2150	LED board for MAXIMUS 2.150	1	
..2	692MAC2150	Top cover for MAXIMUS 2.150	1	
..2	711T13065	Screw ,PMS 3*6m/m ,black	6	Lock the copper post
..2	711T14126	Screw ,PMS 4*12m/m , black	11	Lock the blue zinc bar
..2	721T33085	Screw ,PTS-1(round head and sharp tail)M3*8 ,b	3	Lock the terminal and RCA and Fuse
..2	727T73087	Screw (Inner hexagon head and flat tail) M3*8 T=2.5 Plating-nickel	8	Lock the side panels
..2	727P63084	Screw (Philips head and flat tail) M3*8,Plating-nickel	6	Lock the top cover
..2	771TLA270	Copper post for S4.300&S4.600 , 4.75*27m/m	3	
..2	830T03010	Paper mat ,3*10*1m/m	1	
..2	831T25032A	Insulating slice of silica gel with 1 hole, 25*32m/m	3	
..2	831T25046A	Insulating slice of silica gel with 1 hole, 25*46m/m	4	
..2	832T25055A	Insulating slice of silica gel with 2 holes, 25*55m/m	2	
..2	843T60610	EVA mat with the gule on only one side ,10*6*6m/m	2	Pad RTH1
..2	843T61010	EVA mat with the gule on only one side ,10*10*6m/m	1	Pad Q157 . Q257

MAXIMUS 2.150 BOM				
DATE:2004-10-10				
Stratum	Manufacturer Part Number	Description of Material / Color (if applicable)	Use Q'TY	Exploded Drawing Number: / location Number:
0,1	TMAXIMUS 2.150	MAXIMUS 2.150 package part	1	
..2	695MAC2150	Bottom panel for MAXIMUS 2.150	1	
..2	721T52304	Screw , flat head ,M3*4 black ,head width ϕ 4.7~5.2m/m	8	Lock the bottom panel
..2	818MAC2150	Badge for MAXIMUS 2.150	1	
..2	872Y81217	Clear PE pag with surroundings protect sign and holes,12*17inch ,T= 0.08	1	Pack the amplifier
..2	932TMAC0L	Left Styrofoam for MAXIMUS	1	
..2	932TMAC0R	Right Styrofoam for MAXIMUS	1	
..2	948MAC2150	Gift box for MAXIMUS 2.150	1	
..2	966MAC2150	Outer box for MAXIMUS 2.150	1/4	
..2	999T20002	Desiccant , 2g every pack	1	
0,1	ASYMAXIMUS 2.150 HWP	MAXIMUS 2.150 accessory pack	1	
..2	435T00025	Fuse , 25A ATC	2	Accessory pack
..2	573T25405	5P socket with cable L=254m/m	1	Accessory pack
..2	721T50108	Screw ,Standard Black Philips #8*1	4	Accessory pack
..2	750T30053	Inner-six-hexagon spanner,18*53 T=3m/m	1	Accessory pack
..2	750T32053	Inner-six-hexagon spanner,2.0*53m/m	1	Accessory pack
..2	761T04001	Spring mat ,4 ϕ ,black	4	Accessory pack
..2	873T78080	Transparent PE bag , 80*80*0.07m/m	1	Accessory pack
Approve:		ME check:	EE check	Tab: