

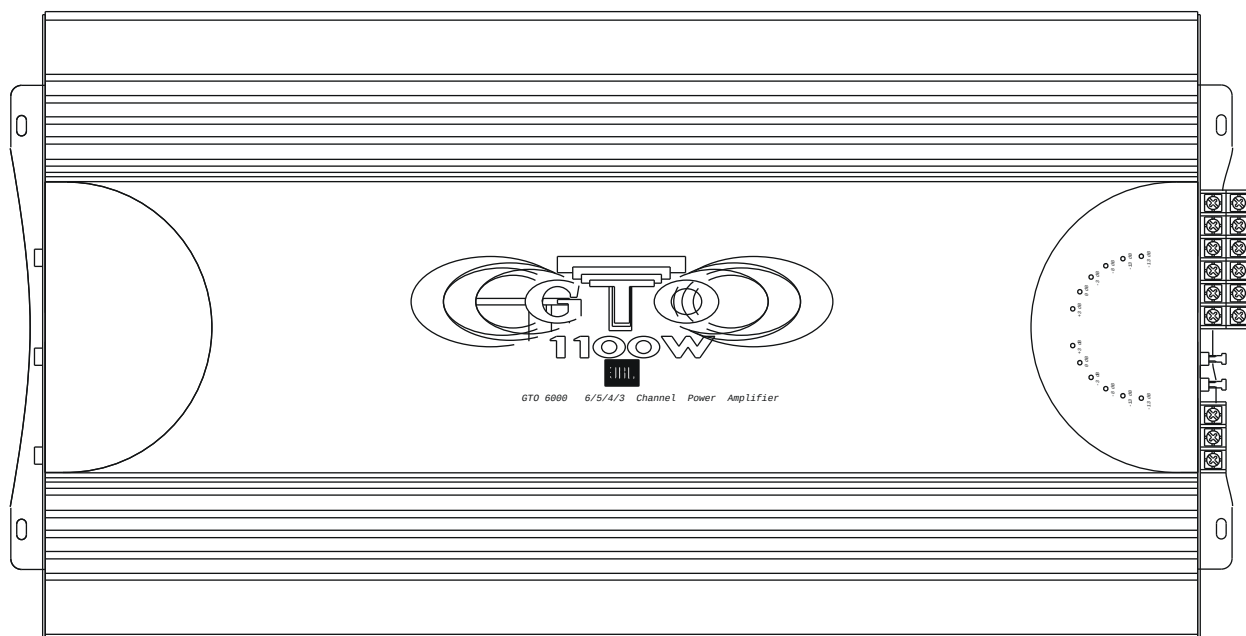
GTO 6000

The JBL logo is enclosed in a square border.

6 CHANNEL

POWER AMPLIFIER

TECHNICAL MANUAL



JBL CONSUMER PRODUCTS
250 CROSSWAYS PARK DRIVE, WOODBURY, NY 11797
8500 BALBOA BOULEVARD, NORTHRIDGE, CA91329
WWW.JBL.COM

Controls and connections

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SPECIFICATIONS

Number of Channels	6
Power Output max	800W
RMS Bridged Power Output ,4 Ohm	550W
RMS Power Output,2 Ohm	4 x 75W/2 x 125W
RMS Power Output,4 Ohm	4 x 50W/2 x 75W
THD@Rated Output.	0:10%
SNR (A - weighted)	>92dB
Frequency response	10Hz-40kHz
Active crossover(cont.var.)	30-320Hz
Crossover settings	HP/off+LP/OFF.
Crossover slope	12dB/oct.
Input sensitivity.	100mV-4V
Bass Boost	+6dB@45Hz

External Dimensions (Inches)

Length	21. 21/32
Width	9 3/8.
Depth	2 1/16

External Dimensions (mms)

Length	550
Width	238.
Depth	52

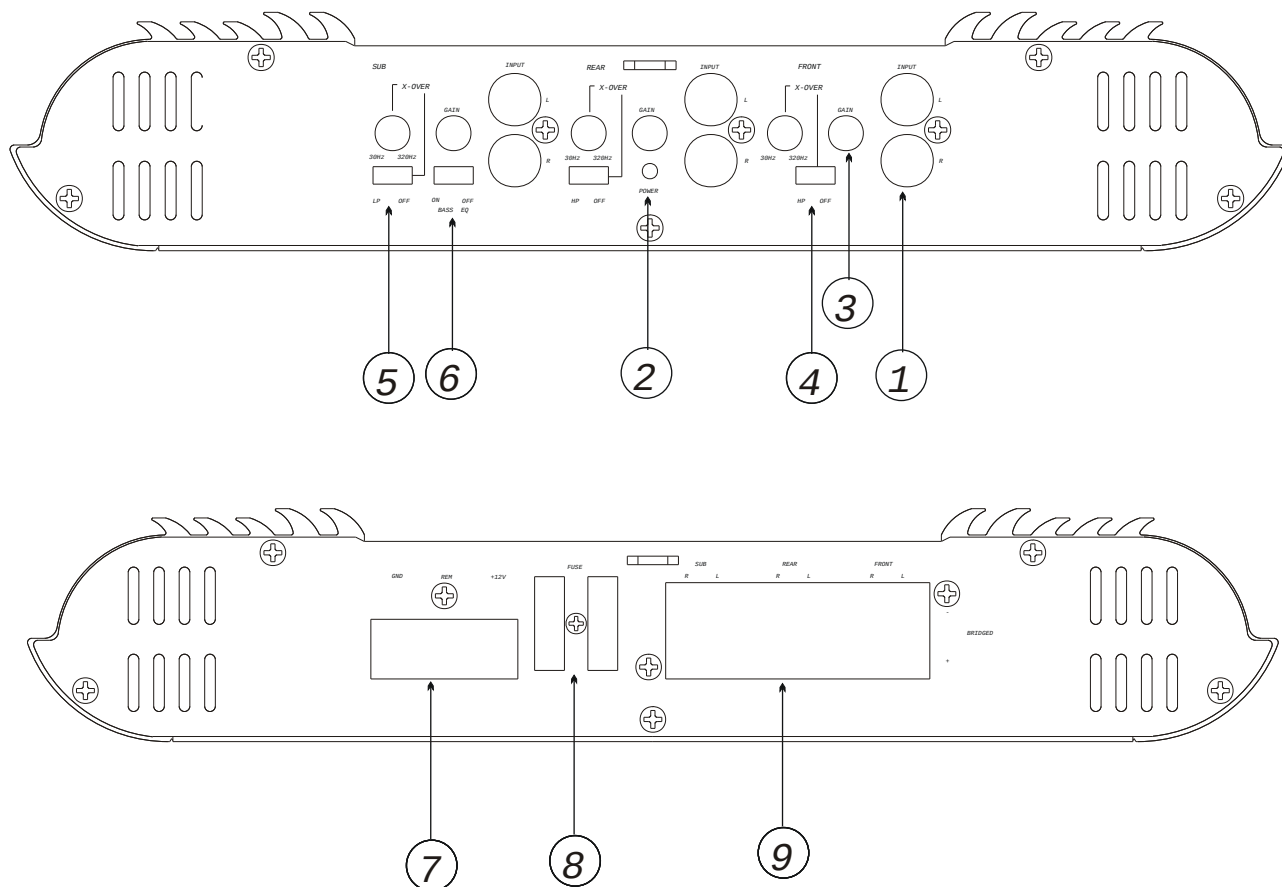
Features

- RCA-jacks, Speaker-and power terminals gold-plated
- 2 ohm stability(stereo mode)
- Bridging capability(min.4 ohm)
- Tri-mode operation(min.4 ohm)
- Protection circuitry thermal-and electrical overload.short-circuit.DC-offset
- HPF variable high pass filter(HPF)30-320Hz.12dB/oct.
- LPF variable low pass filter(LPF)30-320Hz.12dB/oct.
- +6db(at 45Hz)Bass boost (only SUB channels)

Test Conditions and Notes

- All tests to be done, unless otherwise specified, from 30Hz to 320Hz at 14.4V DC into 2 ohm loads and adjust the units gain so that with a .100 volt input signal the unit is at its maximum rated output. All measurements will be done using an Audio precision system one and the supply voltage.
- An A+ line voltage of 14.4V DC shall be applied to the unit under test for all measurements unless otherwise specified. The voltage applied to the unit shall be measured at the power connection on the Amplifier.
- **Signal Source**
Unless otherwise specified, all tests shall be conducted with the Audio Signal Generator output configured be balanced, less than or equal to 50 ohm source impedance, and floating. The signal source "GND" shall be connected to the Amplifier PWR GND at the Amplifier.
- **Output Load**
Unless otherwise specified, all tests shall be conducted with 2 ohm resistive loads having less than 0.1% reactive components at any frequency below 1Kz. Each resistor shall have a value that remains within 0.1% while dissipating the rated output of the unit under test.
- Power Indicator LED steadily illuminates for normal operation.

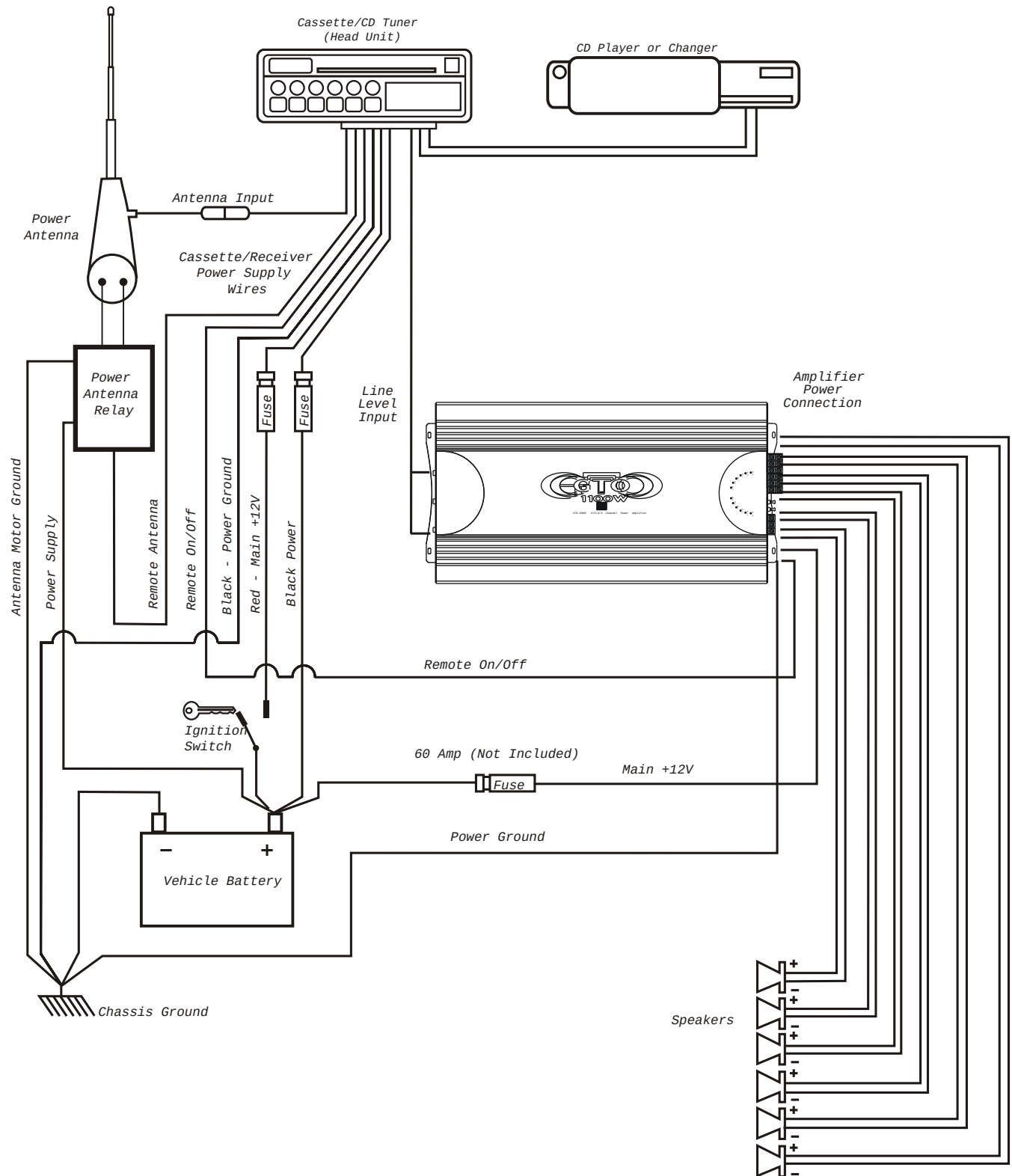
Controls and Connections



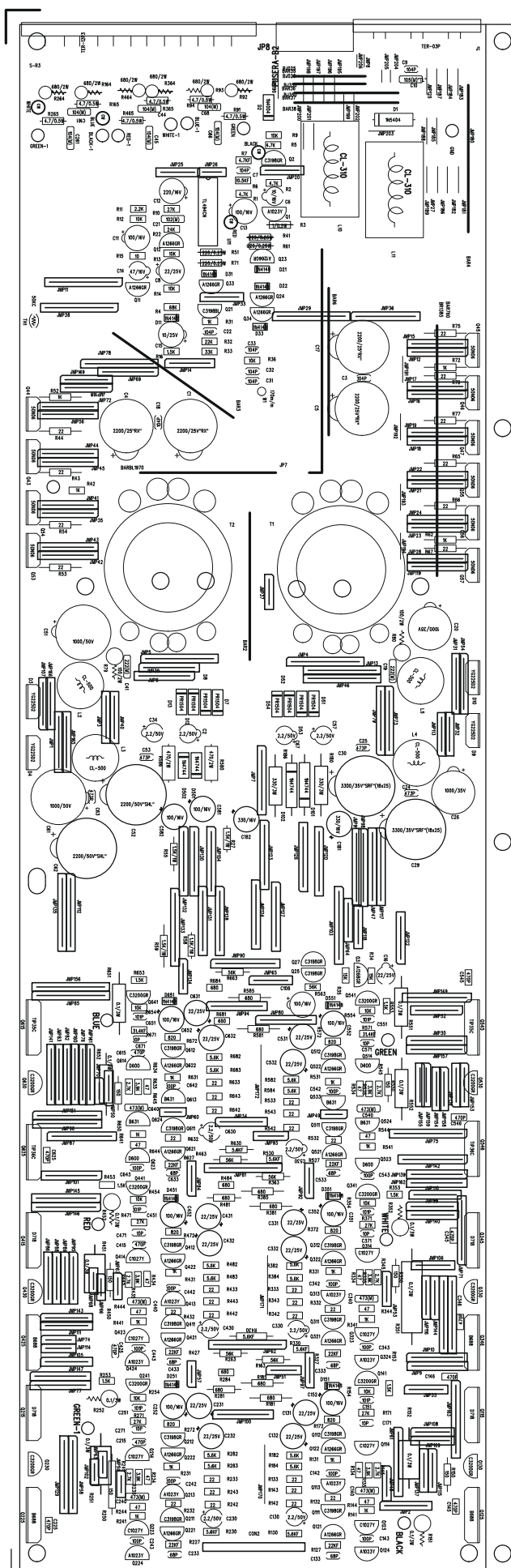
Controls and Connections

1. Low INPUT (RCA JACK TYPE)
 - Commed to line of level output from the source umt
2. Power Indicator
3. Input-sensitivity level control
4. High pass filter which can be set at any freq between 30Hz and 320Hz(adjustable)or variable
5. Low pass filter which can be set at any frequency between 30Hz and 320Hz(adjustable)or variable
6. +6db(at45Hz)Bass boost,only Sub channel
- 7.Power Connector-Connection for 12V+, GND and REM in or out.
- 8.Fuse - 32v 30A attached type
9. Output Connector - connect a wire between the output terminal on the amp and Speakers (each channels)

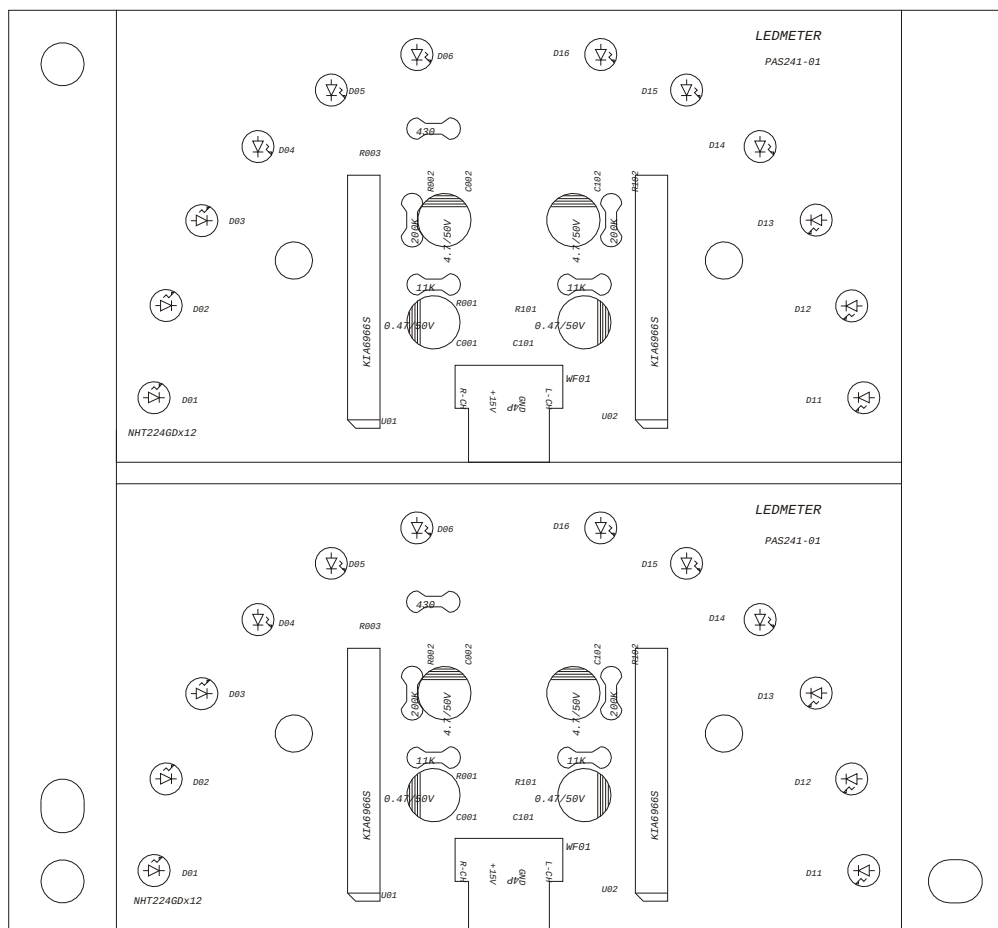
Typical System Configuration

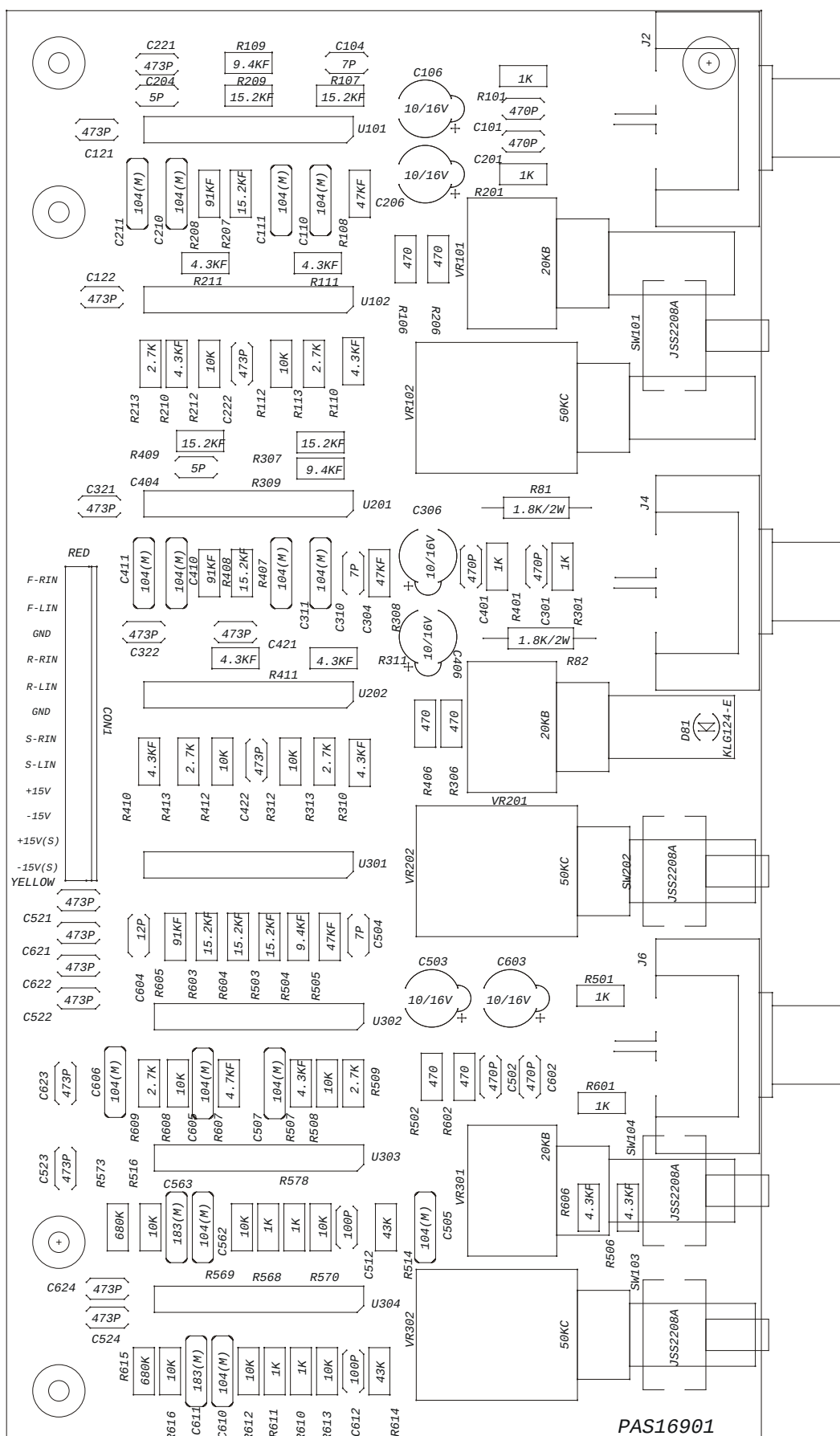


Printed Circuit Board (Top View)



Printed Circuit Board (Top View)





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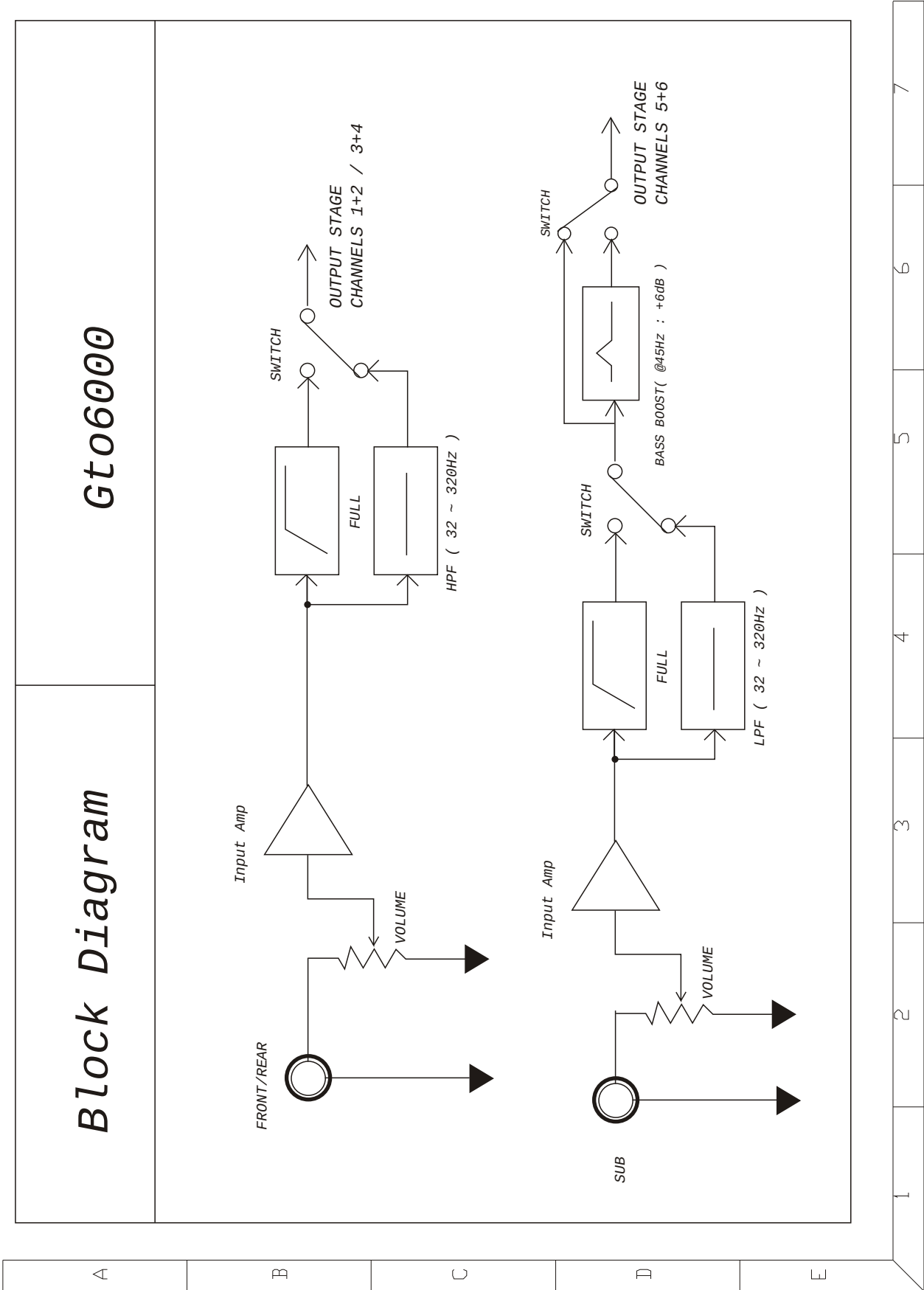
GTO6000 Parts List

REF. NO	PART NO.	DESCRIPTION	Q 'TY	REF. NO	PART NO.	DESCRIPTION	Q 'TY
R101, 201, 301, 401 R501, 568, 578, 601 R610, 611	RES-00-00633	CARBON FILE 1/5WJ 1K OHM	10	C521, 522, 523, 524 C621, 622, 623, 624 C563, 611	MYC-00-00028	MYLAR 5% 50V 0.018uF	2
R113, 213, 313, 413 R509, 609	RES-00-00644	CARBON FILE 1/5WJ 2.7K OHM	6	C110, 111, 210, 211 C310, 311, 410, 411 C505, 507, 562, 605 C606, 610	MYC-00-00183	MYLAR 5% 50V 0.1uF	14
R112, 212, 312, 412 R508, 516, 569, 570 R608, 612, 613, 616	RES-00-00608	CARBON FILE 1/5WJ 10K OHM	12	C106, 206, 306, 406 C503, 603	ELC-00-00195	ELECTROLYTIC "SMS/50V 16V	6
R514, 614 R573, 615 R81, 82	RES-00-00708 RES-00-00740 RES-00-00843	CARBON FILE 1/5WJ 43K OHM CARBON FILE 1/5WJ 680K OHM METAL FILM 2WJ 1.8K OHM	2 2 2	JUMPER			
CAPACITOR				JMP8, 26, 204, 205, 206 JMP14, 37, 48, 50, 51 JMP53, 84, 92, 93, 97 JMP111, 114, 134 JMP20, 25, 27, 32, 33 JMP55, 64, 65, 106, 108 JMP109, 113, 115, 116 JMP118, 136, 137, 144 JMP153, 154, 155, 158 JMP159, 180, 181, 182 JMP183, 184, 185, 186 JMP187, 188, 189, 190 JMP191, 192, 193, 194 JMP195, 196, 197, 198 JMP199, 200, 201, 202, 203 JMP1, 2, 3, 34, 40, 52, 74 JMP86, 88, 89, 95, 99, 105 JMP107, 110, 122, 140 JMP143, 165, 166, 168, 169 JMP6, 9, 10, 12, 15, 16 JMP17, 18, 19, 21, 22, 23 JMP24, 28, 30, 31, 35, 39 JMP41, 42, 43, 44, 45, 54 JMP56, 69, 72, 76, 77, 78 JMP82, 83, 94, 100, 101 JMP119, 139, 141, 147 JMP157, 160, 161, 162 JMP7, 36, 61, 71, 73, 79 JMP87, 90, 96, 104, 120 JMP123, 124, 126, 127 JMP128, 130, 131, 132 JMP133, 142, 145, 149 JMP151, 146 JMP4, 5, 11, 13, 29, 38 JMP46, 47, 58, 62, 75, 78 JMP81, 85, 91, 98, 103 JMP112, 117, 121, 129 JMP135, 138, 156, 163 JMP170, 171, 172 JMP49, 57, 59, 60, 66, 67 JMP68, 70, 102, 63	"0"OHM JUMPER 6m/m "0"OHM JUMPER 7.5m/m "0"OHM JUMPER 10m/m "0"OHM JUMPER 12.5m/m "0"OHM JUMPER 15m/m "0"OHM JUMPER 17.5m/m "0"OHM JUMPER 20m/m "0"OHM JUMPER 5m/m	5 13 47 22 43 25 28 10	
C171, 271, 371, 471 C571, 671	CEC-00-00077	CERAMIC DISK50V "NPO"10pF	6	BAR JUMPER			
C133, 233, 333, 433 C533, 633	CEC-00-00108	CERAMIC DISK50V "NPO"68pF	6	BAR35, 36 BAR37, 38 BAR2, 3, 4, 6 BAR760 Jp7		BAR JUMPER 25m/m BAR JUMPER 35m/m BAR JUMPER 55m/m L=81m/m, 4LEAD BR1385 COPPER 1.0t (±0.05) Ni (±0.5)	2 2 4 1 1
C142, 143, 151, 242 C243, 251, 342, 343 C351, 442, 443, 451 C542, 543, 551, 642 C643, 651	CEC-00-00073	CERAMIC DISK50V "NPO"100pF	18				
C3, 7, 9, 18, 22, 31 C32, 33	CEC-00-00076	CERAMIC DISK 50V 104pF	8				
C215, 415, 425, 615	CEC-00-00101	CERAMIC DISK 50V 470pF	4				
C24, 25, 53, 63	CEC-00-00102	CERAMIC DISK 50V 473pF	4				
C145, 146, 225, 345 C346, 545, 546, 625	CEC-00-00037	CERAMIC AXIAL TUBULAR 470pF	8				
C2, 34, 57, 67, 130, 230 C330, 430, 530, 630	ELC-00-00223	ELECTROLYTIC "SMS/50V 2uF	10				
C06	ELC-00-00195	ELECTROLYTIC "SMS/50V 16V	1				
C15	ELC-00-00203	ELECTROLYTIC "SMS/50V 25V	1				
C8, 16, 131, 132, 231 C232, 331, 332, 431 C432, 531, 532, 631, 632	ELC-00-00204	ELECTROLYTIC "SMS/50V 25V	14				
C14	ELC-00-00198	ELECTROLYTIC "SMS/50V 16V	1				
C11, 13, 108, 152, 252 C352, 452, 552, 581 C582, 652	ELC-00-00199	ELECTROLYTIC "SMS/50V 16V	11				
C12	ELC-00-00200	ELECTROLYTIC "SMS/50V 16V	1				
C21	MYC-00-00020	MYLAR 5% 50V 0.002uF	1				
C44, 45, 66, 68, 161, 261	MYC-00-00094	MYLAR 5% 50V 0.1uF	6				
C19, 41	MYC-00-00031	MYLAR 5% 50V 0.0022uF	2				
C140, 240, 340, 440 C540, 640	MYC-00-00038	MYLAR 5% 50V 0.047uF	1				
C10	MYC-00-00085	MYLAR 5% 63V "TL" 1uF	1				
C181, 182	ELC-00-00201	ELECTROLYTIC "SMS/50V 16V	2				
C20, 26	ELC-00-00209	ELECTROLYTIC "SMS/50V (13X25)	2				
C51, 61	ELC-00-00221	ELECTROLYTIC "SMS/50V (16X26)	2				
C1, 4, 5, 17	ELC-00-00092	ELECTROLYTIC "SMS/50V (16X26)	4				
C52, 62	ELC-00-00187	ELECTROLYTIC "SMS/50V (18X25)	2				
C29, 30	ELC-00-00397	ELECTROLYTIC "SMS/50V (18X25)	2				
C204, 404	CEC-00-00106	CARAMIC DISK50V "NPO"5pF	2				
C104, 304, 504	CEC-00-00109	CARAMIC DISK50V "NPO"7pF	3				
C604	CEC-00-00079	CARAMIC DISK50V "NPO"12pF	1				
C512, 612	CEC-00-00073	CARAMIC DISK50V "NPO"100pF	2				
C101, 201, 301, 401 C502, 602	CEC-00-00101	CARAMIC DISK 50V 470pF	6				
C121, 122, 221, 222	CEC-00-00102	CARAMIC DISK 50V 473pF	16				
C321, 322, 421, 422							

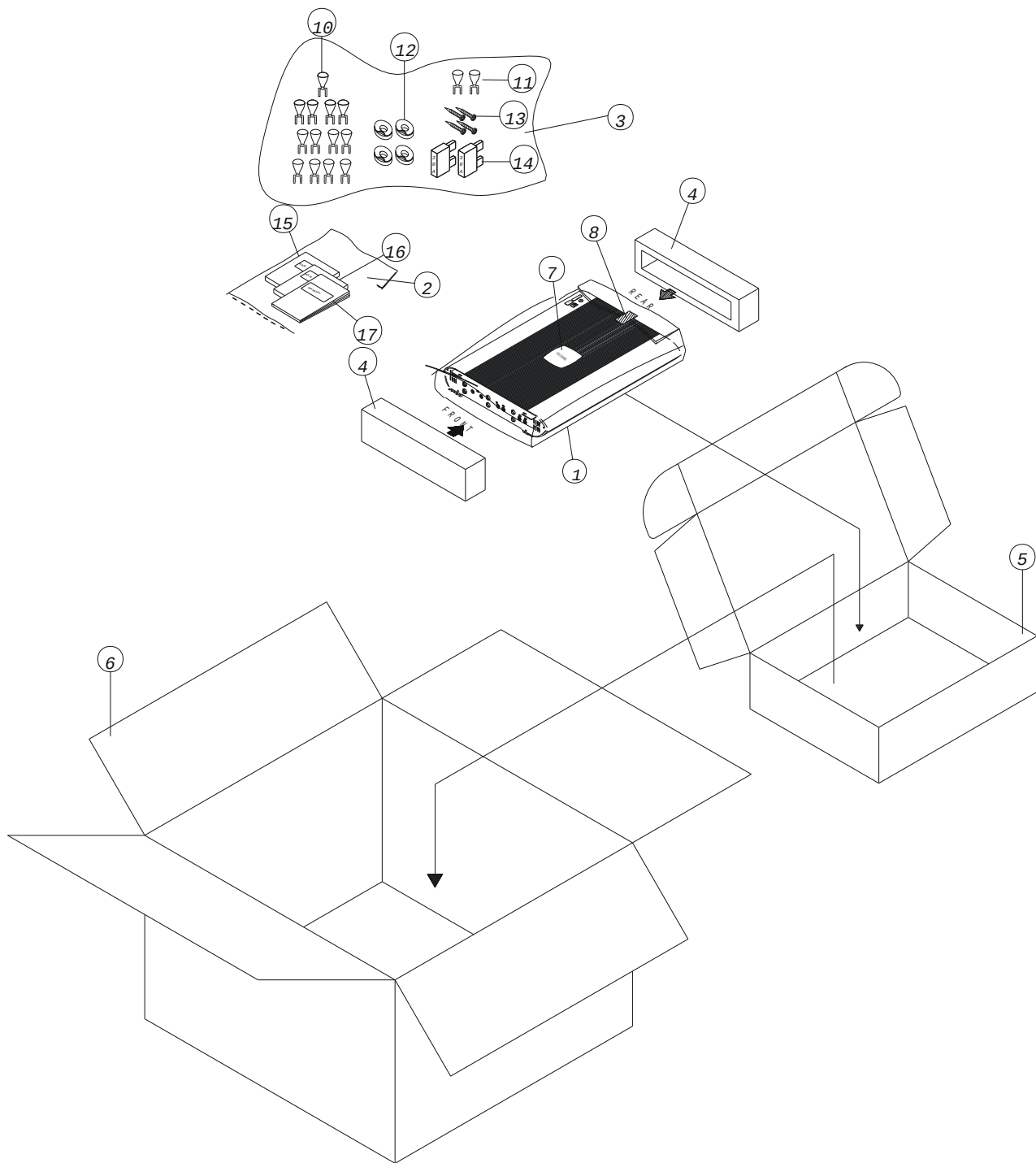
GTO6000 Parts List

REF. NO	PART NO.	DESCRIPTION	Q'TY	REF. NO	PART NO.	DESCRIPTION	Q'TY
IC				MECHANICAL			
U11	ICO-00-00022	P.W.MIC TL494CN	1	MAIN HEAT SINK	MAHSHC12310	AL/EXTRUDING L=536.0mm	1
U101, 102, 201, 202, 301	ICO-00-00112	DUAL OP AMP NJM2068LD	8	FRONT PANEL	MAFPHC73150	EGI 1.2t	1
U302, 303, 304				REAR PANEL	MARPHC73181	EGI 1.2t	1
WIRE				LED GUIDE	MALG0173193	HEATPROOF ABS(GRAY)	1
S - 6 (SUB L-CH)		1015 AWG#18 BLUE 340m/m	1	TOP COVER	MATC0473202	ACRYLIC, 3.0T(ORANGE)	1
R - 4 (REAR L-CH)		1015 AWG#18 RED 410m/m	1	TOP PLATE	MANPHC73220	PC, 1.0T(CLEAR)	2
S - 5 (SUB R-CH)/ F - 2 (FRONT L-CH)		1015 AWG#18 GREEN 450m/m	2	TR BRACKET(A)	MABR0341180	SBHG 1300.0x22.5x2.0t	1
R - 3 (REAR R-CH)		1015 AWG#18 WHITE 500m/m	1	TR BRACKET(B)	MABR0341190	SBHG 130.0x25.5x2.0t	1
F - 1 (FRONT R-CH)		1015 AWG#18 BLACK 540m/m	1	TR BRACKET(C)	MABR0341220	SBHG 170.0x22.5x2.0t	2
W01		1015 AWG#10 BLACK 240m/m	1	TR BRACKET(D)	MABR0341230	SBHG 170.0x25.5x2.0t	2
INDUCTOR				TR BRACKET(E)	MABR0341200	SBHG 150.0x22.5x2.0t	1
L10, 11		CL-310	2	TR BRACKET(F)	MABR0341210	SBHG 150.0x25.5x2.0t	1
L2, 3, 4, 5	COI-00-00034	CL-500	4	TR BRACKET CUSHION(A)	MOCU0248671	FIBER 130.0x22.0x1.0t	1
VOLUME				TR BRACKET CUSHION(B)	MOCU0248681	FIBER 170.0x22.0x1.0t	2
VR101, 201, 301		V-12CLG0266N	3	TR BRACKET CUSHION(C)	MOCU0215161	FIBER 150.0x22.0x1.0t	1
VR102, 202, 302		V-12CLG0252NA	3	RUBBER CUSHION(A)	M0CU0141330	RUBBER 10.0x20.0x1.6t	4
Th1	THS-00-00013	FTD5-350	1	RUBBER CUSHION(B)	M0CU0141670	RUBBER, PHI12xPHI5x2.0T	4
T2	COR-TF-00202	36PHI MAGNETICS ONLY 5T(0.7X10):11T(0.7X10)	1	RUBBER CUSHION(C)	MOCU0140990	RUBBER, 10.0x10.0x4t	4
T1	COR-TF-00057	36PHI MAGNETICS ONLY 7T(0.7X10):14T(0.7X10)	1	CUSHION	MOCU0384560	FELT, 18.0x6.0x0.3T	2
W1		AWG #22 BLACK 3.2PHI RING RUG 120m/m	1	VOLUME KNOB	MAKB0142090	ABS/BK	6
Jp8	HOD-00-00011	WF-9604	1	PCB SUPPORT	MASU0584342	BSBM, PHI6.0(L=4.5m/m)	4
2SET+2ASS'Y		32V30A	4	OPEN LUG(A)	MOOL0100010	2.5SQ	13
Q130, 230, 330, 430	TUB-00-00008	0.7PHI 10m/m	8	OPEN LUG(B)	MOOL0100020	5.5SQ	2
Q530, 630/TH1				SILICON PAD	MASP0219010	(SP1000)23x0.3T	650m/m
D81	TUB-00-00010	0.7PHI 8m/m	2	SWITCH DECAL	MOSD0340170	FELT, 12.0x7.0x0.3T	4
CON2		12P WIRE ASS'Y 60m/m	1	SCREW	MNSC0423006	STT2 BH 3x6 BK	10
J1		GOLD PLATED, 3P TMN0006-00	1	SCREW	MNSC0423005	STT2 BH 3x5 NI-P	1
S-R3	TER-00-00020	GOLD PLATED, 12P WT-9512	1	SCREW	MNSC0423008	STT2 BH 3x8 BK	8
SW101, 103, 104, 202	SWI-00-00022	SLIDE SWITCH JSS2208A	4	SCREW	MNSC0433008	STT2 PH 3x8 BK	1
J2, 4, 6	JAC-00-00037	GOLD PLATED DJB-562	3	SCREW	MNSC0483010	STT2 FH 3x10 BK	3
CON1	WAF-00-00012	2.5m/m 12P	1	SCREW	MNSC0423010	STT2 BH 3x10 BK	4
LED METER PART				SCREW	MNSC0034014	SMP 4x14 NI-P	14
I.C				SCREW	MNSC0524020	STT1 BH 4x20 BK	4
U01, 02	ICO-00-00146	KIA6966S	2	POLY BAG(A)	MAPB0169160	VINYL, 400.0x750.0x0.1T	1
DIODE				POLY BAG(B)	MAPB0116610	VINYL, 260.0x350.0x0.03T	1
D01, 02, 03, 04	DIO-00-00241	NHD204GD	12	POLY BAG(C)	MAPB0120970	VINYL 100.0x80.0x0.03t	1
D05, 06, 11, 12				INNER PAD	MOIN0873370	SW#1, 338.0x105.0x95.0(BOX TYPE)	2
D13, 14, 15, 16				GIFT BOX	MAGB0468950	SW#1(B *N), 670.0x343.0x110.0	1
RESISTOR				CARTON BOX	MACB0269140	DW#2, 685.0x240.0x368.0	1
R003	RES-00-00671	CARBON FILM1/5WJ 430 OHM	1	MANUAL		ART PAPER	1
R001, 101		CARBON FILM1/5WJ 11K OHM	2	WARRANTY CARD		, 0A7A0	1
R002, 102	RES-00-00647	CARBON FILM1/5WJ 200K OHM	2	SERIAL NO		ART PAPER	4A7
CAPACITOR				QC LABEL		ART PAPER	1
C002, 102	ELC-00-00293	ELECTROLTIC"SE" 4.7uF/50V2		STICKER	MDLA0784860	COLOR SHEET, 326.0x37.5	2
C001, 101	ELC-00-00112	ELECTROLTIC"SE" 0.47uF/50V2		WINDOW STICKER		JBL LOGO	1
WAFER				CE LABEL		ART PAPER	1
CONN01	WAF-00-00047	LAL0640-04P	1	SCOTCH TAPE	MOTA0118960	Æ0 20m/m	50Cm
WIRE ASS'Y				OPP TAPE	MOTA0218880	BLUE COLOR	3.2m
		4P (13m/m)	1	SILICAGEL	MOSG0147100	3g	1
				PAPER SPACER(A)	MOCU0441500	FIBER, 200.0x5.0x0.5T	1
				PAPER SPACER(B)	MOCU0441800	FIBER, 200.0x8.0x0.5T	1
				CABLE TIE		10m/m	3

Block Diagram



Packaging Exploded View



PACKING PART LIST

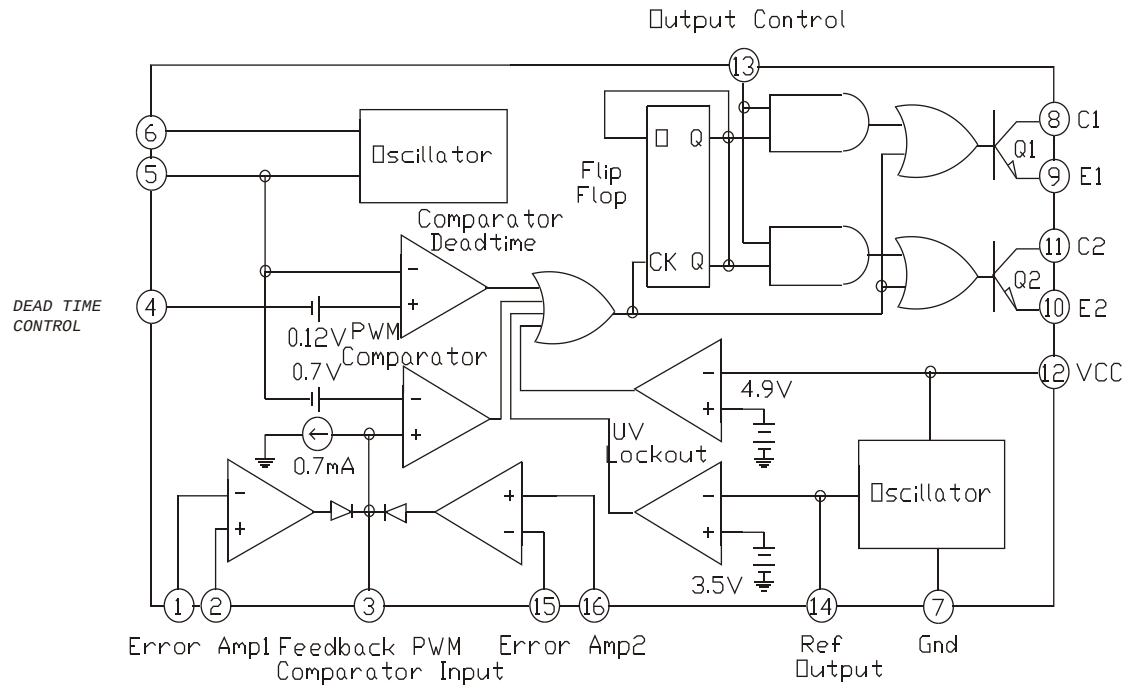
NO	PART NAME	PART NO	DESCRIPTION	Q'TY	MODEL
01	POLY BAG(A)	MA- PB- 01- 6916- 0	VINYL, 400.0x750.0x0.1t	1	GTO6000
02	POLY BAG(B)	MA- PB- 01- 1661- 0	VINYL, 260.0x350.0x0.03t	1	
03	POLY BAG(C)	MA- PB- 01- 4101- 0	VINYL, 100.0x80.0x0.03t	1	
04	INNER PAD	MO- IN- 08- 7337- 0	SW#1, 338.0x105.0x95.0	2	
05	GIFT BOX	MA- GB- 04- 6894- 0	SW#1, 670.0x343.0x110.0	1	
06	CARTON BOX	MA- CB- 02- 6914- 0	DW#2, 685.0x240.0x368.0	1	
07	SILICAGEL	MO- SG- 01- 4710- 0	3g	1	
08	SCOTC TAPE	MO- TA- 01- 1896- 0		0N	
09					

ACCESSORY PART LIST

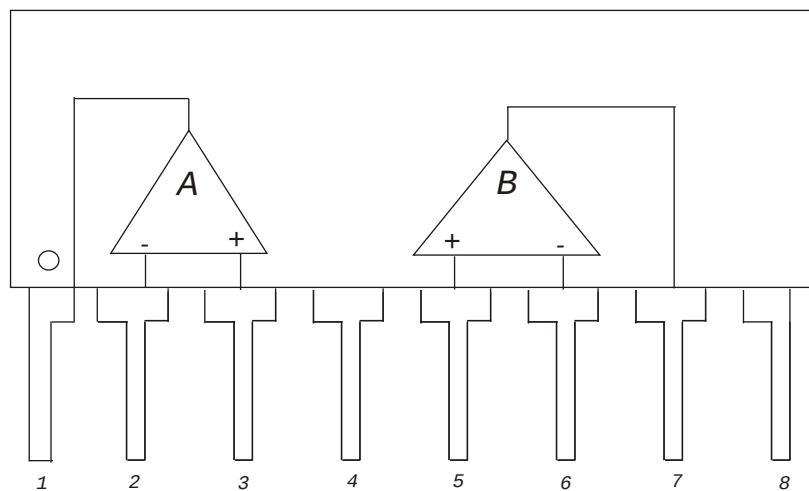
NO	PART NAME	PART NO	DESCRIPTION	Q'TY	MODEL
10	OPEN LOG(A)	MO- OL- 01- 0001- 0	2.5SQ	13	GTO6000
11	OPEN LOG(B)	MO- OL- 01- 0002- 0	5.5SQ	2	
12	RUBBER CUSHION	MO- CU- 01- 4167- 0	RUBBER,PHI12.0xPHI5.0x2.0t	4	
13	SCREW	MB- SC- 05- 2- 40- 20	STT1 BH 4x20 BK	4	
14	FUSE		30A	2	
15	WARRANTY CARD			1	
16	WINDOW STICKER			1	
17	MANUAL			1	

Integrated Circuit Diagrams

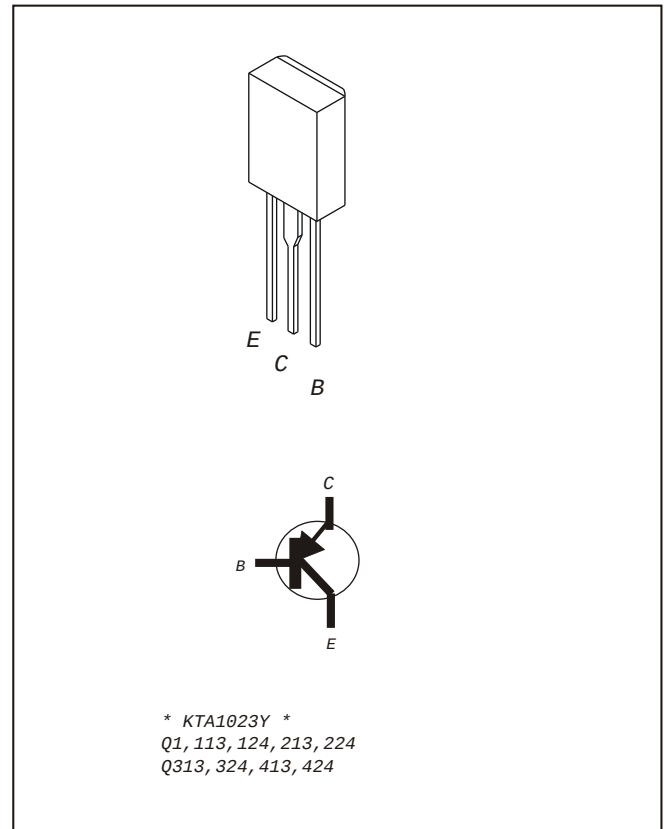
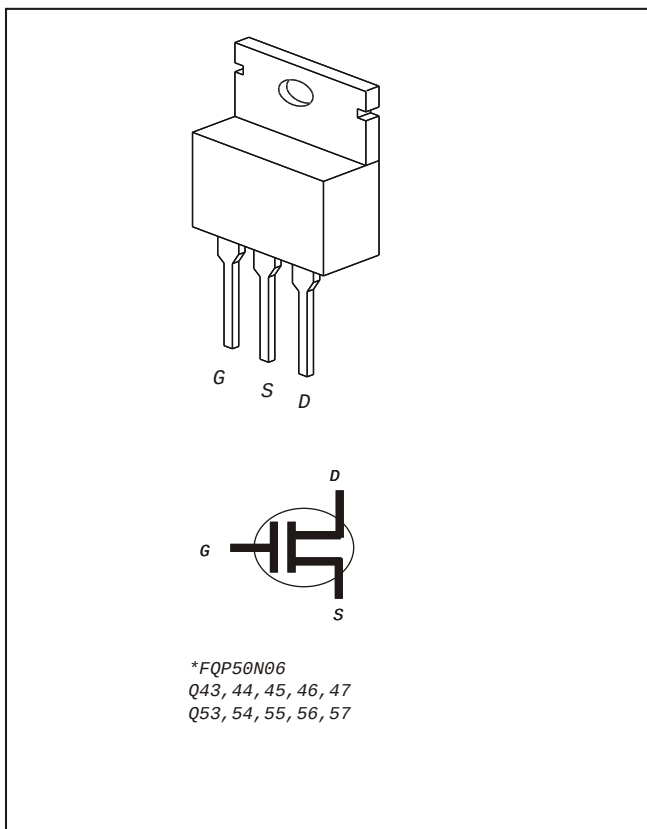
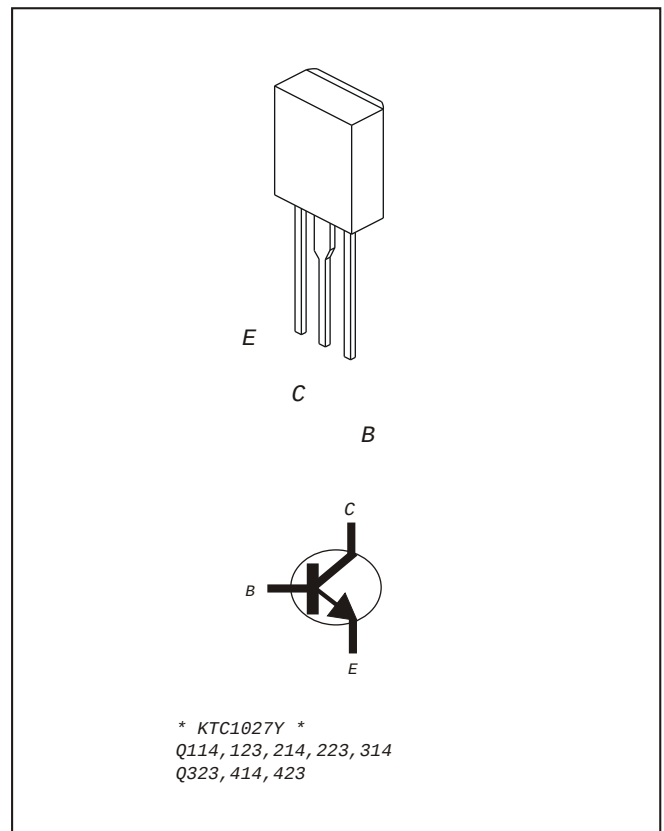
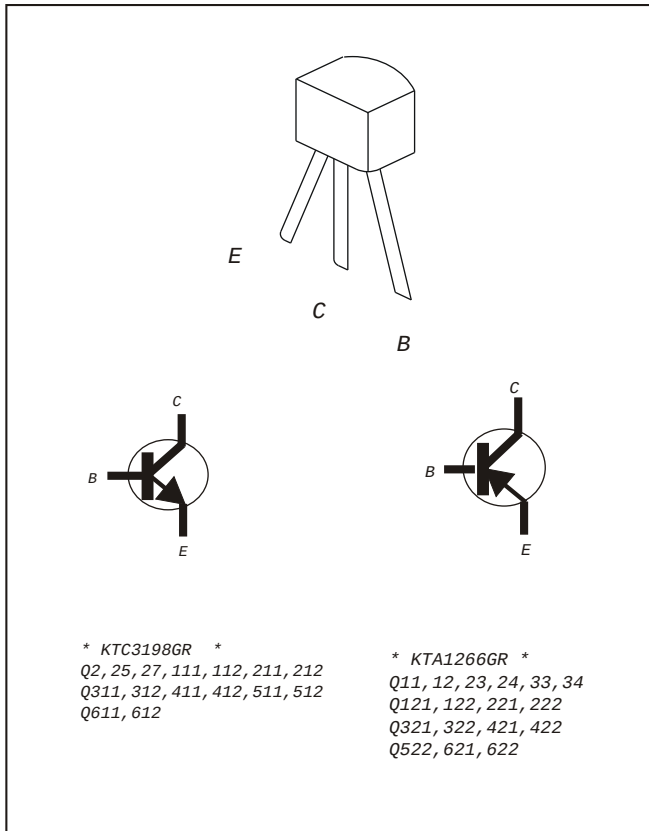
U11 (TL494CN) P.W.M IC



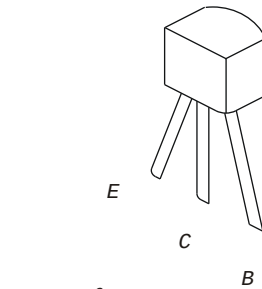
U101, 102, 201, 202, 301
 U302, 303, 304 (NJM2068D)
 - DUAL OP AMP



Transistor Diagrams

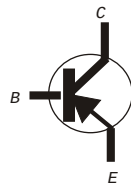


Transistor Diagrams

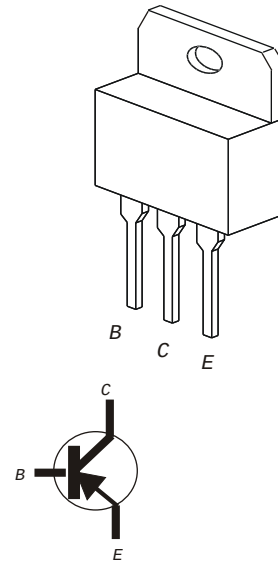


* KTC3198BL *
Q21

* KTC3200GR *
Q141, 241, 341, 441
Q541, 641, 130, 230
Q330, 440, 530, 630

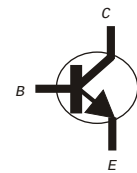


* KTA1268GR *
Q3



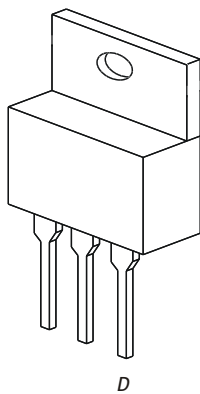
* KTB688 *
Q235, 225, 345, 425

* TIP36C *
Q546, 625

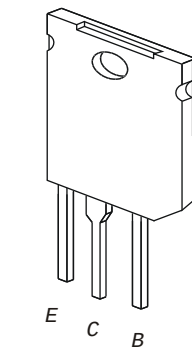


* KTD718 *
Q115, 215, 345, 415

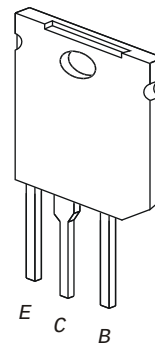
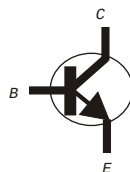
* TIP35C *
Q545, 615



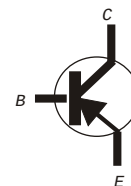
* YG225D2 *
D3, 4, 9, 10

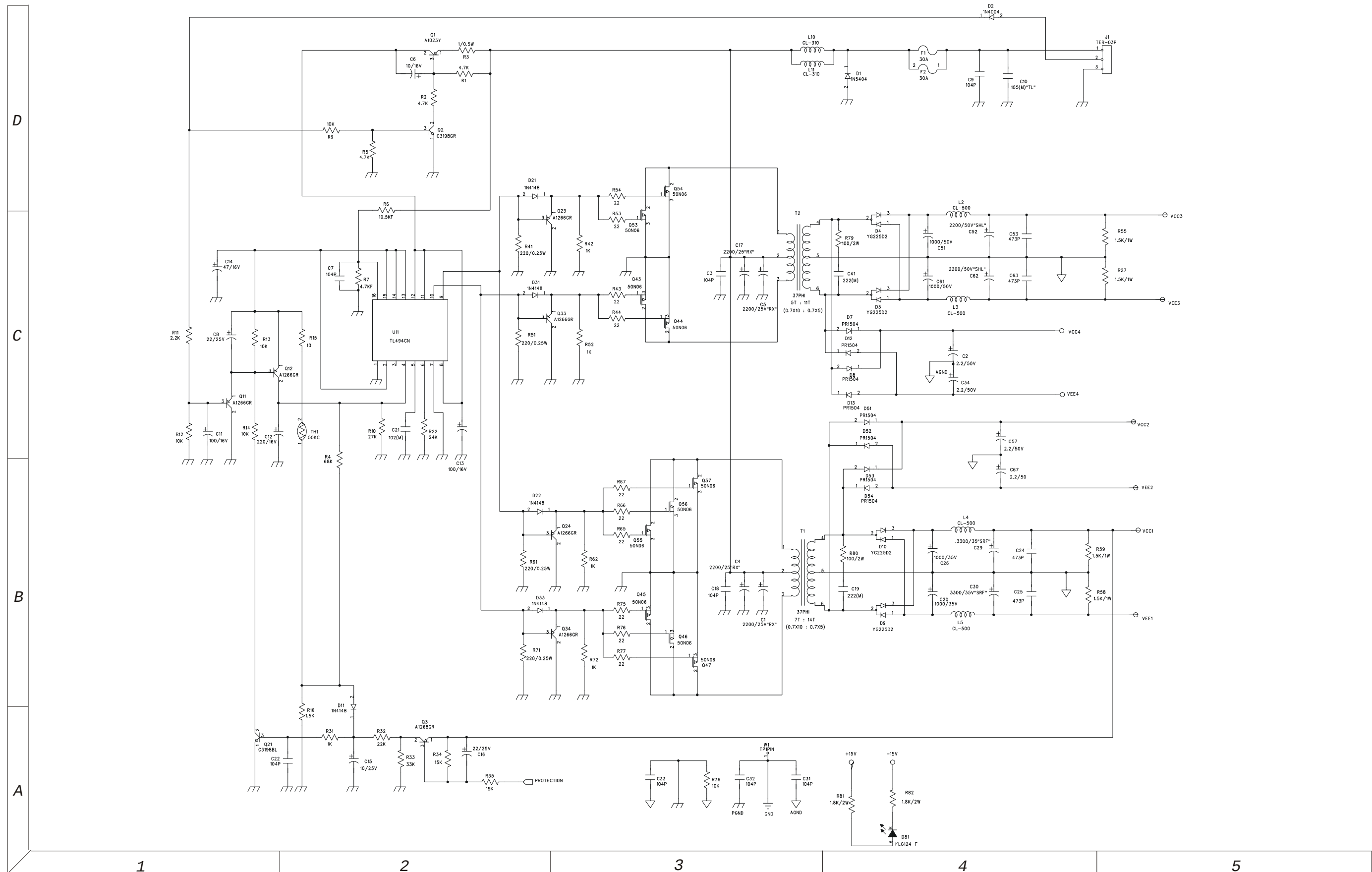


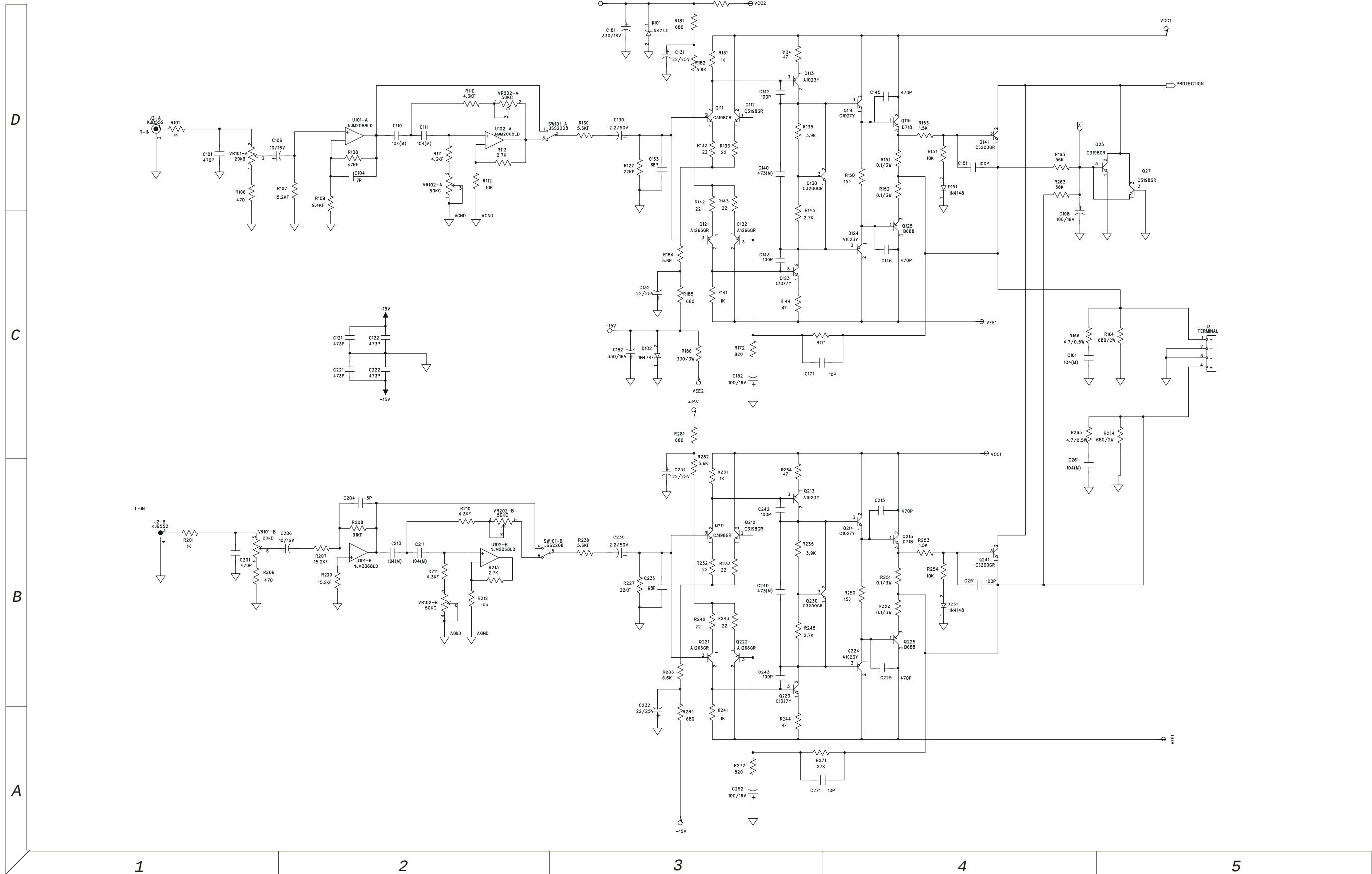
* KTD600K *
Q541, 523, 614, 623

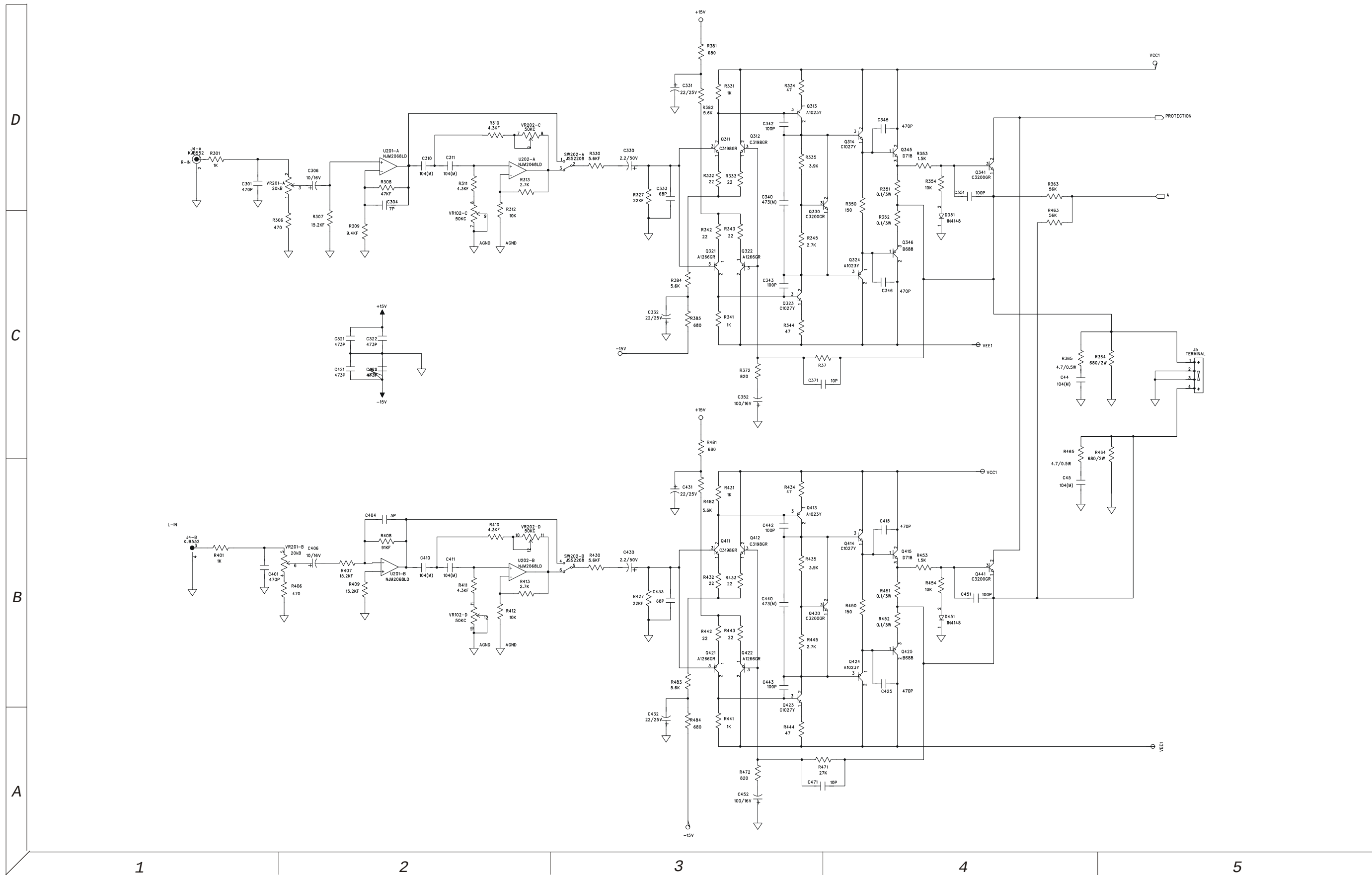


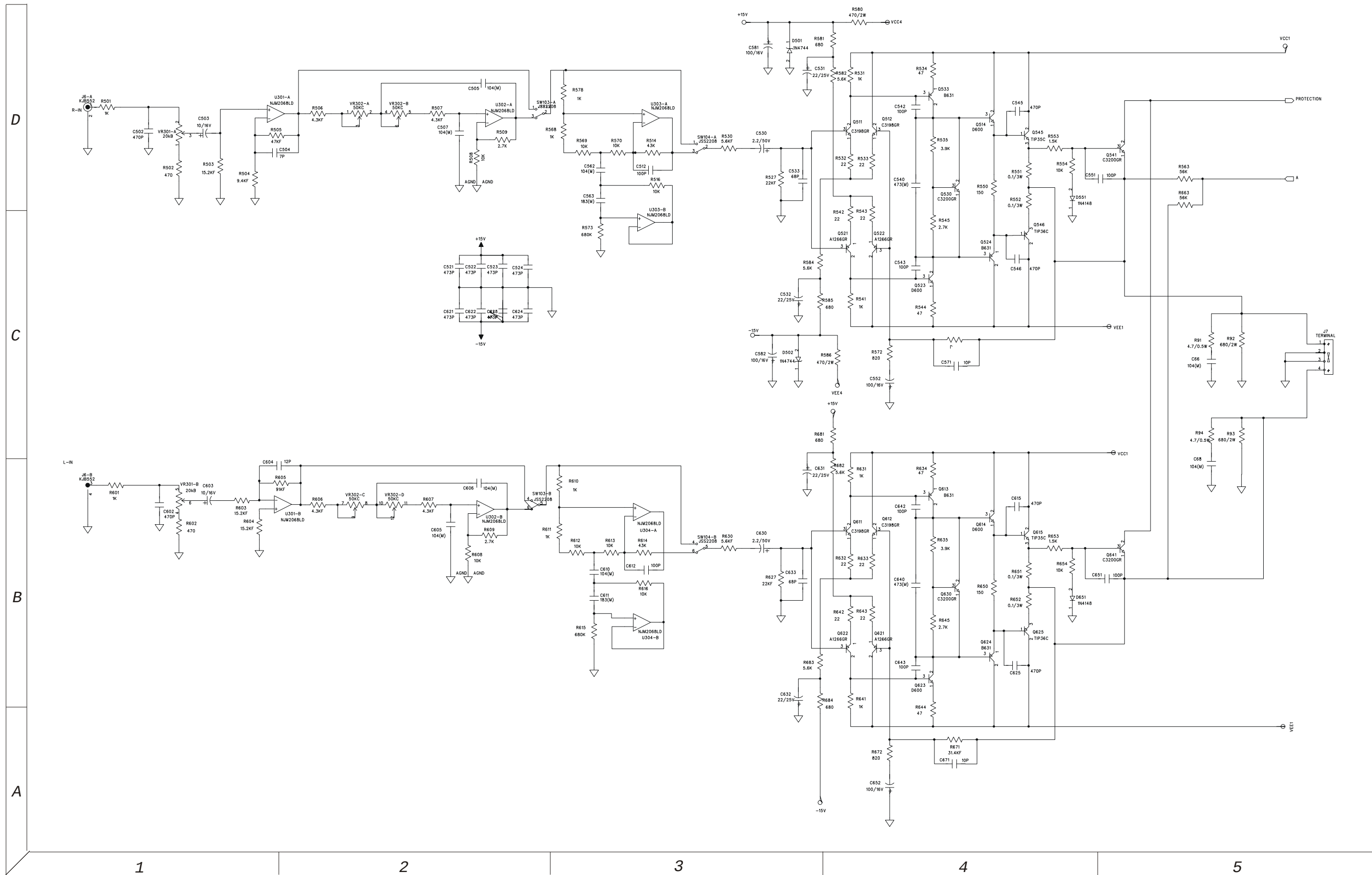
* KTB631K *
Q524, 513, 613, 624

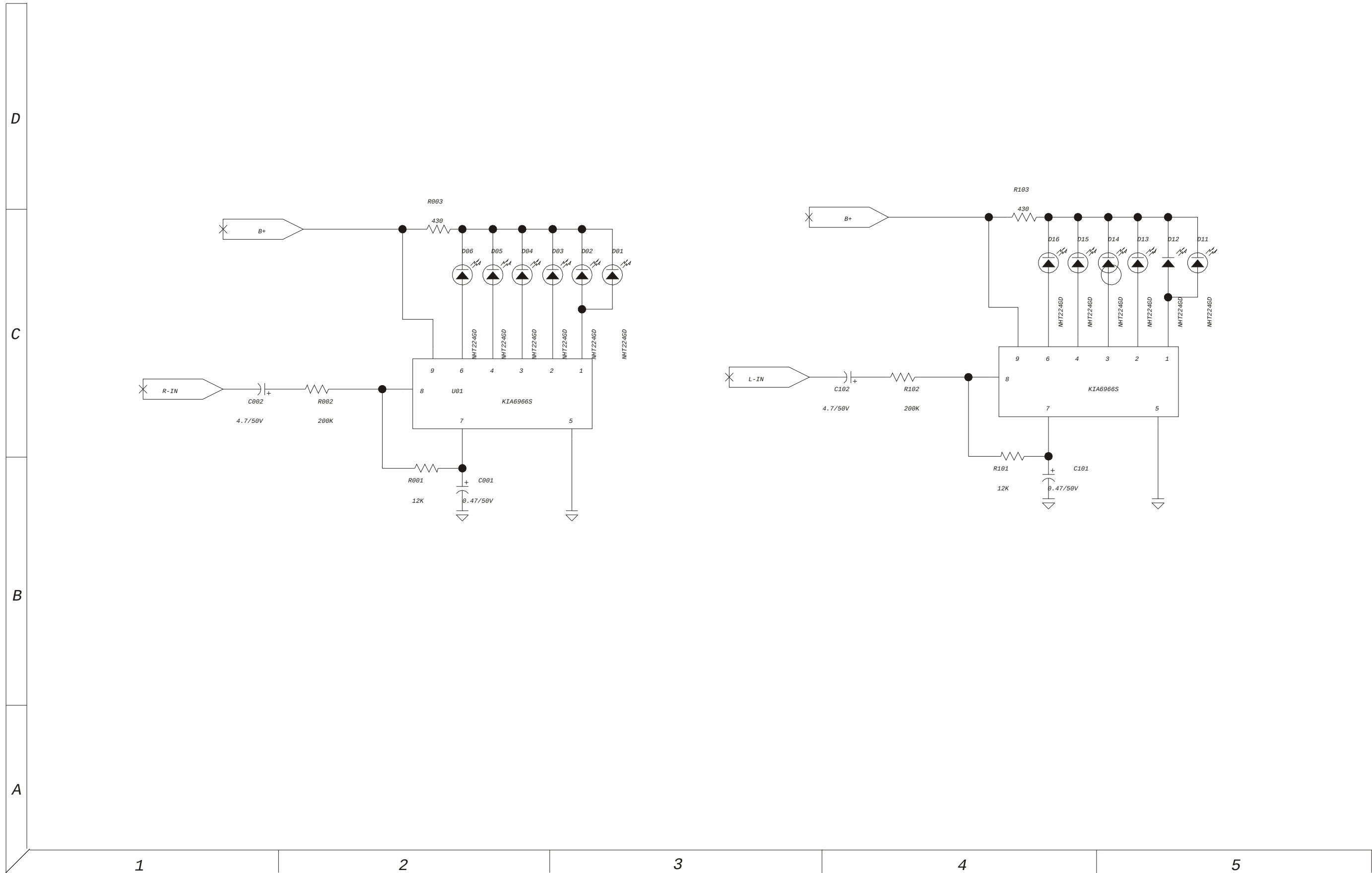


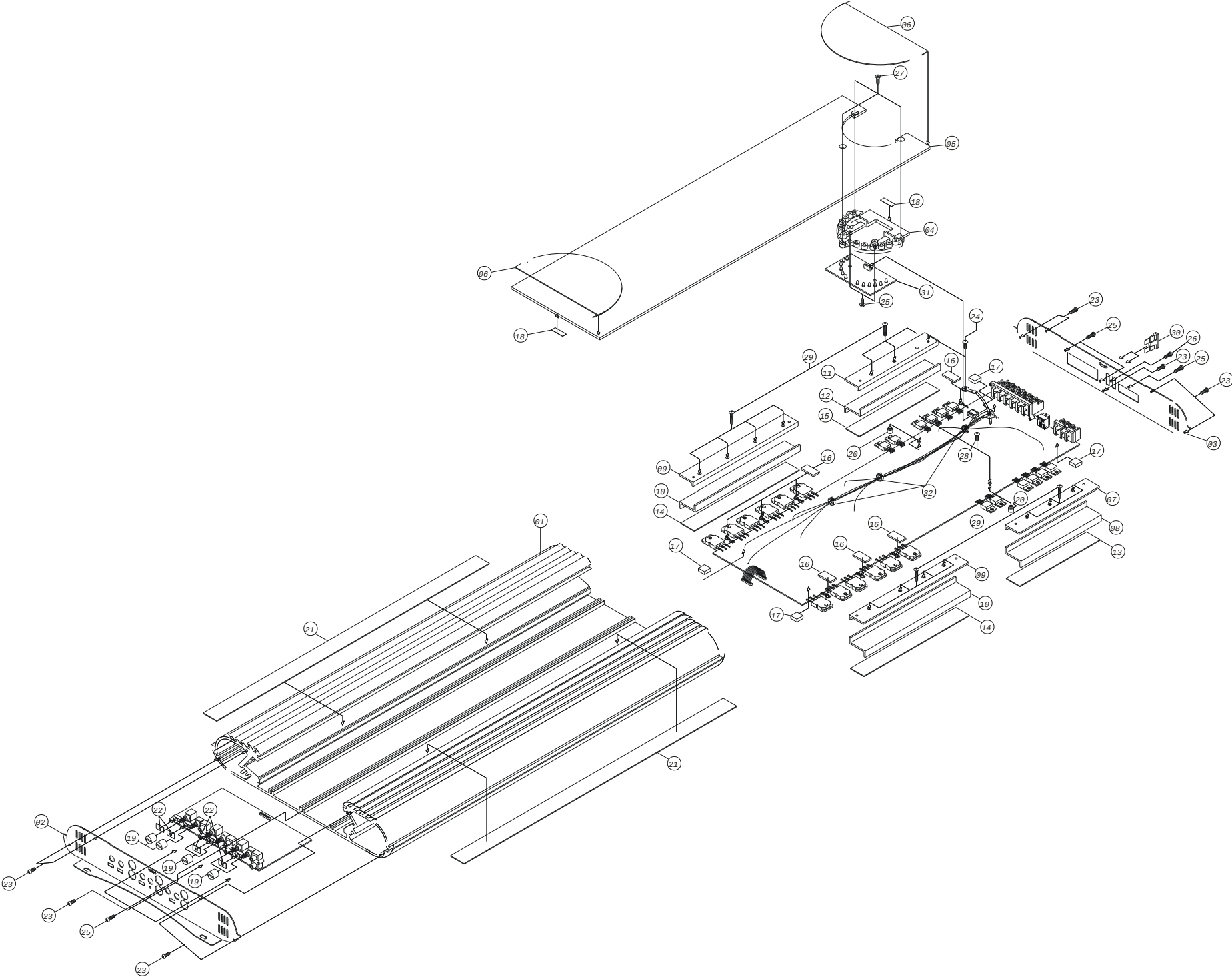












NO	PART NAME	DESCRUDING	MFR PARTS	Q'TY
01	MAIN HEAT SINK	MA-HS-HC-1231-0	AL/EXTRUDEDING, L=536.0m/m	1
02	FRONT PANEL	MA-FP-HC-7313-0	EGI 1.2t	1
03	REAR PANEL	MA-RP-HC-7316-1	EGI 1.2t	1
04	LED GUIDE	MA-LG-01-7319-3	HEATPROOF ABS(GRAY)	1
05	TOP COVER	MA-TC-04-7320-2	ACRYLIC, 3.0t (ORANGE)	1
06	TOP PLATE	MA-NP-HC-7322-0	PC, 1.0t (CLEAR)	2
07	TR BRACKET (A)	MA-BR-03-4628-0	SBHG, 130.0x22.5x2.0t	1
08	TR BRACKET (B)	MA-BR-03-4629-0	SBHG, 130.0x25.5x2.0t	1
09	TR BRACKET (C)	MA-BR-03-4116-0	SBHG, 170.0x22.5x2.0t	2
10	TR BRACKET (D)	MA-BR-03-4117-0	SBHG, 170.0x25.5x2.0t	2
11	TR BRACKET (E)	MA-BR-03-4120-0	SBHG, 150.0x22.5x2.0t	1
12	TR BRACKET (F)	MA-BR-03-4121-0	SBHG, 150.0x25.5x2.0t	1
13	TR BRK/CUSHION(A)	MO-CU-02-4127-1	FIBER, 130.0x22.0x1.0t	1
14	TR BRK/CUSHION(B)	MO-CU-02-4866-1	FIBER, 170.0x22.0x1.0t	2
15	TR BRK/CUSHION(C)	MO-CU-02-1516-1	FIBER, 150.0x22.0x1.0t	1
16	RUBBER CUSHION(A)	MO-CU-01-4133-0	RUBBER, 10.0x20.0x1.0t	7
17	RUBBER CUSHION(C)	MO-CU-01-1949-0	RUBBER, 10.0x20.0x2.0t	4
18	CUSHION	MO-CU-03-0456-0	FELT, 18.0x6.0x0.3t	2
19	VOLUME KNOB	MA-KB-01-4209-0	ABS/BK	6
20	PCB SUPPORT	MA-SU-05-0434-1	BSBM, 0	2
21	SILICON PAD	MA-SP-02-1901-0	(SP1000)23x0.3t	650mm
22	SWITCH DECAL	MO-SD-03-4017-0	FELT, 12.0x7.0x0.3t	4
23	SCREW	MB-SC-04-2-30-06	STT2 BH 3x6 BK	10
24	SCREW	MW-SC-04-2-30-05	STT2 BH 3x5 NI-P	1
25	SCREW	MB-SC-04-2-30-08	STT2 BH 3x8 BK	8
26	SCREW	MB-SC-04-3-30-08	STT1 PH 3x6 BK	1
27	SCREW	MB-SC-04-8-30-10	STT2 FH 3x10 BK	3
28	SCREW	MB-SC-04-2-30-10	STT2 BH 3x10 BK	4
29	SCREW	MW-SC-00-3-40-14	SMP 4x14 NI-P	14
30	FUSE		30A	2
31	LED PCB			1
32	CABLE TIE		10m/m	3
33				

NO	REV'S	DATE	BY	CHKD	APP'D	REMARK
01	A	2008.05.14	W	W	W	EXPLODED VIEW
02	B	2008.05.14	W	W	W	EXPLODED VIEW
03	C	2008.05.14	W	W	W	EXPLODED VIEW
04	D	2008.05.14	W	W	W	EXPLODED VIEW
05	E	2008.05.14	W	W	W	EXPLODED VIEW
06	F	2008.05.14	W	W	W	EXPLODED VIEW
07	G	2008.05.14	W	W	W	EXPLODED VIEW
08	H	2008.05.14	W	W	W	EXPLODED VIEW
09	I	2008.05.14	W	W	W	EXPLODED VIEW
10	J	2008.05.14	W	W	W	EXPLODED VIEW
11	K	2008.05.14	W	W	W	EXPLODED VIEW
12	L	2008.05.14	W	W	W	EXPLODED VIEW
13	M	2008.05.14	W	W	W	EXPLODED VIEW
14	N	2008.05.14	W	W	W	EXPLODED VIEW
15	O	2008.05.14	W	W	W	EXPLODED VIEW
16	P	2008.05.14	W	W	W	EXPLODED VIEW
17	Q	2008.05.14	W	W	W	EXPLODED VIEW
18	R	2008.05.14	W	W	W	EXPLODED VIEW
19	S	2008.05.14	W	W	W	EXPLODED VIEW
20	T	2008.05.14	W	W	W	EXPLODED VIEW
21	U	2008.05.14	W	W	W	EXPLODED VIEW
22	V	2008.05.14	W	W	W	EXPLODED VIEW
23	W	2008.05.14	W	W	W	EXPLODED VIEW
24	X	2008.05.14	W	W	W	EXPLODED VIEW
25	Y	2008.05.14	W	W	W	EXPLODED VIEW
26	Z	2008.05.14	W	W	W	EXPLODED VIEW
27	AA	2008.05.14	W	W	W	EXPLODED VIEW
28	AB	2008.05.14	W	W	W	EXPLODED VIEW
29	AC	2008.05.14	W	W	W	EXPLODED VIEW
30	AD	2008.05.14	W	W	W	EXPLODED VIEW
31	AE	2008.05.14	W	W	W	EXPLODED VIEW
32	AF	2008.05.14	W	W	W	EXPLODED VIEW
33	AG	2008.05.14	W	W	W	EXPLODED VIEW