



# ***SERVICE MANUAL***

TYPE: YS1031

## ***éXcursion 2000***

**WEB ACCESS:** <http://www.yorkville.com>

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**Quality and Innovation Since 1963**  
Printed in Canada



# IMPORTANT SAFETY INSTRUCTIONS



This lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

Ce symbole d'éclair avec tête de flèche dans un triangle équilatéral est prévu pour alerter l'utilisateur de la présence d'un « voltage dangereux » non-isolé à proximité de l'enceinte du produit qui pourrait être d'ampleur suffisante pour présenter un risque de choc électrique.



## CAUTION AVIS

**RISK OF ELECTRIC SHOCK  
DO NOT OPEN**

**RISQUE DE CHOC ELECTRIQUE  
NE PAS OUVRIR**



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Le point d'exclamation à l'intérieur d'un triangle équilatéral est prévu pour alerter l'utilisateur de la présence d'instructions importantes dans la littérature accompagnant l'appareil en ce qui concerne l'opération et la maintenance de cet appareil.

### FOLLOW ALL INSTRUCTIONS

**Instructions pertaining to a risk of fire,  
electric shock, or injury to a person**

**CAUTION: TO REDUCE THE RISK OF ELECTRIC  
SHOCK, DO NOT REMOVE COVER (OR BACK).**

**NO USER SERVICEABLE PARTS INSIDE.**

**REFER SERVICING TO QUALIFIED  
SERVICE PERSONNEL.**

### SUIVEZ TOUTES LES INSTRUCTIONS

**Instructions relatives au risque de feu,  
choc électrique, ou blessures aux personnes**

**AVIS: AFIN DE REDUIRE LES RISQUE DE CHOC  
ELECTRIQUE, N'ENLEVEZ PAS LE COUVERT (OU LE  
PANNEAU ARRIERE) NE CONTIENT AUCUNE PIECE**

**REPARABLE PAR L'UTILISATEUR.**

**CONSULTEZ UN TECHNICIEN QUALIFIE  
POUR L'ENTRETIEN**

**Read Instructions:** The Owner's Manual should be read and understood before operation of your unit. Please, save these instructions for future reference and heed all warnings.

Clean only with dry cloth.

**Packaging:** Keep the box and packaging materials, in case the unit needs to be returned for service.

**Warning:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. *Do not use this apparatus near water!*

**Warning:** When using electric products, basic precautions should always be followed, including the following:

#### Power Sources

Your unit should be connected to a power source only of the voltage specified in the owners manual or as marked on the unit. This unit has a polarized plug. Do not use with an extension cord or receptacle unless the plug can be fully inserted. Precautions should be taken so that the grounding scheme on the unit is not defeated. An apparatus with CLASS I construction shall be connected to a Mains socket outlet with a protective earthing ground. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

#### Hazards

Do not place this product on an unstable cart, stand, tripod, bracket or table. The product may fall, causing serious personal injury and serious damage to the product. Use only with cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the product. Follow the manufacturer's instructions when installing the product and use mounting accessories recommended by the manufacturer. Only use attachments/accessories specified by the manufacturer

Note: Prolonged use of headphones at a high volume may cause health damage on your ears.

The apparatus should not be exposed to dripping or splashing water; no objects filled with liquids should be placed on the apparatus.

Terminals marked with the "lightning bolt" are hazardous live; the external wiring connected to these terminals require installation by an instructed person or the use of ready made leads or cords.

Ensure that proper ventilation is provided around the appliance. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

No naked flame sources, such as lighted candles, should be placed on the apparatus.

#### Power Cord

Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. The AC supply cord should be routed so that it is unlikely that it will be damaged. Protect the power cord from being walked on or pinched particularly at plugs. If the AC supply cord is damaged DO NOT OPERATE THE UNIT. To completely disconnect this apparatus from the AC Mains, disconnect the power supply cord plug from the AC receptacle. The mains plug of the power supply cord shall remain readily operable.

Unplug this apparatus during lightning storms or when unused for long periods of time.

#### Service

The unit should be serviced only by qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

**Veillez Lire le Manuel:** Il contient des informations qui devraient être comprises avant l'opération de votre appareil. Conservez. Gardez S.V.P. ces instructions pour consultations ultérieures et observez tous les avertissements.

Nettoyez seulement avec le tissu sec.

**Emballage:** Conservez la boîte au cas où l'appareil devait être retourner pour réparation.

**Avertissement:** Pour réduire le risque de feu ou la décharge électrique, n'exposez pas cet appareil à la pluie ou à l'humidité. *N'utilisez pas cet appareil près de l'eau!*

**Attention:** Lors de l'utilisation de produits électrique, assurez-vous d'adhérer à des précautions de bases incluant celle qui suivent:

#### Alimentation

L'appareil ne doit être branché qu'à une source d'alimentation correspondant au voltage spécifié dans le manuel ou tel qu'indiqué sur l'appareil. Cet appareil est équipé d'une prise d'alimentation polarisée. Ne pas utiliser cet appareil avec un cordon de raccordement à moins qu'il soit possible d'insérer complètement les trois lames. Des précautions doivent être prises afin d'éviter que le système de mise à la terre de l'appareil ne soit désengagé. Un appareil construit selon les normes de CLASS I devrait être raccordé à une prise murale d'alimentation avec connexion intacte de mise à la masse. Lorsqu'une prise de branchement ou un coupleur d'appareils est utilisée comme dispositif de débranchement, ce dispositif de débranchement devra demeurer pleinement fonctionnel avec raccordement à la masse.

#### Risque

Ne pas placer cet appareil sur un chariot, un support, un trépied ou une table instables. L'appareil pourrait tomber et blesser quelqu'un ou subir des dommages importants. Utiliser seulement un chariot, un support, un trépied ou une table recommandés par le fabricant ou vendus avec le produit. Suivre les instructions du fabricant pour installer l'appareil et utiliser les accessoires recommandés par le fabricant. Utilisez seulement les attachments/accessoires indiqués par le fabricant

Note: L'utilisation prolongée des écouteurs à un volume élevé peut avoir des conséquences néfastes sur la santé sur vos oreilles. .

Il convient de ne pas placer sur l'appareil de sources de flammes nues, telles que des bougies allumées.

L'appareil ne doit pas être exposé à des égouttements d'eau ou des éclaboussures et qu'aucun objet rempli de liquide tel que des vases ne doit être placé sur l'appareil.

Assurez que l'appareil est fourni de la propre ventilation. Ne procédez pas à l'installation près de source de chaleur tels que radiateurs, registre de chaleur, fous ou autres appareils (incluant les amplificateurs) qui produisent de la chaleur.

Les dispositifs marqués d'une symbole "d'éclair" sont des parties dangereuses au toucher et que les câblages extérieurs connectés à ces dispositifs de connexion extérieure doivent être effectués par un opérateur formé ou en utilisant des cordons déjà préparés.

#### Cordon d'Alimentation

Ne pas enlever le dispositif de sécurité sur la prise polarisée ou la prise avec tige de mise à la masse du cordon d'alimentation. Une prise polarisée dispose de deux lames dont une plus large que l'autre. Une prise avec tige de mise à la masse dispose de deux lames en plus d'une troisième tige qui connecte à la masse. La lame plus large ou la tige de mise à la masse est prévu pour votre sécurité. La prise murale est désuète si elle n'est pas conçue pour accepter ce type de prise avec dispositif de sécurité. Dans ce cas, contactez un électricien pour faire remplacer la prise murale. Évitez d'endommager le cordon d'alimentation. Protégez le cordon d'alimentation. Assurez-vous qu'on ne marche pas dessus et qu'on ne le pince pas en particulier aux prises. **N'UTILISEZ PAS L'APPAREIL** si le cordon d'alimentation est endommagé. Pour débrancher complètement cet appareil de l'alimentation CA principale, déconnectez le cordon d'alimentation de la prise d'alimentation murale. Le cordon d'alimentation du bloc d'alimentation de l'appareil doit demeurer pleinement fonctionnel.

Débranchez cet appareil durant les orages ou si inutilisé pendant de longues périodes.

#### Service

Consultez un technicien qualifié pour l'entretien de votre appareil. L'entretien est nécessaire quand l'appareil a été endommagé de quelque façon que se soit. Par exemple si le cordon d'alimentation ou la prise du cordon sont endommagés, si il y a eu du liquide qui a été renversé à l'intérieur ou des objets sont tombés dans l'appareil, si l'appareil a été exposé à la pluie ou à l'humidité, si il ne fonctionne pas normalement, ou a été échappé.

**élite**  
Yorkville

# éXcursion 2000

POWERED LOUDSPEAKER SYSTEM

**LEFT LEVEL**

STEREO  CLIP ●

MONO  LIMIT ●

-00 dB +12

**RIGHT LEVEL**

-00 dB +12

**SUBWOOFER LEVEL**

SUB CLIP ●

SUB LIMIT ●

-00 dB +12

**CAUTION AVIS**

RISK OF ELECTRIC SHOCK  
DO NOT OPEN  
RISQUE DE CHOC ELECTRIQUE  
NE PAS OUVRIR

NOTE: COOLING FAN DOES NOT OPERATE UNTIL THE AMPLIFIER REACHES FULL OPERATING TEMPERATURE

**LEFT INPUTS**

**BAL**

**RIGHT**

**PARALLEL INPUTS**

**LEFT**

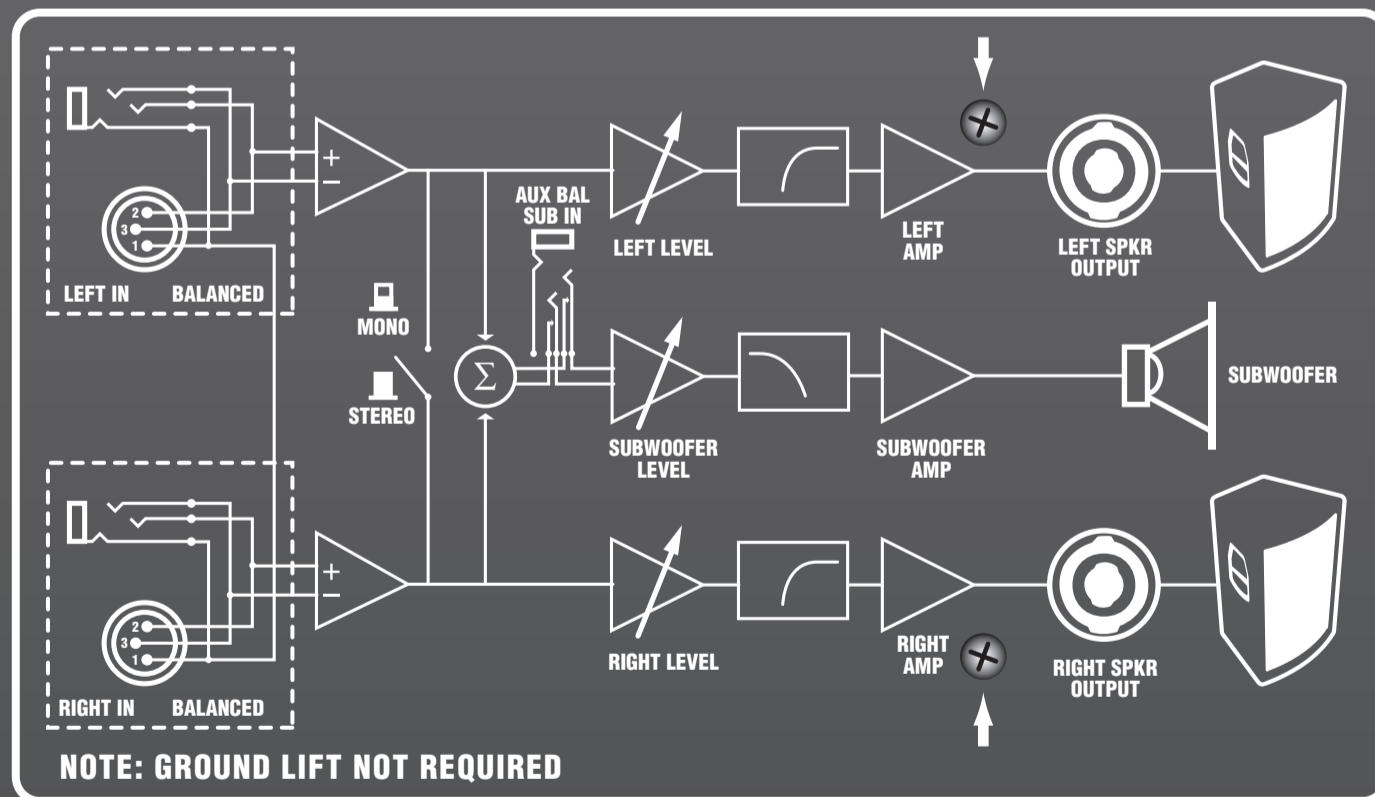
**PARALLEL INPUTS**

**RIGHT**

**AUX BAL SUBWOOFER IN**

**BAL**

ATTENTION: QUALIFIED TECHNICIANS ONLY!!  
TO ACCESS INTERNAL ELECTRONICS  
(AFTER REMOVING CHASSIS FROM CABINET)  
REMOVE SEVEN SCREWS LABELED WITH ARROWS



**LEFT SPEAKER OUTPUT**

+ (+1 PIN)

- (-1 PIN)

**RIGHT SPEAKER OUTPUT**

+ (+1 PIN)

- (-1 PIN)

DOUBLE INSULATED, U-GND REQUIRED FOR PERFORMANCE, NOT SAFETY.

**POWER**

PUSH TO RESET

OFF ON

MODEL TYPE: YS1031 A-2640 / 1.4

230V ~ 50Hz 3.5A

120VAC 60Hz 7.0A

Yorkville

DESIGNED & MANUFACTURED BY  
YORKVILLE SOUND • TORONTO, CANADA

## Specifications

<b>System Type</b>	Self Contained Loudspeaker System
<b>Active or Passive</b>	Active
<b>Program Power (Watts)</b>	2x 225 / 1200
<b>Sensitivity (dB @1Watt/1m)</b>	95 / 99
<b>Max SPL (dB)</b>	119 / 128
<b>Frequency Response (Hz +/- 3db)</b>	100-18k / 42-100
<b>Crossover Frequency (Hz)</b>	2200
<b>Driver Configuration</b>	2 1x12 inch / 1 1x18 inch
<b>HF Driver(s)</b>	1 inch Mylar
<b>HF Impedance (Ohms)</b>	4
<b>HF Horn</b>	ABS Plastic Custom Waveguide
<b>HF Dispersion (°H x °V)</b>	90 x 30
<b>HF Protection</b>	CTL
<b>MF Driver(s)</b>	12 inch (2 inch voicecoil)
<b>MF Program Power (Watts)</b>	225
<b>LF Driver(s)</b>	18 inch (4 inch voicecoil)
<b>LF Program Power(Watts)</b>	1200
<b>LF Protection</b>	Excursion / Clipping / Thermal
<b>HF Power Amplifier (Watts)</b>	2 x 225
<b>LF Power Amplifier (Watts)</b>	1200
<b>Inputs - 1/4" Jacks</b>	2
<b>Inputs - XLR</b>	2
<b>Mixer Controls</b>	Subwoofer level control / Left and Right satellite level controls
<b>LED Indicators</b>	Clipping
<b>Feet</b>	Yes
<b>Wheels</b>	Dolly Board
<b>Bar Handles</b>	Yes
<b>Pole Mount Adapter (1 3/8"-3.5cm)</b>	Yes
<b>Enclosure Materials</b>	15mm 11-ply birch
<b>Grille</b>	Curved Perforated Metal Grille
<b>Covering / Finish</b>	Black Ozite carpet
<b>Optional Covering / Finishes</b>	Black Hard Painted Finish (EX2B)
<b>Other Details</b>	Dimensions (WxHxD in/cm):

Satellite Speakers -  
22.25x14.25x10.75 / 56.5x36.25x27.3  
33lbs / 14.9kgs

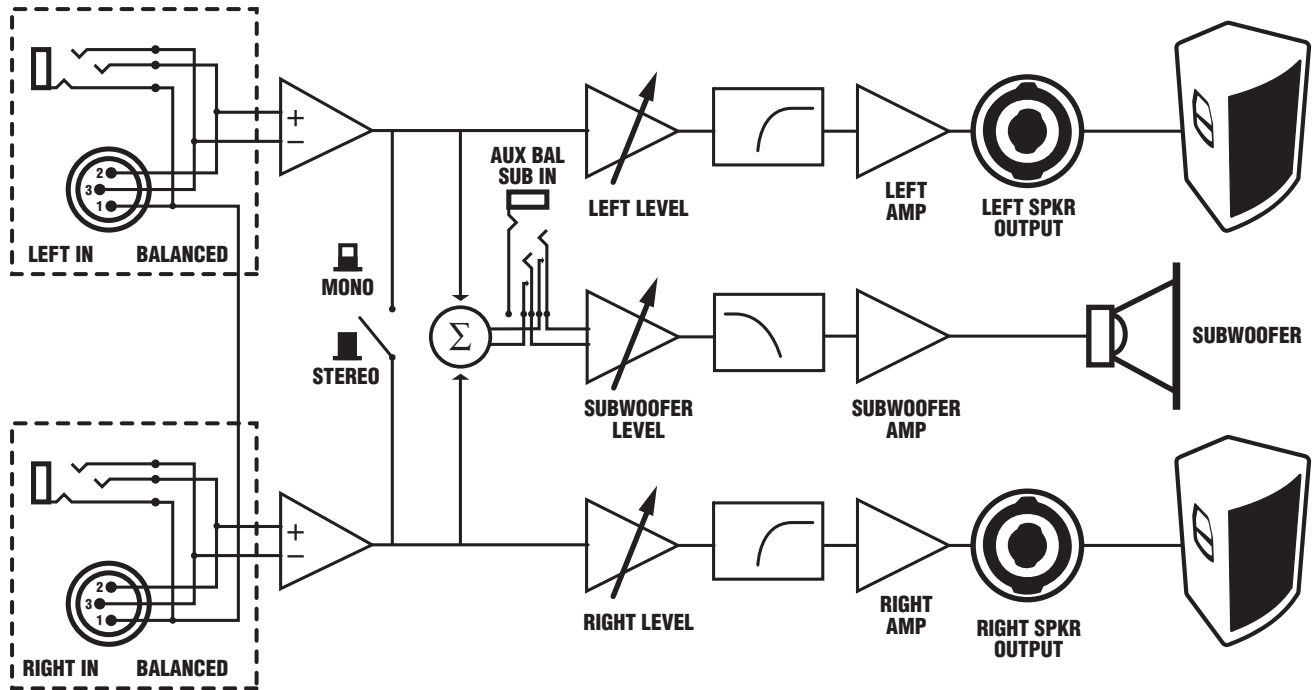
Subwoofer -  
29.5x22x18.25 / 75x55.8x46.3  
112lbs / 51kgs

Caster Kit (with wheels) -  
21.5x27.5x3.5 / 54.6x70x9



EX2 Parts List 8/21/2015

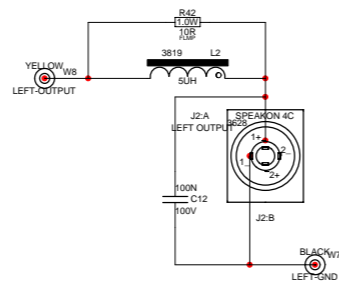
YS #	Description	Qty.	YS #	Description	Qty.	YS #	Description	Qty.	YS #	Description	Qty.	YS #	Description	Qty.	YS #	Description	Qty.
2008	1W00 10R 5%FLAME PROOF T&R RES	4	4717	W250 6K19 1%MINI T&R RES	4	4996	W250 1K070 0.1% *** T&R RES	6	6118	W250 22K 5%MINI T&R RES	4	8780	5/16-18X3 3/4 CARRIAGE BOLT FT BLA	1			
2009	W250 10R 2%FLAME PROOF T&R RES	2	4740	10W0 27R 5% BLK RES	2	4998	5W00 1K2 5% BLK RES	4	6120	W250 100K 5%MINI T&R RES	2	8781	#10X7/8 FLAT QUAD TYPE A JS50	2			
2010	W167 10R0 2%FLAME PROOF T&R RES	4	4748	2W00 3R9 5% T&R RES	1	5006	1W00 2K7 5% T&R RES	6	6120	W250 100K 5%MINI T&R RES	3	8783	10-32X1 PAN QUAD TT JS500 BLA	22			
2014	W167 33R 2%FLAME PROOF T&R RES	2	4748	2W00 3R9 5% T&R RES	6	5015	W250 470R 0.1% *** T&R RES	8	6122	W250 33K 5%MINI T&R RES	1	8785	#8X3/4 OVAL PH TYPE A BLACK	12			
2017	W250 47R5 1%FLAME PROOF T&R RES	2	4751	1/4W 22M 5% T&R RES	2	5017	2W00 910R 5% T&R RES	1	6122	W250 33K 5%MINI T&R RES	2	8786	10-32X1X1/4 PAN QD MS JS500 BLAC	8			
2024	W167 249R 2%FLAME PROOF T&R RES	8	4751	1/4W 22M 5% T&R RES	2	5105	MPSA13 T092 NPN DARL T&R TA	2	6122	W250 33K 5%MINI T&R RES	6	8786	10-32X1X1/4 PAN QD MS JS500 BLAC	8			
2025	W167 274R 1%FLAME PROOF T&R RES	4	4762	W250 9K760 0.1% *** T&R RES	2	5105	MPSA13 T092 NPN DARL T&R TA	2	6123	W250 20K0 1%MINI MF T&R RES	1	8787	8-32 KEPS NUT ZINC	2			
2038	W250 11R FUSIBLE T&R RES	4	4768	5W00 12K 5% BLK RES	2	5105	MPSA13 T092 NPN DARL T&R TA	2	6123	W250 20K0 1%MINI MF T&R RES	2	8787	8-32 KEPS NUT ZINC	2			
2414	8.0 AMP SLO-BLO 25X1.25 FUSE	4	4769	W250 1K4 1% T&R RES	1	5105	MPSA13 T092 NPN DARL T&R TA	2	6123	W250 20K0 1%MINI MF T&R RES	2	8787	8-32 KEPS NUT ZINC	12			
2438	12.0 AMP SLO-BLO 25X1.25 FUSE	2	4769	W250 1K4 1% T&R RES	3	5108	2N5401 T092 PNP TRAN T&R TA	2	6125	W250 18K 5%MINI T&R RES	1	8796	6-32X5/8 PAN PH TAPITITE ZINC	7			
3005	1800UH COIL 18AWG R280 IRN CORE	2	4775	W250 14K0 1% T&R RES	1	5108	2N5401 T092 PNP TRAN T&R TA	5	6127	W250 470K 5%MINI T&R RES	2	8797	5/16-18 KEPS NUT	1			
3414	INTERNATIONAL PC MOUNT FUSEHOLDER	6	4776	W250 113K 1% T&R RES	2	5108	2N5401 T092 PNP TRAN T&R TA	7	6137	W250 200K 5%MINI T&R RES	1	8800	6-32 KEPS NUT ZINC	2			
3426	8' 3/16 SJT AC LINE CORD REMOVE-CSA	1	4776	W250 113K 1% T&R RES	4	5108	2N5401 T092 PNP TRAN T&R TA	14	6148	W250 2K05 1%MINI MF T&R RES	1	8800	6-32 KEPS NUT ZINC	12			
3490	CLIP 250X032 14-16AWG DISCO/INSL	42	4777	W250 21K5 1% T&R RES	4	5119	J111 T092 NCH JFET T&R TC	2	6435	22N 275V 20%CAP BLK 'X2' 15MM CAP	1	8801	6-32X3/8 PAN PH TAPITITE JS500	7			
3491	CLIP 205187X020 18-22AWG DISCO/INS	8	4787	W250 7K960 0.1% *** T&R RES	12	5197	220P 100V 2%CAP T&R RAD CER 2NPO	2	6438	1N4007 1000V 1A0 DIODE T&R	2	8801	6-32X3/8 PAN PH TAPITITE JS500	9			
3501	#4 B52200F006 COMP WASH SMALL	8	4808	W250 2K 5% T&R RES	6	5198	4P7 100V 5%CAP T&R RAD CER 2NPO	2	6439	1N5225B 3V0 0V5 ZENER 5% T&R	2	8803	8-32X3/8 PAN PHIL TAPITITE JS50	12			
3522	DPDT MINI PC VERT SNP ALT	1	4813	W250 6R2 5% T&R RES	2	5199	100P 100V 2%CAP T&R RAD CER 2NPO	2	6451	4N7 250V 20%CAP BLK 'Y' 10MM CAP	6	8804	8-32X1X1/8 PAN PH MS ZINC CLEAR	4			
3538	24 PIN BREAKAWAY LOCK .156	0.333	4814	W250 3K6 5% T&R RES	2	5200	10P 200V 5%CAP T&R RAD CER 2NPO	1	6459	1N4732A 4V7 1W0 ZENER 5% T&R	1	8809	10-32X1/4 PAN PH TAPITITE JS500	4			
3538	24 PIN BREAKAWAY LOCK .156	0.866	4816	W250 3R9 5% T&R RES	3	5204	10N 100V 10%CAP T&R RAD .2FLM	1	6467	10K 1075 THERMISTOR TO-92 NTC	1	8811	#6X1X1/4 FLAT HD SO SCKT WS ZN	12			
3543	16 PIN BREAKAWAY RA 90 LOCK .156	0.4	4817	W250 47R 5% T&R RES	2	5204	10N 100V 10%CAP T&R RAD .2FLM	2	6467	10K 1075 THERMISTOR TO-92 NTC	2	8811	#6X1X1/4 FLAT HD SO SCKT WS ZN	18			
3543	16 PIN BREAKAWAY RA 90 LOCK .156	0.8	4817	W250 47R 5% T&R RES	2	5204	10N 100V 10%CAP T&R RAD .2FLM	4	6486	1N5244B 14V0 0V5 ZENER 5% T&R	3	8815	8-32X3/4 PAN PH TAPITITE JS500	1			
3549	TRIFURCON TERM .156	8	4817	W250 47R 5% T&R RES	3	5205	15N 100V 5%CAP T&R RAD .2FLM	4	6486	1N5244B 14V0 0V5 ZENER 5% T&R	9	8815	8-32X3/4 PAN PH TAPITITE JS500	8			
3549	TRIFURCON TERM .156	28	4819	W250 180R 5% T&R RES	2	5208	2N2 400V 5%CAP T&R RAD .2FLM	2	6489	5R 20% THERM SURGR NTC KNK LEADS	1	8817	#10 FOR 3/16 BOLT FLAT WASHER	4			
3558	TERM HOUSING 4 CIR .156/RAMP	2	4821	W250 470R 5% T&R RES	2	5212	100N 63V 5%CAP T&R RAD .2FLM	18	6487	304UH CHOKE 95T 18AWG/77T11 MAGNTKS	2	8817	#10 FOR 3/16 BOLT FLAT WASHER	16			
3558	TERM HOUSING 4 CIR .156/RAMP	2	4821	W250 470R 5% T&R RES	3	5213	1N 630V 5%CAP T&R RAD PRO .2FM	6	6500	2700UH COIL COMMON MODE 7AMP	1	8818	3/4ODX3/8IDX.080 THICK WASHER	1			
3559	TERM HOUSING 8 CIR .156/RAMP	3	4823	W250 1K 5% T&R RES	6	5213	.39N 100V 10%CAP T&R RAD .2FLM	2	6506	1N4750A-T 27V0 1W0 ZENER 5% T&R	1	8820	#6 FLAT WASHER JS500	16			
3585	DPST ROKR SW QUIK 250' AC/PWR IEC6	1	4824	W250 1K5 5% T&R RES	2	5224	47N 100V 10%CAP T&R RAD .2FLM	4	6510	24' 4C-28AWG RIB 2 W/LCK HDR 098	1	8823	6-32X1 PAN PH TAPITITE JS500	10			
3606	12.00 AMP CIRCUIT BREAKER	1	4827	W250 4K7 5% T&R RES	3	5226	68N 100V 5%CAP T&R RAD .2FLM	2	6605	74HC86N IC QUAD 2INP XOR	3	8828	6-32X3/4 PAN PH TAPITITE JS500	13			
3628	SPKON 4C PCB MT VERT 250TAB GRY #4	2	4827	W250 4K7 5% T&R RES	3	5231	220N 63V 5%CAP T&R RAD .2FLM	9	6640	LM311 IC VOLTAGE COMPARATOR DIP8	1	8832	6-32X1/4 PAN PH TAPITITE JS500	20			
3628	SPKON 4C PCB MT VERT 250TAB GRY #4	2	4827	W250 4K7 5% T&R RES	4	5233	330N 63V 5%CAP T&R RAD .2FLM	4	6732	MC79L05ACP T092 N 5V0 REG V4	2	8835	6-32X1/2 PAN QUAD MS TIN PLATE	2			
3647	12V 18W SC BAYONET #1141 BULB	4	4827	W250 4K7 5% T&R RES	8	5234	470N 63V 10%CAP T&R RAD .2FLM	7	6733	BA1785 30V 0A2 DIODE SCHK T&R	5	8837	6-32X1/2 ROUND PH MS JS500	10			
3658	8 CIR WAFER WLCK RA 0.1" GOLD	1	4829	W250 10K 5% T&R RES	10	5255	1U 63V 20%CAP T&R RAD 2EL	2	6733	BA1785 30V 0A2 DIODE SCHK T&R	6	8849	8-32X1 PAN PHIL MS TIN PLATE	2			
3662	6 CIR WAFER WLCK VT 0.1" GOLD	2	4830	W250 15K 5% T&R RES	2	5255	1U 63V 20%CAP T&R RAD 2EL	2	6745	LMT3800N IC XCONDUCTANCE AMP	2	8862	#10X1X1/2 PAN PH TYPE A JS500	4			
3664	13.0" 8C-26AWG RIB 1 WLCK HDR 098"	1	4831	W250 18K 5% T&R RES	4	5255	1U 63V 20%CAP T&R RAD 2EL	4	6745	LMT3800N IC XCONDUCTANCE AMP	3	8862	#10X1X1/2 PAN PH TYPE A JS500	4			
3672	6 CIR CABLE HOLDER .098	2	4832	W250 22K 5% T&R RES	2	5257	2U2 63V 20%CAP T&R RAD .2EL	1	6772	BRIDGE 25A 400V WIRE LEAD SIP	4	8865	4-40X5/16 PAN PH MS JS500	16			
3676	8 CIR CABLE HOLDER .098	1	4832	W250 22K 5% T&R RES	2	5258	4U7 63V 20%CAP T&R 8X7MM 2EL	2	6782	IRFP31N50L TO247 NCH MFET TM	4	8871	4-40X5/8 PAN PH MS JS500	4			
3694	4 CIR WAFER WLCK RA 0.1" GOLD	1	4833	W250 27K 5% T&R RES	2	5258	4U7 63V 20%CAP T&R 8X7MM 2EL	2	6815	MJF6388 T221D NPN TRAN DARL TJ	1	8879	MSX10 DIN 7985 QUAD ZINC SCREW	4			
3710	17.0" 6C-26AWG RIB 1 WLCK HDR 098"	1	4833	W250 27K 5% T&R RES	2	5258	4U7 63V 20%CAP T&R 8X7MM 2EL	2	6824	1N5246B 16V0 0V5 ZENER 5% T&R	16	8906	#14X2 PHEN FLAT HD W/ WOOD SC	6			
3722	RELAY 1A 30AMP DC24 036MA PC-C	1	4834	W250 47K 5% T&R RES	1	5266	680N 250V 20%CAP BLK 'X2' 27MM CAP	2	6825	1N4148 75V 0A45 DIODE T&R	18	8912	10-32X1 FLAT PHL MS JS500 BL	34			
3722	RELAY 1A 30AMP DC24 036MA PC-C	1	4836	W250 68K 5% T&R RES	1	5268	220U 35V 20%CAP T&R RAD 2EL	2	6825	1N4148 75V 0A45 DIODE T&R	32	8928	#14X1X1/4 PHEN FLHD WOOD SCRW	8			
3744	3/8 SNAP IN SPACER RICCHO	30	4836	W250 68K 5% T&R RES	2	5272	6N8 100V 5%CAP T&R RAD .2FLM	1	6840	MC33078P IC DUAL OP AMP	2	8936	1/4-20X3/4 PAN PH MS BLACK OXIDE	16			
3745	DUAL XSISTOR PBL SPRING CLEAR ZINC	2	4836	W250 68K 5% T&R RES	2	5274	2N2 200V 5%CAP T&R RAD CER 2NPO	9	6840	MC33078P IC DUAL OP AMP	2	8937	11-23X1 NYLON CABLE TIE	16			
3777	130UH COIL 22AWG R000 BOBBIN	2	4837	W250 82K 5% T&R RES	1	5275	3N3 100V 5%CAP T&R RAD .2FLM	2	6857	NJ79195FA TO220 N 15V0 REG IS V2	3	8999	8-32X5/8 PAN PH TAPITITE JS500	16			
3784	300UH COIL 22AWG R000 BOBBIN	2	4838	W250 100K 5% T&R RES	6	5275	3N3 100V 5%CAP T&R RAD .2FLM	2	6882	TLO72CP IC FET DUAL OP AMP	1	9000	ADAPTOR FLANGE FOR HORN	2			
3817	1.5MH COIL INPUT COM MODE	1	4839	W250 150K 5% T&R RES	1	5300	10N 50V 10%CAP T&R BEAD X7R	1	6884	NE5532N IC DUAL OP AMP	20	9897	SPEAKER COVER,BLACK POLYPROP, 54" W	45.2			
3818	EMI SUPPRESSION FERRITE BEAD T&R	2	4840	W250 33K 5% T&R RES	2	5314	100N 50V 10%CAP T&R BEAD X7R	4	6887	IR2110 IC HILO FET DRIVER	2	9916	KNOB 0-DEG GRY SOFT GRAY RIB	4			
3819	5UH COIL 18AWG R000 AIR CORE	2	4841	W250 220K 5% T&R RES	1	5314	100N 50V 10%CAP T&R BEAD X7R	29	6891	TIP50 TO220 NPN TRAN TE	2	6497CORE	7711-A7 KOOL MU POWDER CORES	2			
3841	5.5" NYLON CABLE TIE	6	4841	W250 220K 5% T&R RES	2	5318	220N 50V 10%CAP T&R BEAD X7R	2	6892	UF4004 200V 1A0 DIODE ULTRAFAS	11	8258D	"Y" LOGO ELITE SERIES MEDIUM DOME	1			
3859	#4X1/2 PLASTIC HEX SPACER	4	4841	W250 220K 5% T&R RES	4	5322	470N 50V 20%CAP T&R BEAD Z5U	1	6892	UF4004 200V 1A0 DIODE ULTRAFAS	13	8258D	"Y" LOGO ELITE SERIES MEDIUM DOME	2			
3864	FAN 92MM X 92MM 60CFM 24VDC	1	4842	W250 330K 5% T&R RES	1	5401	10P 500V 5%CAP T&R RAD CER 2NPO	2	6912	BDX53C TO220 NPN TRAN DARL TE	12	8595D	ALUMINIZED DECAL FOR 8595 SLIM DISH	2			
3921	1/4" JCK PCB MT VERT STER RT SWT	3	4844	W250 1M 5% T&R RES	2	5402	.15P 100V 10%CAP T&R BEAD NPO	2	6934	ML5854 400V 3A0 DIODE FASREC	2	CH1334U	XFMR EX2SUB	1			
3924	1/4" JCK PCB MT VERT 2XTP HICURNT	4	4844	W250 1M 5% T&R RES	3	5408	47P 100V 10%CAP T&R BEAD NPO	1	6935	14R5P1 IC SINGLE TIMER	8	HRN0037	HORN 129.4 X 317.5 X 196.5MM	2			
3941	BLK 18AWG TR64 PREFUSED WIRE	12.332	4847	W250 2K2 5% T&R RES	7	5408	47P 100V 10%CAP T&R BEAD NPO	4	6966	IRL2910 NCH MFET 100V TN	8	SP2-25SS	25' 2X16 GAUGE SPEAKON TO SPEAKON	4			
3950	GRN 18AWG TR64 PREFUSED WIRE	4	4847	W250 2K2 5% T&R RES	8	5416	470P 50V 10%CAP T&R BEAD NPO	4	7409	12" 4R 300WPGM SPEAKER EMINENCE	2						
3958	BLK 18AWG 36STND WIRE DOUJINS	10.288	4849	W250 180K 5% T&R RES</													



**NOTE: GROUND LIFT NOT REQUIRED**

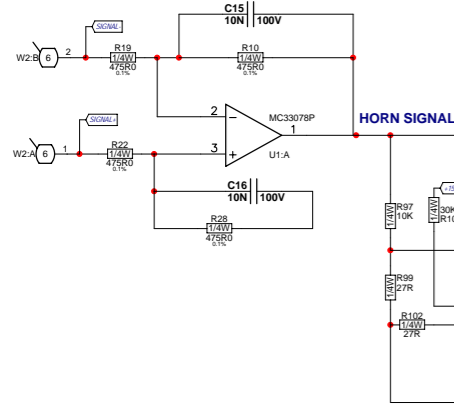
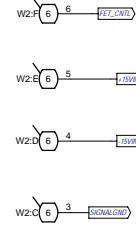
# EXCURSION 2000 225 WATT SATELLITE AMP

FAN JUNCTION



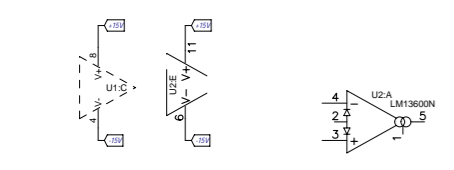
BREAK AWAY PCB

FROM INPUT PCB

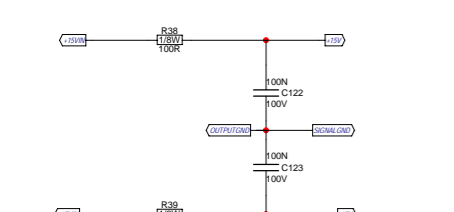


HORN SIGNAL

LIMITER

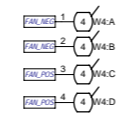


SILENT ON/OFF



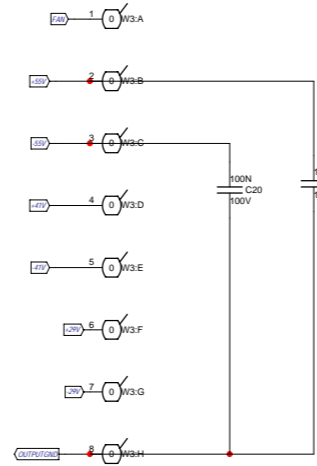
TO BREAKAWAY

FAN

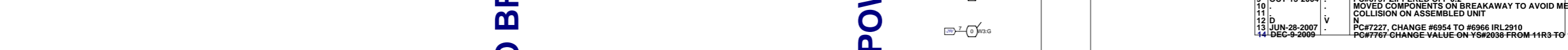


LIMITER SENSE

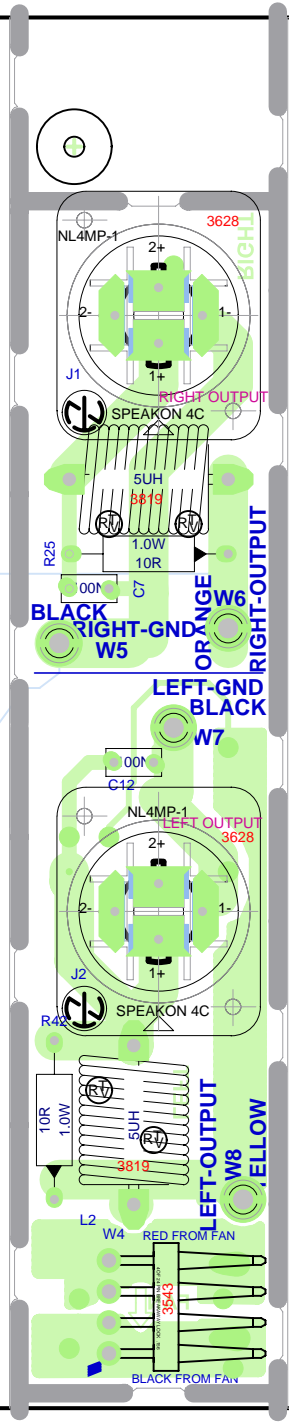
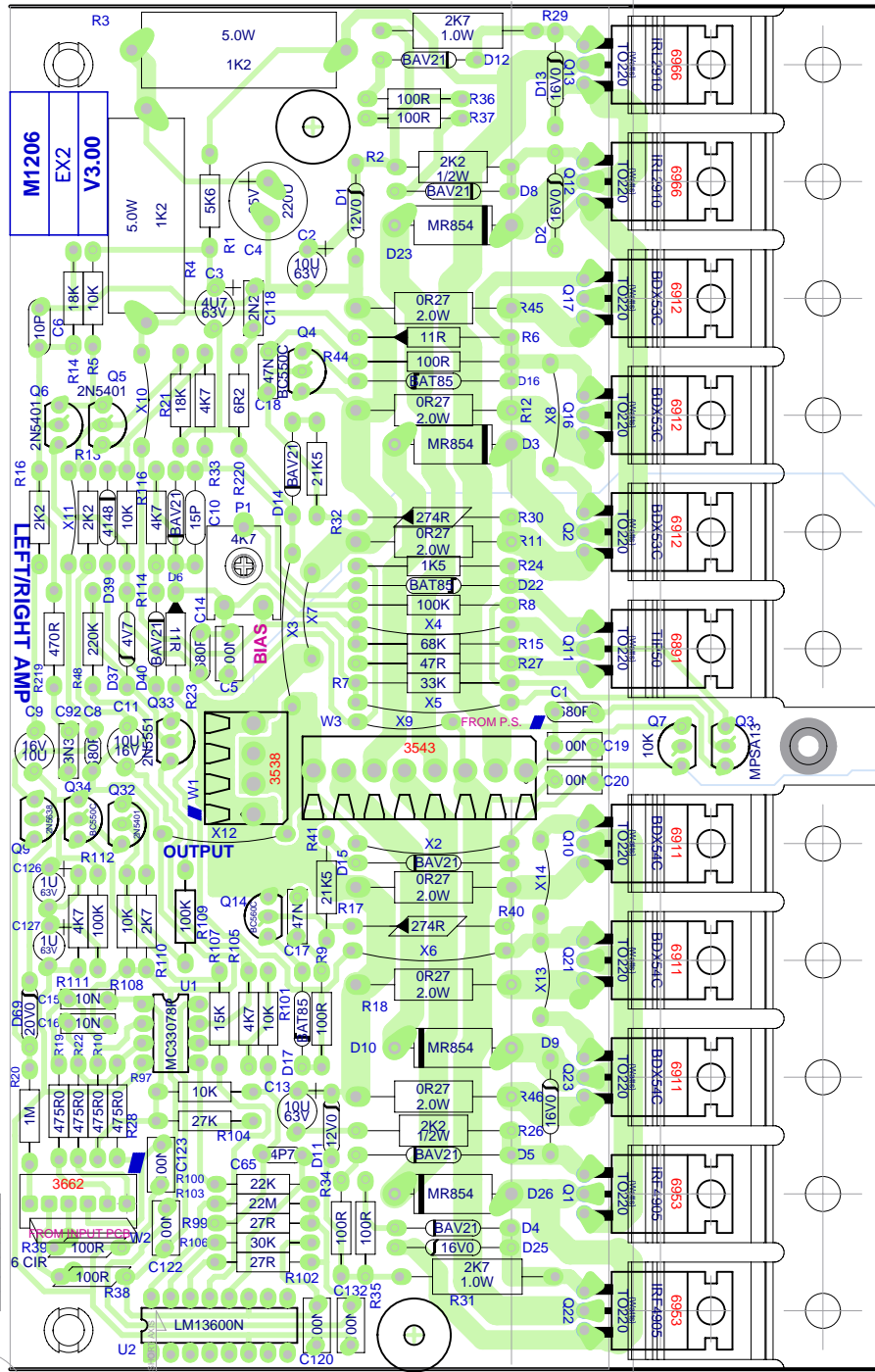
POWER SUPPLY



BIAS ADJUSTMENT AT POINTS BIAS1+ AND BIAS1- BETWEEN 1-3 mVdc

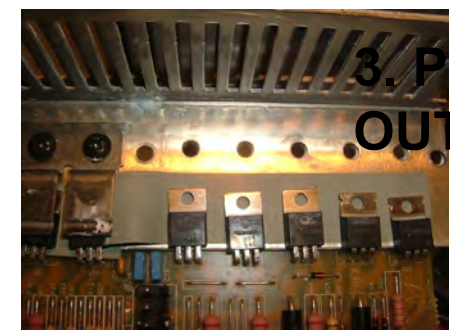


M1206.PCB_DATABASE_HISTORY		
EXCURSION 2000		
MODEL(S):-	VER#	DESCRIPTION OF CHANGE
1	MAY-13-2004	1.00 FIRST CREATION
2	JUL-15-2004	PC#6712: CHANGED COLOUR ATTRIBUTES ON TABS 5 & 11
3	AUG-09-2004	ADDED TESTPINS
4	SEP-02-2004	2.00 Artwork has pads for NODE_R_WPAD and added clinch hole on right side
5		
6	OCT-12-2004	3.00 CHANGED OUTPUT AND BLACK TABS TO #3538 MOLEX
7		
8		
9	OCT-13-2004	ON BREAKAWAY CHANGED TABS TO EYELETS AND #3543 RIGHT ANGLE MOLEX
10		
11		
12		
13	JUN-28-2007	N PC#7227, CHANGE #6954 TO #6966 IRL2910
14	DEC-9-2009	PC#7767 CHANGE VALUE ON YS#2938 FROM 11R3 TO 11R



**PRODUCTION NOTES:**

1. Q7, Q3: ADD THERMAL COMPOUND BETWEEN THE TRANSISTORS AND HEATSINK
2. BOARD ASSEMBLY: PLACE SILPAD TO COVER Q7 AND Q3 AS IN PICTURE



3. PCB SA: BREAK BOARD OUT BEFORE TESTING

4.

3. SOLDER FAN WIRES TO TEARDROP PADS



StepAndRepeat - X2@6.5Y1@0.0



**M1206.PCB\_DATABASE\_HISTORY**

**MODEL(S):- EXCURSION 2000**

#	DATE	VER#	DESCRIPTION OF CHANGE
1	MAY-13-2004	1.00	FIRST CREATION
2	JUL-15-2004	.	PC#6712: CHANGED COLOUR ATTRIBUTES ON TABS 5 & 11
3	AUG-09-2004	.	ADDED TESTPINS
4	SEP-02-2004	2.00	Artwork has pads for NODE_R_WPAD and added
5	.	.	clinch hole on right side
6	OCT-12-2004	3.00	CHANGED OUTPUT AND BLACK TABS TO #3538 MOLEX,
7	.	.	ON BREAKAWAY CHANGED TABS TO EYELETS AND
8	.	.	#3543 RIGHT ANGLE MOLEX
9	OCT-13-2004	.	PC#6737 ZIPPERED OFF 0.2" OF BOARD NEAR HEATSINK,
10	.	.	MOVED COMPONENTS ON BREAKAWAY TO AVOID MECH
11	.	.	COLLISION ON ASSEMBLED UNIT
12	FEB-1-2005	.	ADDED PRODUCTION NOTE
13	JUN-28-2007	.	PC#7227, CHANGE #6954 TO #6966 IRL2910
14	DEC-9-2009	.	PC#7767 CHANGE VALUE ON YS#2038 FROM 11R3 TO 11R

**M1206 DRILL HISTORY**

**MODEL(S):- EXCURSION 2000**

#	DATE	VER#	DESCRIPTION OF CHANGE
1	D	V	N
2	D	V	N
3	D	V	N
4	D	V	N
5	D	V	N
6	D	V	N

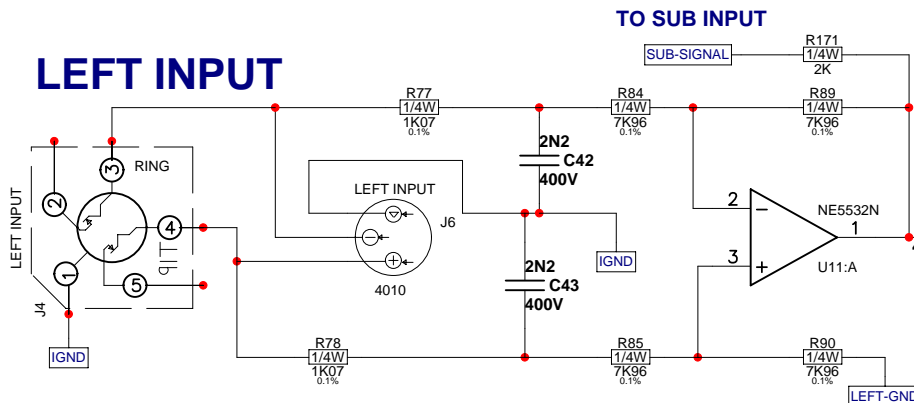
**M1206 PENDING CHANGES**

**MODEL(S):- EXCURSION 2000**

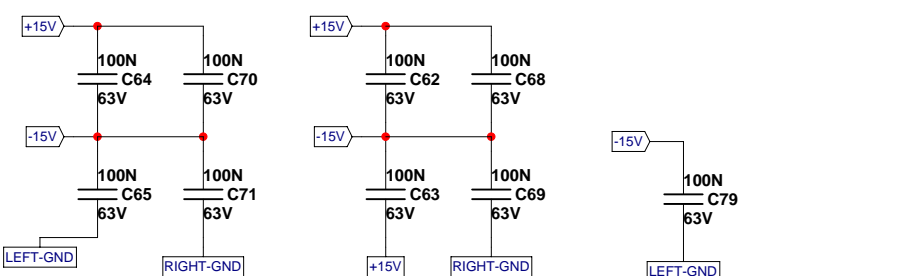
#	PC#	PENDING CHANGE
1	PC	X
2	PC	X
3	PC	X
4	PC	X
5	PC	X
6	PC	X



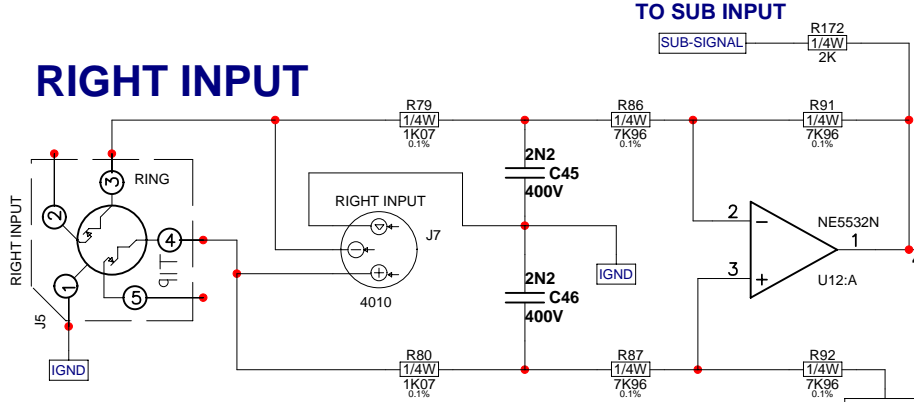
# LEFT INPUT



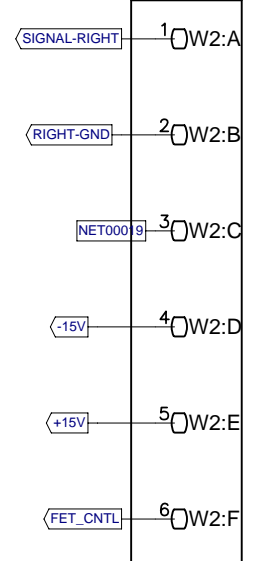
# EXCURSION 2000 INPUT PCB



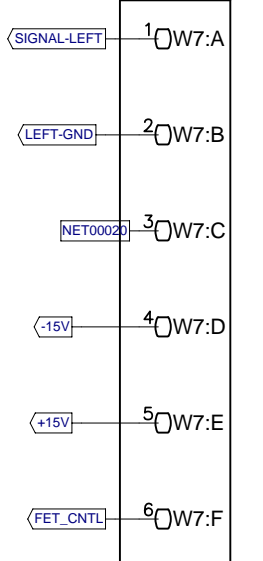
# RIGHT INPUT



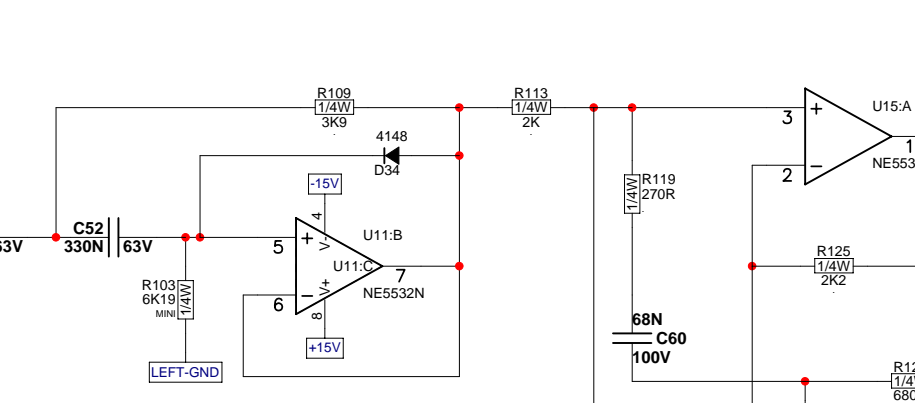
## LEFT SIGNAL



## RIGHT SIGNAL



## TO SUB INPUT

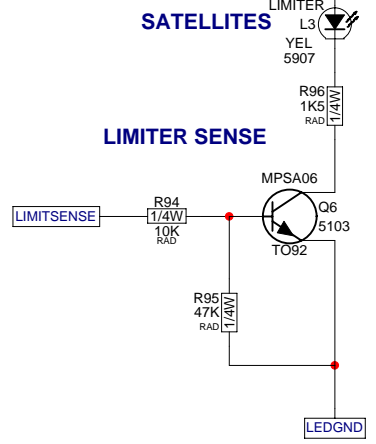


## 12KHZ BOOST

## 2K3HZ NOTCH

## MONO/STEREO

## SATELLITES

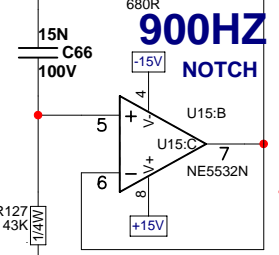


## LIMITER SENSE

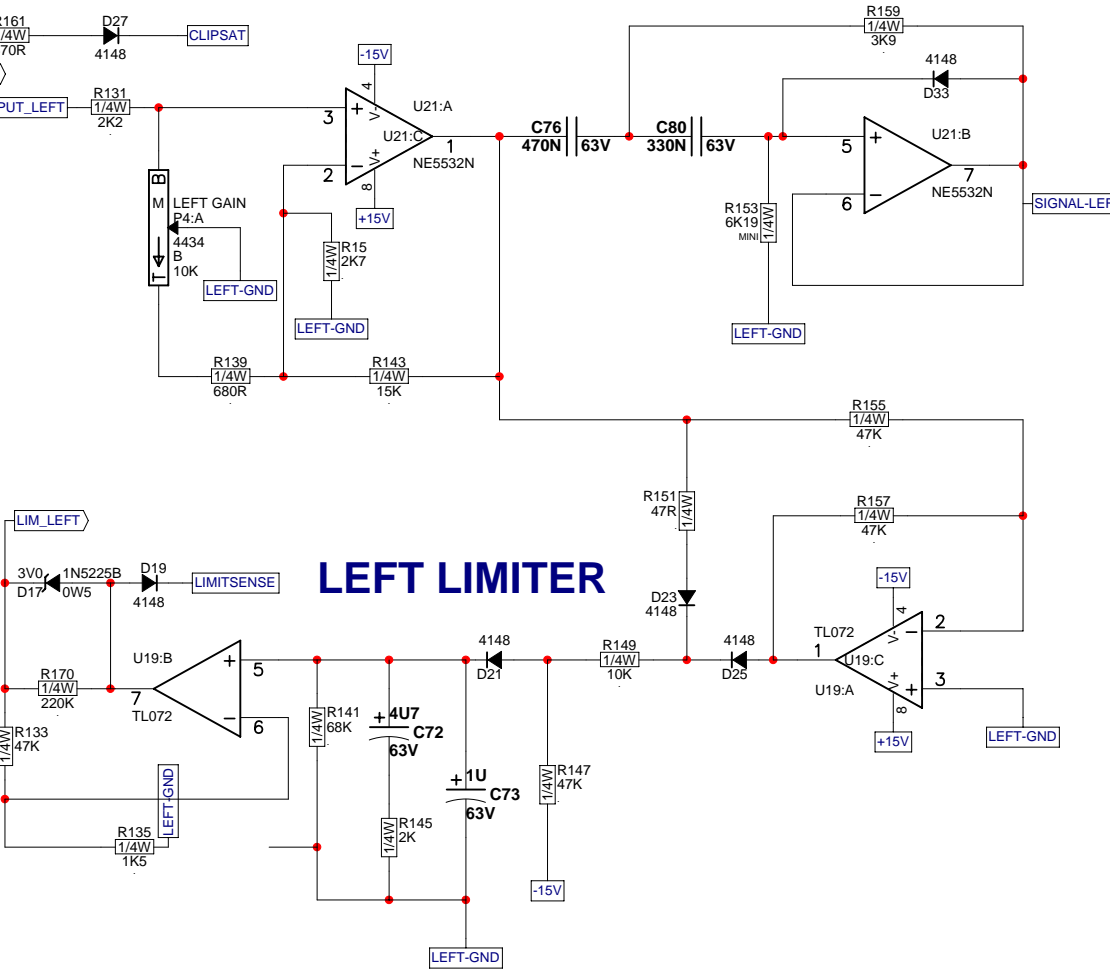
## 12KHZ BOOST

## 2K3HZ NOTCH

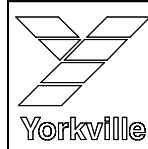
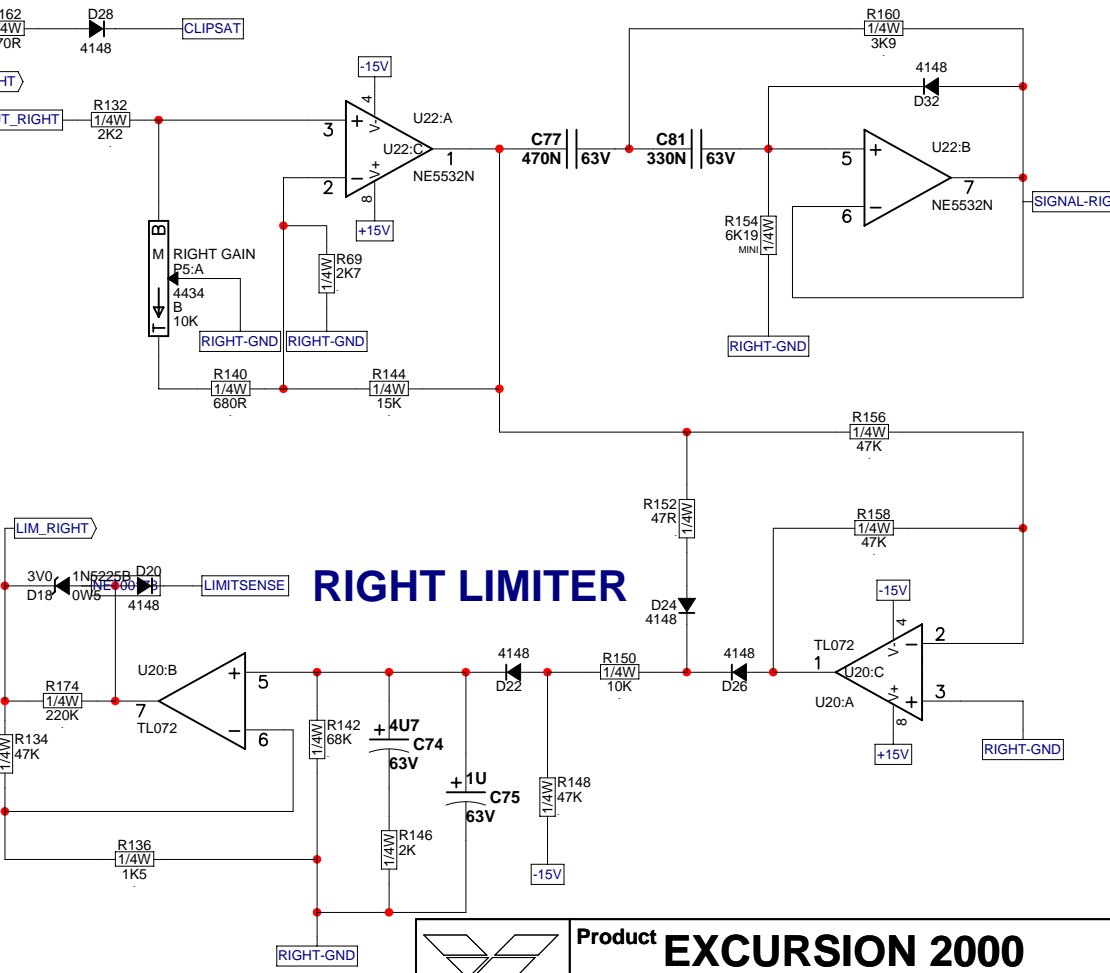
## 900HZ NOTCH



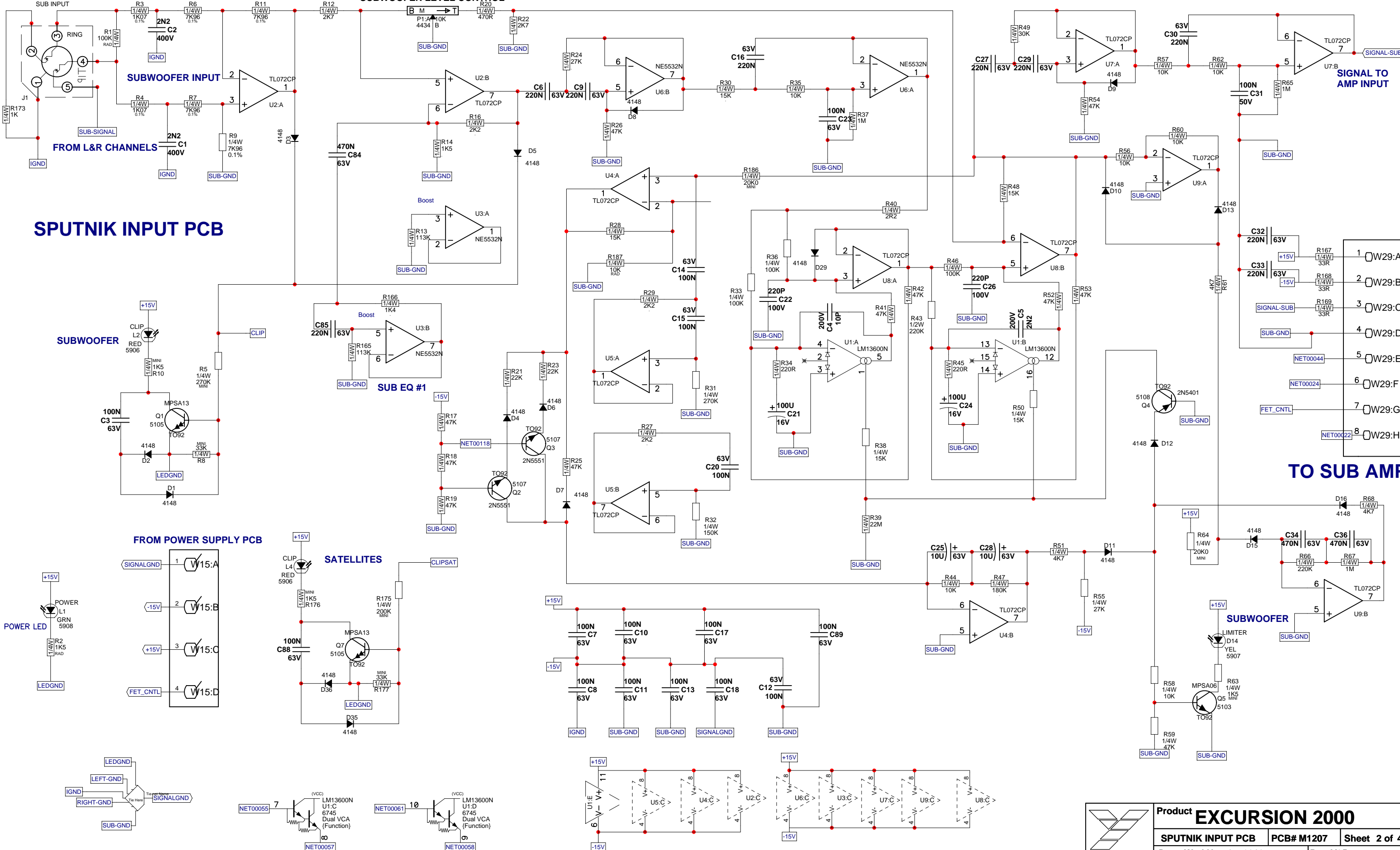
# LEFT LIMITER



# RIGHT LIMITER



1/4in JCK PCB MT VERT STER RT SWT



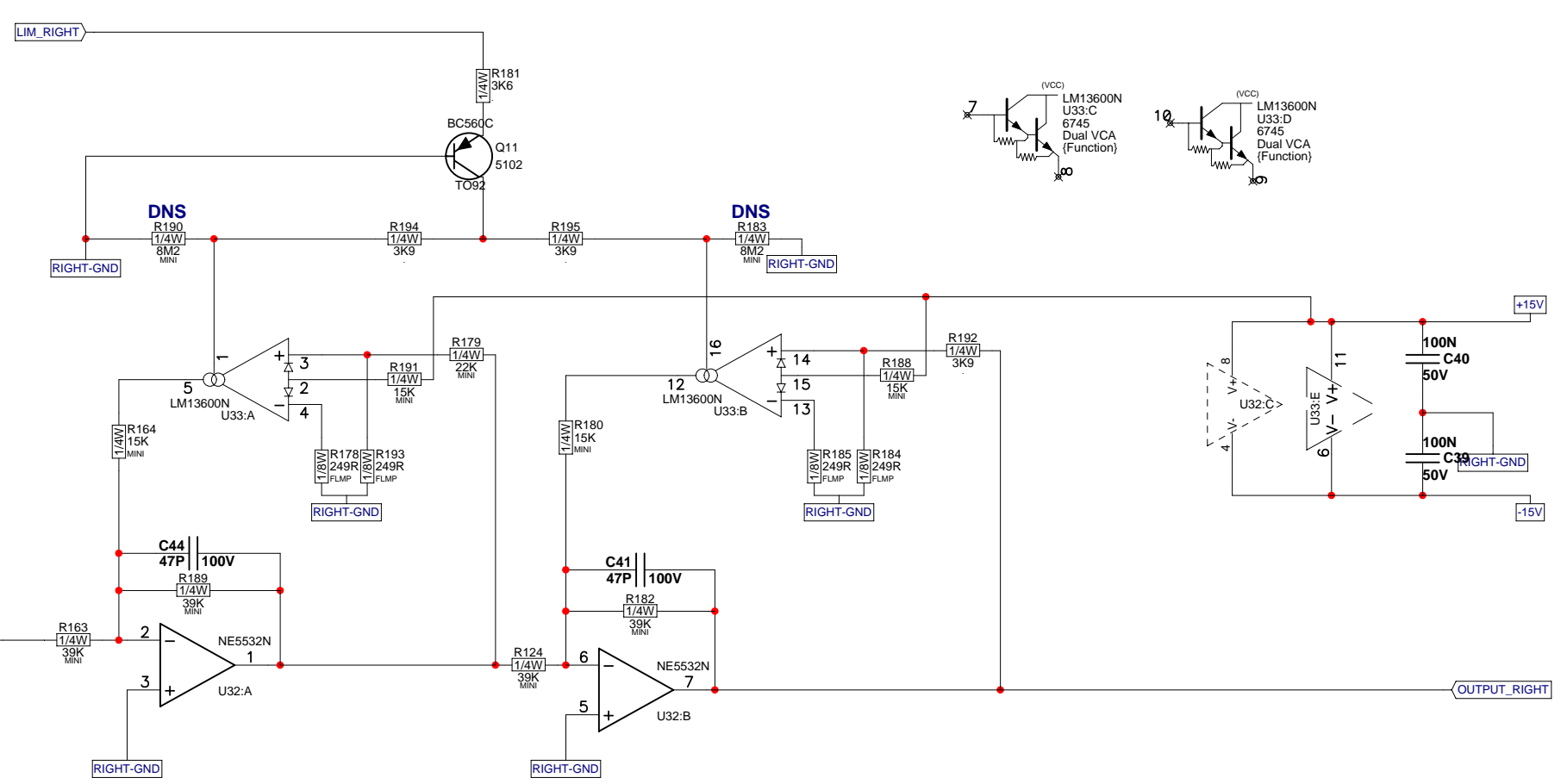
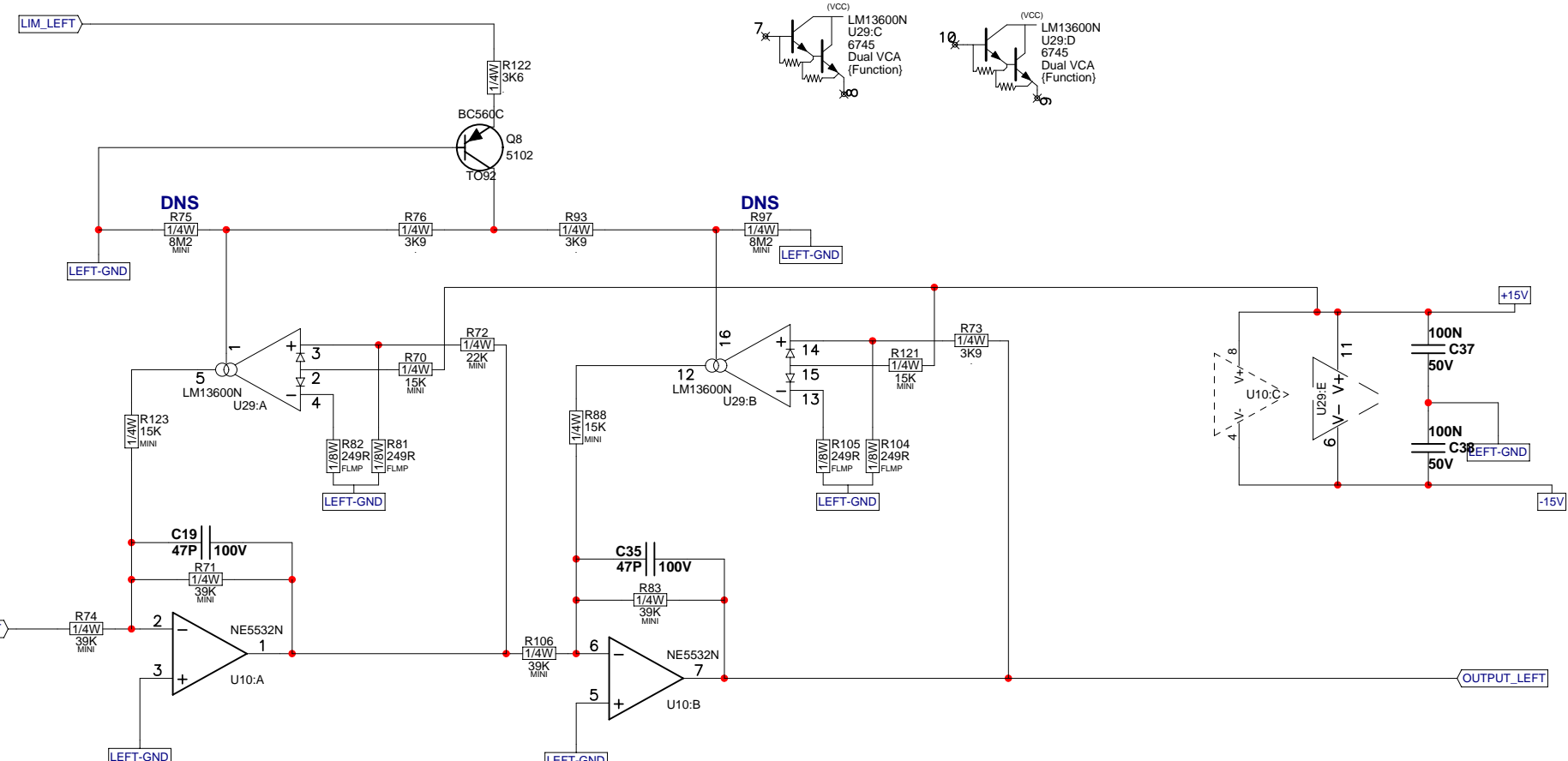
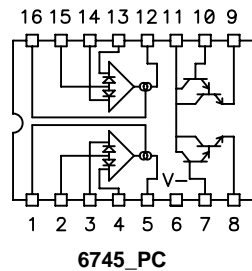
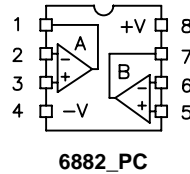
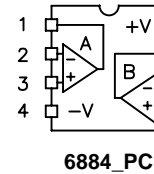
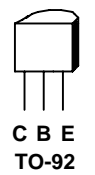
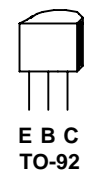
# SPUTNIK INPUT PCB

# TO SUB AMP



2N5401  
2N5551  
MPSA06  
MPSA13  
MPSA43  
MPSA56  
MPSA63

BC550C  
BC560C

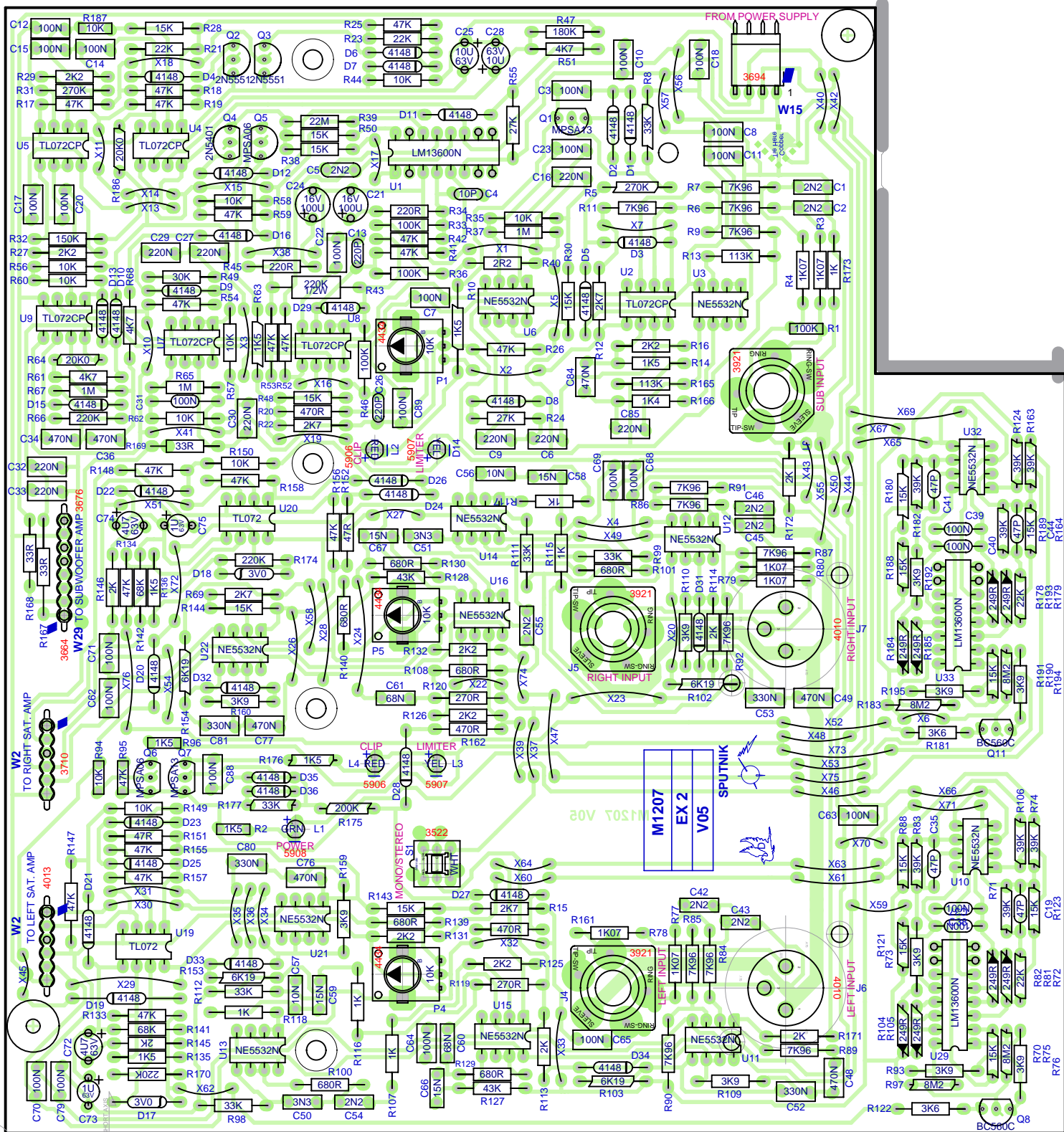


M1207 HISTORY			
MODEL(S):-		EXCERSION 2000	
#	DATE	VER#	DESCRIPTION OF CHANGE
1	JUN-08-2004	1.00	FIRST CREATION
2	JUL-14-2004	2.00	PC#6709: ADD RIGHT CORNER CLINCH HOLE, PC#6710: CHANGE C5, C84, R166, ADD DRILL & PEND. TABLES
3	-	-	PC#6711: W15 CONNECTOR MOVED FOR SHEARING
4	-	-	DISCONNECT PIN3 ON W2 & W7, PIN6 ON W29 RIBBONS
5	-	-	Force update 3921 jacks for clinch - fixed blank and repeat field
6	17 Aug, 2004	2.00	pc#6742 R64 15K->20K0, R47 130K->180K
7	SEP/30/2004	2.10	GT: removed 1OZ Copper label (production request)
8	JAN-25-2005	3.00	AH, REPLACE OPTOCOUPLER WITH LIMITTER M1339
9	DEC-18-2006	4.00	MODERNIZE BOARD, FORCE UPDATE PARTS. GG
10	16-NOV-2010	V05	
11	D	V	
12	D	V	
13	D	V	

**Yorkville** Product **EXCERSION 2000**

SPUTNIK INPUT PCB	PCB# M1207	Sheet 3 of 4
Date: Wed Nov 17, 2010	Rev:V05	
Filename: M1207V05sch.sch2002		

BlankSize - 16300x9150



Top Assy M1207V05

Bottom M1207 V05

Pcb Mech M1207 V05



SEE LAYOUT DOCUMENTATION





SEE LAYOUT DIAGRAM



# M1207 PRODUCTION NOTES

1. AUTO INSERT, DO NOT STUFF R75, R97, R183 AND R190.
2. PCBSA: BREAK OUT BOARD BEFORE TESTING.

M1207 HISTORY			
MODEL(S):- EXCURSION 2000			
#	DATE	VER#	DESCRIPTION OF CHANGE
1	JUN-08-2004	1.00	FIRST CREATION
2	JUL-14-2004	2.00	PC#6709: ADD RIGHT CORNER CLINCH HOLE, PC#6710: CHANGE C5, C84, R166, ADD DRILL & PEND. TABLES
3	-	-	PC#6711: W15 CONNECTOR MOVED FOR SHEARING
4	-	-	DISCONNECT PIN3 ON W2 & W7, PIN6 ON W29 RIBBONS
5	-	-	Force update 3921 jacks for clinch - fixed blank and repeat field
6	17 Aug, 2004	2.00	pc#6742 R64 15K->20K0, R47 130K->180K
7	SEP/30/2004	2.10	GT: removed 10Z Copper label (production request)
8	JAN-25-2005	3.00	AH, REPLACE OPTOCOUPLER WITH LIMITTER M1339
9	DEC-18-2006	4.00	Modernize board, force update parts. GG
10	16-DEC-2010	V05	
11	D	V	N
12	D	V	N
13	D	V	N

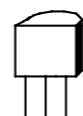
M1207				
MODEL(S):- EXCURSION 2000				
REF	FUNCTION	PART#	Knob	{NEW}
P4	LEFT GAIN	#4434	9916	N
P5	RIGHT GAIN	#4434	9916	N
P1	SUB GAIN	#4434	9916	N
R	F	P	K	N
R	F	P	K	N
R	F	P	K	N
R	F	P	K	N
R	F	P	K	N
R	F	P	K	N
R	F	P	K	N
R	F	P	K	N
R	F	P	K	N

M1207 DRILL HISTORY			
MODEL(S):- EXCURSION 2000			
#	DATE	VER#	DESCRIPTION OF CHANGE
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2	D	V	N
3	D	V	N
4	D	V	N
5	D	V	N
6	D	V	N

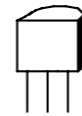
M1207 PENDING CHANGES		
MODEL(S):- EXCURSION 2000		
#	PC#	PENDING CHANGE
1	PC	X
2	PC	X
3	PC	X
4	PC	X
5	PC	X
6	PC	X

2N5401  
2N5551  
MPSA06  
MPSA13  
MPSA43  
MPSA56  
MPSA63

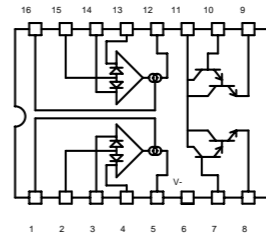
BC550C  
BC560C



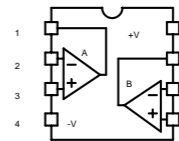
E B C  
TO-92



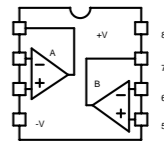
C B E  
TO-92



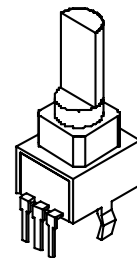
LM13600N



TL072CP



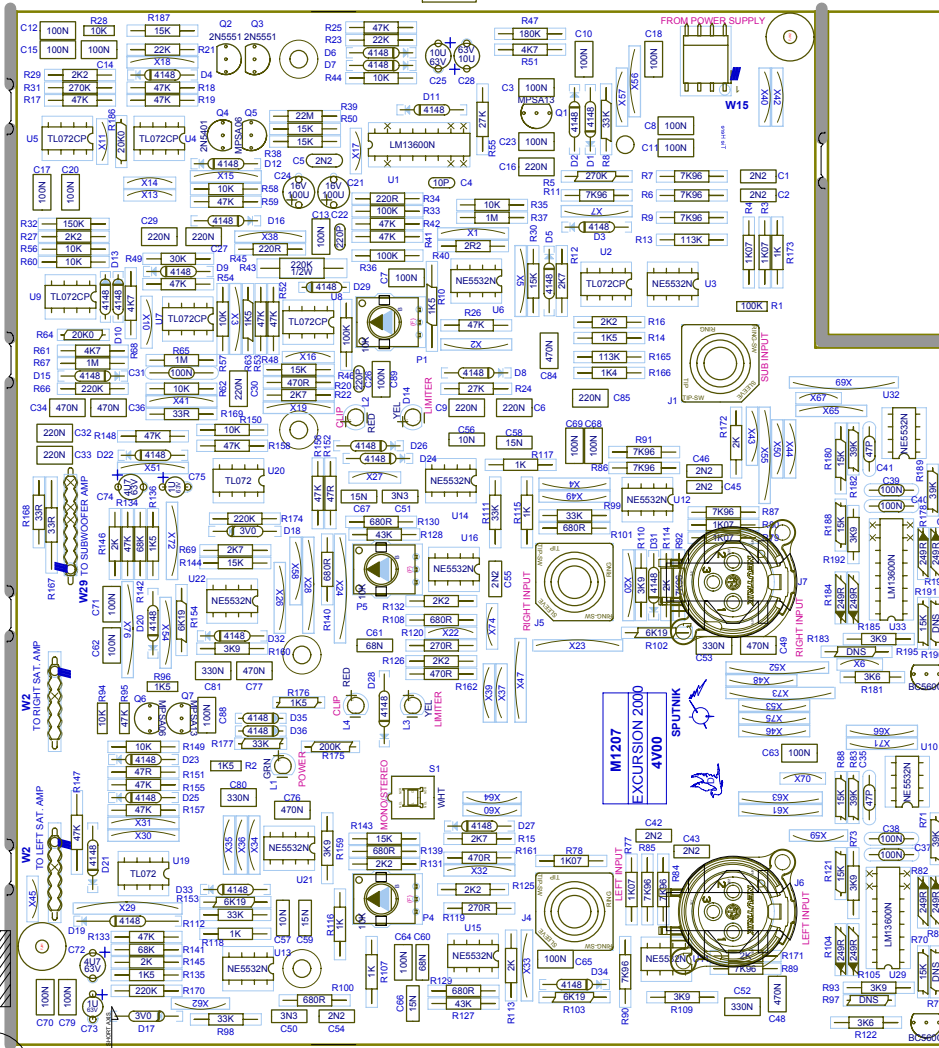
NE5532N



"STYLE\_P25"



ETCH GUIDE



CLINCH ORIGIN

INSERT ORIGIN

Top Silk M1207 4V00

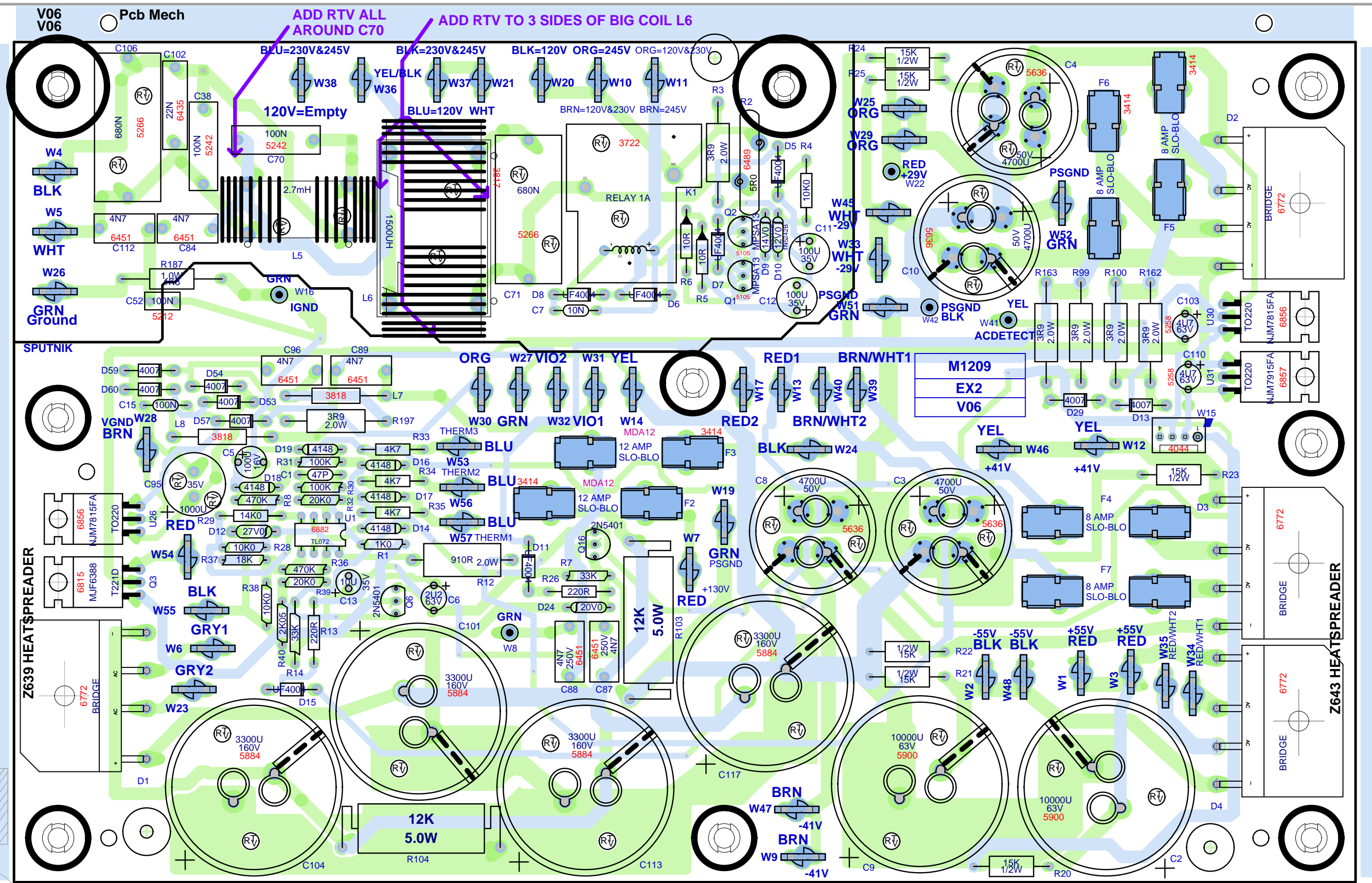
Top Assy M12074V00

ETCH GUIDE



BlankSize - 11650x7450

M1209 M1209



M1209 V06

BlankSize - 11650x7450


 SEE LAYOUT DOCUMENTATION
 





**SEE LAYOUT DIAGRAM**



## **M1209 V06 PRODUCTION NOTES**

- 1. Hardware for mounting devices to heatspreader:  
4-40 screw part# 8741, washer part# 3501,  
mica grease, kepnut part# 8701**
- 2. ADD RTV TO 3 SIDES OF BIG COIL (LOOK AT L6  
TO SEE ARROWS OF WHERE TO APPLY)**
- 3. ADD RTV ALL AROUND C70**
- 4. Auto Insert do not stuff C11 & C12, B.A. will put #5880,100U 35V.**



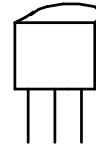
SEE LAYOUT DIAGRAM



M1209 PCB History			
MODEL(S):-		EX2	
#	DATE	VER#	DESCRIPTION OF CHANGE
1	2-JUN-2004	V1.00	Maiden Voyage
2	2-Jul-2004	V2.00	Thickened traces added notes
3	D	V	Changed R104 and R103 to kink leads.
4	SEP-24-2004	V3.00	PC#6733&6735 CHANGED W15 TO #3654 (CK)
5	OCT-08-2004	.	Force update #3682 & changed W51 tab to graphic For DS
6	OCT-21-2004	.	Added free pad to accomodate new C70 15mm lead spacing
7	NOV/4/2004	.	PC#6752 CORRECT F2 F3 8A TO 12A (HG)
8	FEB-09-2005	V4.00	PC#6750 (GT) FORCE UPDATED C70 #5242 100N
9	.	.	PC#6814, AI DO NOT STUFF C11 & C12, BA WILL PUT
10	.	.	#5880 100U 35V
11	.	.	PC#7329, ADD 10N 50V, #5300, BYPASS CAP TO K1
12	.	.	IN PARALLEL WITH COIL
13	JAN-04-2010	V5.00	Implemented PC#7951 and removed the need for rework
1	NOV-2012	V06	PC8448: #3392 pattern change GG
2	D	V	N
3	D	V	N
4	D	V	N
5	D	V	N
6	D	V	N
7	D	V	N
8	D	V	N
9	D	V	N
10	D	V	N
11	D	V	N
12	D	V	N
13	D	V	N

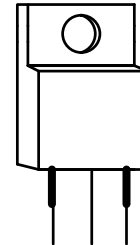
## PIN CONFIGURATION

2N5401  
2N5551  
MPSA06  
MPSA13  
MPSA43  
MPSA56  
MPSA63



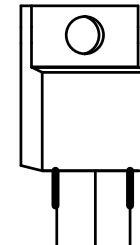
E B C  
TO-92

MJF6388  
MJF6668



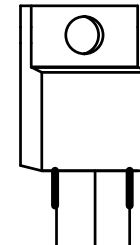
B C E  
TO-221D

78XX

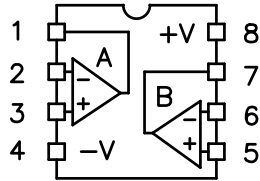


I G O  
TO-220

79XX



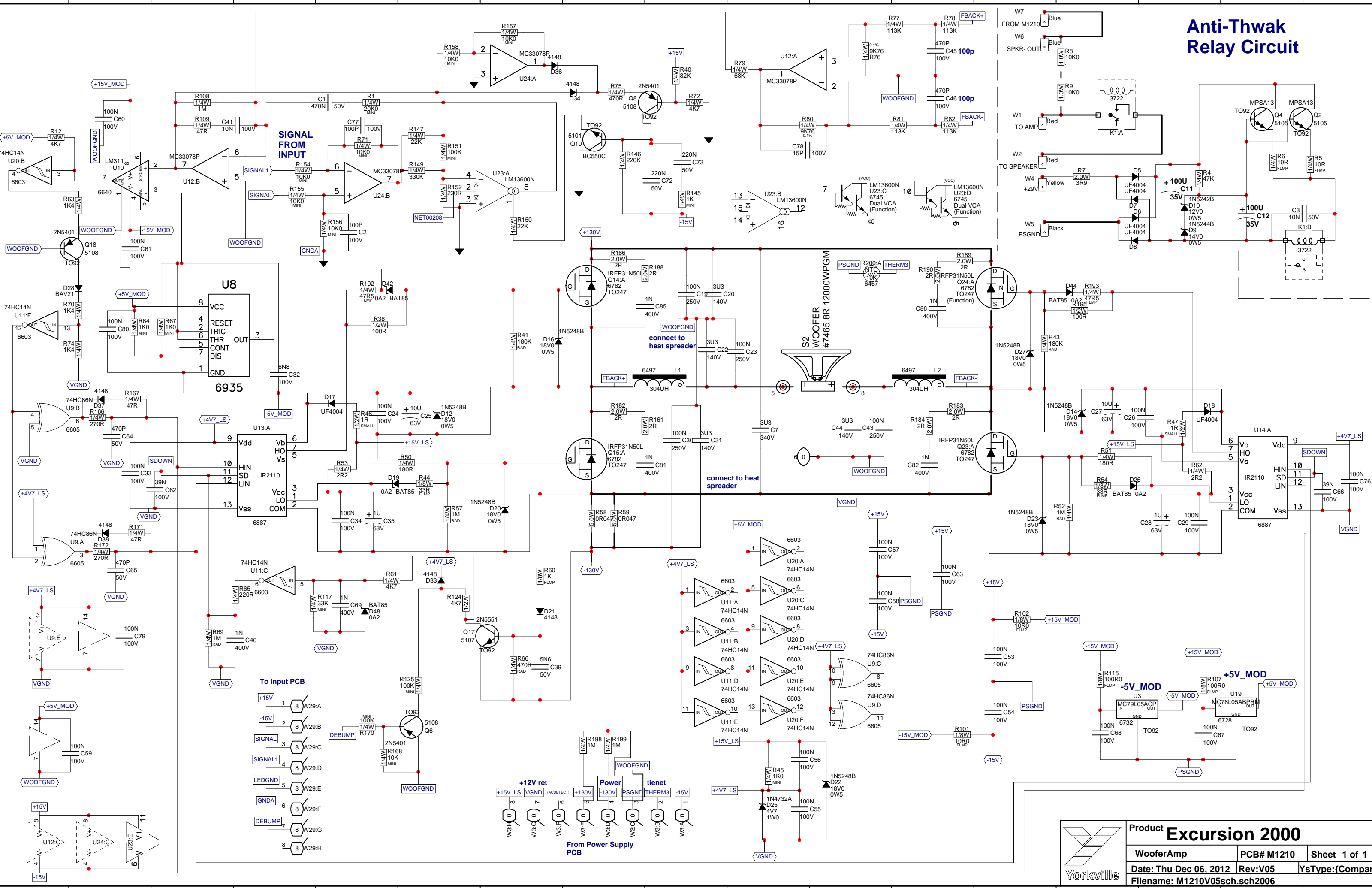
G I O  
TO-220



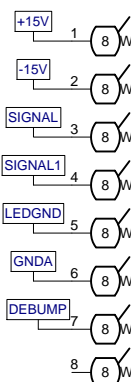
6882\_PC



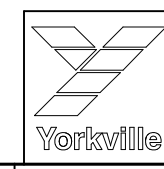
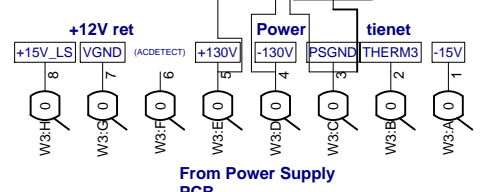
# Anti-Thwak Relay Circuit



To input PCB



From Power Supply PCB



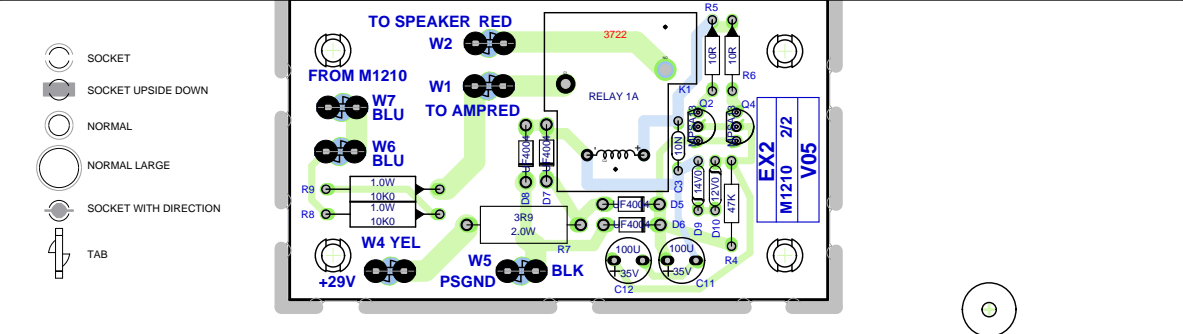
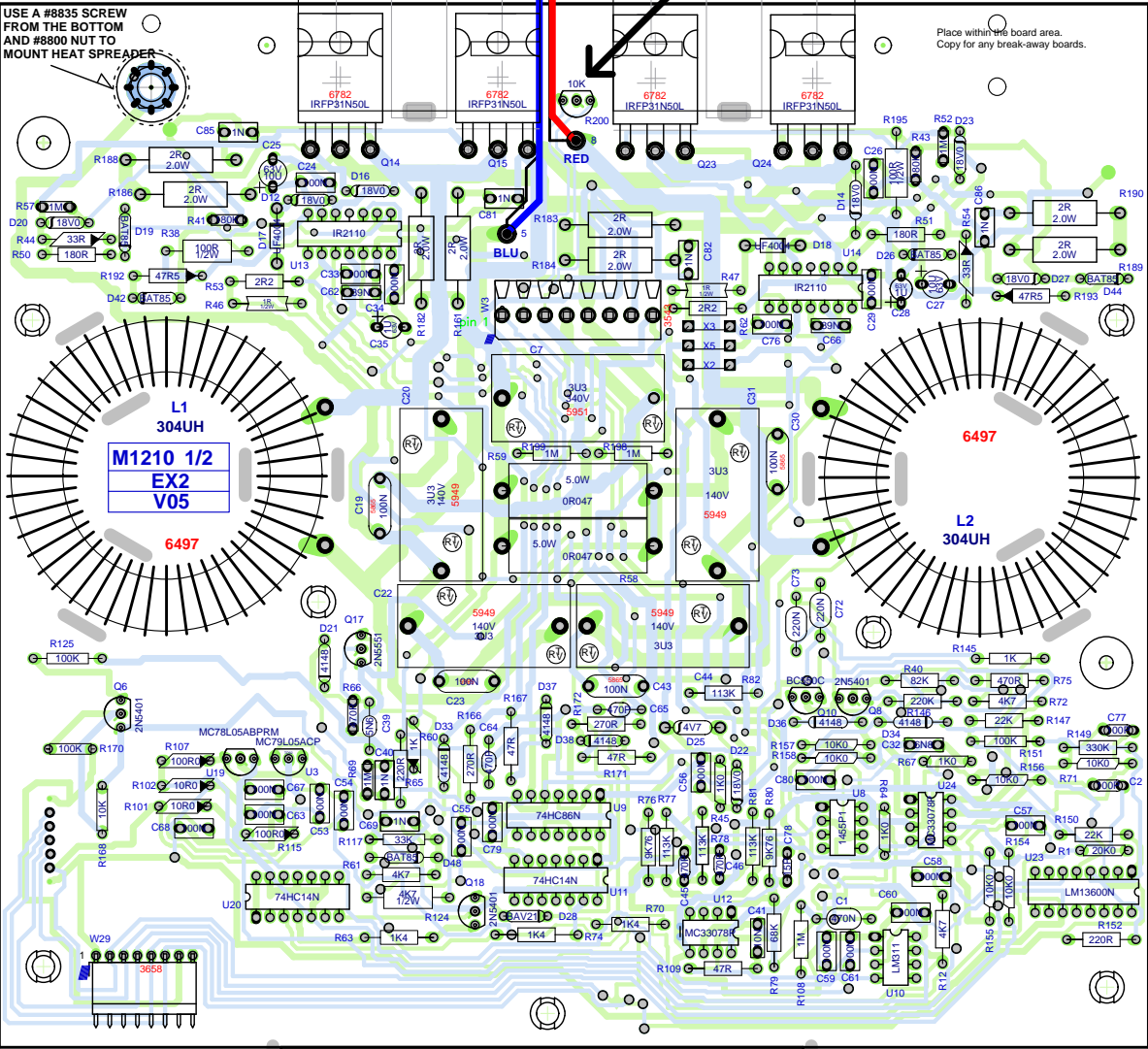
Product <b>Excursion 2000</b>		
Woofers	PCB# M1210	Sheet 1 of 1
Date: Thu Dec 06, 2012	Rev:V05	YsType:(Company)
Filename: M1210V05sch.sch2006		

Put thermal compound between R200 and heatspreader before putting silpad on PCB

BlankSize - 9400x11850

BlankSize - 9400x11850

USE A #8835 SCREW FROM THE BOTTOM AND #8800 NUT TO MOUNT HEAT SPREADER



- SOCKET
- SOCKET UPSIDE DOWN
- NORMAL
- NORMAL LARGE
- SOCKET WITH DIRECTION
- TAB

M1210 V05  
CLINCH ORIGIN  
INSERT ORIGIN

SEE LAYOUT DOCUMENTATION



SEE LAYOUT DIAGRAM



# **M1210 V05 PRODUCTION NOTES**

**1- Hardware for mounting devices to heatspreader:**

**8849 screw , 3745 spring , 8581 holder , 4124 silpad , 8787 nut**

**2- Put thermal compound between R200 and heatspreader before putting silpad on PCB**

**3- U13 and U14 have had pin 4 modified for more clearance (R060.040)**



SEE LAYOUT DIAGRAM



M1210.PCB\_DATABASE\_HISTORY

MODEL(S):- EX2			
#	DATE	VER#	DESCRIPTION OF CHANGE
1	28-MAY-2004	V1.00	PC# 6714 Removed R2, R3, C3
2	July 24-2004	V2.00	Fixed open tracks
3	Sep-22-2004	.	PC#6731-C81,C82,C85,C86 REPLACE TO #5213
4	.	.	GREY COLOUR
5	SEP-29-2004	V3.00	REPLACED C40 AND C69 WITH #5213 (CK)
6	.	.	PC#6736:REPLACED C28&C35 5254 WITH 5255 (GT)
7	.	.	PC#6734:W29 CHANGED TO 3658 & MOVED LOWER (CK)
8	.	.	Moved vias from under resistors.
9	AUG-25-2005	.	PC#6931:SPEAKER #18/063Y8M->#7459
10	.	.	PC#6814, AI DO NOT STUFF C11 & C12, BA WILL PUT
11	.	.	#5880 100U 35V
12	.	.	PC#7329, ADD 10N 50V, #5300, BYPASS CAP TO K1
13	.	.	IN PARALLELE WITH COIL
1	11-DEC-09	V4.00	PC#7329, PC#6814, score, force updated parts
2	18-NOV-2010	V04	Force update 6782, 3392 ,3538 GG
3	27-NOV-2012	V05	PC8448: New #3392 pattern GG
4	D	V	N
5	D	V	N
6	D	V	N
7	D	V	N
8	D	V	N
9	D	V	N
10	D	V	N
11	D	V	N
12	D	V	N
13	D	V	N

M1210 DRILL HISTORY

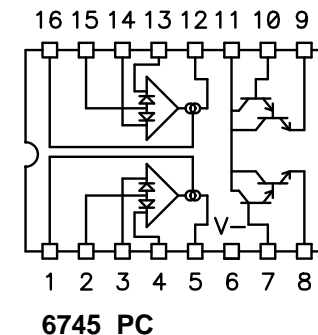
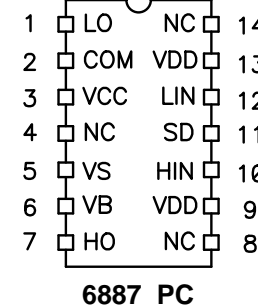
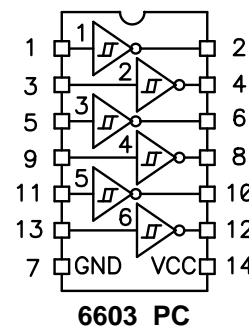
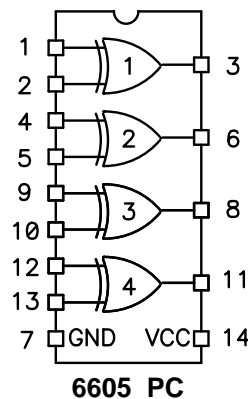
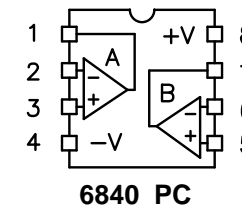
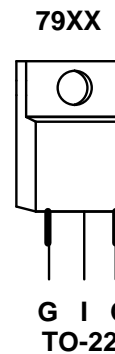
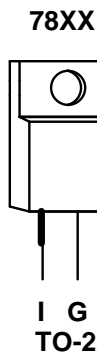
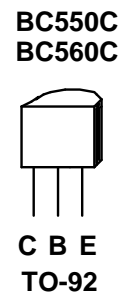
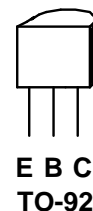
MODEL(S):- EX2			
#	DATE	VER#	DESCRIPTION OF CHANGE
1	D	V	N
2	D	V	N
3	D	V	N
4	D	V	N
5	D	V	N
6	D	V	N

M1210 PENDING CHANGES

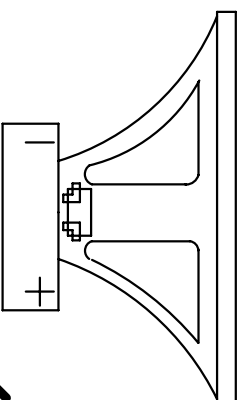
MODEL(S):- EX2		
#	PC#	PENDING CHANGE
1	PC	X
2	PC	X
3	PC	X
4	PC	X
5	PC	X
6	PC	X

PIN CONFIGURATION

2N5401  
2N5551  
MPSA06  
MPSA13  
MPSA43  
MPSA56  
MPSA63

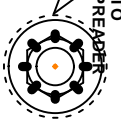


\*PLACE IMPLEMENTED CHANGES INTO BOARD HISTORY

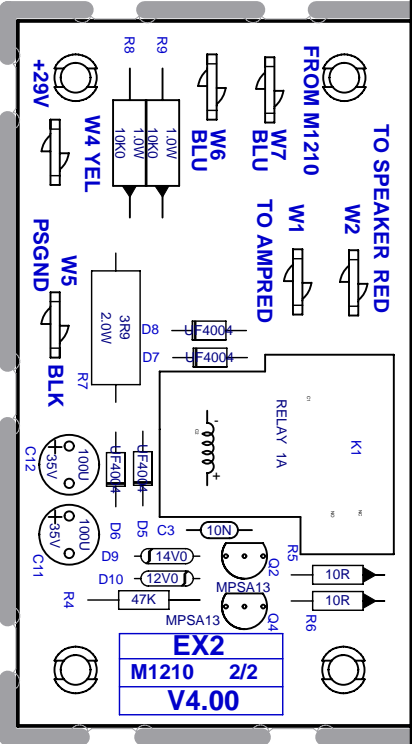
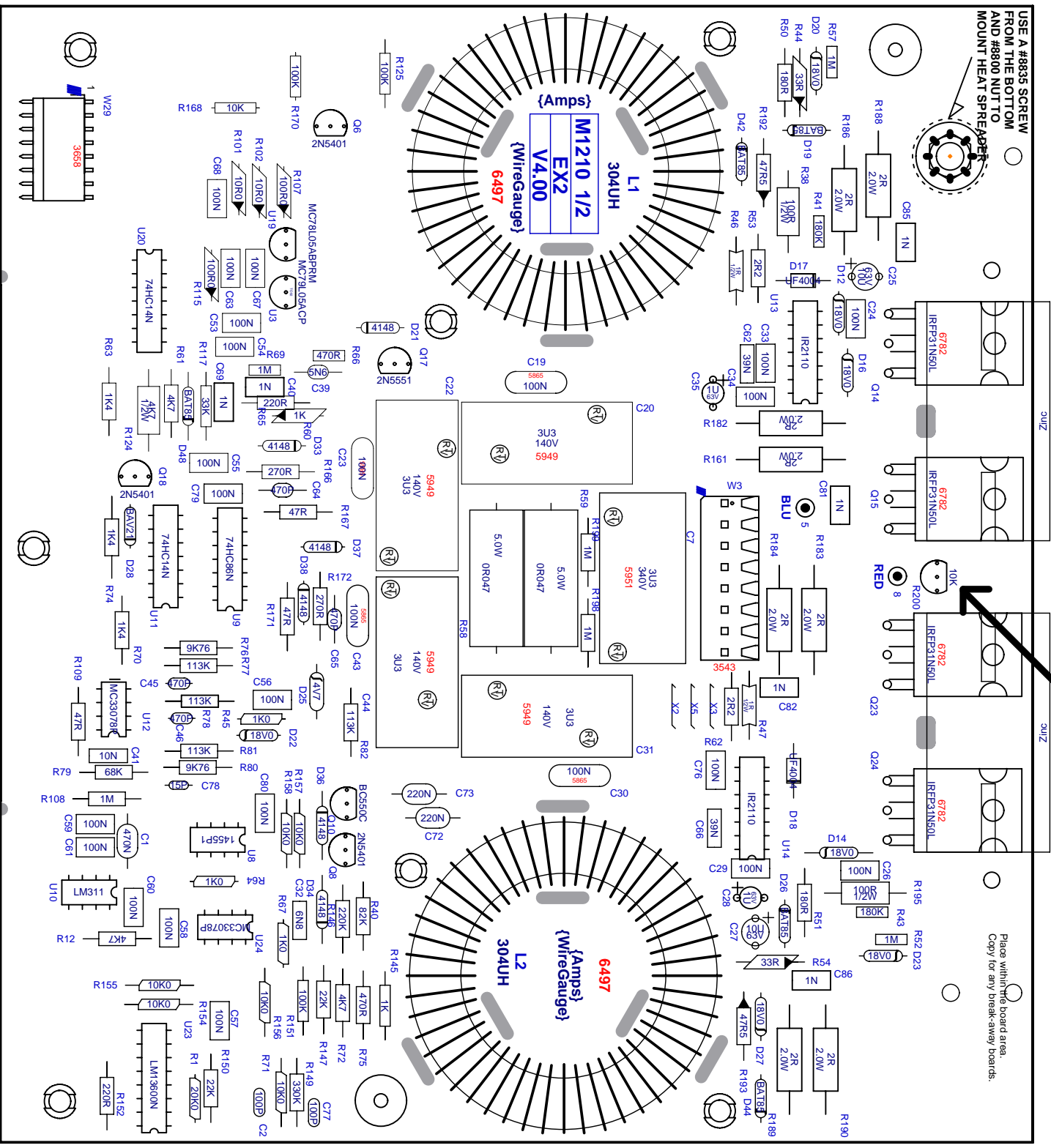


Put thermal compound between R200 and heatspreader before putting silipad on PCB

USE A #8935 SCREW FROM THE BOTTOM AND #8900 NUT TO MOUNT HEAT SPREADER



Place within the board area. Copy for any break-away boards.



SHORT AXIS  
LONG AXIS

SEE LAYOUT DOCUMENTATION





Top Ass'y M1209 v2.00

M1209

Bottom

69.5v

v2.00

M1209

Layers for wires

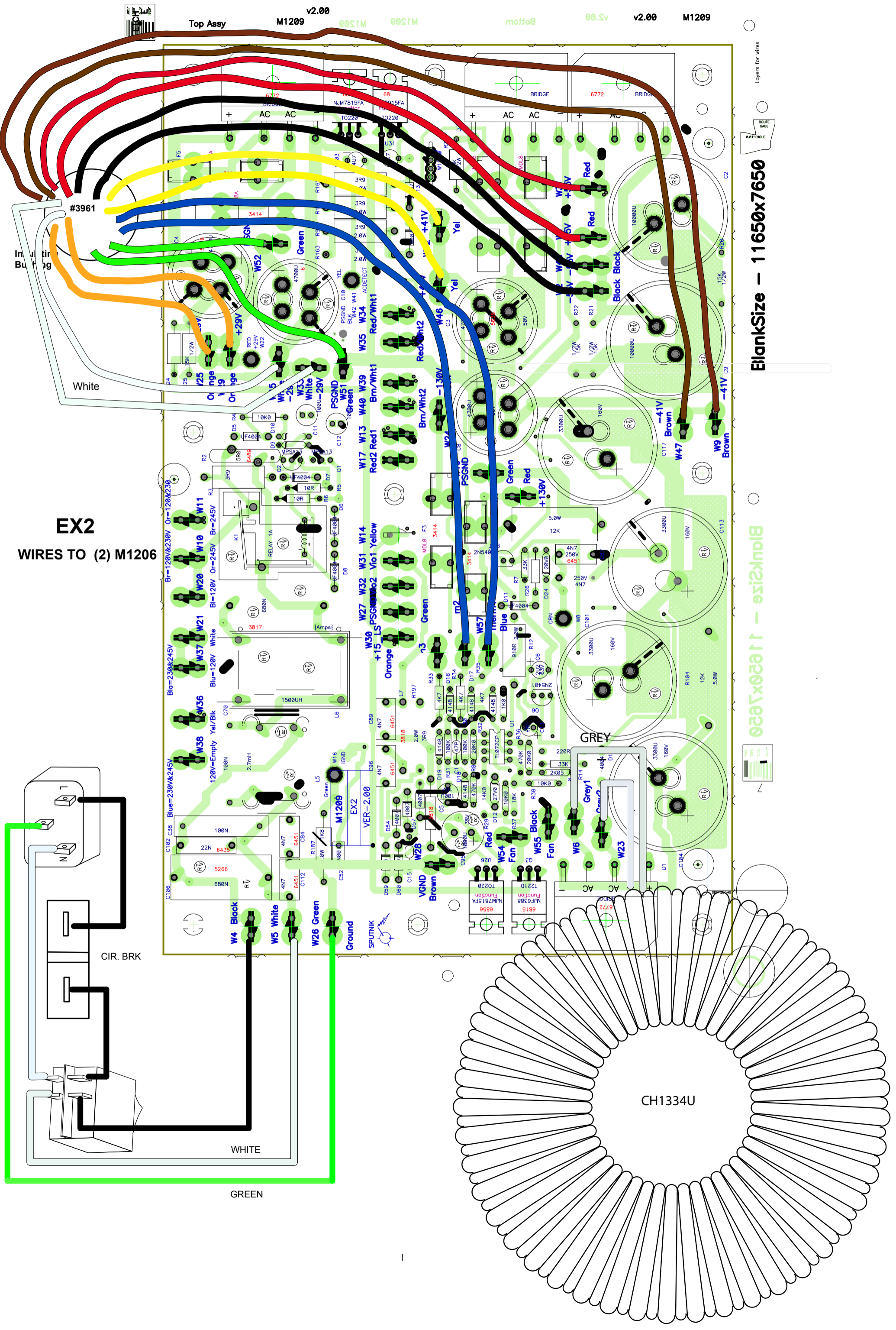
ROUTE GAGE 0.817/HOLE

BlankSize - 11650x7650

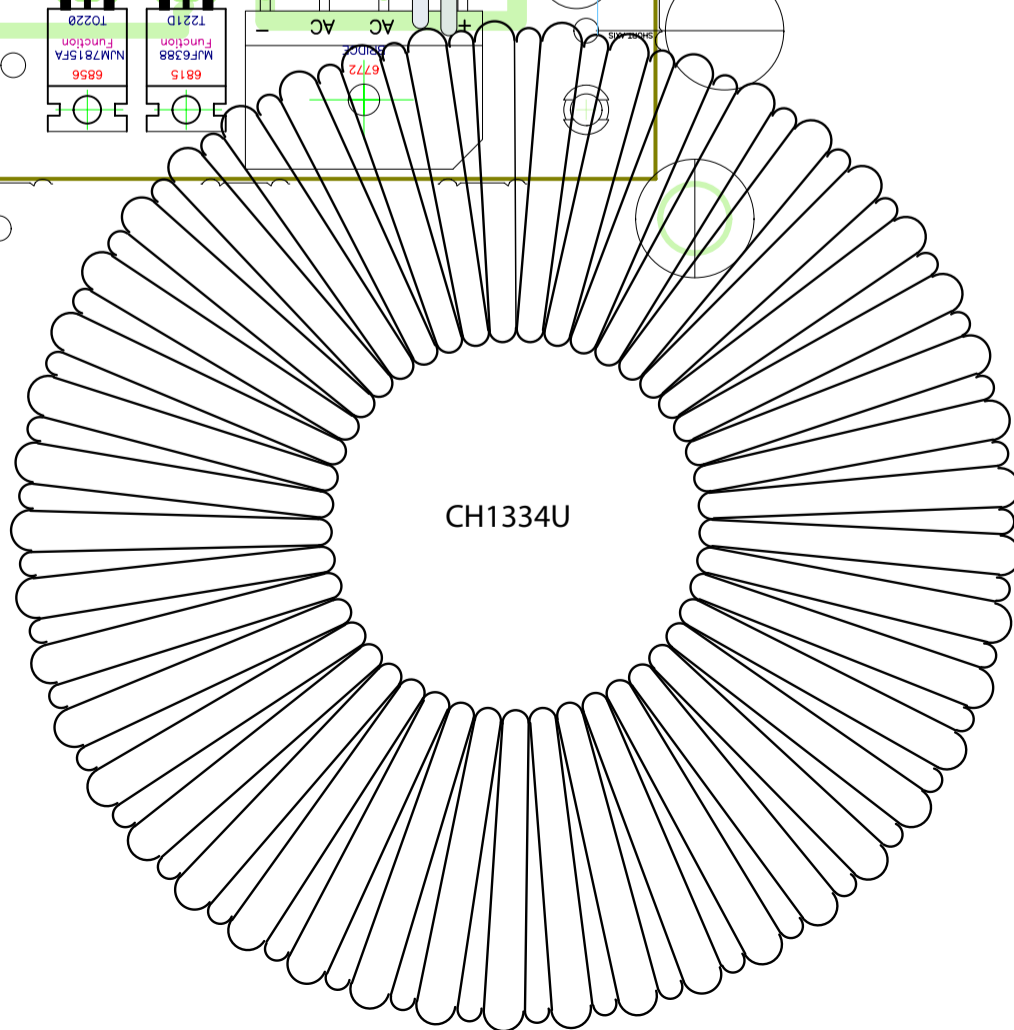
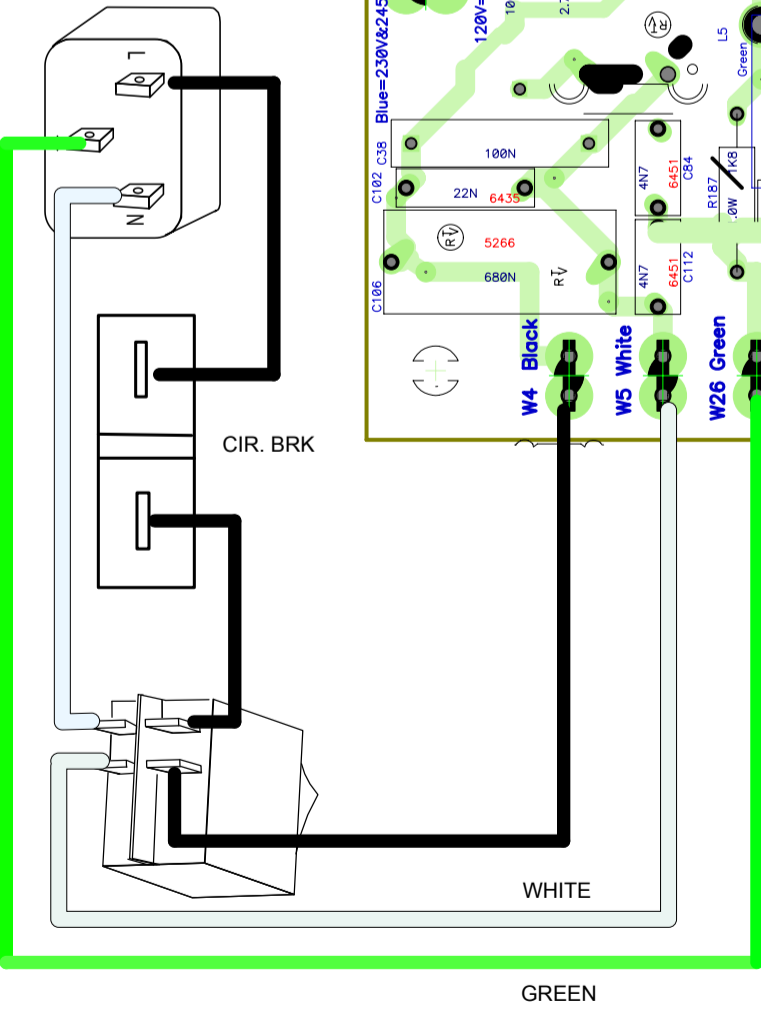
BlankSize - 11650x7650



7



### EX2 WIRES TO (2) M1206



CH1334U

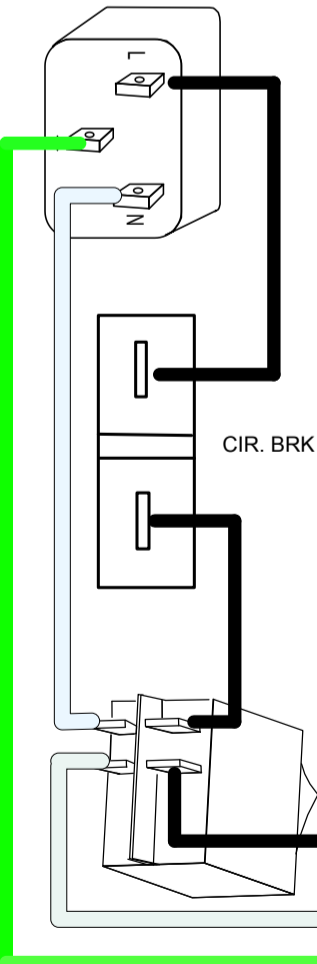
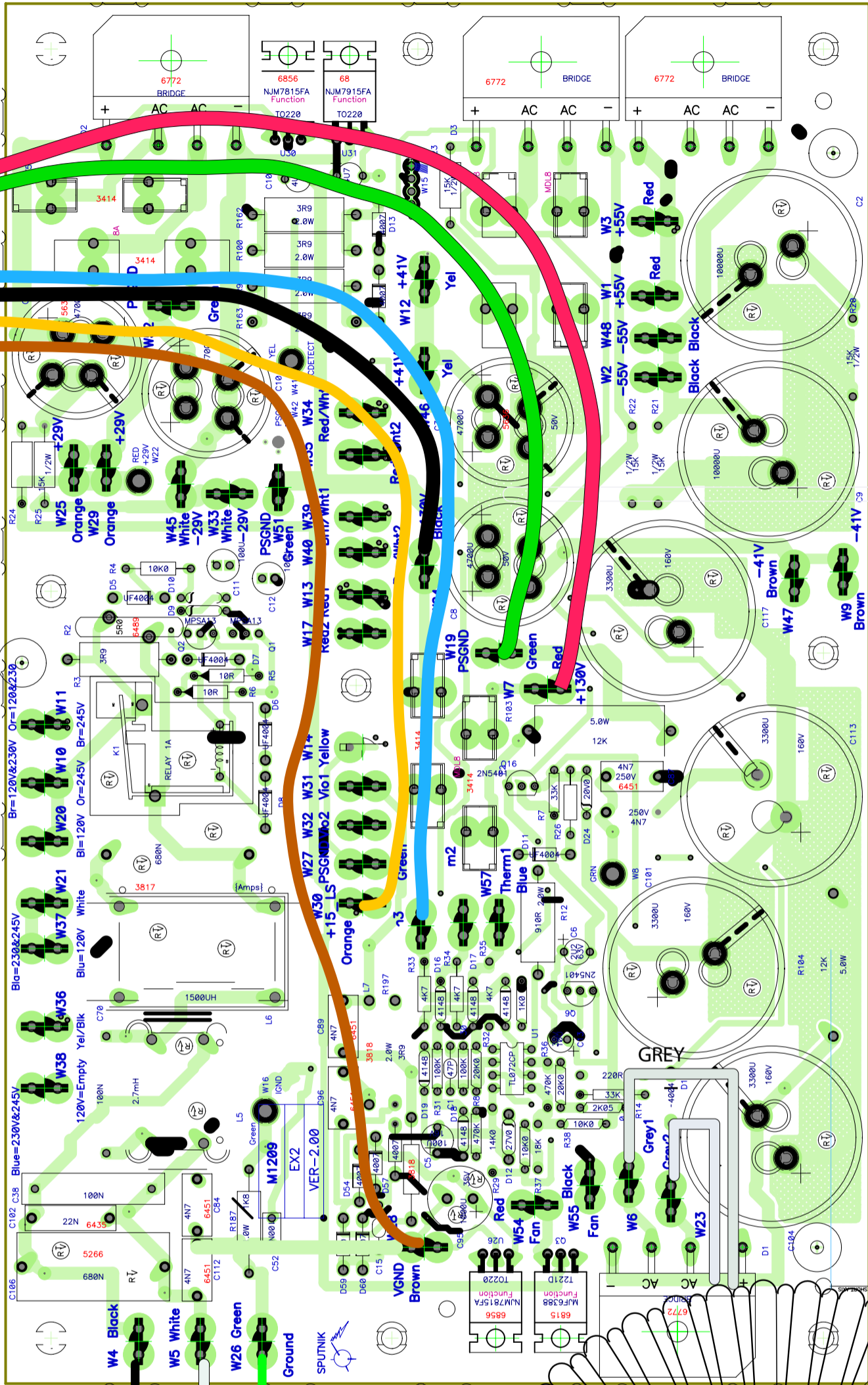




#3961

Insulating Bushing

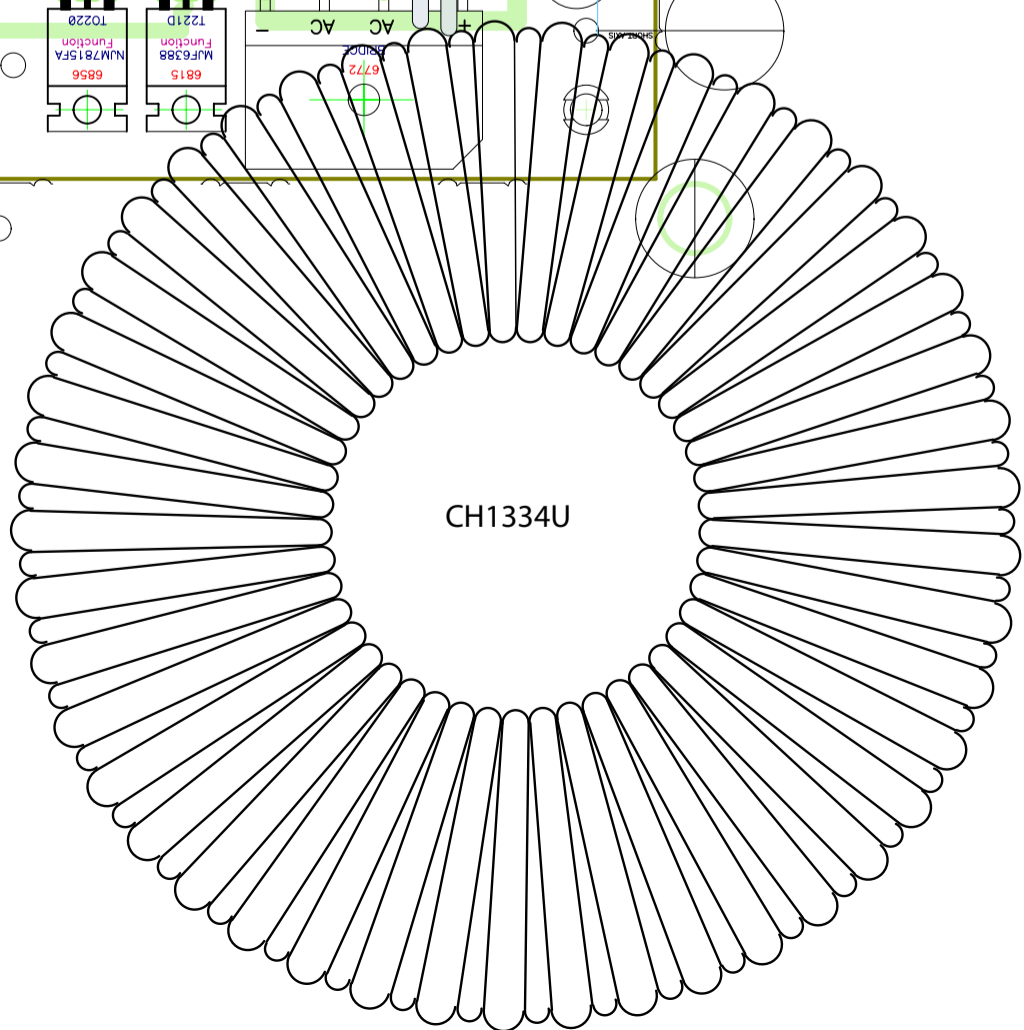
EX2  
WIRES TO M1210



Layers for wires  
ROUTE GAGE  
0.817HOLE

BlankSize - 11650x7650

BlankSize - 11650x7650



CH1334U



EX2

230V CE

PRIMARY WIRING

ORN

BRN

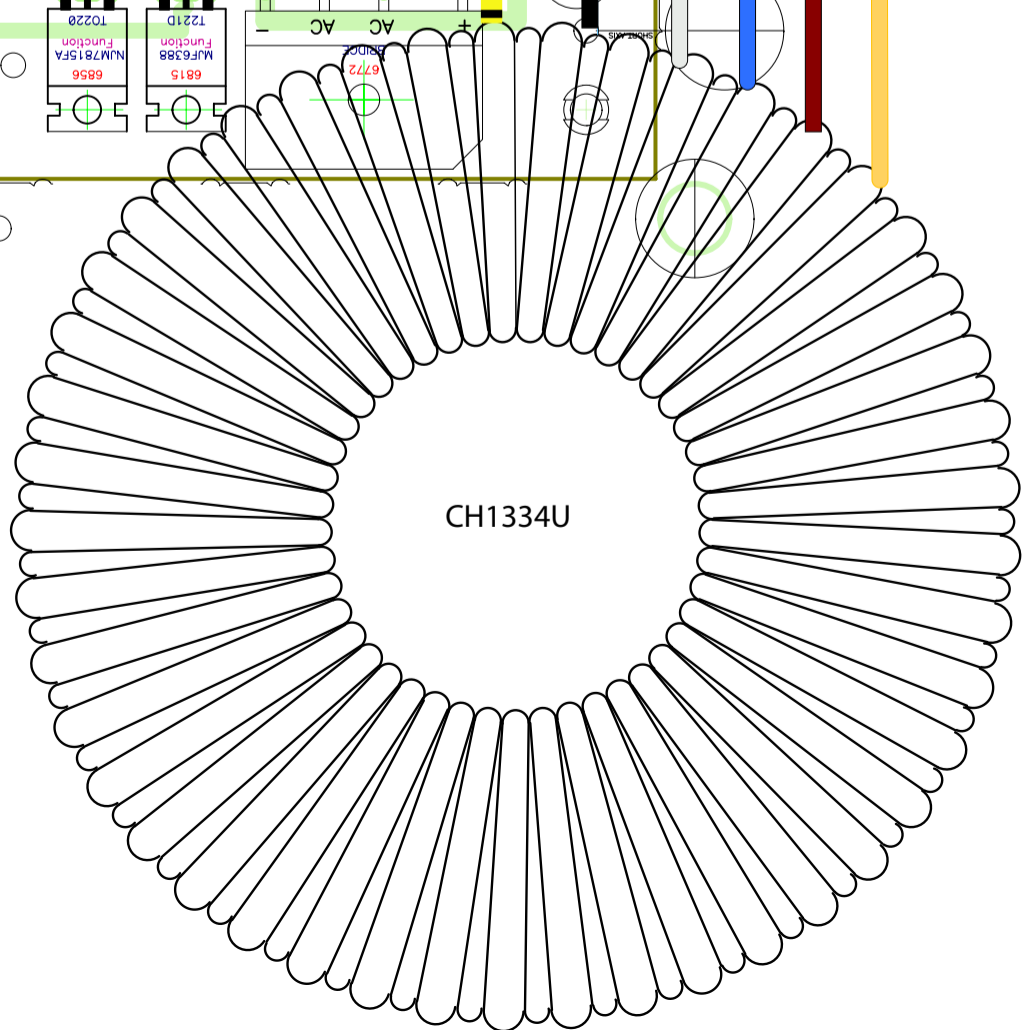
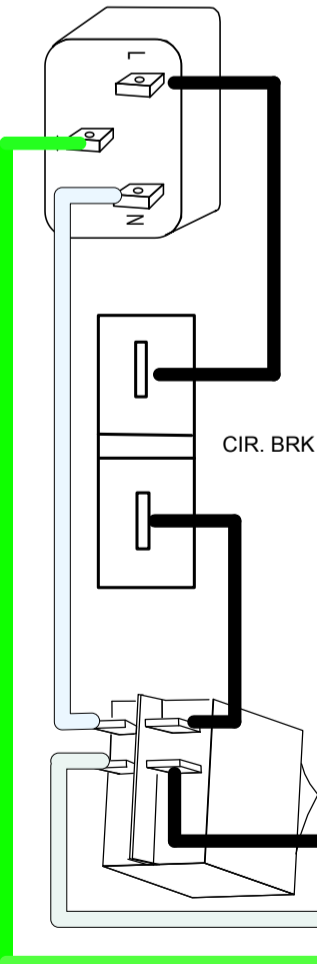
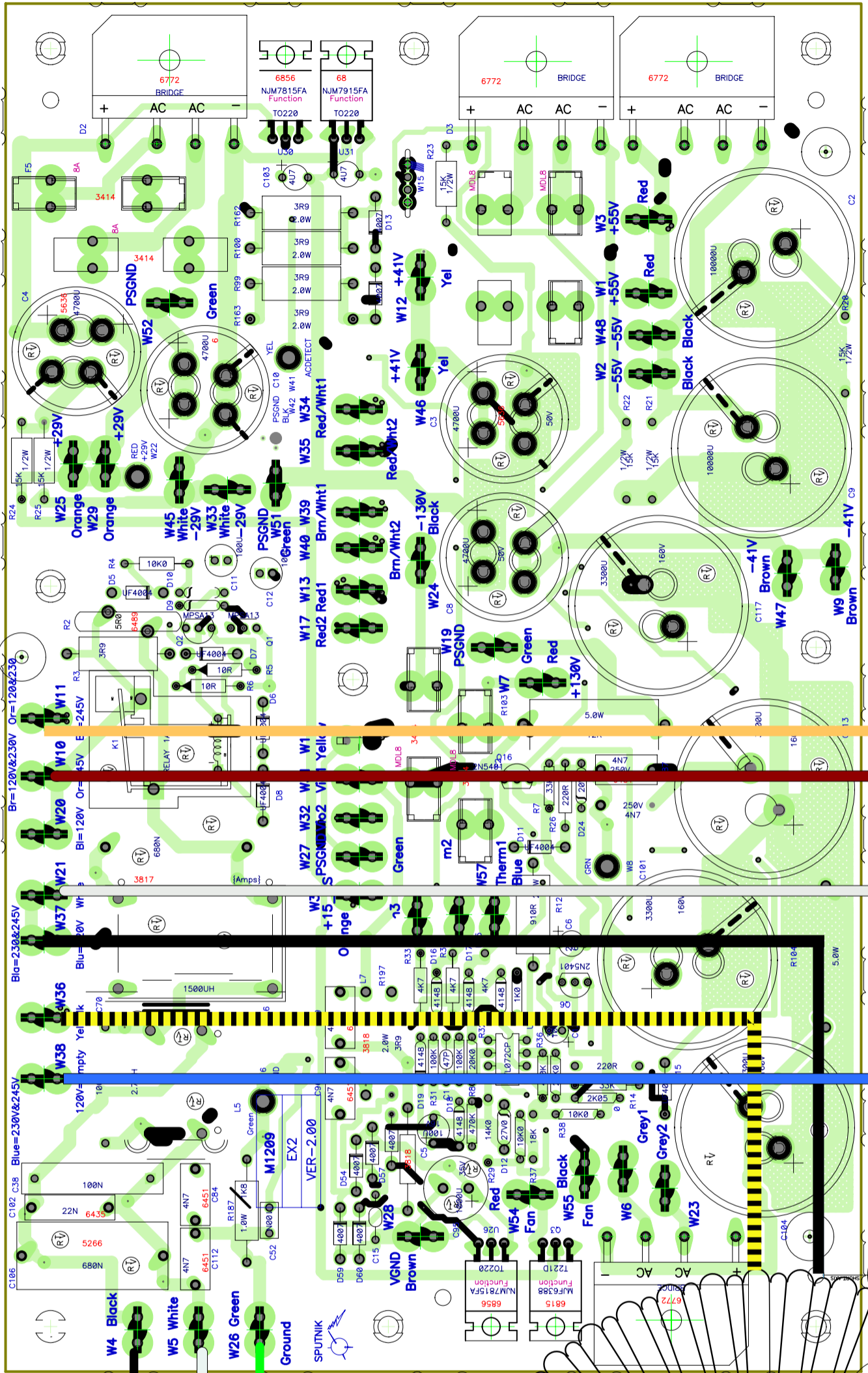
N/C

WHT

BLK

YEL/BLK

BLUE



BlankSize - 11650x7650

Layers for wires



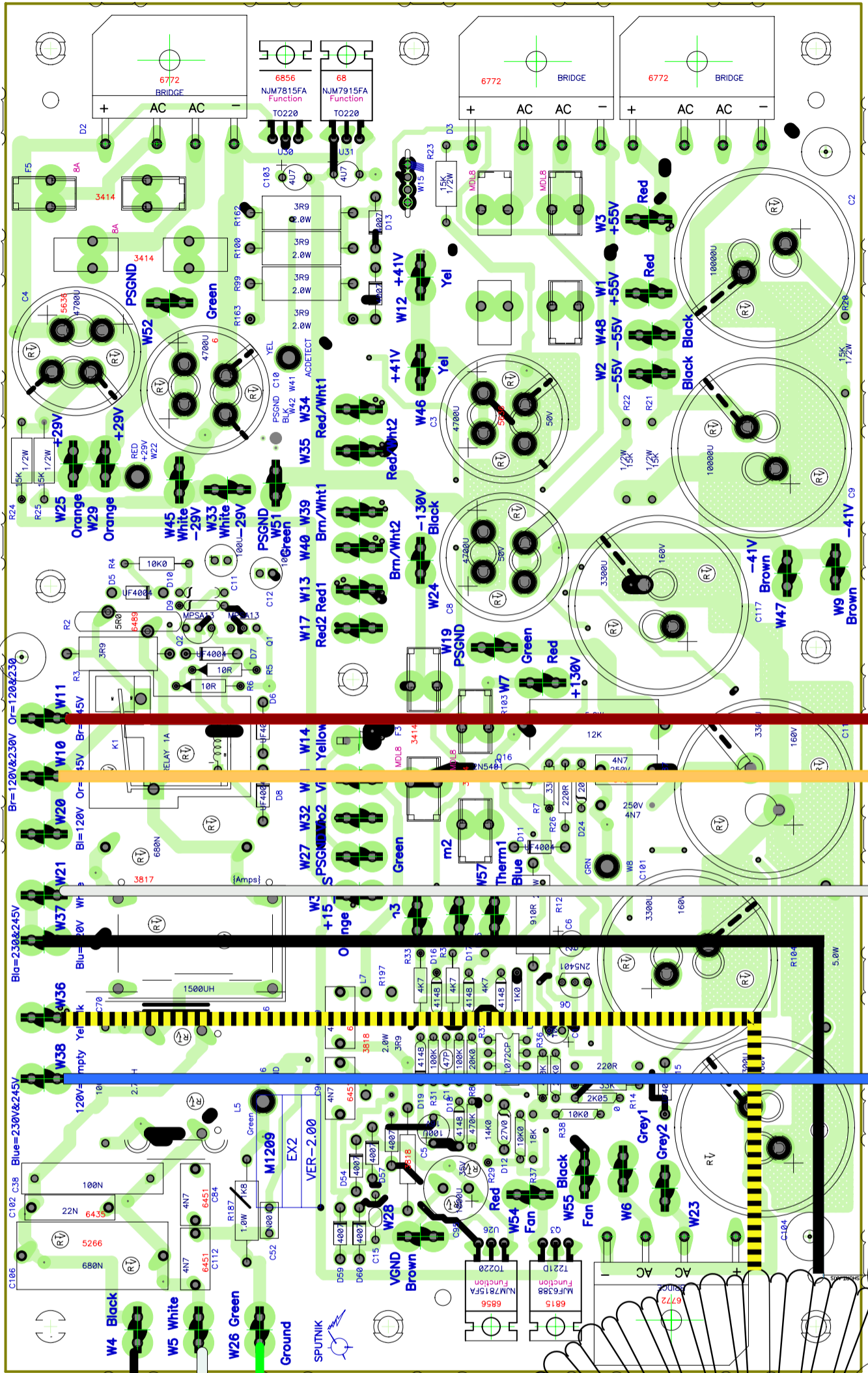
Top M1209 v2.00

60.Sv v2.00 M1209

60.Sv v2.00

60.Sv v2.00 M1209





Layers for wires

ROUTE GAGE  
0.017HOLE

BlankSize - 11650x7650

EX2

245VAC CE  
PRIMARY WIRING

BRN

ORN

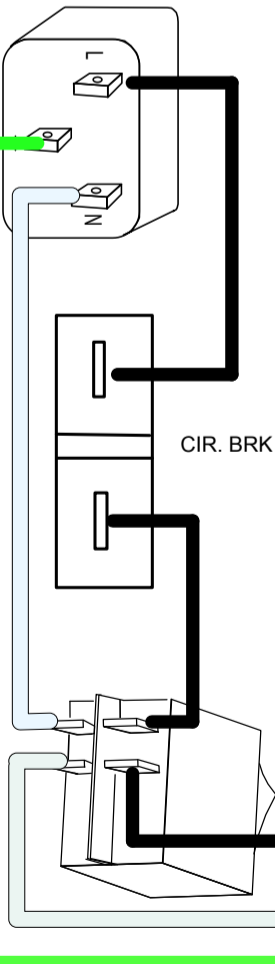
N/C

WHT

BLK

YEL/BLK

BLUE



WHITE

GREEN

CH1334U



EX2

120V NA

PRIMARY WIRING

Top M1209 v2.00

M1209 v2.00

ORN

BRN

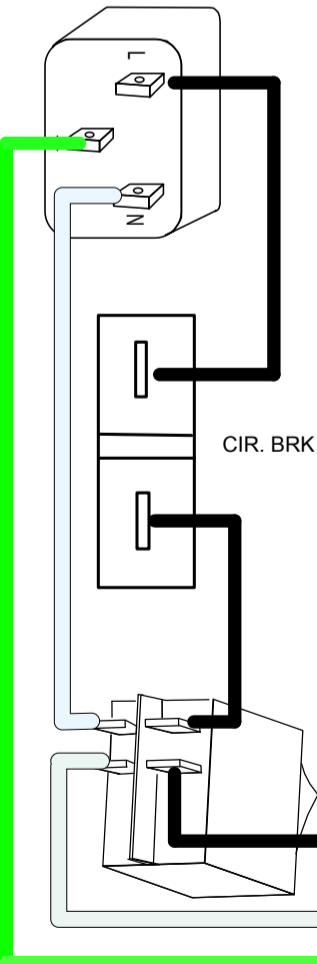
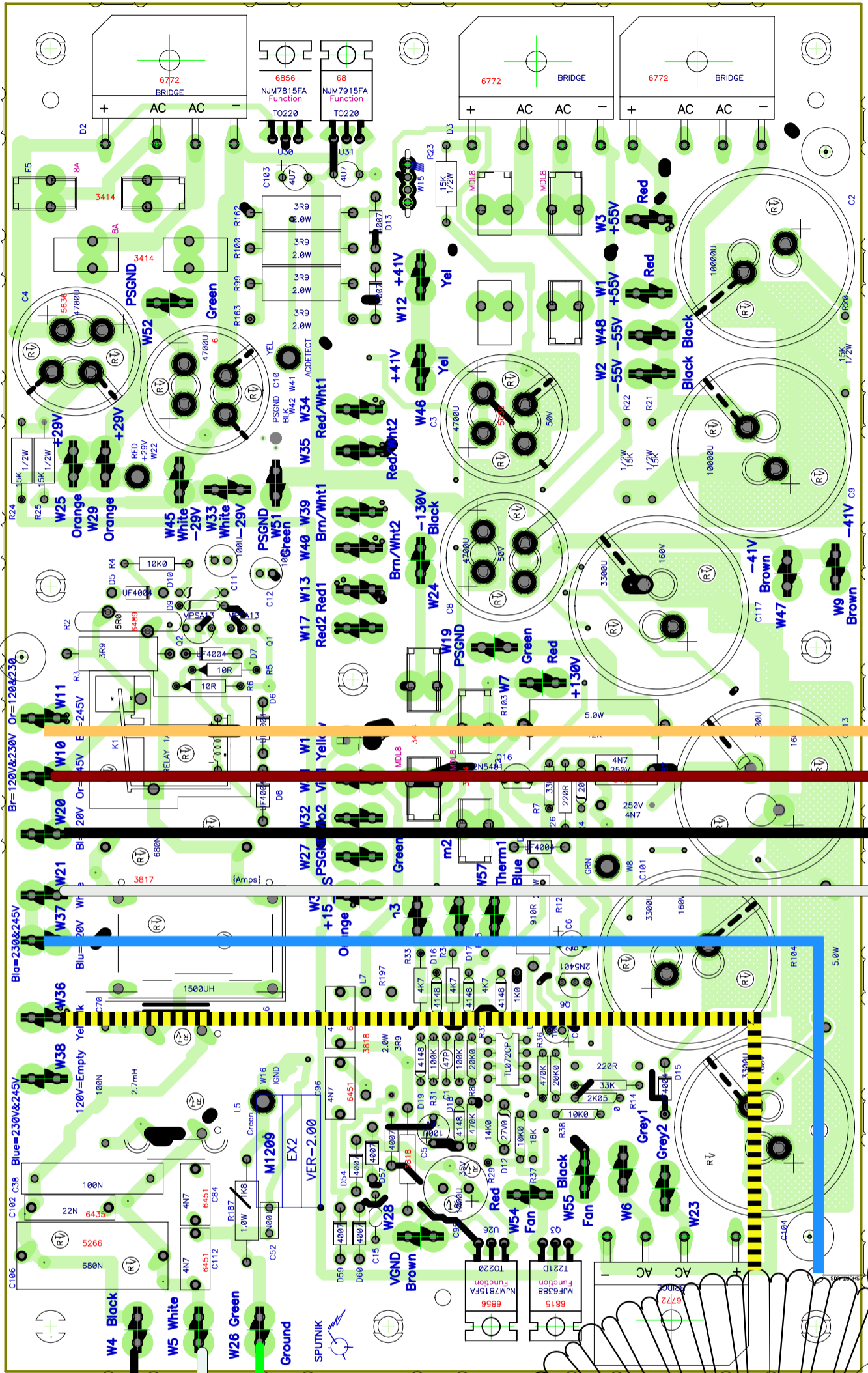
BLK

WHT

BLUE

YEL/BLK

NC



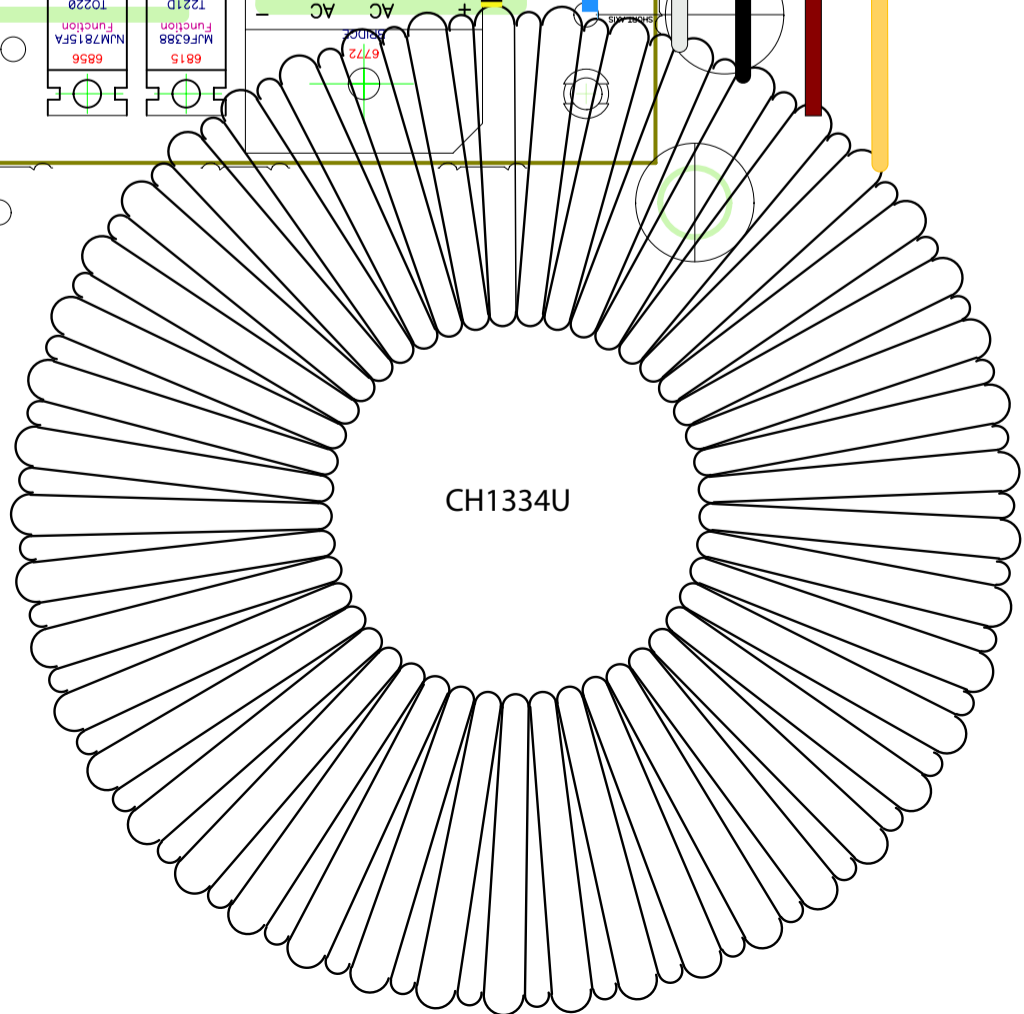
WHITE

GREEN

BlankSize - 11650x7650

ROUTE GAGE 0.017/HOLE

Layers for wires



CH1334U







M1206 SPEAKON INPUT BREAKAWAY

RED  
BLACK  
FROM FAN

YELLOW

BLACK

M1206 LEFT SAT.

GREY RIBBON TO M1206 LEFT SAT.

M1209 POWER SUPPLY

M1207 INPUT PCB

M1206 RIGHT SAT.

GREY RIBBON TO M1207

WOOFER

BLUE

RED

BLACK  
ORANGE  
GREY RIBBON

M1206 TO M1210

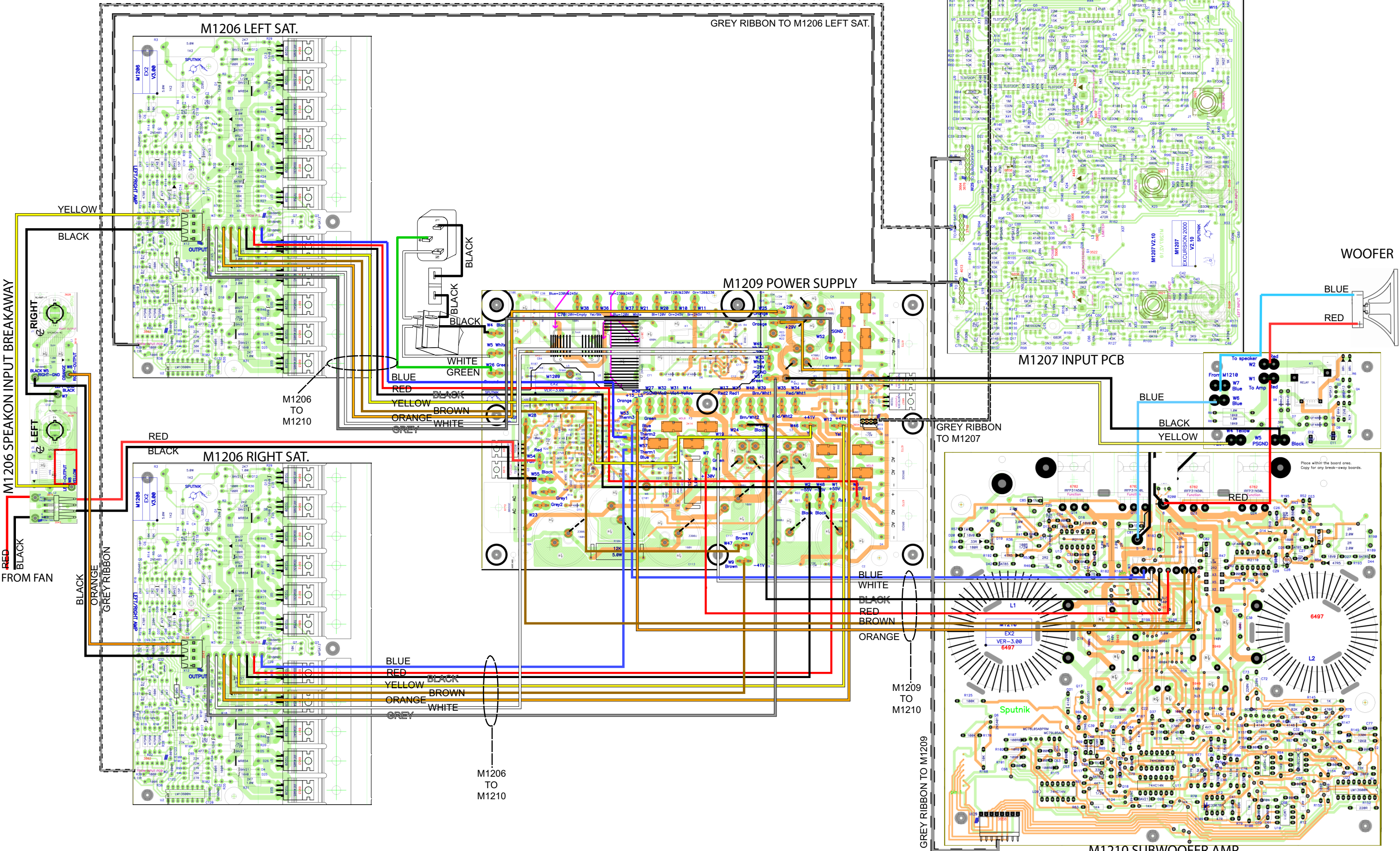
BLUE  
RED  
YELLOW  
BLACK  
ORANGE  
BROWN  
WHITE  
GREY

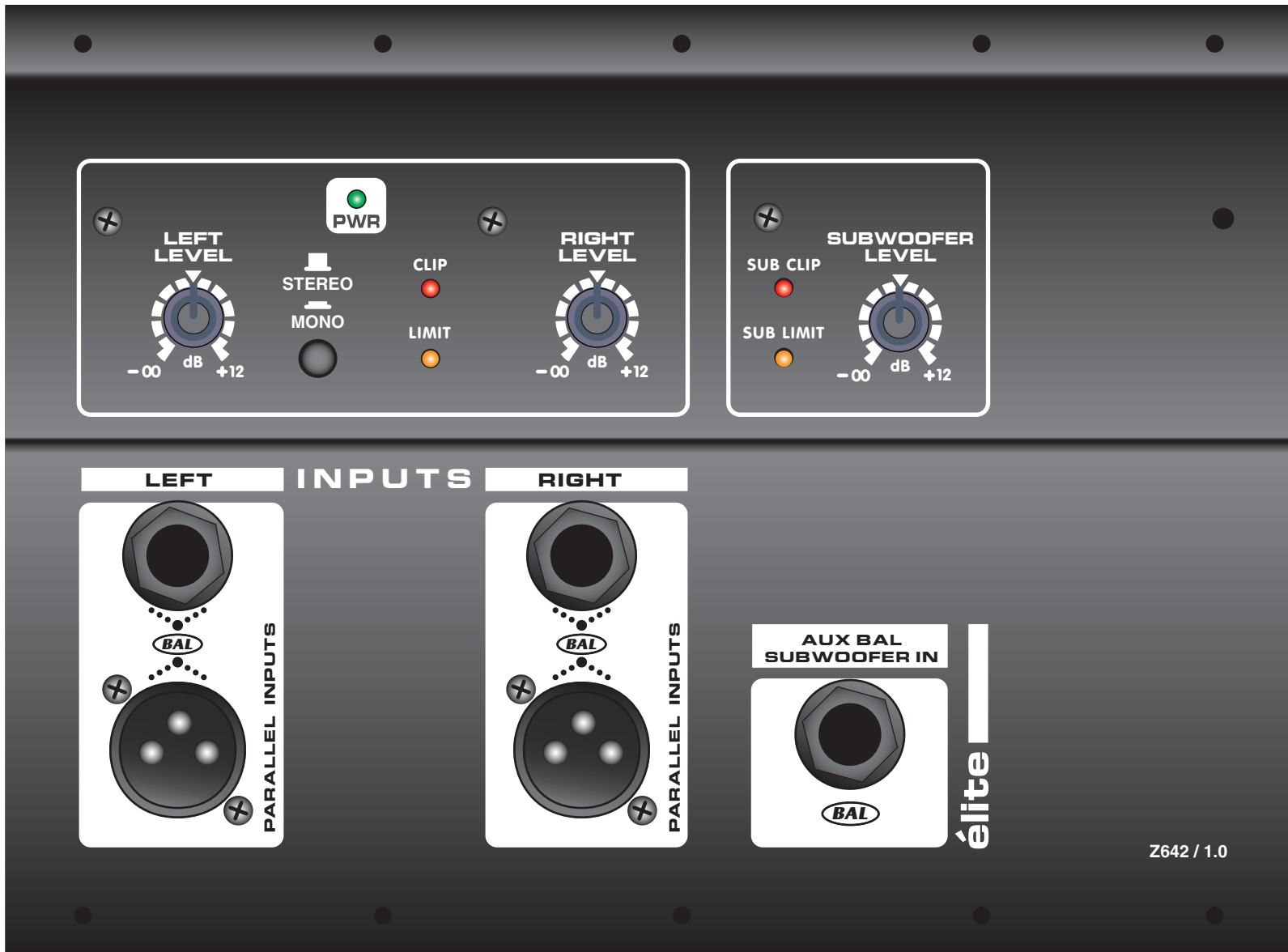
M1206 TO M1210

M1209 TO M1210

GREY RIBBON TO M1209

M1210 SUBWOOFER AMP





Z642 / 1.0

TOP FOLDED VIEW



YS#9916 Gray Knob (qty: 3)