



**WEB:** [www.yorkville.com](http://www.yorkville.com)

#### **WORLD HEADQUARTERS**

##### **CANADA**

**Yorkville Sound Limited**  
550 Granite Court  
Pickering, Ontario  
L1W 3Y8 CANADA

Voice: 905-837-8481  
Fax: 905-839-5776

##### **U.S.A.**

**Yorkville Sound Inc.**  
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Niagara Falls, New York  
14305, USA

Voice: 716-297-2920  
Fax: 716-297-3689

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



# ***SERVICE MANUAL***

## ***Traynor*** ***BassMaster 12 MOBILE*** ***BassMaster 15***

#### **SMT Disclaimer**

Due to the complex nature of the use of SMT installed components in Yorkville equipment, we highly caution all service technicians in attempting to repair or replace SMT factory installed components.

Many of these components may be glued prior to initial soldering.

**Replacing SMT components requires expensive specialized de-soldering equipment and training.**

Yorkville Sound will repair and replace defective SMT components to ensure proper quality assurance and installation is maintained.





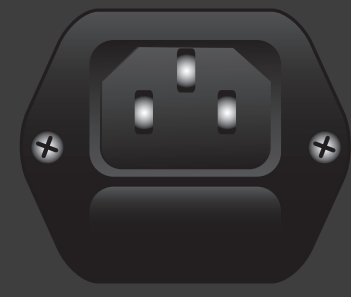
**CAUTION • AVIS**  
 RISK OF ELECTRIC SHOCK  
 DO NOT OPEN  
 RISQUE DE CHOC ELECTRIQUE  
 NE PAS OUVRIR

DISCONNECT POWER BEFORE SERVICING!  
 DEBRANCHER L'APPAREIL AVANT  
 D'ENLEVER LES COUVERCLES!

NO USER SERVICEABLE PARTS INSIDE.  
 NE CONTIENT AUCUNE PIECE REPARABLE  
 PAR L'UTILISATEUR.



**THIS UNIT CAN BE OPERATED  
 WHILE CHARGING**  
 120/240V ~  
 50/60Hz 1.25/0.7A



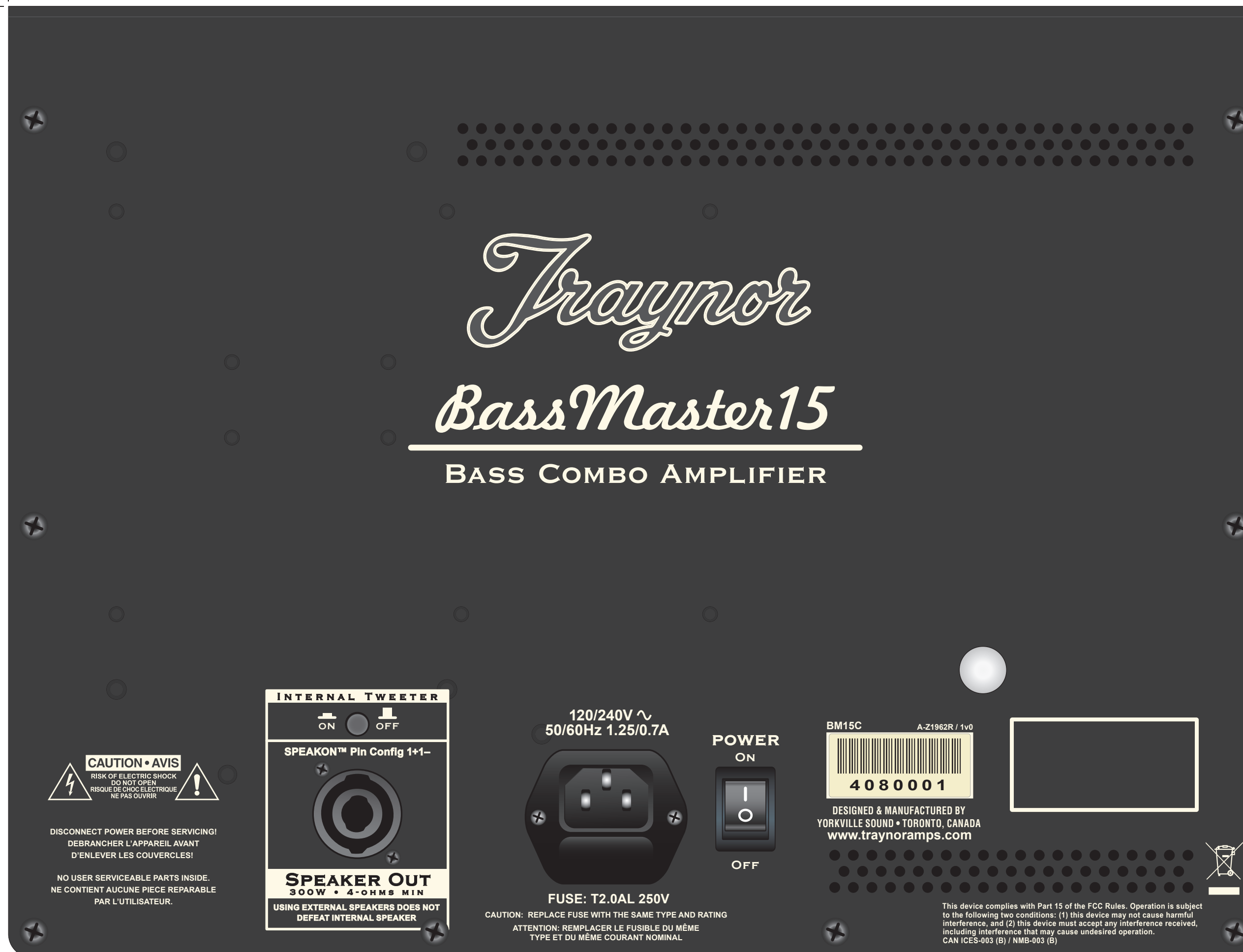
**FUSE: T2.0AL 250V**  
 CAUTION: REPLACE FUSE WITH THE SAME TYPE AND RATING  
 ATTENTION: REMPLACER LE FUSIBLE DU MEME  
 TYPE ET DU MEME COURANT NOMINAL

BM12MOBILE A-Z1961R/1v1

4080001

DESIGNED & MANUFACTURED BY  
 YORKVILLE SOUND • TORONTO, CANADA  
 www.traynoramps.com

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.  
 CAN ICES-003 (B) / NMB-003 (B)



**CAUTION • AVIS**  
 RISK OF ELECTRIC SHOCK  
 DO NOT OPEN  
 RISQUE DE CHOC ELECTRIQUE  
 NE PAS OUVRIR

DISCONNECT POWER BEFORE SERVICING!  
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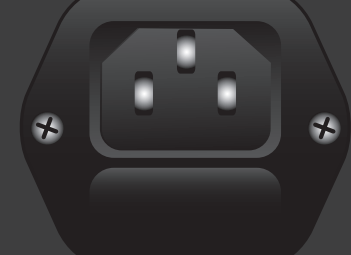
**INTERNAL TWEETER**  
 ON OFF

**SPEAKON™** Pin Config 1+1-

**SPEAKER OUT**  
 300W • 4-OHMS MIN

USING EXTERNAL SPEAKERS DOES NOT  
 DEFEAT INTERNAL SPEAKER.

120/240V ~  
 50/60Hz 1.25/0.7A



FUSE: T2.0AL 250V

CAUTION: REPLACE FUSE WITH THE SAME TYPE AND RATING  
 ATTENTION: REMPLACER LE FUSIBLE DU MEME  
 TYPE ET DU MEME COURANT NOMINAL

**POWER**  
 ON  
 OFF

BM15C A-Z1962R / 1v0



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[www.traynoramps.com](http://www.traynoramps.com)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.  
 CAN ICES-003 (B) / NMB-003 (B)

**Specifications**

<b>Model:</b>	BM12MOBILE	BM15C
<b>Type:</b>	Bass Combo	Bass Combo
<b>Cabinet Impedance (ohms):</b>	4	3
<b>Power @ cabinet impedance (watts):</b>	350 (80 watts on battery)	450
<b>Minimum Impedance (ohms):</b>	2	2
<b>Max Power (watts):</b>	600 (120 watts on battery)	600
<b>Speaker Configuration - LF (Size / Power):</b>	12-inch / 350	15-inch / 450
<b>Speaker Configuration - HF (Size / Power):</b>	3-inch horn / 40	3-inch horn / 40
<b>Input Channels:</b>	1	1
<b>Channel 1 - inputs:</b>	passive 0 dB, active -6 dB	passive 0 dB, active -6 dB
<b>Channel 1 - controls:</b>	Gain, Drive, Bass, Low Mid, High Mid, Treble, Master	Gain, Drive, Bass, Low Mid, High Mid, Treble, Master
<b>Channel 1 - switches:</b>	Deep, Bright, Gnd Lift, Line Out Pre/Post	Deep, Bright, Gnd Lift, Line Out Pre/Post EQ
<b>Master Volume Control:</b>	Yes	Yes
<b>Line Out (type / configuration):</b>	Balanced Switchable Pre-EQ/Post-EQ, Ground Lift switch	Balanced Switchable Pre-EQ/Post-EQ, Ground Lift switch
<b>Line Out Sensitivity (Vrms):</b>	1 Vrms	1 Vrms
<b>Effects Loop / Location:</b>	Yes / On control panel	Yes / On control panel
<b>LED Indicators:</b>	red charging/grn fully charged, grn Battery charge level, yel limit	grn power on, yel limit
<b>Protection:</b>	clip,thermal, overcurrent	clip,thermal, overcurrent
<b>Limiter / Switchable:</b>	Yes, Non switchable	Yes, Non switchable
<b>External speaker output / location:</b>	Combi 1/4-inch-Speakon™ / rear of unit	Combi 1/4-inch-Speakon™ / rear of unit
<b>Headphone Jack:</b>	Yes	Yes
<b>Other Features:</b>	1/8-inch head phone jack, 1/8-inch aux in 1/4-inch EFX Loop	1/8-inch head phone jack, 1/8-inch aux in 1/4-inch EFX Loop
<b>Power Consumption while charging (watts)</b>	32 (battery fully discharged and unit idle)	N/A
<b>Dimensions (DWH, inches):</b>	11.5 x 19.8 x 20	13.1 x 22.5 x 23
<b>Dimensions (DWH, cm):</b>	29 x 50 x 51	33 x 56 x 59
<b>Weight (lbs / kg):</b>	32 / 14,5	38 / 17.25

*Specifications subject to change without notice*

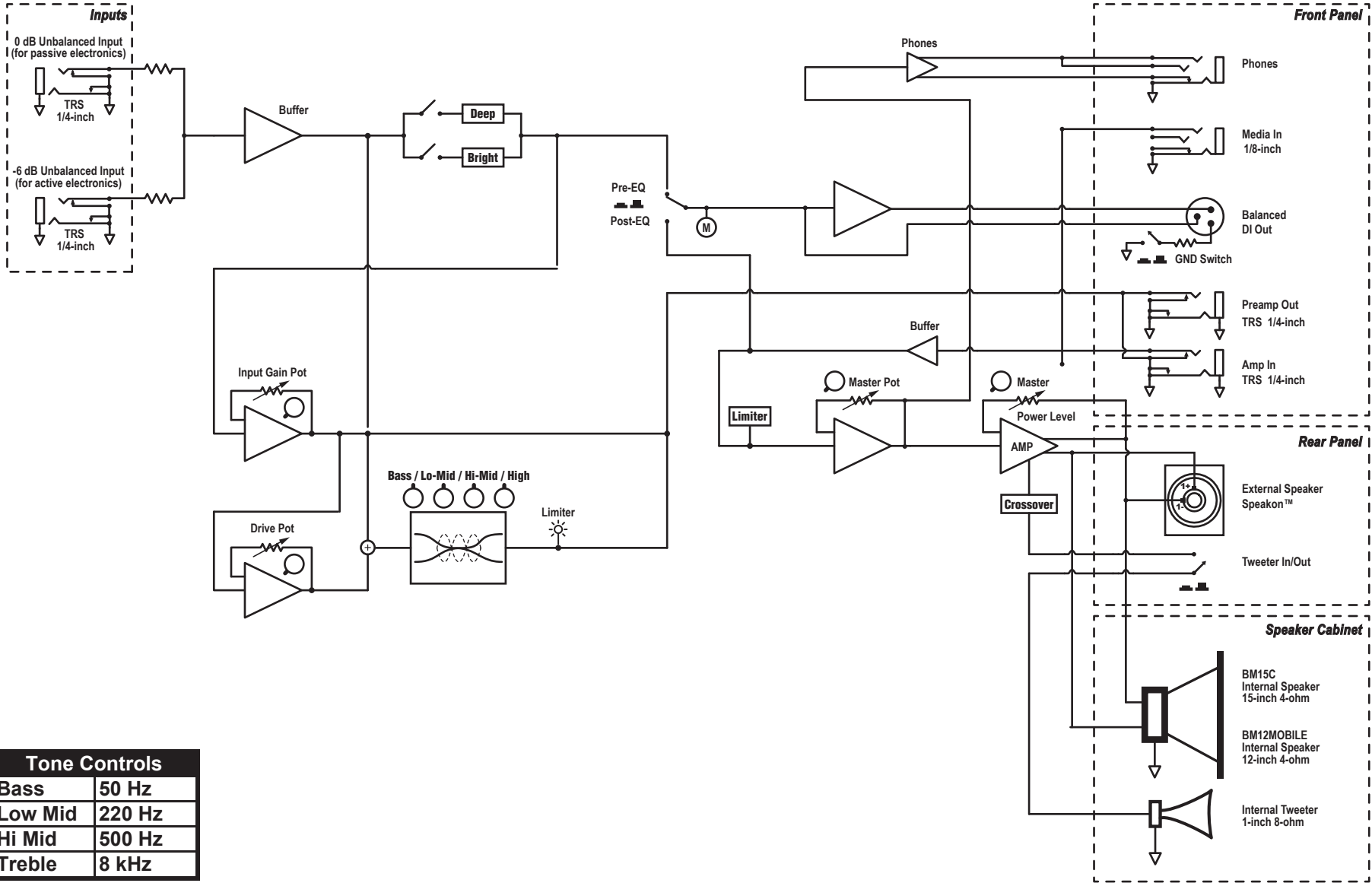
### Spécifications

	Modèle BM12MOBILE	Modèle BM15C
Type:	ampli pour basse	ampli pour basse
Impédance d'Enceinte (ohms):	4	3
Puissance @ min. impédance (watts):	350 (80 watts en mode batterie)	450
Impédance Minimum (ohms):	2	2
Puissance maximale (watts) :	600 (120 watts en mode batterie)	600
Configuration des enceintes - LF (Taille / Puissance) :	12-pouce / 350	15-pouce / 450
Configuration des enceintes - HF (Taille / Puissance) :	3-pouces klaxon / 40	3-pouces klaxon / 40
Canaux d'entrée:	1	1
Canal 1 - entrées:	passive 0 dB, active -6 dB	passive 0 dB, active -6 dB
Canal 1 - contrôles :	Gain, Drive, Bass, Low Mid, High Mid, Treble, Master	Gain, Drive, Bass, Low Mid, High Mid, Treble, Master
Canal 1 - commutateurs :	Deep, Bright, Gnd Lift, Line Out Pre/Post EQ	Deep, Bright, Gnd Lift, Line Out Pre/Post EQ
Contrôle du volume principal :	Oui	Oui
Sortie ligne (type / configuration) :	Symétrique commutable Pré-EQ/Post-EQ, sélecteur Ground Lift	Symétrique commutable Pré-EQ/Post-EQ, sélecteur Ground Lift
Sensibilité de sortie de ligne (Vrms) :	1 Vrms	1 Vrms
Boucle d'effets/emplacement :	oui / sur le panneau de controle	oui / sur le panneau de controle
Indicateurs LED :	rouge charge/vert pleine charge, vert etat de charge, jaune limit	Vert alimente, jaune limit
Protection:	clip, thermique, surcharge de courant	clip, thermique, surcharge de courant
Limiteur / Commutable :	Oui, Non commutable	Oui, Non commutable
Sortie/emplacement du haut-parleur externe :	Prise Combi 1/4-pouce- Speakon™ / arrière de l'appareil	Prise Combi 1/4-pouce-Speakon™ / arrière de l'appareil
Prise Casque	Oui	Oui
Autres Caractéristiques:	prise pour casque 1/8-pouce , entrée aux 1/8-pouce boucle pour EFX 1/4-pouce	prise pour casque 1/8-pouce , entrée aux 1/8-pouce boucle pour EFX 1/4-pouce
<b>Consommation pendant la charge (watts)</b>	32 (batterie complètement déchargée et au repos)	N/A
Dimensions (PLH, pouces):	11.5 x 19.8 x 20	13.1 x 22.5 x 23
Dimensions (PLH, cm):	29 x 50 x 51	33 x 56 x 59
Poids (livres / kg):	32 / 14,5	38 / 17.25

*Spécifications sujettes à changement sans préavis*

# Block Diagram for Bassmaster BM12Mobile & BM15C

DESIGNED AND MANUFACTURED BY YORKVILLE SOUND



Tone Controls	
Bass	50 Hz
Low Mid	220 Hz
Hi Mid	500 Hz
Treble	8 kHz

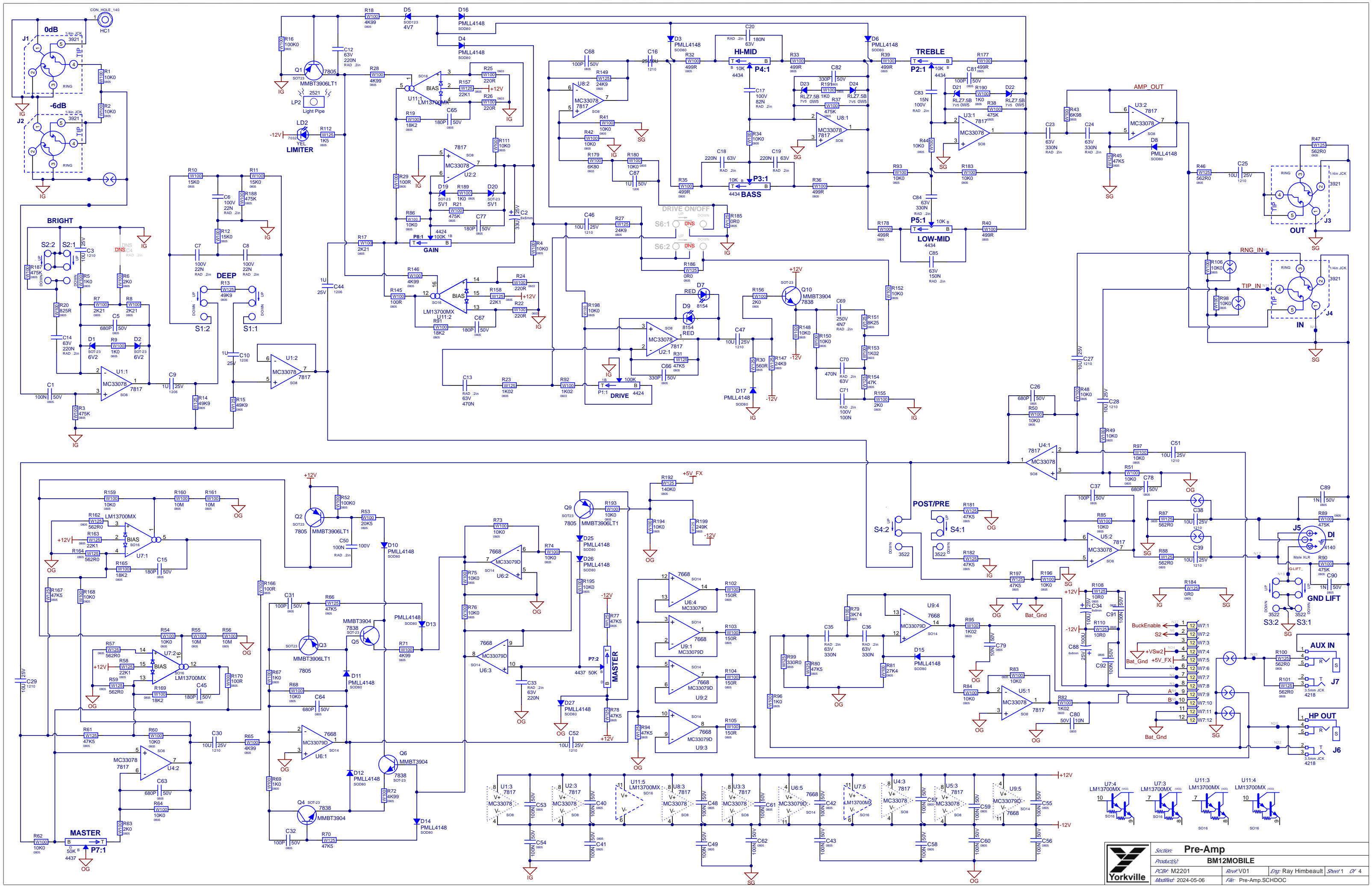


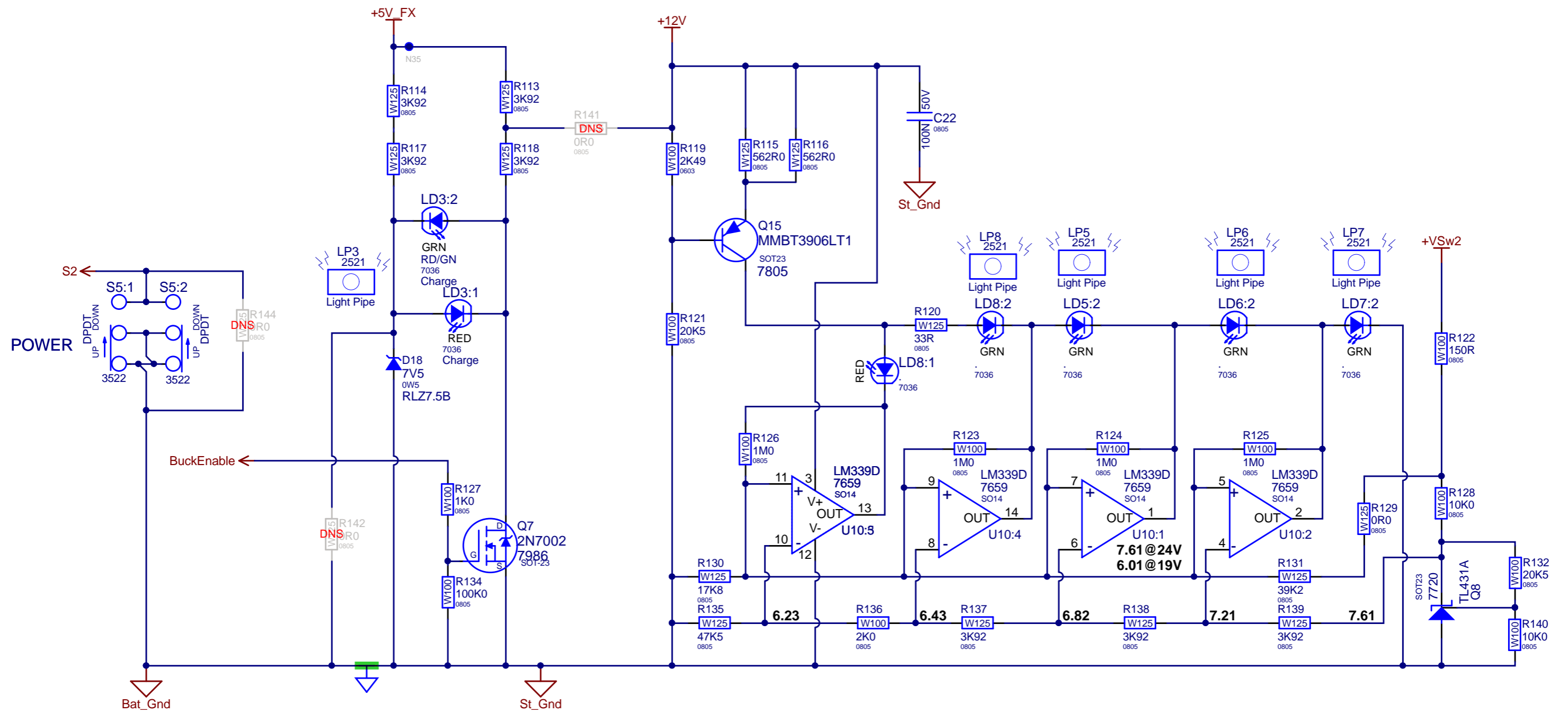




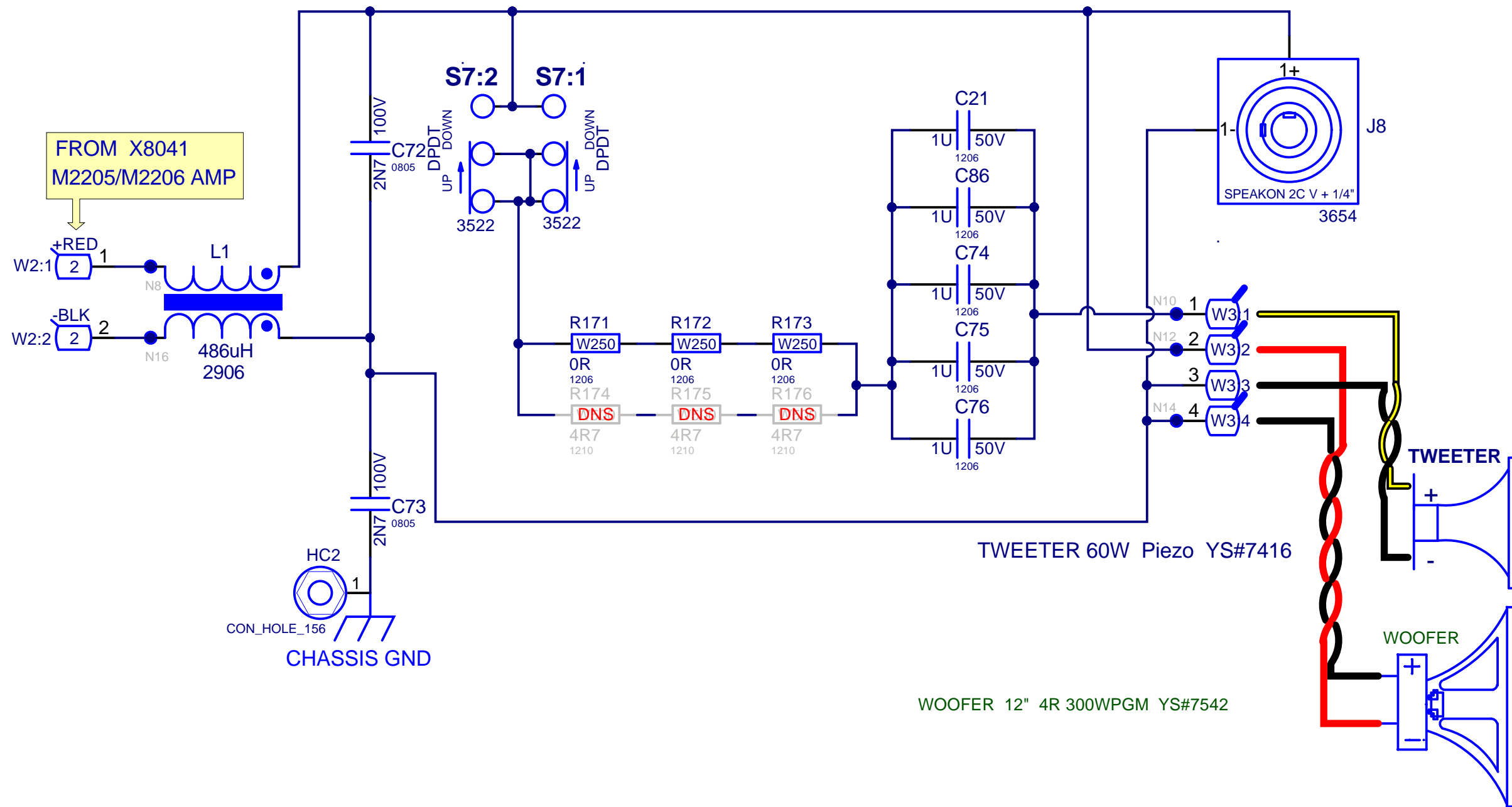








Section:		<b>Battery Status</b>			
Product(s):		<b>BM12MOBILE</b>			
PCB#:	M2201	Rev#:	V01	EML Rev#:	XX
Modified:	2024-05-06	File:	Battery Status.SchDoc	Sheet	2 Of 4
				Temp Rev:	V032



Section: **Output**

Product(s): **BM12MOBILE**

PCB#: M2201

Rev#: V01

Eng: Ray Himbeault

Sheet 3 Of 4

Modified: 2024-03-11

File: Output.SchDoc

# DESIGN HISTORY AND INFORMATION

## CHANGE HISTORY

**M2201 V01**

#	DATE	VER#	PC#	DESCRIPTION OF CHANGE
1	March-11-2024	V01	.	Released for Production
2	.	.	.	.
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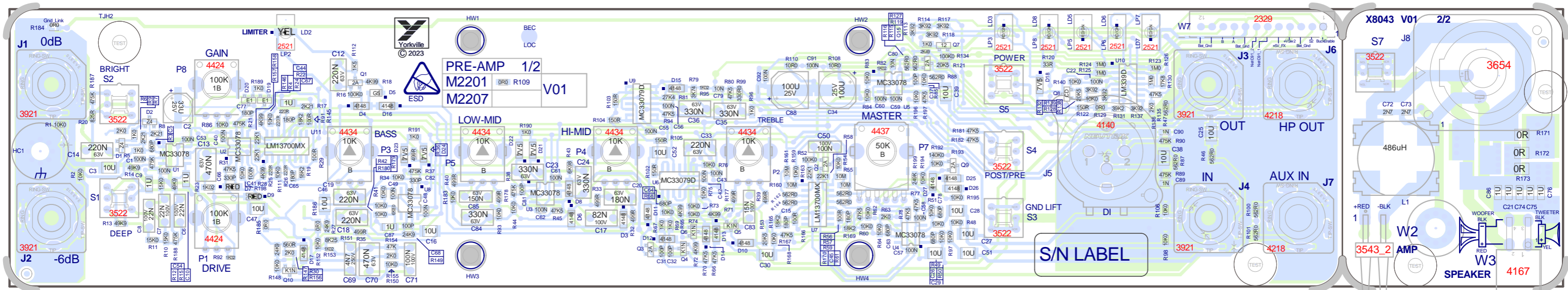
  

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POTENTIOMETERS/SWITCHES AND KNOBS				
REF	FUNCTION	POT/SW YS#	STYLE	KNOB#
P1	DRIVE	4424	P32	.
P2	TREBLE	4434	P32	.
P3	BASS	4434	P32	.
P4	HI-MID	4434	P32	.
P5	LOW-MID	4434	P32	.
P7	MASTER	4437	P34	.
P8	GAIN	4424	P32	.
.	.	.	.	.
S1	DEEP	3522	.	.
S2	BRIGHT	3522	.	.
S3	GND LIFT	3522	.	.
S4	POST/PRE	3522	.	.
S5	POWER	3522	.	.

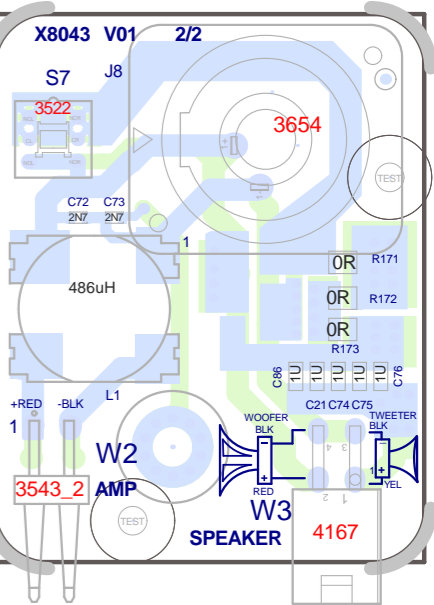
POTENTIOMETERS/SWITCHES AND KNOBS				
REF	FUNCTION	POT/SW YS#	STYLE	KNOB#
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S7	TWEETER ON/OFF	3436	.	.
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THIS SHEET CONTAINS A CHANGE HISTORY LOG, A LIST OF THE POTS & KNOBS AND A LEADS & PINS REFERENCE SECTION.



M2201 V01

BM12MOBILE





# PCB ASSEMBLY DOCUMENTATION

## SPECIAL PRODUCTION NOTES

- 1) Ensure all hand placed parts are flush mounted.
- 2) Wave solder Jig is required for this pcb to align Jacks, Pot, and Switches.

## PCB HARDWARE

THIS SHEET CONTAINS SPECIAL PRODUCTION NOTES AND A LIST OF PCB HARDWARE PARTS REQUIRED FOR THE BUILD.



# DESIGN HISTORY AND INFORMATION

## CHANGE HISTORY

**M2201 V01**

#	DATE	VER#	PC#	DESCRIPTION OF CHANGE
1	March-11-2024	V01	.	Released for Production
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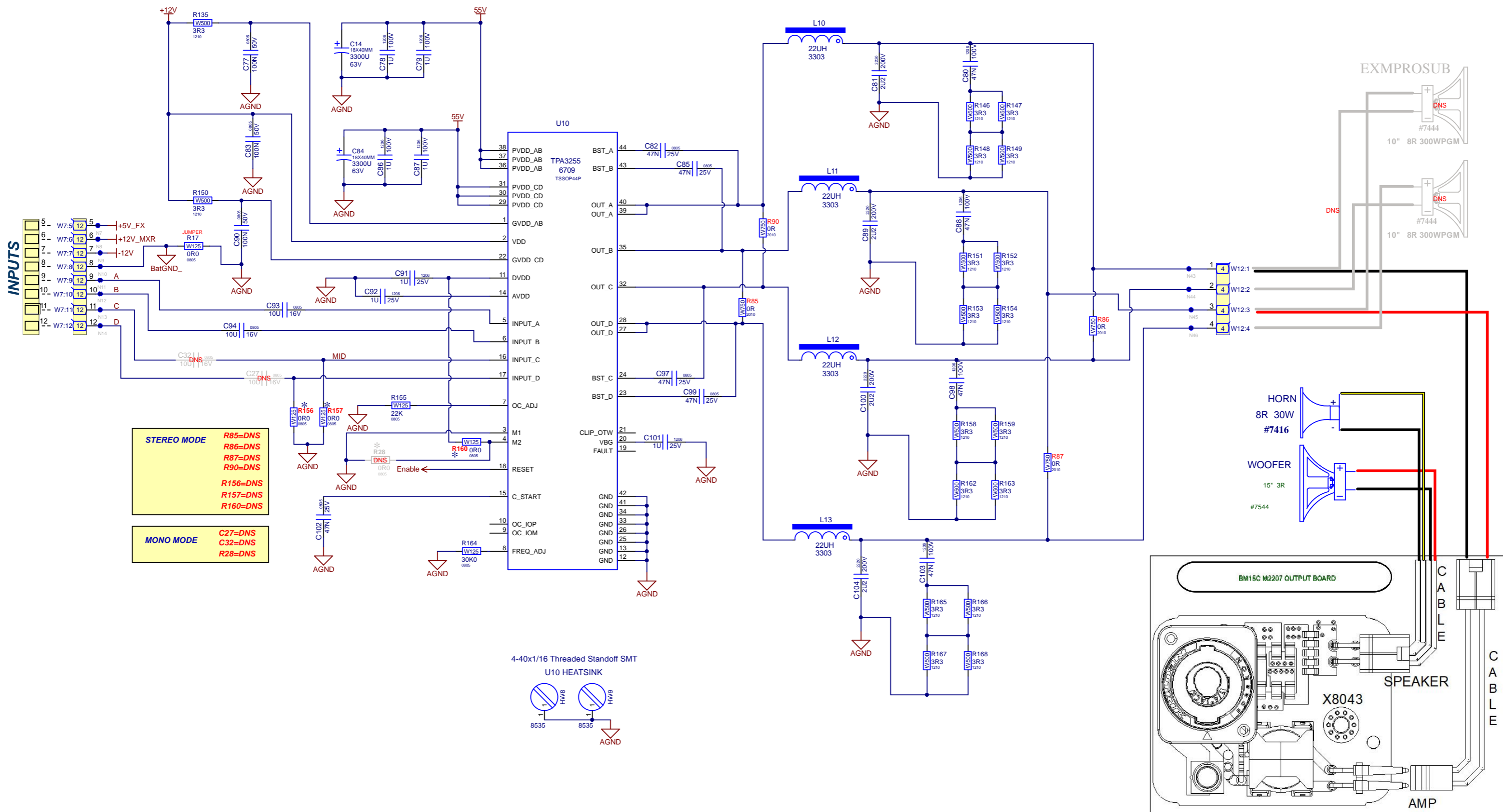
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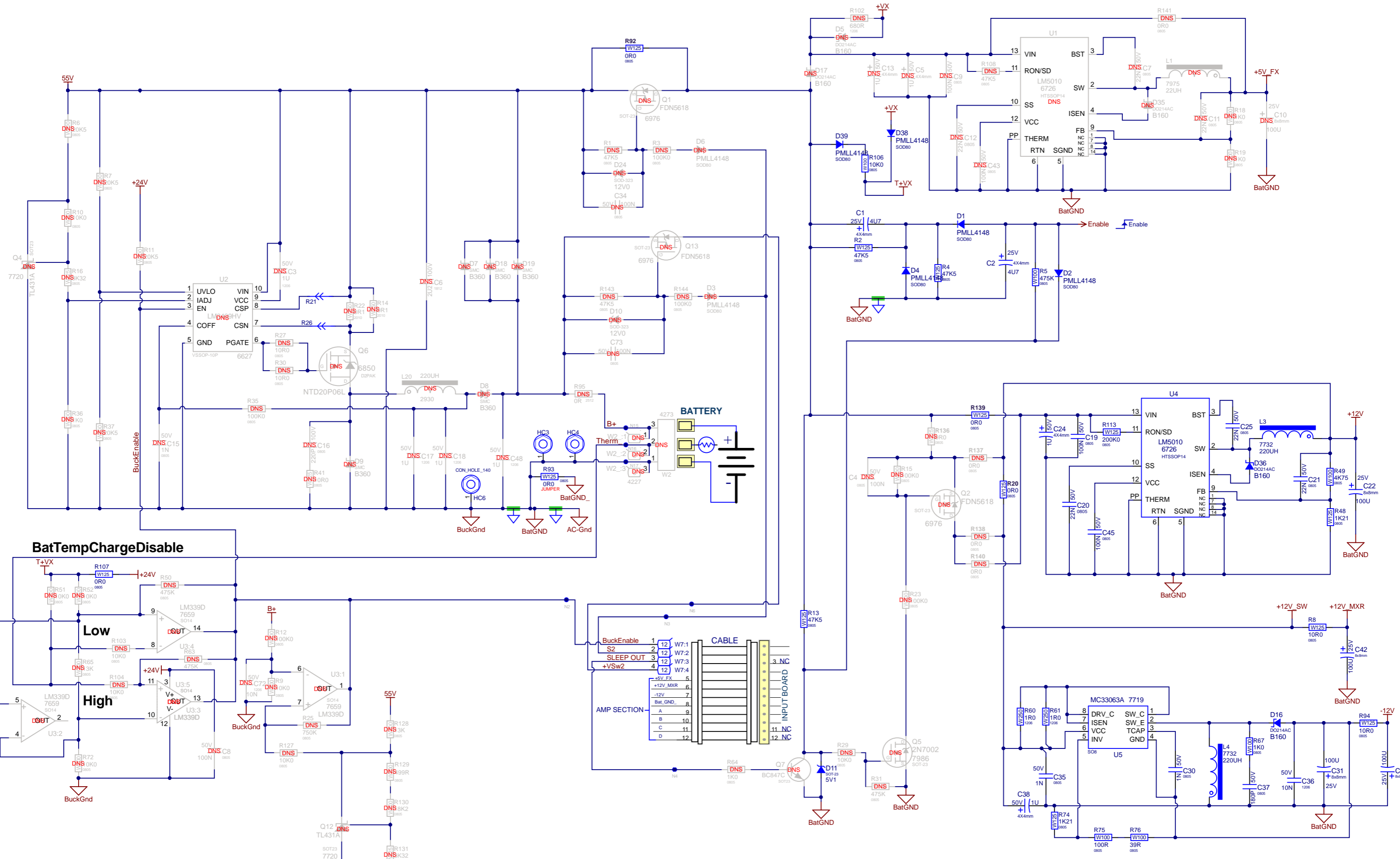
POTENTIOMETERS/SWITCHES AND KNOBS				
REF	FUNCTION	POT/SW YS#	STYLE	KNOB#
P1	DRIVE	4424	P32	.
P2	TREBLE	4434	P32	.
P3	BASS	4434	P32	.
P4	HI-MID	4434	P32	.
P5	LOW-MID	4434	P32	.
P7	MASTER	4437	P34	.
P8	GAIN	4424	P32	.
.	.	.	.	.
S1	DEEP	3522	.	.
S2	BRIGHT	3522	.	.
S3	GND LIFT	3522	.	.
S4	POST/PRE	3522	.	.
S5	POWER	3522	.	.

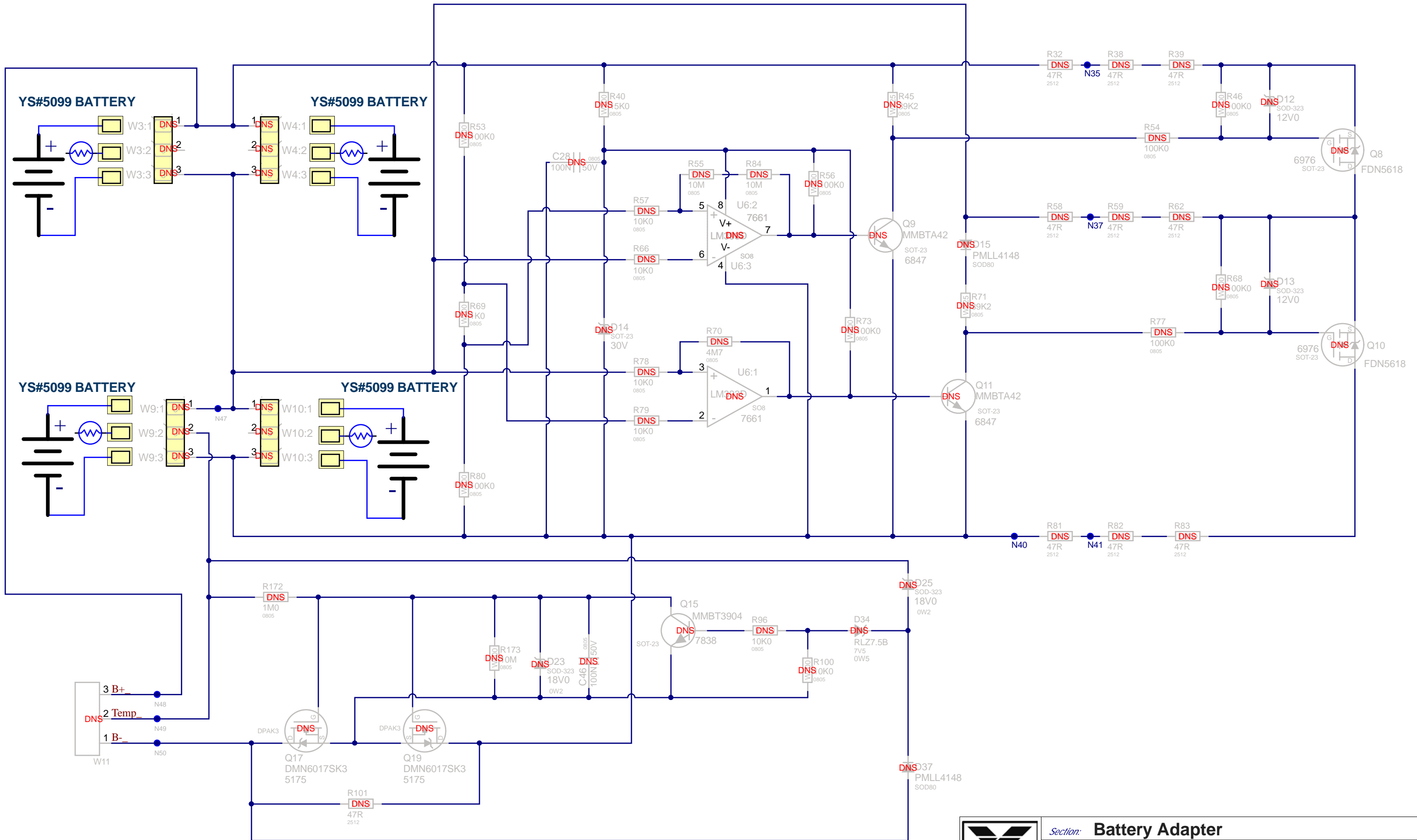
POTENTIOMETERS/SWITCHES AND KNOBS				
REF	FUNCTION	POT/SW YS#	STYLE	KNOB#
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S7	TWEETER ON/OFF	3436	.	.
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THIS SHEET CONTAINS A CHANGE HISTORY LOG, A LIST OF THE POTS & KNOBS AND A LEADS & PINS REFERENCE SECTION.

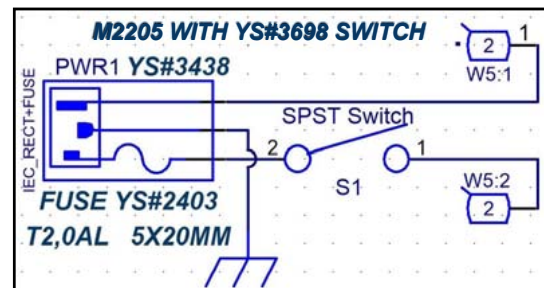
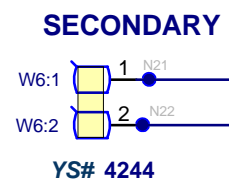
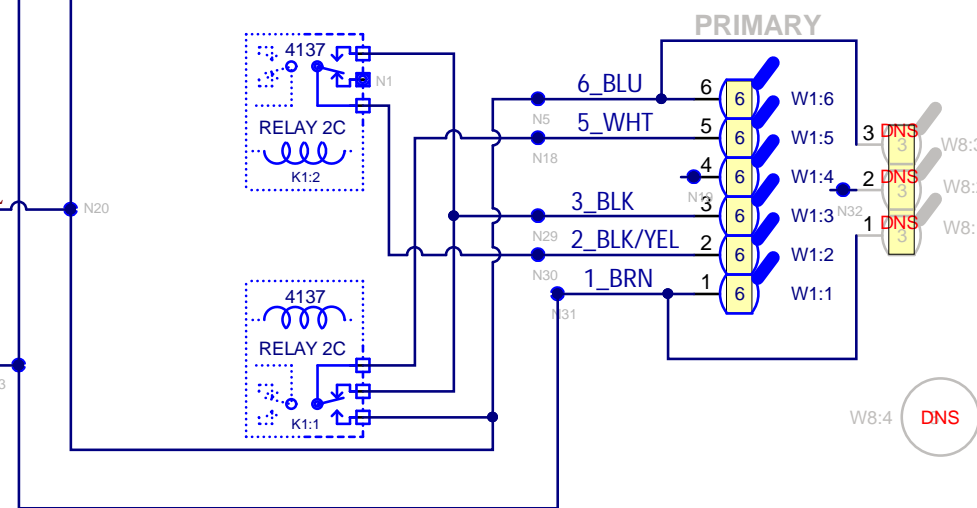
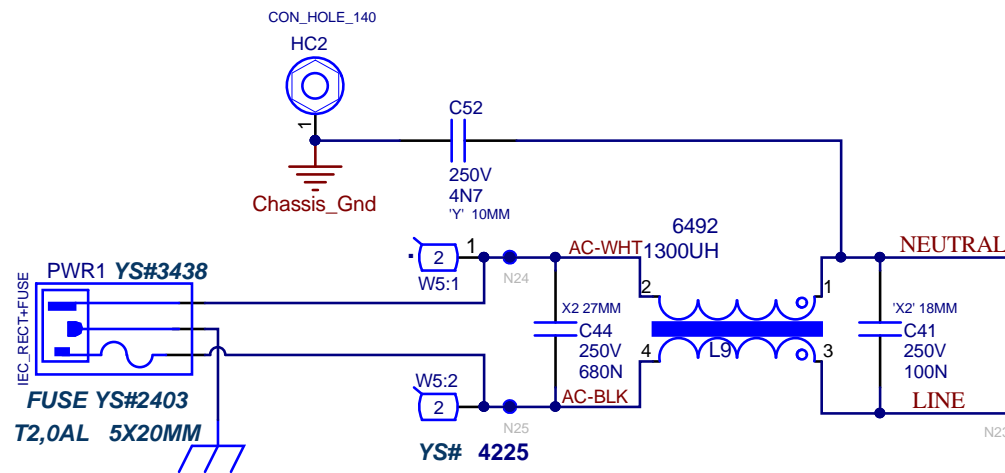
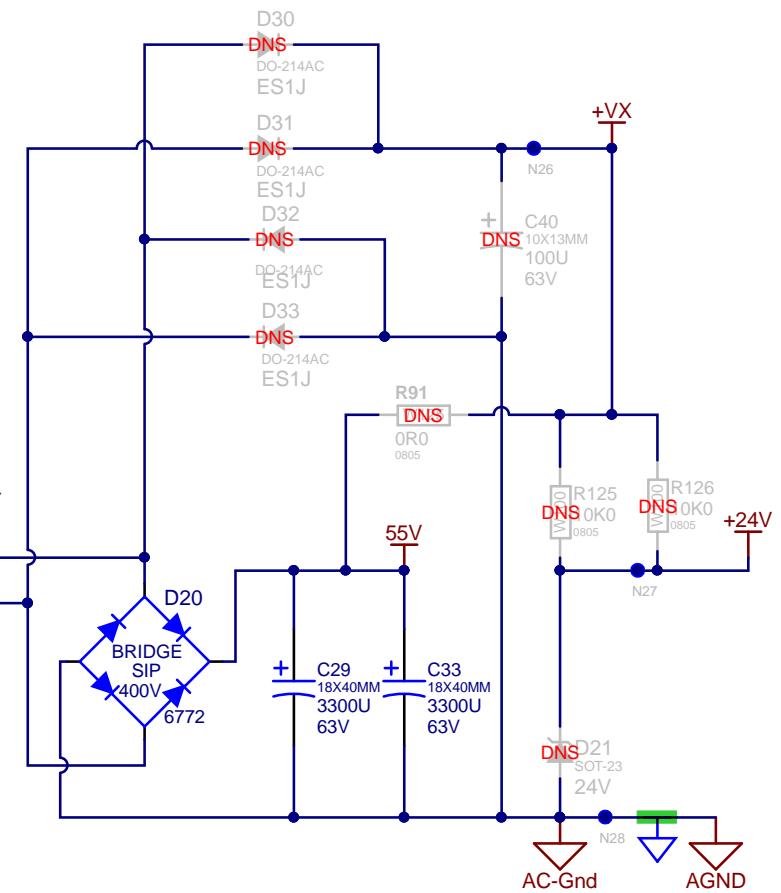
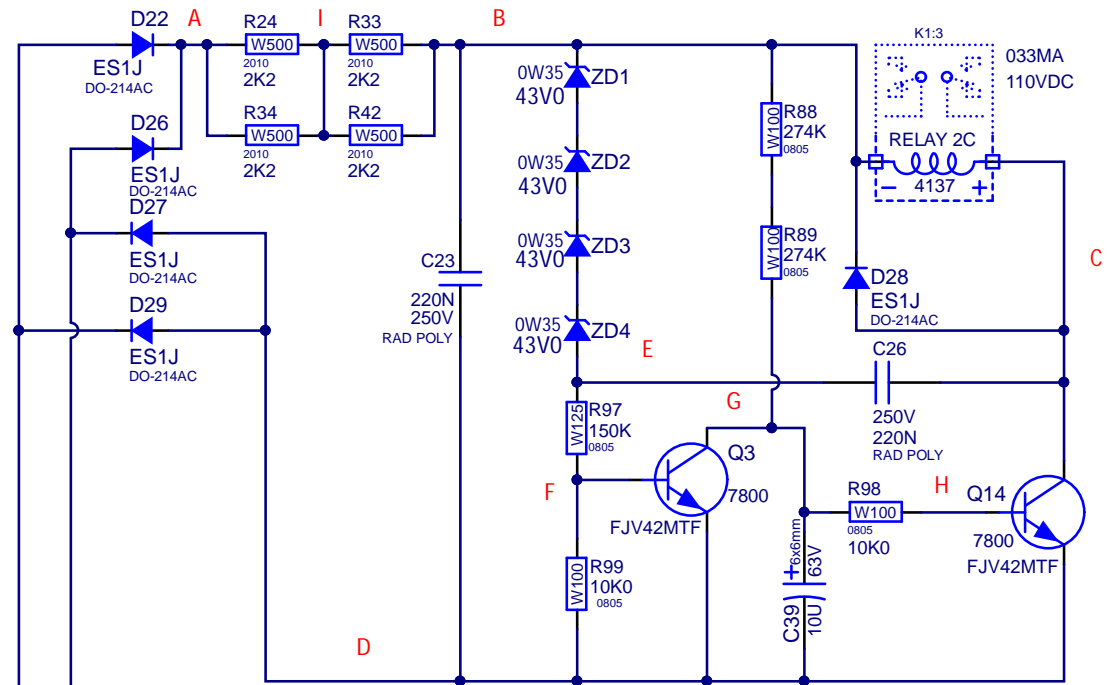
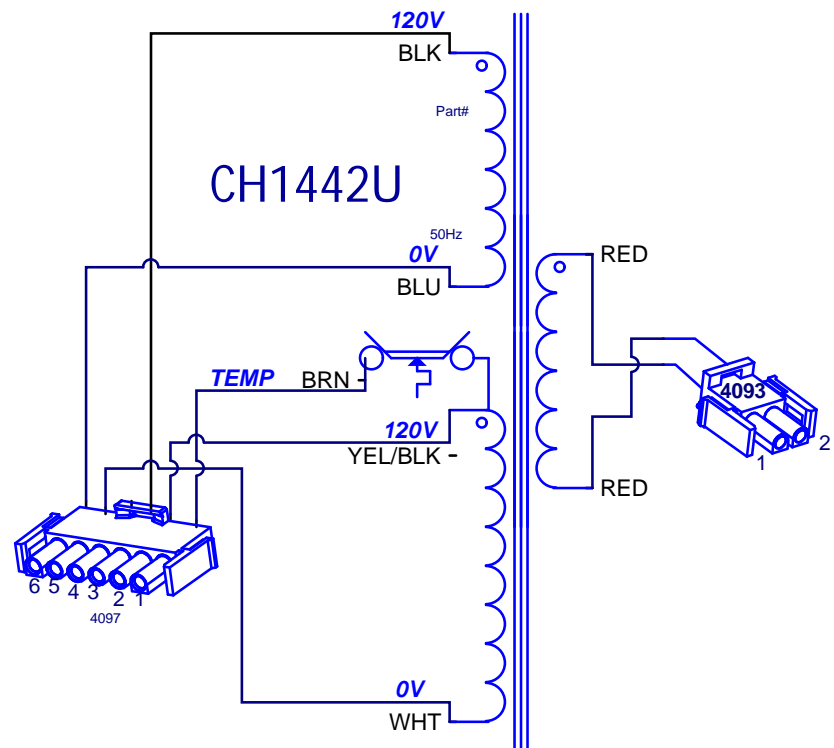








<b>Section: Battery Adapter</b>			
<b>Product(s): BM15C</b>			
PCB#: M2205	Rev#: V03	Eng: RH	Sheet 3 Of 5
Modified: 2024-04-02	File: Battery Adapter.SchDoc		



Section: **PowerSupply**

Product(s): **BM15C**

PCB#: M2205

Rev#: V03

Eng: RH

Sheet 4 Of 5

Modified: 2024-04-02

File: PowerSupply.SchDoc

# DESIGN HISTORY AND INFORMATION

## CHANGE HISTORY

**M2205 V03**

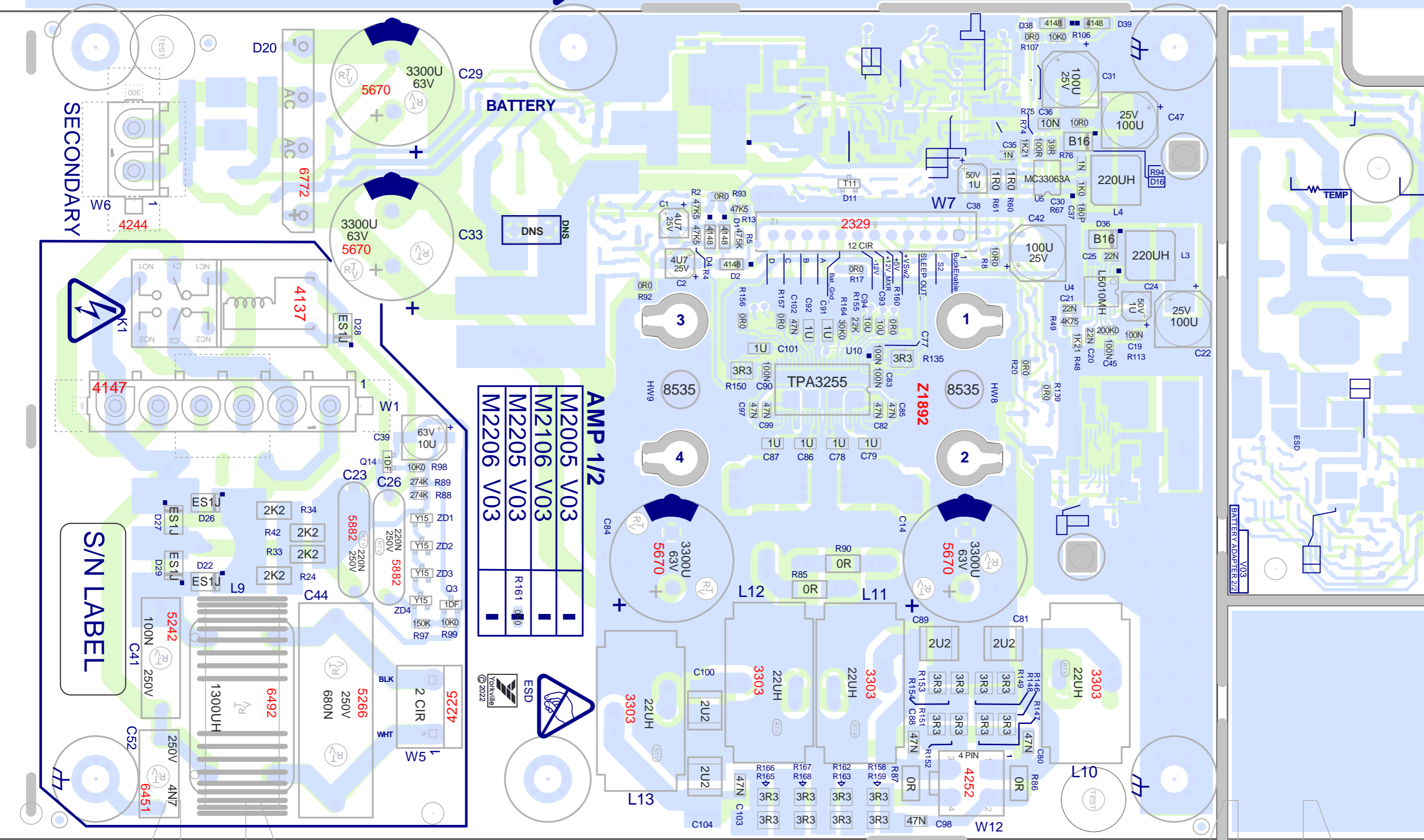
#	DATE	VER#	PC#	DESCRIPTION OF CHANGE
1	21-DEC-2022	V01	.	RELEASED FOR PRODUCTION
2	17-MAY-2023	V02	9958	One mounting hole moved.
3	.	.	.	#3303 22UH Coil footprint updated.
4	.	.	9957	Anti Spark circuit added for details see Battery status section Schematic.
5	.	.	.	Noise reduction circuit added for details see Power management section Schematic.
6	.	.	.	R65 Value change from 14K #4995 to 13K #7627.
7	March-12-2024	V03	10045	C48 1UF added between L20 and D8 to BuckGnd.
8	.	.	.	R103,R104 10K0 added to U3 pin8 and pin11 (Power management section)
9	.	.	10046	R107 0R0 added between R52 and +24V.
10	.	.	.	D38 PMLL4148 added between Power Port +VX and T+VX.
11	.	.	.	D39 PMLL4148 and R106 10K0 added between C1 and Power Port T+VX.
12	.	.	.	For details see Power management section Schematic.
13	.	.	.	.
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THIS SHEET CONTAINS A CHANGE HISTORY LOG, A LIST OF THE POTS & KNOBS AND A LEADS & PINS REFERENCE SECTION.



Into Wave

BlankSize BM15C - 220.000.071X000.071 (898) 1995x1552



**AMP 1/2**

M2005 V03	
M2106 V03	
M2205 V03	R161
M2206 V03	



SECONDARY

S/N LABEL

DRV=03

VCD ORIGIN

M2205 V03

BM15C

INSERT SECONDARY

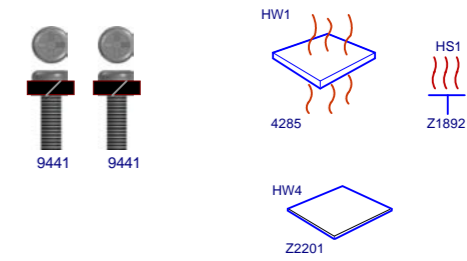
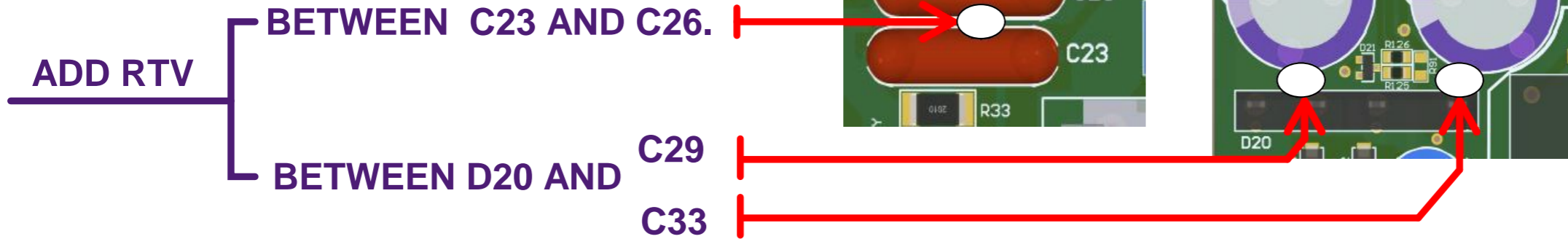


# PCB ASSEMBLY DOCUMENTATION

## SPECIAL PRODUCTION NOTES

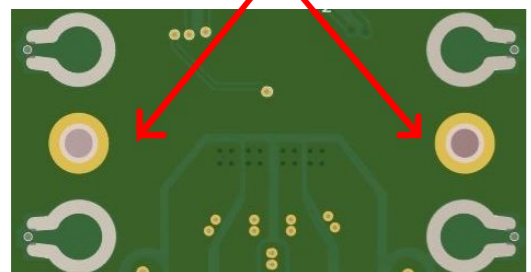
M2205 V03

## PCB HARDWARE



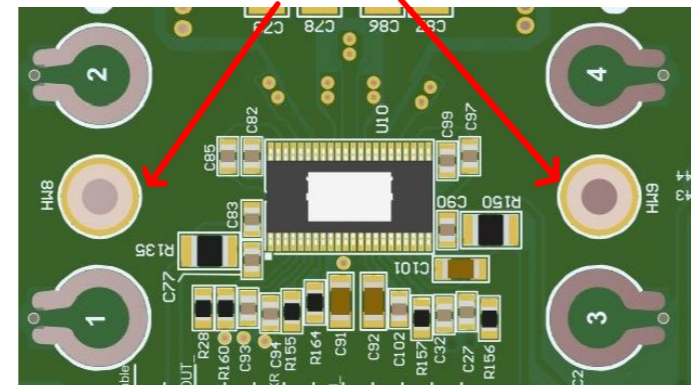
### IMPORTANT! BEFORE WAVE SOLDER

1\_ADD Soldermask dots to the two threaded spacers bottom side of pcb .

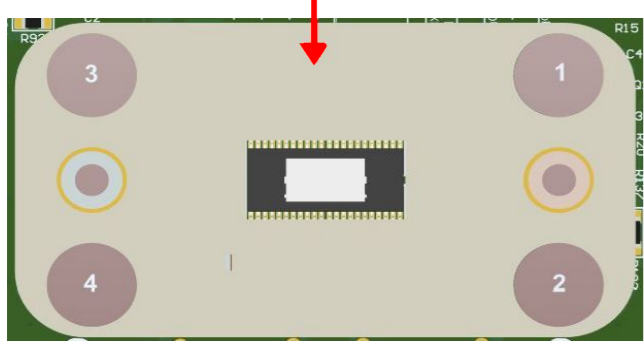


### AFTER WAVE SOLDER

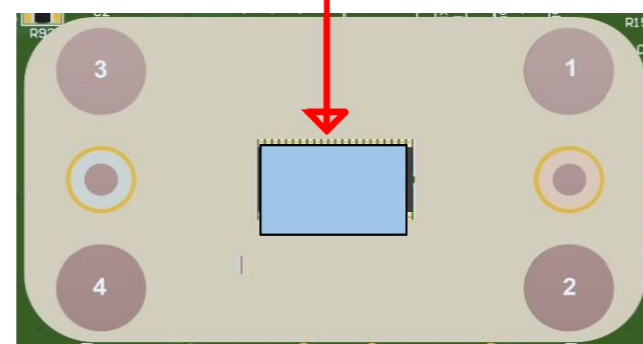
2\_Remove the Kapton tape from the spacers.



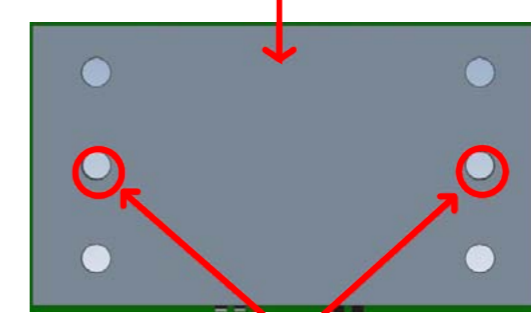
3\_Place Z2201 MYLAR.



4\_Place the 4285 Gap pad onto U10 .Handle the pad by the edges only.



5\_Place Z1892 HS on top of U10.



6\_Secure with two 9441 screws.  
\_Tighten to 8 Inch lbs and make sure heatsink is sitting flat to spacers.

THIS SHEET CONTAINS SPECIAL PRODUCTION NOTES AND A LIST OF PCB HARDWARE PARTS REQUIRED FOR THE BUILD.

# DESIGN HISTORY AND INFORMATION

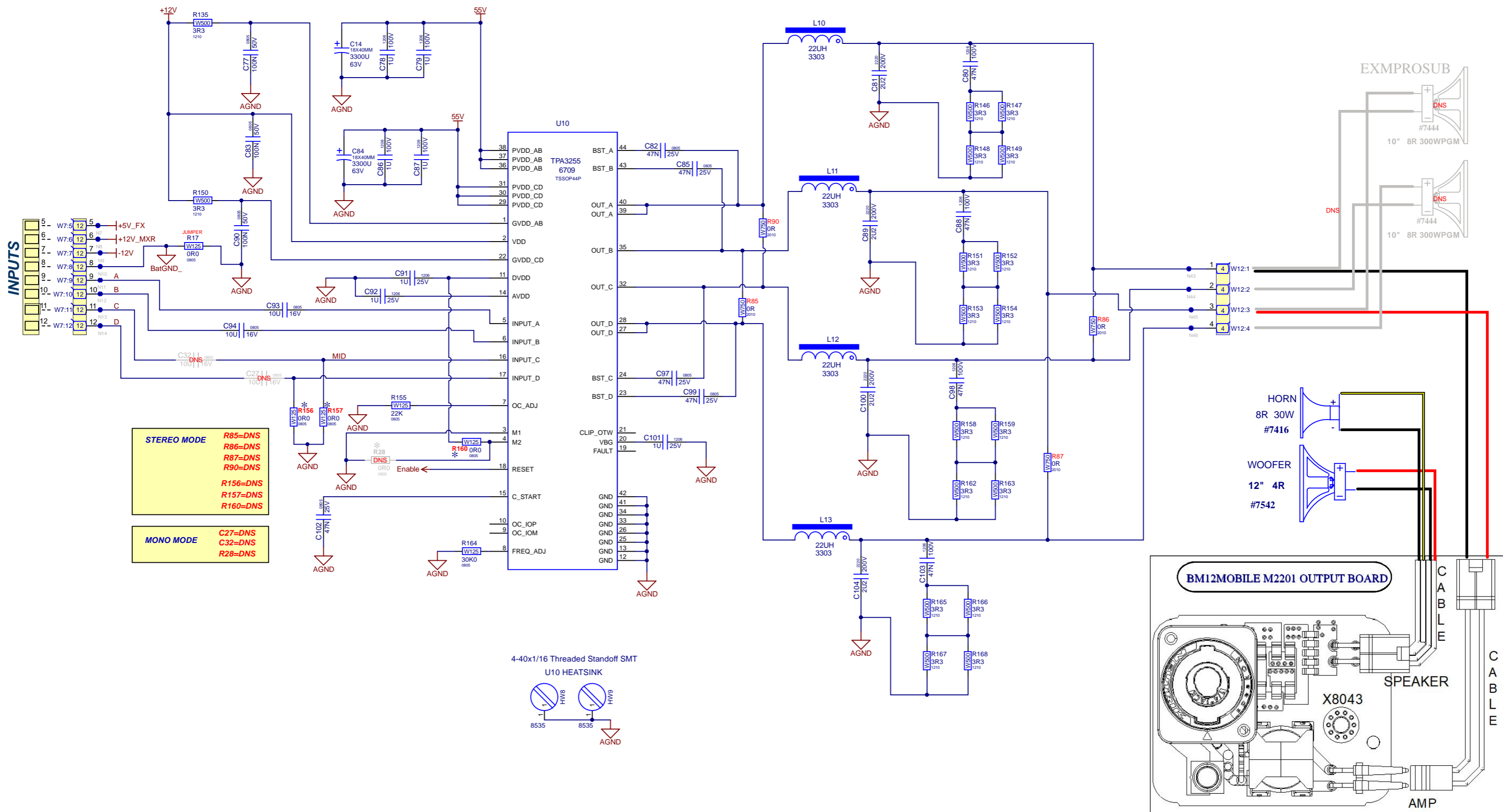
## CHANGE HISTORY

**M2205 V03**

#	DATE	VER#	PC#	DESCRIPTION OF CHANGE
1	21-DEC-2022	V01	.	RELEASED FOR PRODUCTION
2	17-MAY-2023	V02	9958	One mounting hole moved.
3	.	.	.	#3303 22UH Coil footprint updated.
4	.	.	9957	Anti Spark circuit added for details see Battery status section Schematic.
5	.	.	.	Noise reduction circuit added for details see Power management section Schematic.
6	.	.	.	R65 Value change from 14K #4995 to 13K #7627.
7	March-12-2024	V03	10045	C48 1UF added between L20 and D8 to BuckGnd.
8	.	.	.	R103,R104 10K0 added to U3 pin8 and pin11 (Power management section)
9	.	.	10046	R107 0R0 added between R52 and +24V.
10	.	.	.	D38 PMLL4148 added between Power Port +VX and T+VX.
11	.	.	.	D39 PMLL4148 and R106 10K0 added between C1 and Power Port T+VX.
12	.	.	.	For details see Power management section Schematic.
13	.	.	.	.
#	DATE	VER#	PC#	DESCRIPTION OF CHANGE
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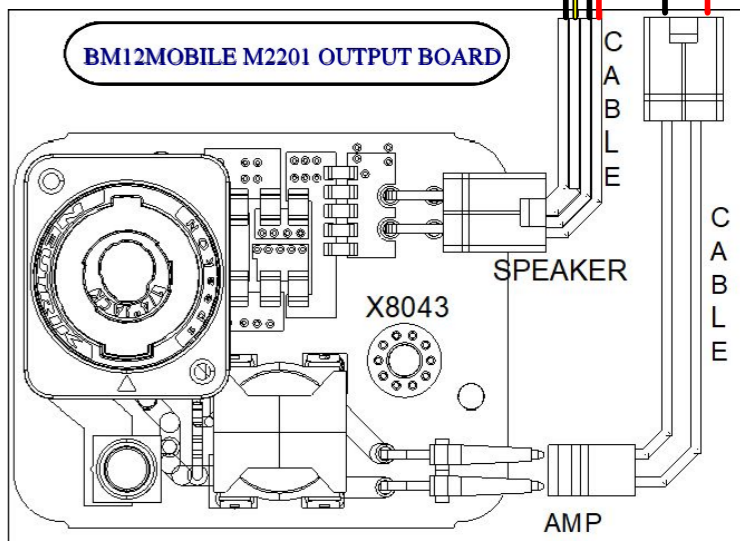
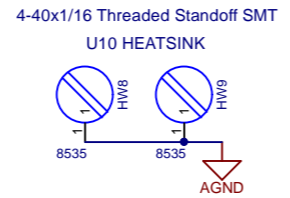
THIS SHEET CONTAINS A CHANGE HISTORY LOG, A LIST OF THE POTS & KNOBS AND A LEADS & PINS REFERENCE SECTION.

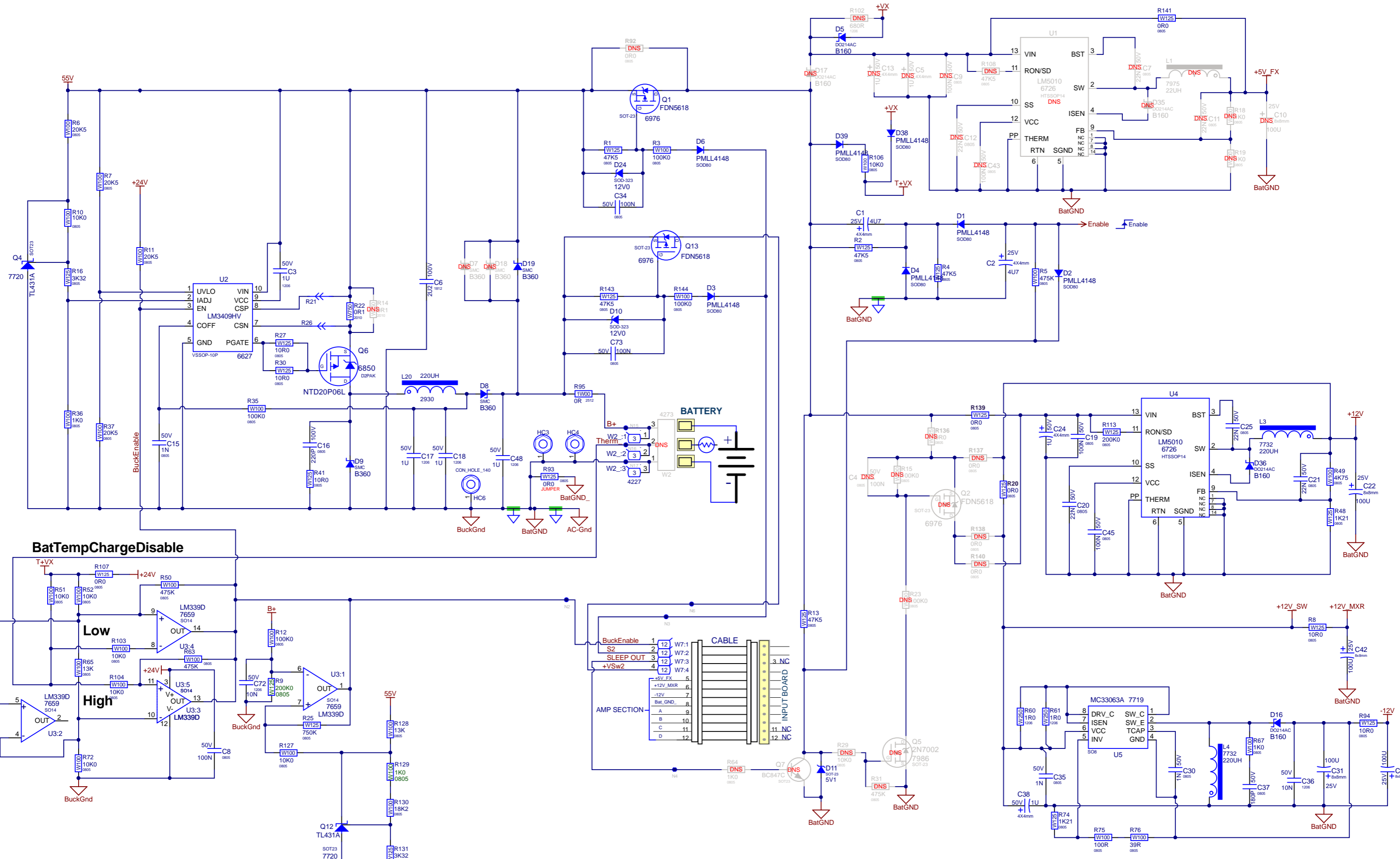


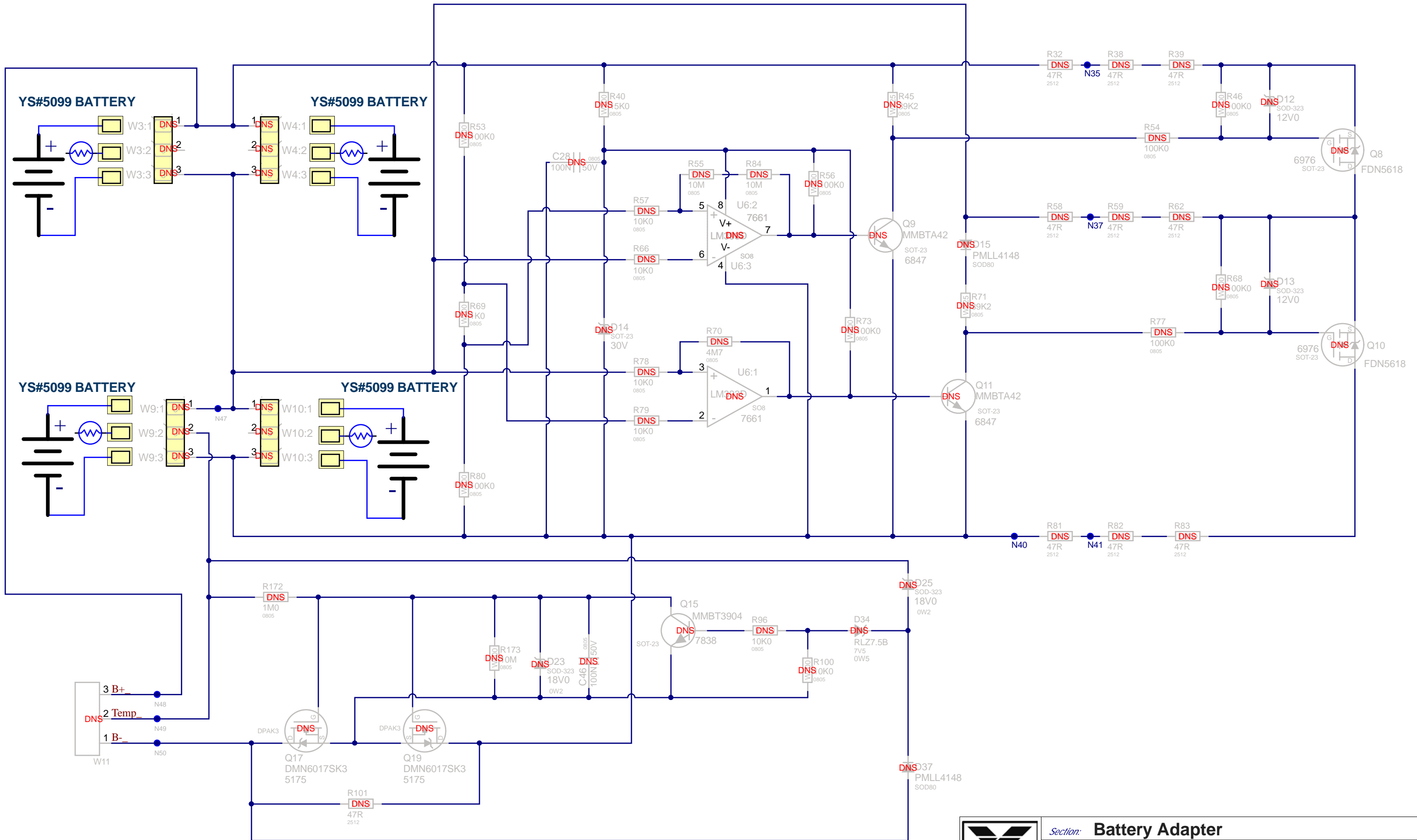


**STEREO MODE**  
 R85=DNS  
 R86=DNS  
 R87=DNS  
 R90=DNS  
 R156=DNS  
 R157=DNS  
 R160=DNS

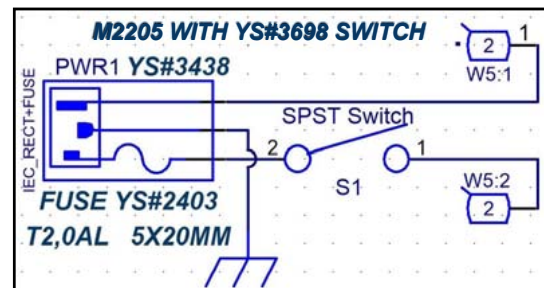
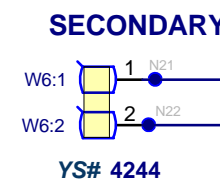
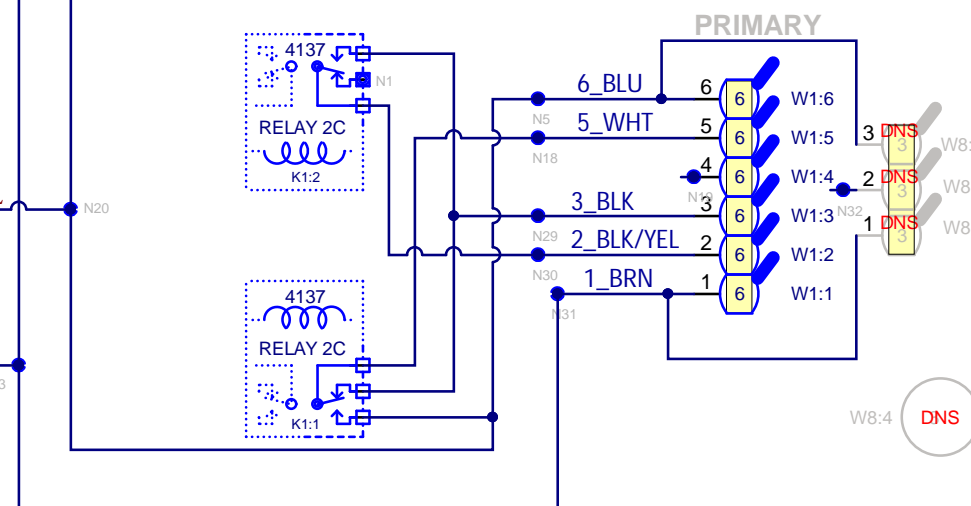
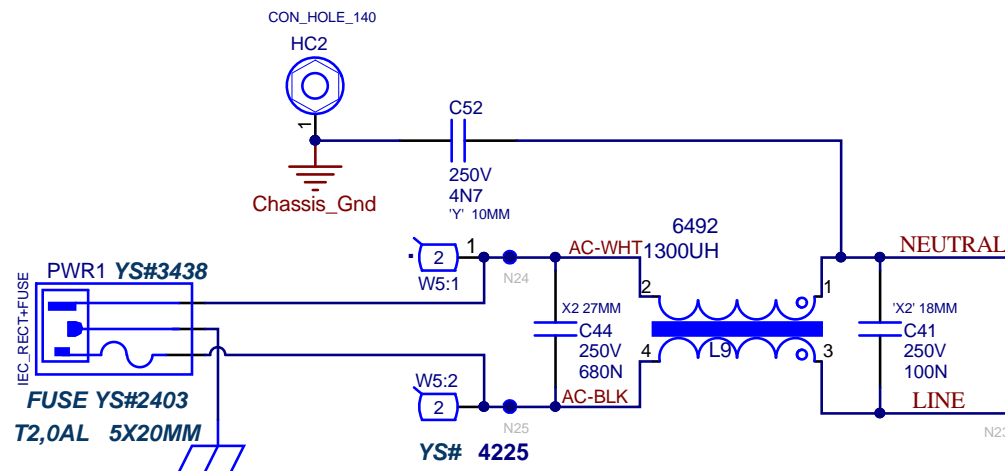
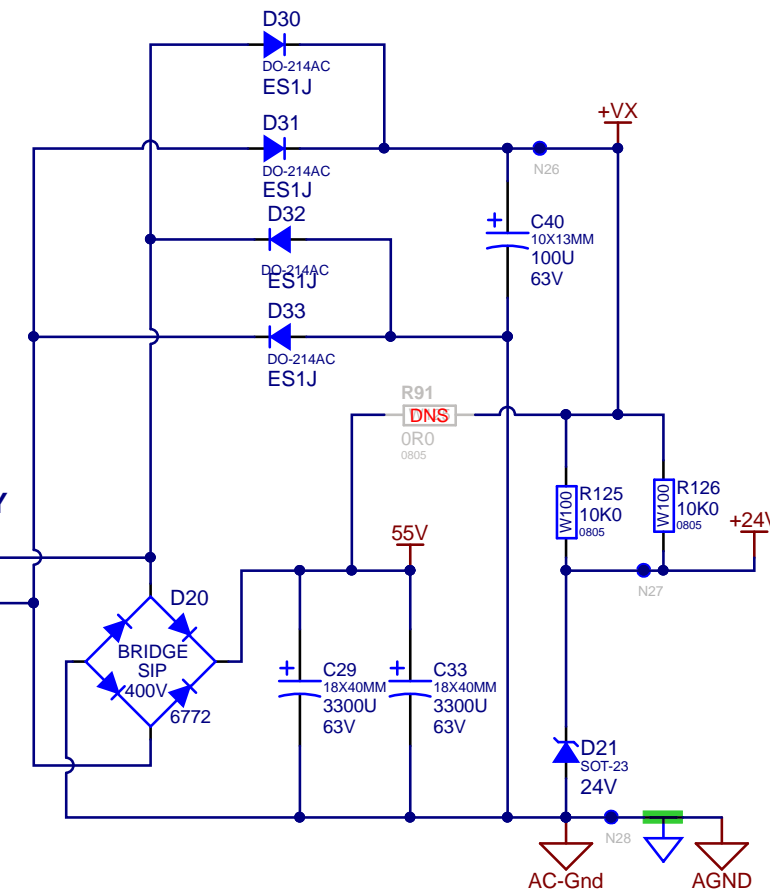
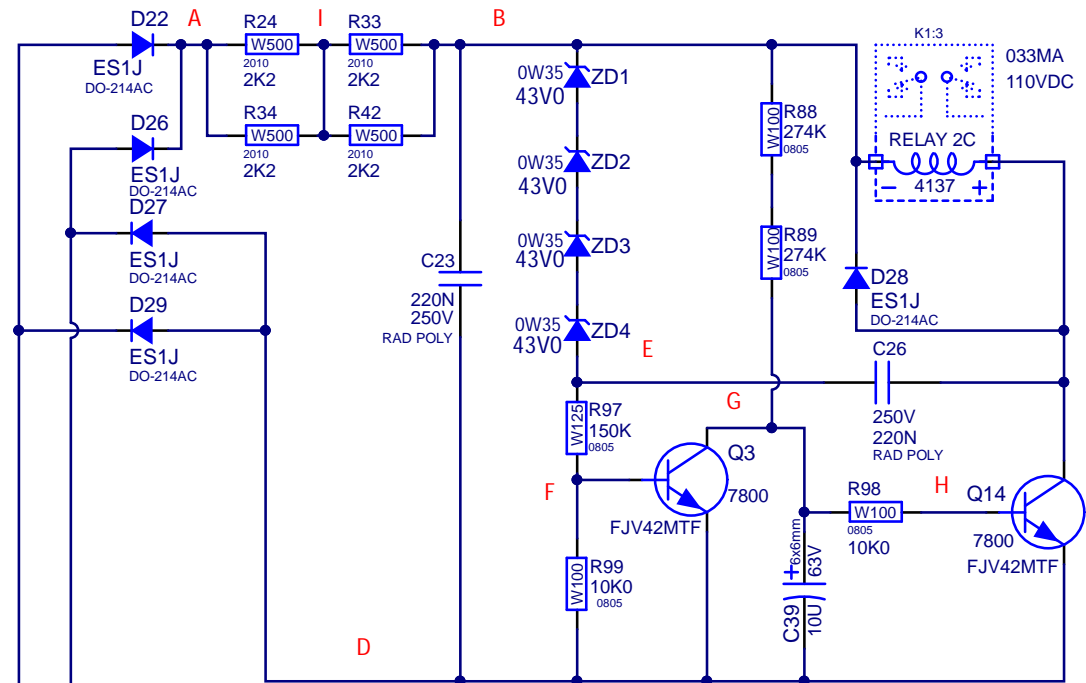
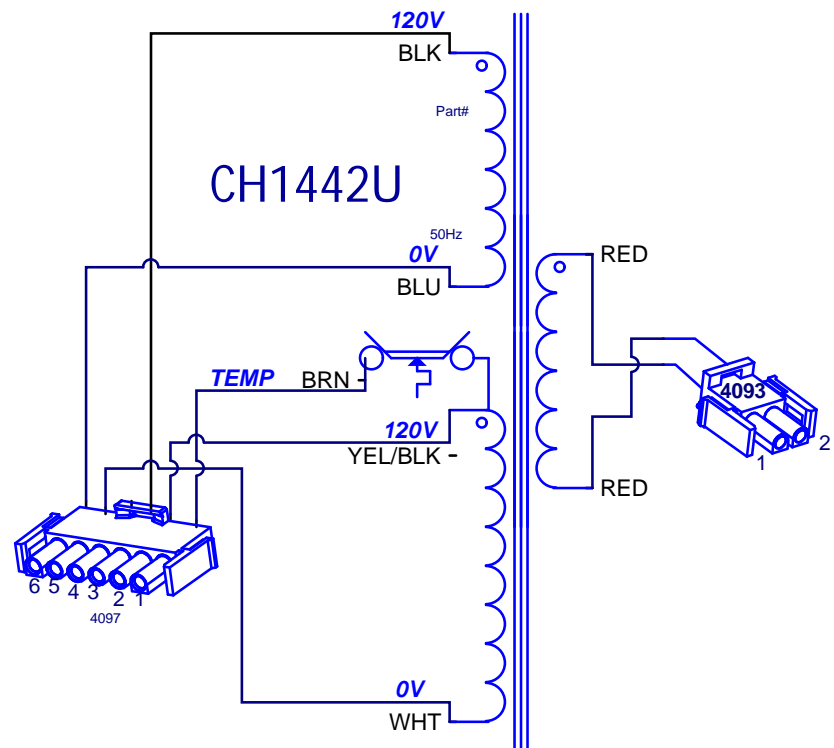
**MONO MODE**  
 C27=DNS  
 C32=DNS  
 R28=DNS







<b>Section: Battery Adapter</b>			
<b>Product(s): BM12MOBILE</b>			
PCB#: M2206	Rev#: V03	Eng: RH	Sheet 3 Of 5
Modified: 2024-04-02	File: Battery Adapter.SchDoc		



Section: **PowerSupply**

Product(s): **BM12MOBILE**

PCB#: M2206

Rev#: V03

Eng: RH

Sheet 4 Of 5

Modified: 2024-04-02

File: PowerSupply.SchDoc

# DESIGN HISTORY AND INFORMATION

## CHANGE HISTORY

**M2206 V03**

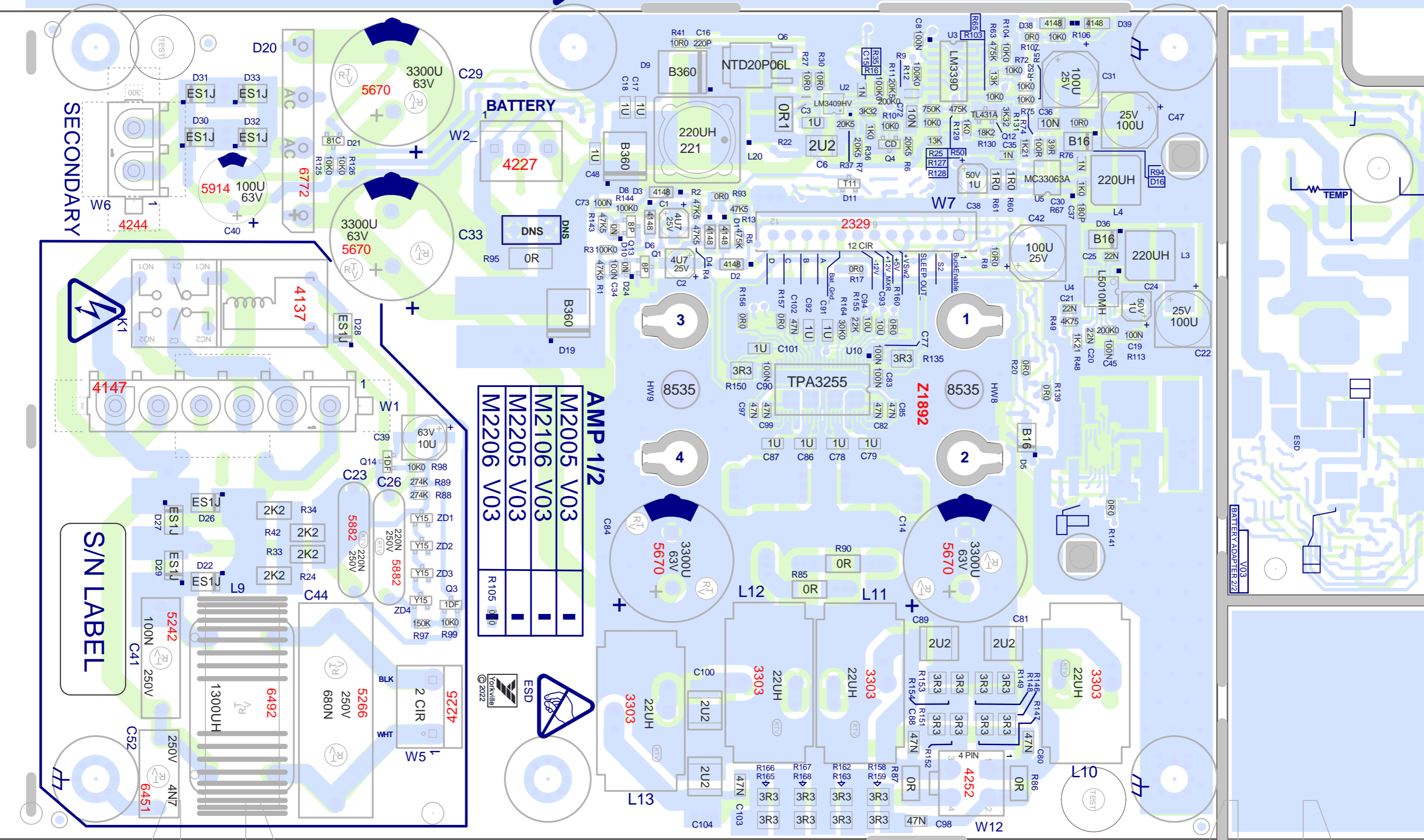
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THIS SHEET CONTAINS A CHANGE HISTORY LOG, A LIST OF THE POTS & KNOBS AND A LEADS & PINS REFERENCE SECTION.



Into Wave

(2155x1998) WU000.071XWU000.072 - ezisysu1B



SECONDARY

BATTERY

**AMP 1/2**

M2005 V03
M2106 V03
M2205 V03
M2206 V03

S/N LABEL

DRV=03

VCD INSERT ORIGIN

M2206 V03

BM12MOBILE

INSERT SECONDARY



ESD

© 2022

Yorkville

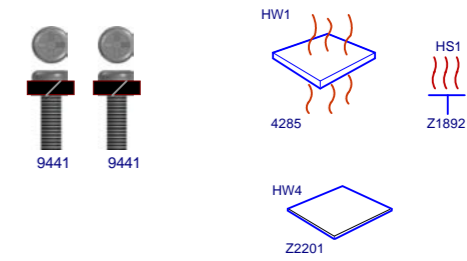
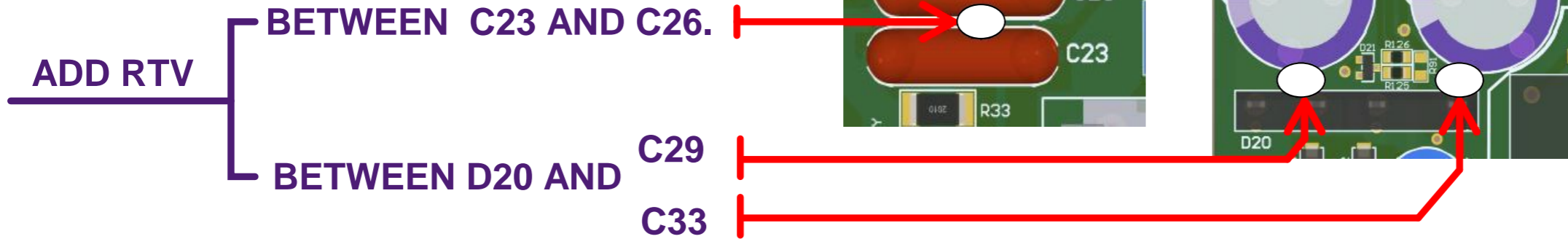


# PCB ASSEMBLY DOCUMENTATION

## SPECIAL PRODUCTION NOTES

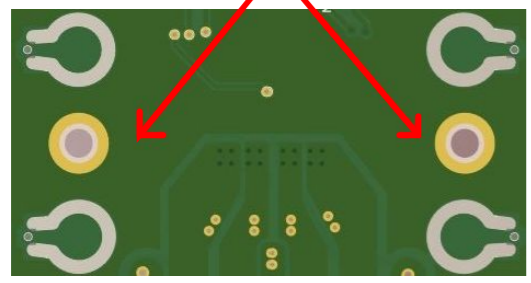
M2206 V03

## PCB HARDWARE



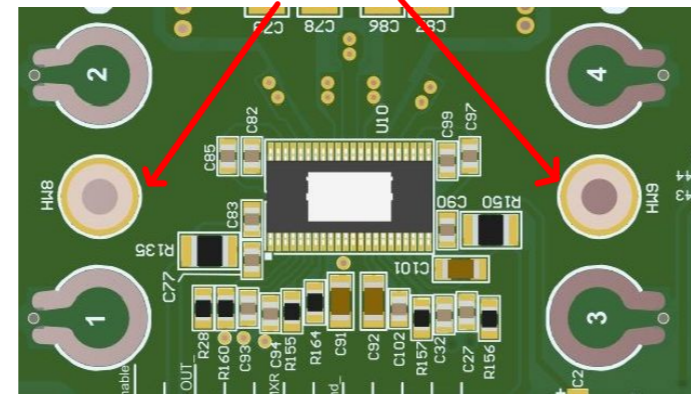
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**BEFORE WAVE SOLDER**

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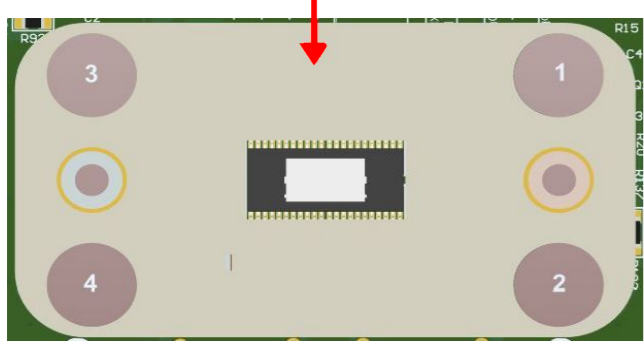


**AFTER WAVE SOLDER**

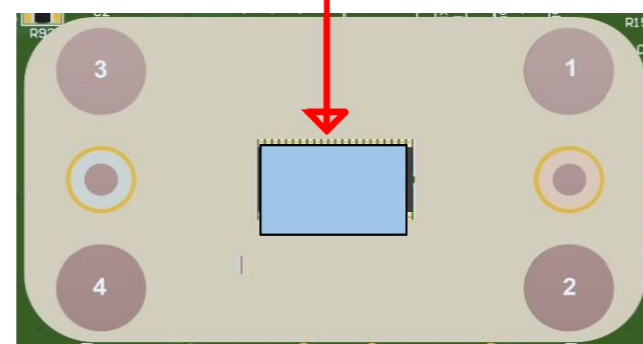
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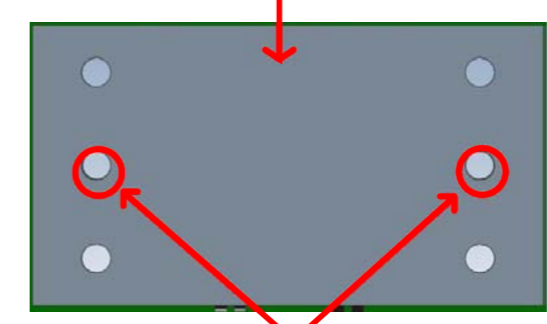
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\_Tighten to 8 Inch lbs and make sure heatsink is sitting flat to spacers.

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# DESIGN HISTORY AND INFORMATION

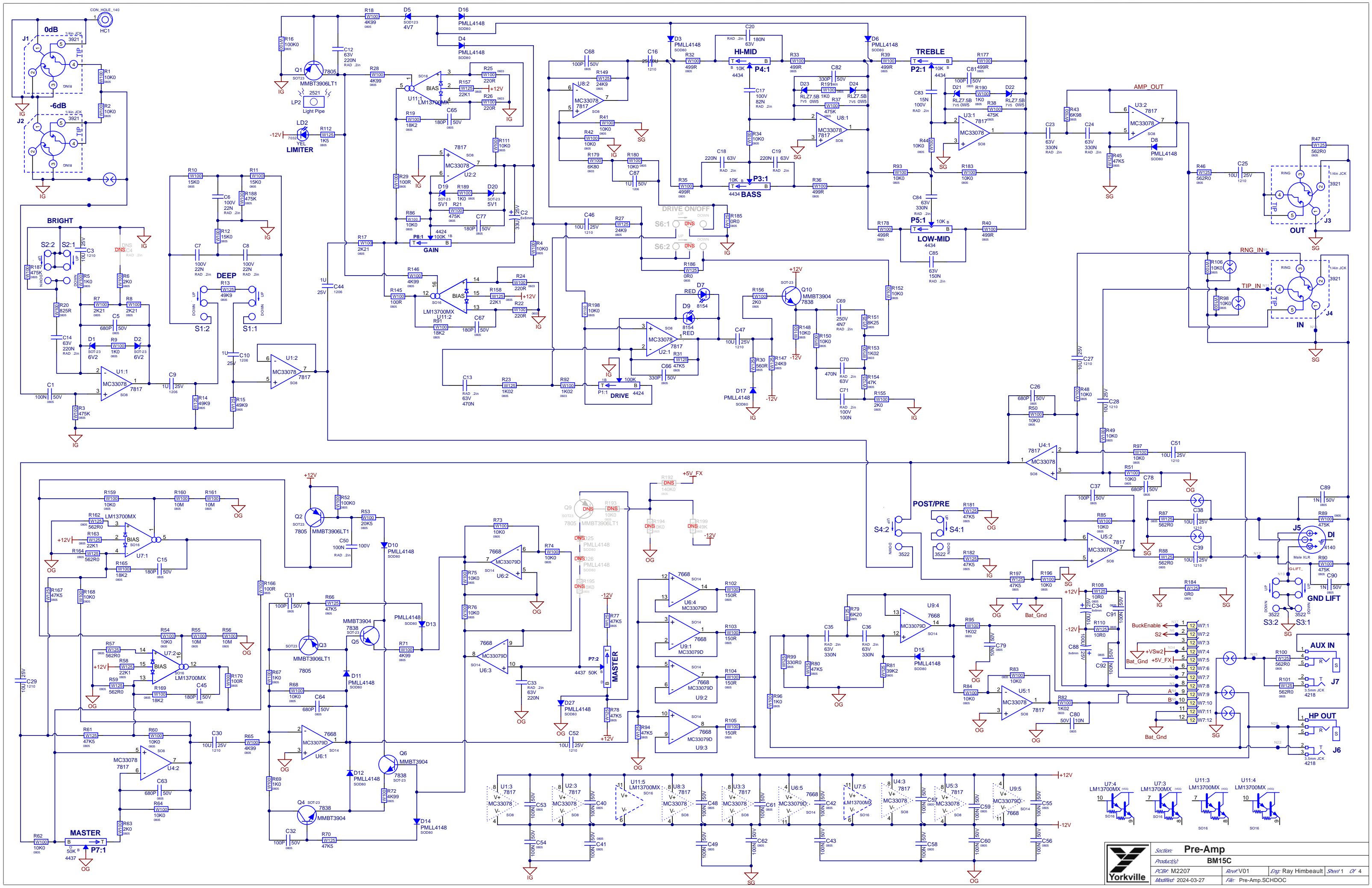
## CHANGE HISTORY

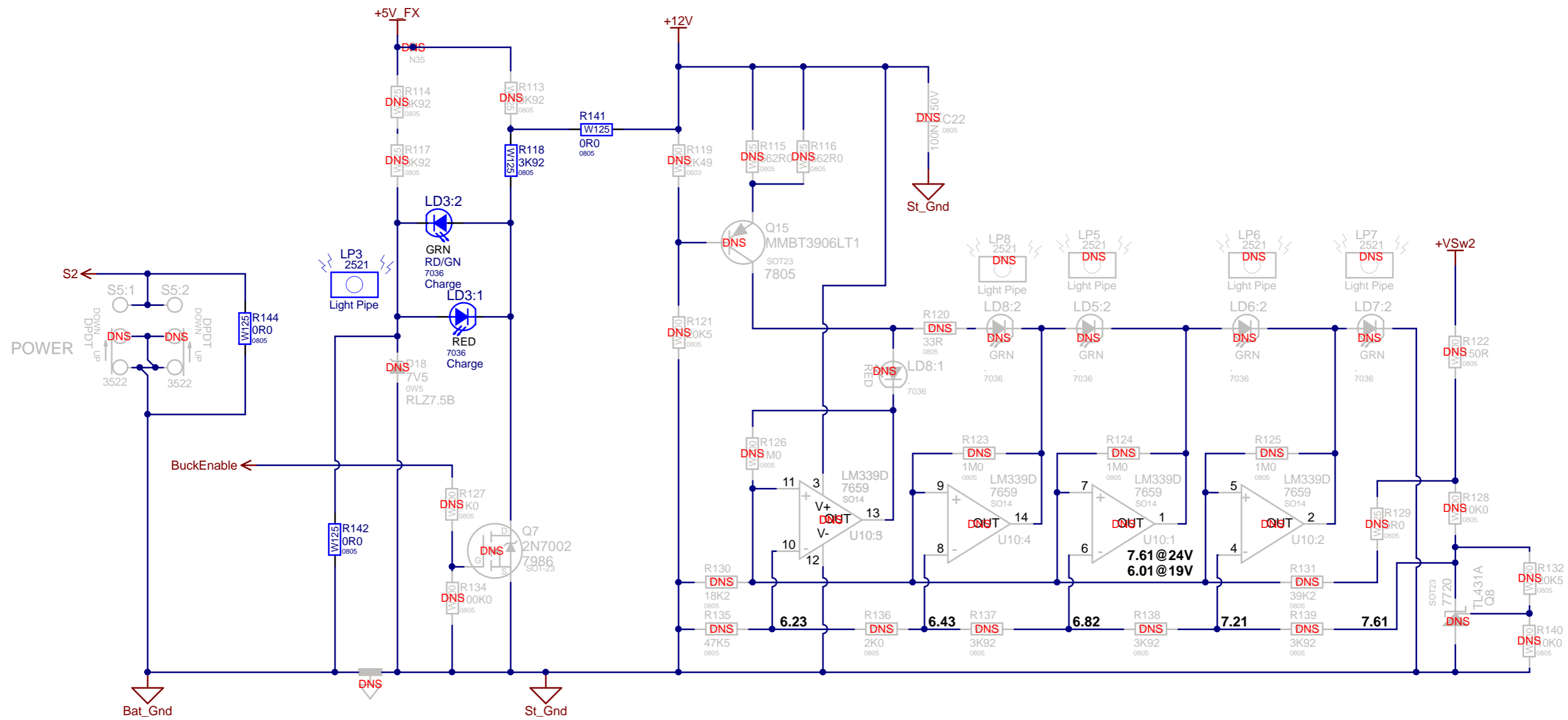
**M2206 V03**

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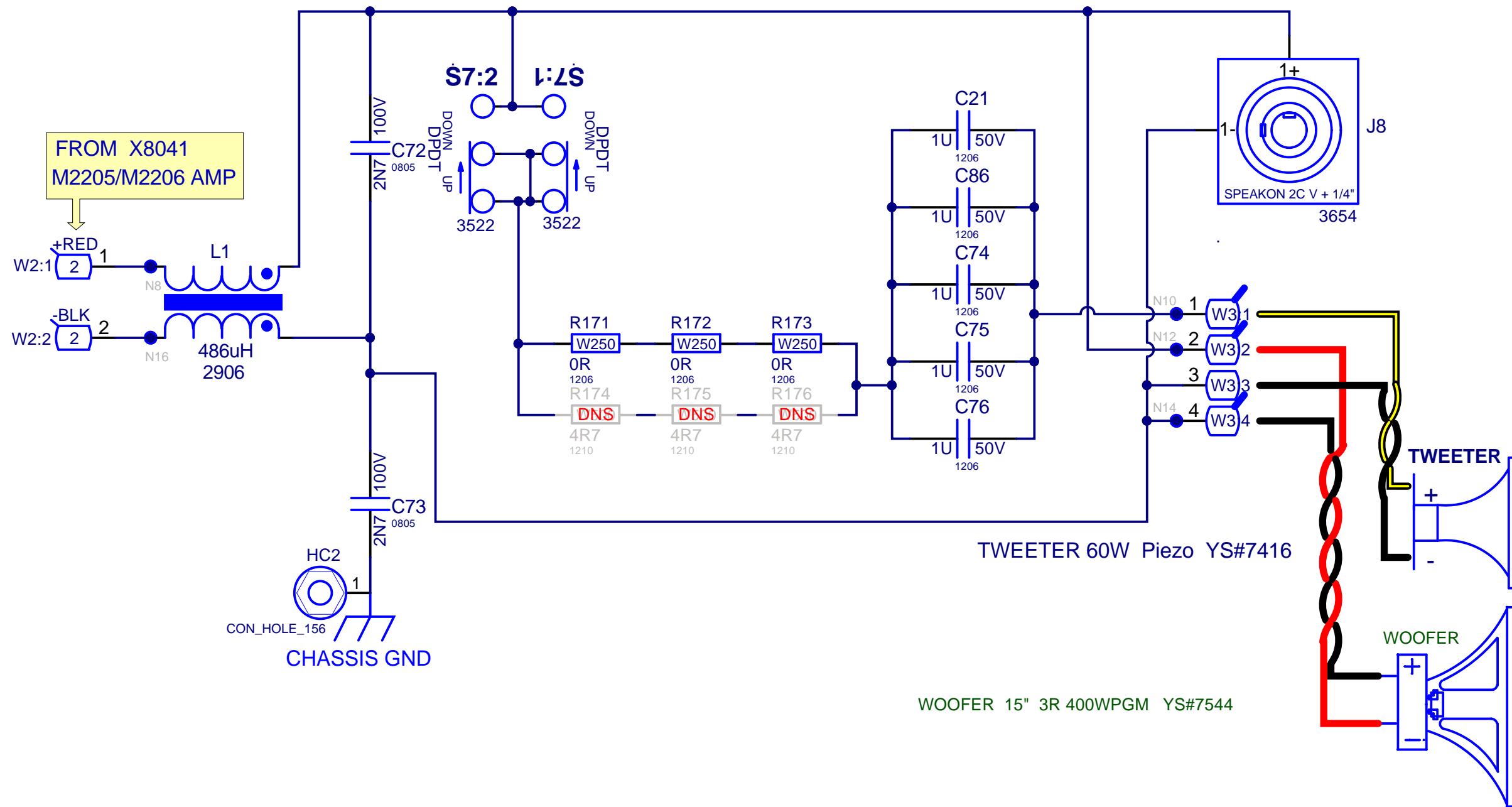
THIS SHEET CONTAINS A CHANGE HISTORY LOG, A LIST OF THE POTS & KNOBS AND A LEADS & PINS REFERENCE SECTION.







Section: <b>Battery Status</b>	
Product(s): <b>BM15C</b>	
PCB#: M2207	Rev#: V01
EML Rev#: XX	Sheet 2 Of 4
Modified: 2024-03-27	File: Battery Status.SchDoc
Tmp Rev: V032	



Section: <b>Output</b>			
Product(s): <b>BM15C</b>			
PCB#: M2207	Rev#: V01	Eng: Ray Himbeault	Sheet 3 Of 4
Modified: 2024-03-11	File: Output.SchDoc		

# DESIGN HISTORY AND INFORMATION

## CHANGE HISTORY

**M2207 V01**

#	DATE	VER#	PC#	DESCRIPTION OF CHANGE
1	March-11-2024	V01	.	Released for Production
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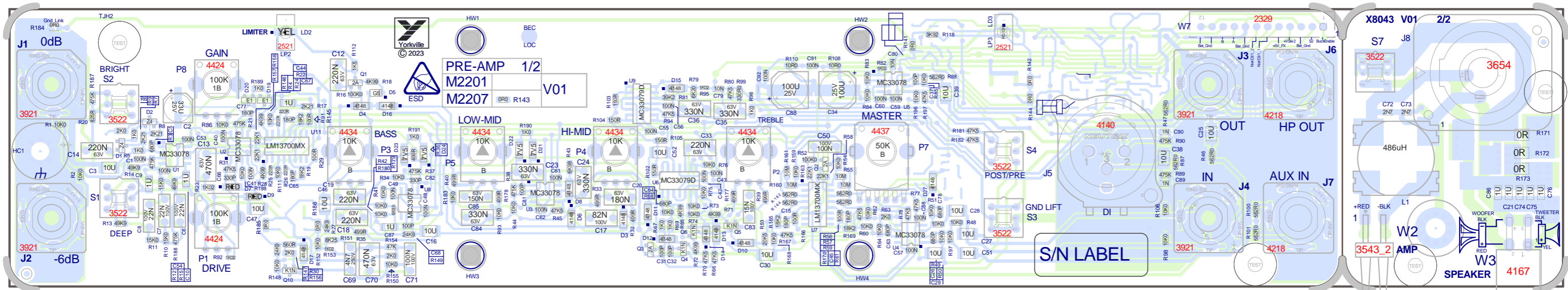
#	DATE	VER#	PC#	DESCRIPTION OF CHANGE
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POTENTIOMETERS/SWITCHES AND KNOBS				
REF	FUNCTION	POT/SW YS#	STYLE	KNOB#
P1	DRIVE	4424	P32	.
P2	TREBLE	4434	P32	.
P3	BASS	4434	P32	.
P4	HI-MID	4434	P32	.
P5	LOW-MID	4434	P32	.
P7	MASTER	4437	P34	.
P8	GAIN	4424	P32	.
.	.	.	.	.
S1	DEEP	3522	.	.
S2	BRIGHT	3522	.	.
S3	GND LIFT	3522	.	.
S4	POST/PRE	3522	.	.
S5	POWER	3522	.	.

POTENTIOMETERS/SWITCHES AND KNOBS				
REF	FUNCTION	POT/SW YS#	STYLE	KNOB#
S7	TWEETER ON/OFF	3436	.	.
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THIS SHEET CONTAINS A CHANGE HISTORY LOG, A LIST OF THE POTS & KNOBS AND A LEADS & PINS REFERENCE SECTION.





**M2207 V01**      **BM15C**

# PCB ASSEMBLY DOCUMENTATION

## SPECIAL PRODUCTION NOTES

- 1) Ensure all hand placed parts are flush mounted.
- 2) Wave solder Jig is required for this pcb to align Jacks, Pot, and Switches.

## PCB HARDWARE

THIS SHEET CONTAINS SPECIAL PRODUCTION NOTES AND A LIST OF PCB HARDWARE PARTS REQUIRED FOR THE BUILD.





# DESIGN HISTORY AND INFORMATION

## CHANGE HISTORY

**M2207 V01**

#	DATE	VER#	PC#	DESCRIPTION OF CHANGE
1	March-11-2024	V01	.	Released for Production
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POTENTIOMETERS/SWITCHES AND KNOBS				
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P1	DRIVE	4424	P32	.
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P7	MASTER	4437	P34	.
P8	GAIN	4424	P32	.
.	.	.	.	.
S1	DEEP	3522	.	.
S2	BRIGHT	3522	.	.
S3	GND LIFT	3522	.	.
S4	POST/PRE	3522	.	.
S5	POWER	3522	.	.

POTENTIOMETERS/SWITCHES AND KNOBS				
REF	FUNCTION	POT/SW YS#	STYLE	KNOB#
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S7	TWEETER ON/OFF	3436	.	.
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## Traynor Bassmaster Combos

### BM15C/BM12Mobile

- 1. Power/Battery & Charge Status (BM12Mobile)** - The power switch for the BM12Mobile is on the top panel above the DI. The fuse on the rear panel. When plugged in, it will be in charge mode and the power LED will illuminate. The LED turns red when not 100% charged and green when fully charged. When turned on, the Battery status LEDs will indicate the state of charge, when almost depleted, the left most LED will turn red indicating the need to be charged.
- 2. Power Switch and LED (BM15C)** - The BM15C's power switch and fuse are on the rear. The power LED on the top turns green when powered.
- 3. 0dB/Passive & -6dB/Active Inputs** - The 0 dB and -6 dB inputs are made for a wide range of basses. For basses with standard, single-coil pickups, we suggest the 0 dB input and for active, extremely 'hot' pickups such as humbuckers, try using the -6 dB input.
- 4. Bright & Deep Switches** - The Bright switch will add extra sheen and the Deep switch provides a mid-scoop. These switches also affect the pre-EQ output of the D.I.
- 5. Gain Control & Limit LED** - This control sets the level of the signal before it's sent to the tone controls and Drive control. Higher Gain settings push the signal into the onboard limiter for more saturated bass tones.
- 6. Drive Control** - The Drive is used in combination with the Gain. It's comprised of a separate circuit that's mixed in parallel with the original signal. The EQ of this circuit is designed to provide more girth to the original signal. If the Gain and Drive are both set to higher levels this will provide a saturated overdrive sound. Turning the Drive control fully counterclockwise effectively takes the Drive out of the signal path.
- 7. Tone Controls** - Each tone control has a range of  $\pm 15$  dB. The center position denotes a neutral or nominal setting for all controls. The Bass and Treble controls are normal shelving tone controls. The Low Mid is centered at 220 Hz and the Hi Mid is centered at 500 Hz.
- 8. Master Control** - The Master adjusts the overall signal level sent to the amplifier; it is the primary "loudness" control. The Master is also configured as a power level

control and will help achieve a desired level of saturation at any power level.

**9. Phones Jack** - The Phones jack is made for connecting headphones allowing practice or recording without making any sound through the speakers. When headphones are inserted, the amplifier is disconnected from the speaker/s.

*Note: When the Phones jack is used, the XLR Line Out and Effects Send jack are active and still function.*

**10. Media IN** - This input can be used to plug in your phone or an MP3 player. The level is controlled by the master volume and the volume you set on your player.

**11. Preamp OUT & Amp IN Jacks** - The Preamp Out jack can be used as an effects send or for sending signal to another power amp, the Amp In can be used as an effects return. The Preamp Out sends the signal direct from the preamp. The Amp In jack goes directly to the power amplifier, bypassing the internal preamp.

*Note: When using the Preamp Out for an effects loop, it's recommended to use professional-grade signal processing equipment (pedal effects might not have enough headroom).*

**12. DI / Line Out XLR** - These amps are equipped with a balanced D.I./Line output. You can select a direct, clean signal (Pre-EQ) or tap the signal after the Preamp (Post-EQ). Both signals are routed to the Balanced XLR Out before the Master volume. A Ground Lift (lifts Pin 1 of the XLR) is also provided to help when routing signals directly to other equipment or mixing consoles.

*User Tip: When using the XLR Line out for recording direct-to-computer, we would recommend you insert a suitable device between the amp and computer such as A.R.T.'s TubeMP with USB for extra gain control and USB conversion.*

**13. Speaker Output** - The Speakon™ Output connector allows connection to an external 4-ohm (min) speaker cabinet. Using an external speaker DOES NOT defeat the internal speaker!

**14. Tweeter In/Out Switch** - The Tweeter switch disconnects the internal tweeter which provides a softer and more classic bass amplifier tone, for more brightness set the switch to the in position.

To get the full Owner's Manual please visit our website at

<http://www.yorkville.com/manuals/> or, if you need a printed version call 905-837-8777

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## Combos Traynor Bassmaster

### BM15C/BM12Mobile

#### 1. État d'Alimentation/Batterie et de Charge (BM12Mobile)

- L'interrupteur d'alimentation du BM12Mobile se trouve sur le panneau supérieur au-dessus du DI, le fusible est sur le panneau arrière. Une fois branché, il sera en mode charge et le voyant d'alimentation s'allumera. La LED devient rouge lorsqu'elle n'est pas chargée à 100% et verte lorsqu'elle est complètement chargée. Lorsqu'elle est allumée, les LED d'état de la batterie indiqueront l'état de charge. Lorsqu'elle est presque épuisée, la LED la plus à gauche deviendra rouge, indiquant la nécessité d'être chargée.

#### 2. Interrupteur d'Alimentation et LED (BM15C) -

L'interrupteur d'alimentation et le fusible du BM15C se trouvent à l'arrière. La LED d'alimentation sur le dessus devient verte lorsqu'elle est alimentée.

**3. Entrées 0dB/Passive et -6dB/Active** - Les entrées 0 dB et -6 dB sont conçues pour une large gamme de guitares basses. Pour les guitares basses équipées de micros standard à simple bobinage, nous suggérons l'entrée 0 dB et pour les micros actifs extrêmement « chauds » tels que les humbuckers, essayez d'utiliser l'entrée -6 dB.

**4. Commutateurs Bright et Deep** - Le commutateur Bright ajoutera un éclat supplémentaire et le commutateur Deep fournira une réduction aux fréquences médiane. Ces commutateurs affectent également la sortie pré-EQ du DI.

**5. LED de Contrôle de Gain et de Limite** - Cette commande définit le niveau du signal avant qu'il ne soit envoyé aux commandes de tonalité et à la commande Drive. Des réglages de gain plus élevés poussent le signal dans le limiteur intégré pour des tonalités de basse saturées.

**6. Contrôle de Drive** - Le Drive est utilisé en combinaison avec le Gain. Il est composé d'un circuit séparé mixé en parallèle avec le signal d'origine. L'égaliseur de ce circuit est conçu pour donner plus de circonférence au signal d'origine. Si Gain et Drive sont tous deux réglés à des niveaux plus élevés, cela produira un son saturé. Tourner la commande Drive à fond dans le sens antihoraire retire effectivement le Drive du chemin du signal.

**7. Commandes de Tonalité** - Chaque commande de tonalité a une plage de  $\pm 15$  dB. La position centrale indique un réglage neutre ou nominal pour toutes les commandes. Les commandes Bass et Treble sont des commandes de tonalité normales en plateau. Le Low Mid est centré à 220 Hz et le Hi Mid est centré à 500 Hz.

**8. Contrôle Master** - Le maître ajuste le niveau global du signal envoyé à l'amplificateur ; c'est le contrôle principal du « volume ». Le Master est également configuré comme contrôle

de niveau de puissance et aidera à atteindre le niveau de saturation souhaité à n'importe quel niveau de puissance.

#### 9. Prise Phones

La prise Phones est conçue pour connecter des écouteurs permettant de s'entraîner ou d'enregistrer sans émettre de son via les haut-parleurs. Lorsque des écouteurs sont insérés, l'amplificateur est déconnecté des haut-parleurs.

*Remarque: lorsque la prise casque est utilisée, les prises XLR Line Out et Effects Send sont actives et fonctionnent toujours.*

**10. Media IN** - Cette entrée peut être utilisée pour brancher votre téléphone ou un lecteur MP3. Le niveau est contrôlé par la commande Master Volume et le volume que vous réglez sur votre lecteur.

**11. Prises Preamp OUT et Amp IN** - La prise Preamp Out peut être utilisée comme envoi d'effets ou pour envoyer un signal à un autre ampli de puissance, l'Amp In peut être utilisée comme retour d'effets. La sortie préampli envoie le signal directement du préampli. La prise Amp In va directement à l'amplificateur de puissance, contournant le préampli interne.

*Remarque: lorsque vous utilisez la sortie préampli pour une boucle d'effets, il est recommandé d'utiliser un équipement de traitement du signal de qualité professionnelle (les effets pédales peuvent ne pas avoir suffisamment de marge).*

**12. DI/Sortie Ligne XLR** - Ces amplis sont équipés d'une sortie DI/Ligne symétrique. Vous pouvez sélectionner un signal direct et propre (Pre-EQ) ou exploiter le signal après le préampli (Post-EQ). Les deux signaux sont acheminés vers la sortie XLR équilibrée avant le volume principal. Un Ground Lift (soulève la broche 1 du XLR) est également fourni pour faciliter le routage des signaux directement vers d'autres équipements ou consoles de mixage.

*Conseil d'utilisation : lorsque vous utilisez la sortie ligne XLR pour enregistrer directement sur l'ordinateur, nous vous recommandons d'insérer un périphérique approprié entre l'ampli et l'ordinateur, tel que le TubeMP d'ART avec USB pour un contrôle de gain supplémentaire et une conversion USB.*

**13. Sortie Haut-Parleur** - Le connecteur de sortie Speakon™ permet la connexion à une enceinte externe de 4 ohms (min). L'utilisation d'un haut-parleur externe NE débranche PAS le haut-parleur interne!

**14. Commutateur In/Out Tweeter** - Le commutateur Tweeter déconnecte le tweeter interne qui fournit une tonalité d'amplificateur de basse plus douce et plus classique, pour plus de luminosité, placez le commutateur en position In.

Pour obtenir le manuel de utilisateur visitez notre site Web à <http://www.yorkville.com/manuals/> ou, si vous avez besoin d'une version imprimée appelez-nous au 905-837-8777

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