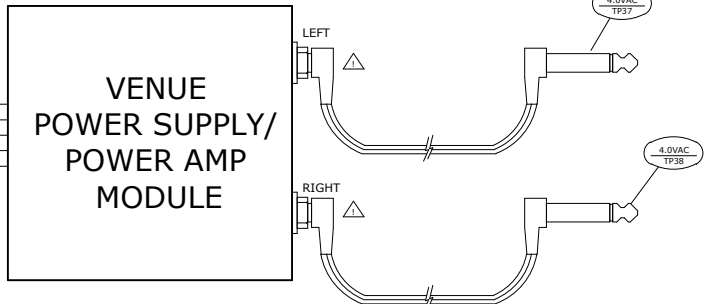
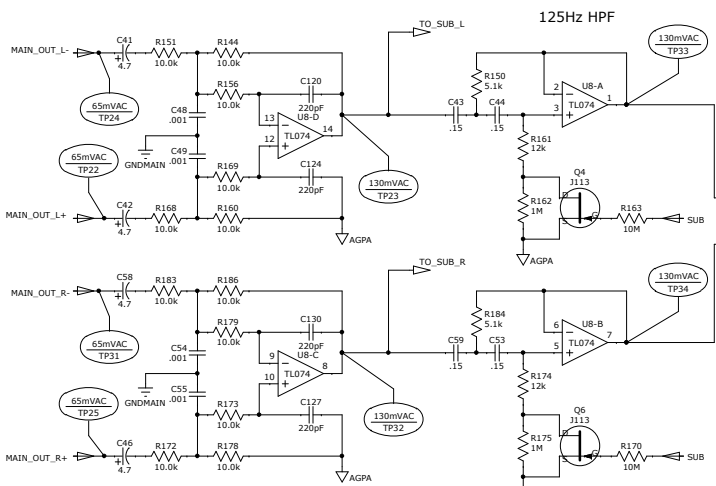
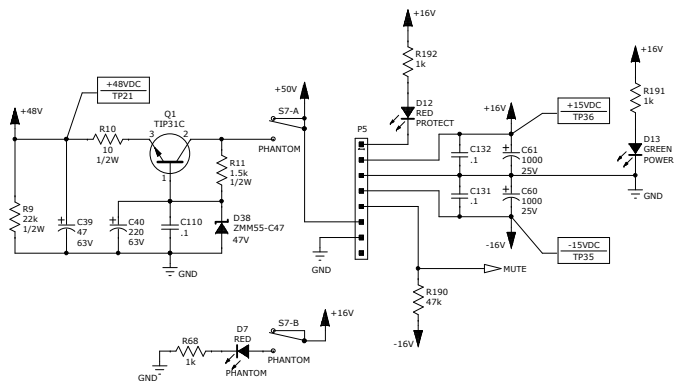
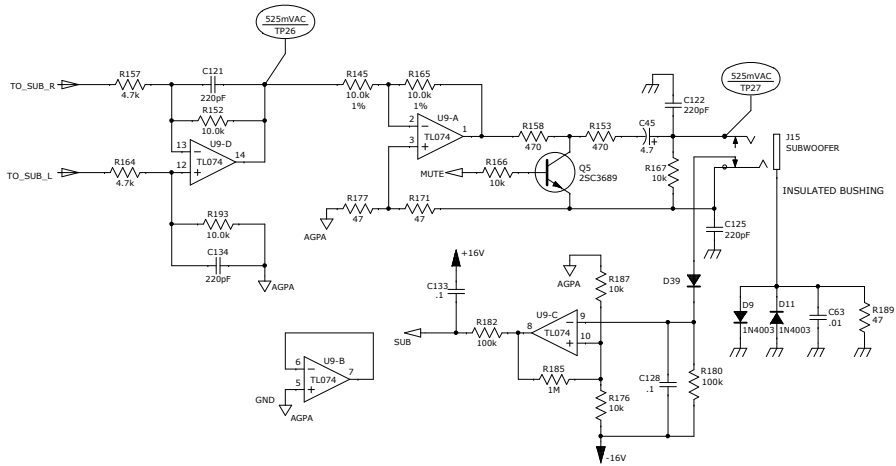
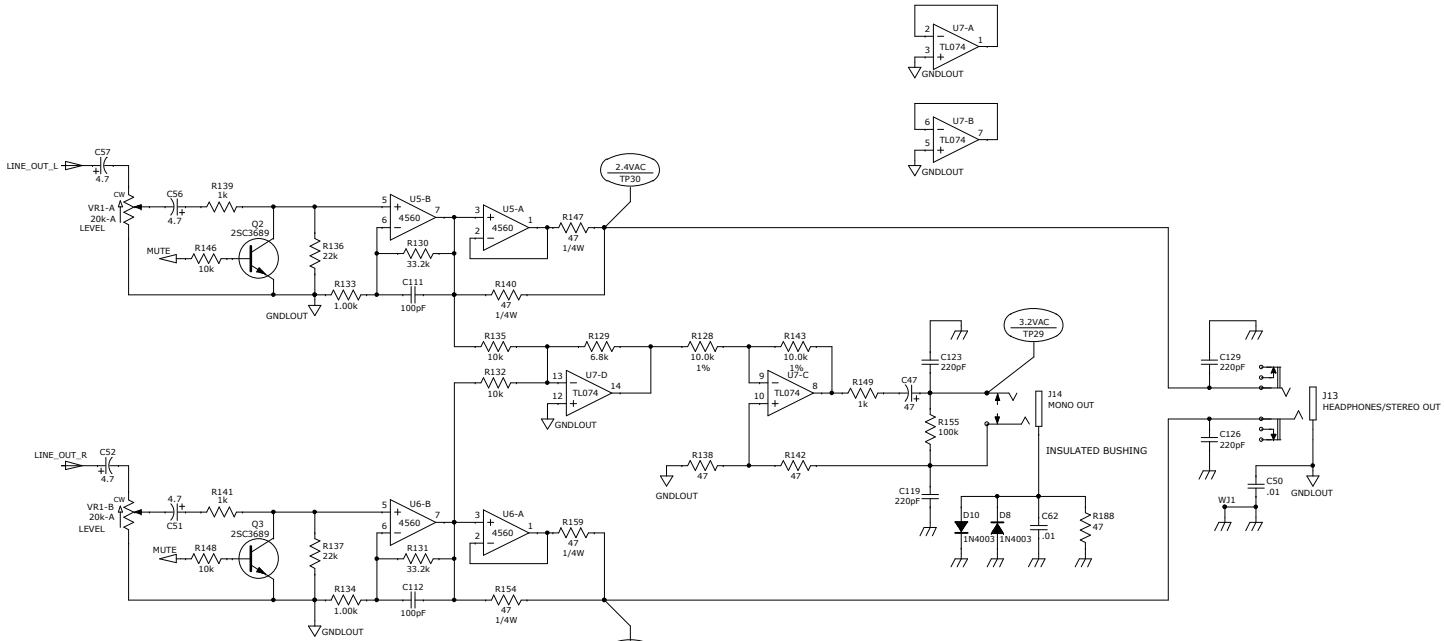


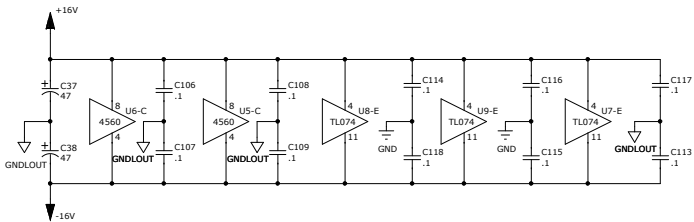
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PR2713	7-FEB-14	S.M.B.



OUTPUT POWER MEASUREMENT

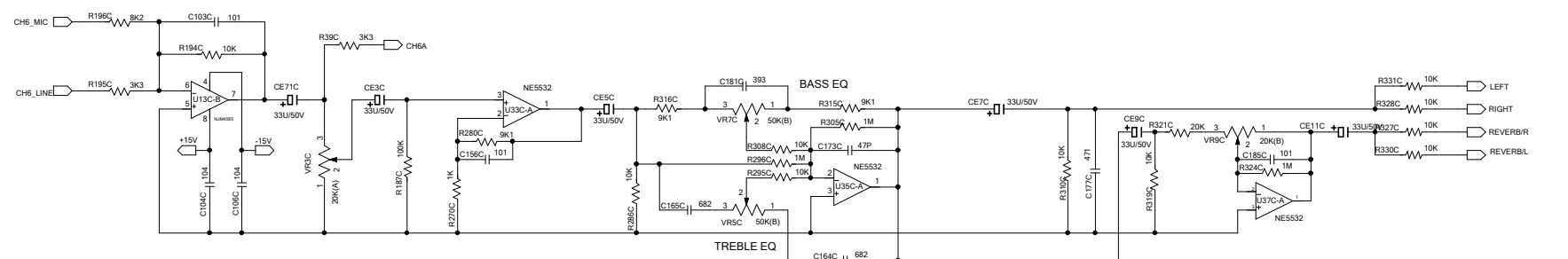
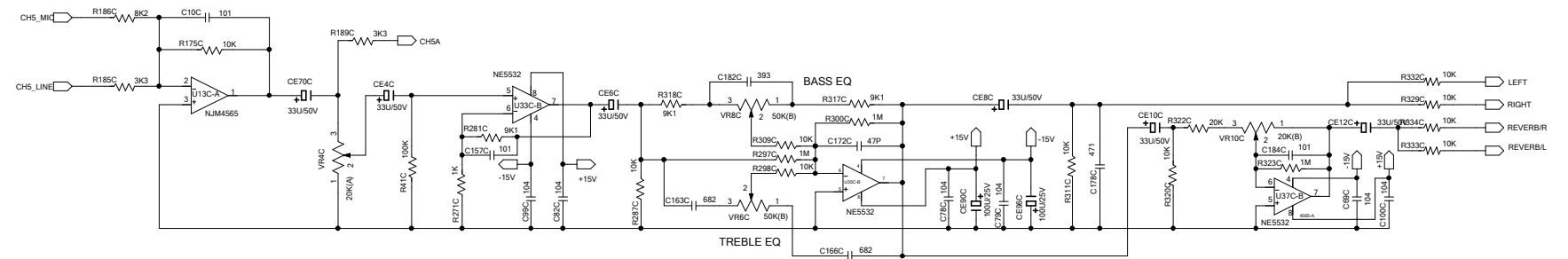
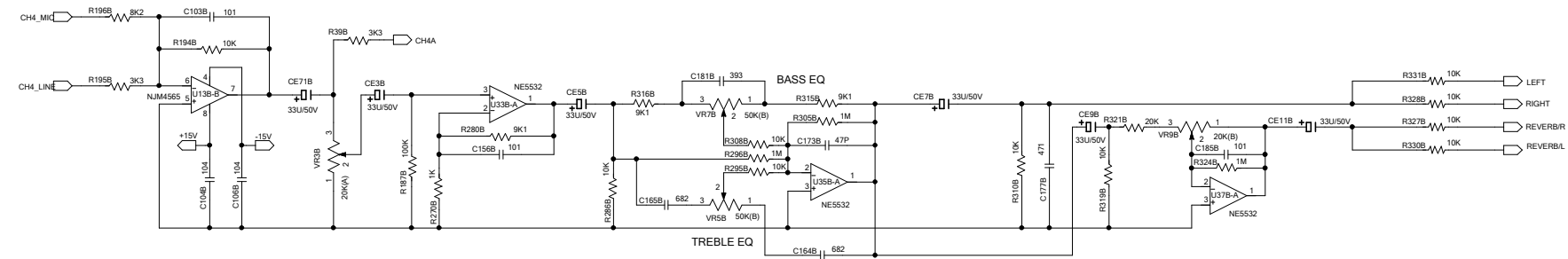
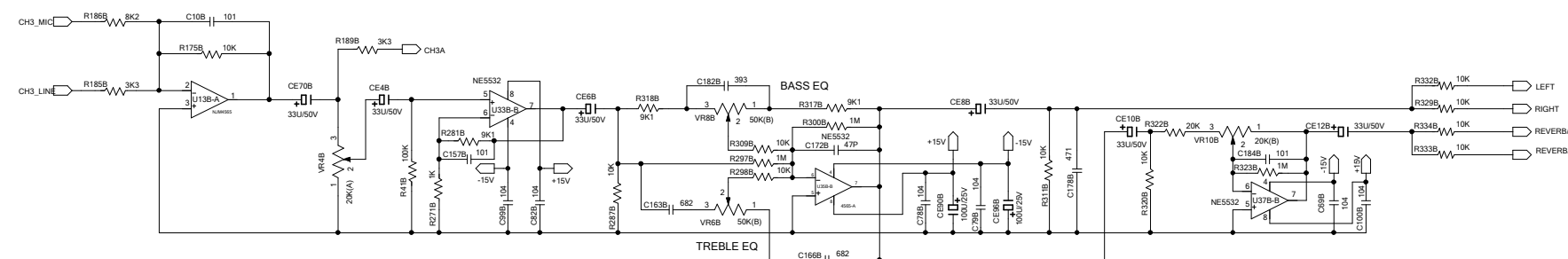
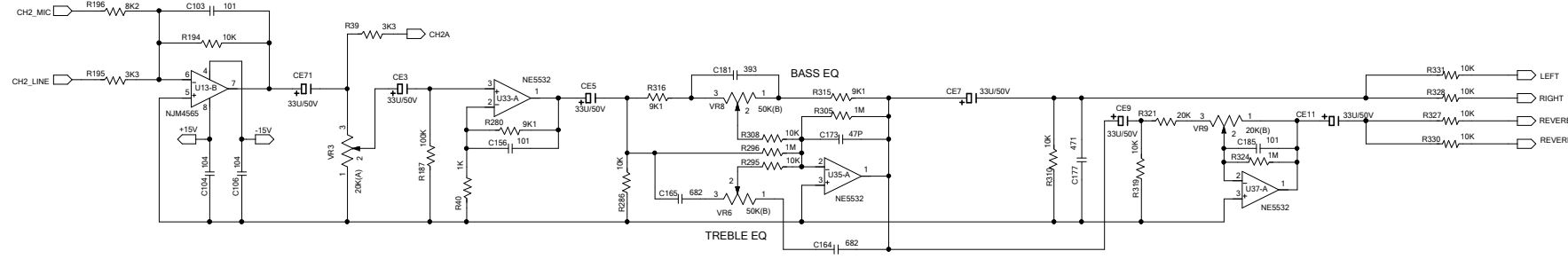
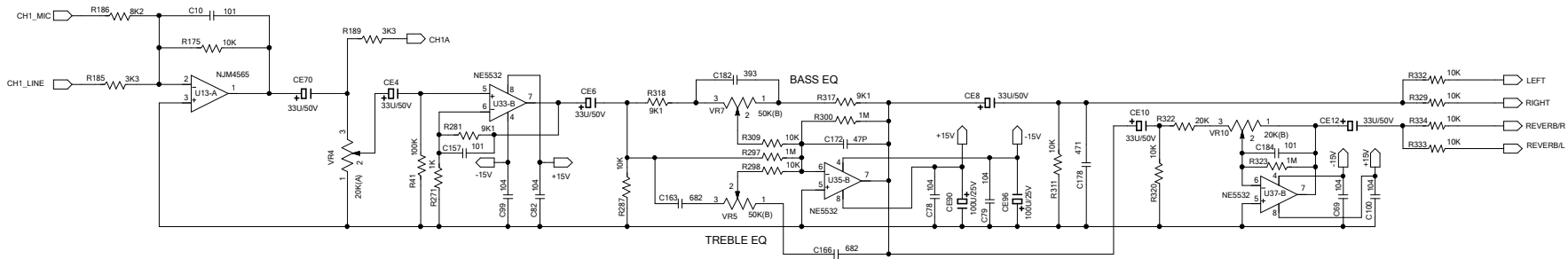
- DO NOT CONNECT + OR - SIDE OF OUTPUTS TO GROUND (DO NOT CONNECT OSCILLOSCOPE PROBE GROUND TO OUTPUTS)
- OUTPUTS WILL HAVE SOME HIGH-FREQUENCY (~32kHz) NOISE ON THEM. USE OF A LOW-PASS FILTER (SUCH AS AP AUX-0025) WILL MAKE IT EASIER TO OBSERVE THE AUDIO WAVEFORM AND MAKE ACCURATE MEASUREMENTS
- CONNECT LEFT AND RIGHT OUTPUTS TO A 4-ohm RESISTIVE LOAD EACH
- THE PASSPORT HAS A LIMITER WHICH AFFECTS THE POWER MEASUREMENT CHANNEL VOLUME AND MASTER VOLUME SHOULD BE SET TO MAXIMUM ENSURE THAT THE INPUT SIGNAL IS NOT CLIPPING THE PREAMP IF EXCESSIVE CLIPPING IS OBSERVED AT THE OUTPUT, LOWER THE INPUT LEVEL.
- DO NOT LEAVE AMPLIFIER RUNNING AT FULL POWER. MAKE THE MEASUREMENTS QUICKLY THEN REDUCE MASTER, OR SWITCH OFF LOADS

TEST POINT:	OUTPUT LEVEL
TP37	34.1 Vrms (290 watts)
TP38	34.1 Vrms (290 watts)

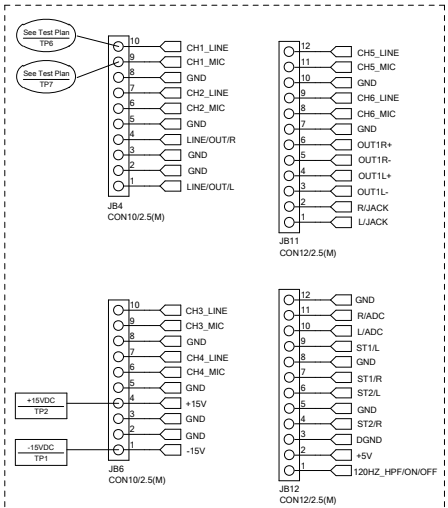


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MUSICAL INSTRUMENTS Corona, CA U.S.A.			
CHECKED BY: _____ DATE: _____		TITLE: SERVICE DIAGRAM, COMBINED PASSPORT VENUE INPUT PCB (schematic)	
APPROVED BY: _____ DATE: _____		SIZE D	REV. A
DRAWN: S. Bankhead DATABASE FILE: Z2713S1.SCH		ENGR: S. Bankhead	
RELEASE DATE: 7-FEB-14		SHEET: 2 OF 8	

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PR2713	07-FEB-14	S.M.B.



INPUT AND MIXER BOARD CONNECT



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NOTES: (UNLESS OTHERWISE NOTED)

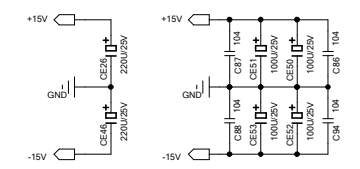
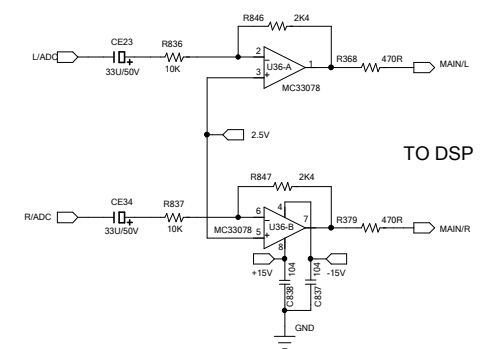
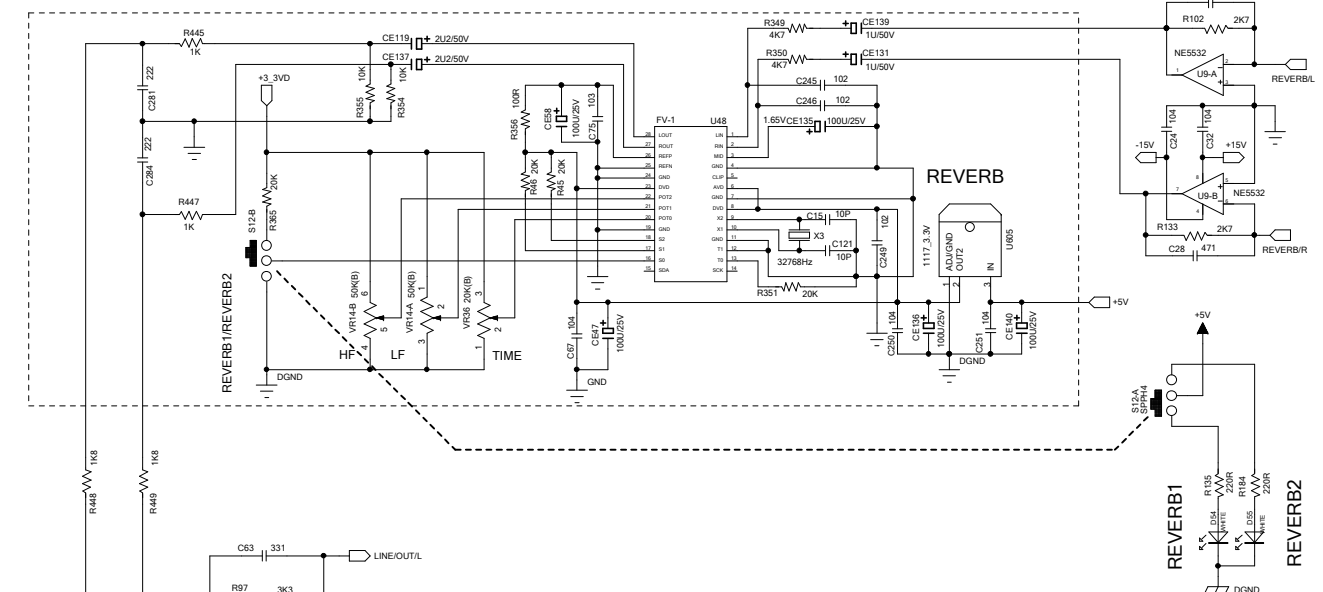
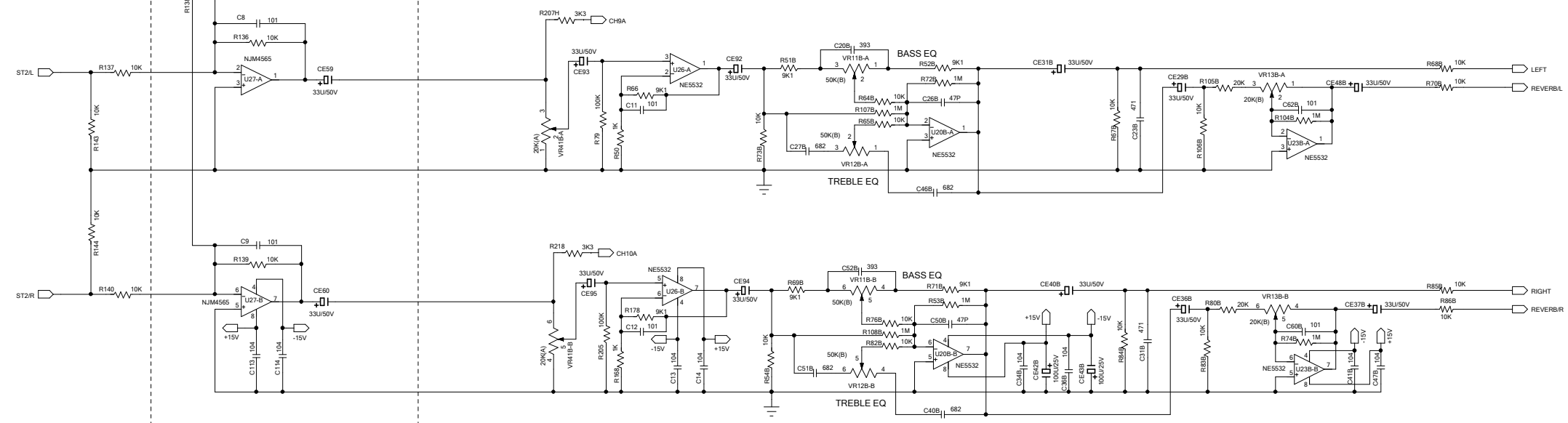
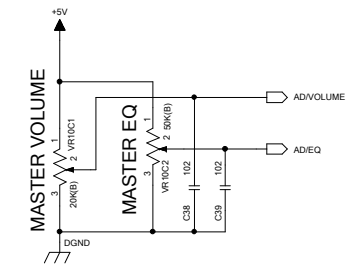
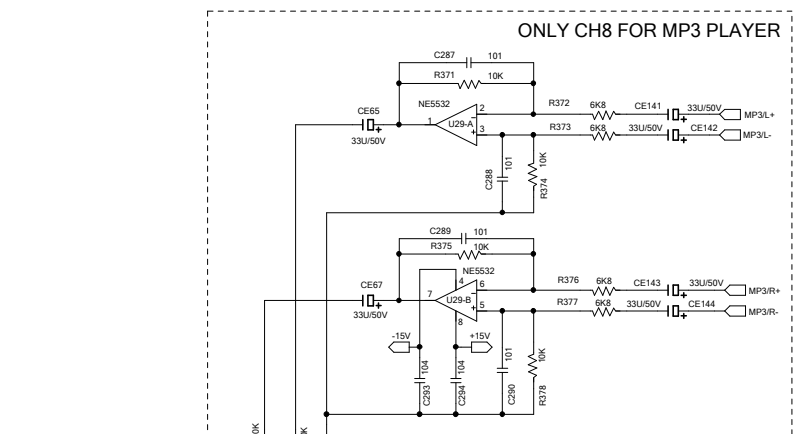
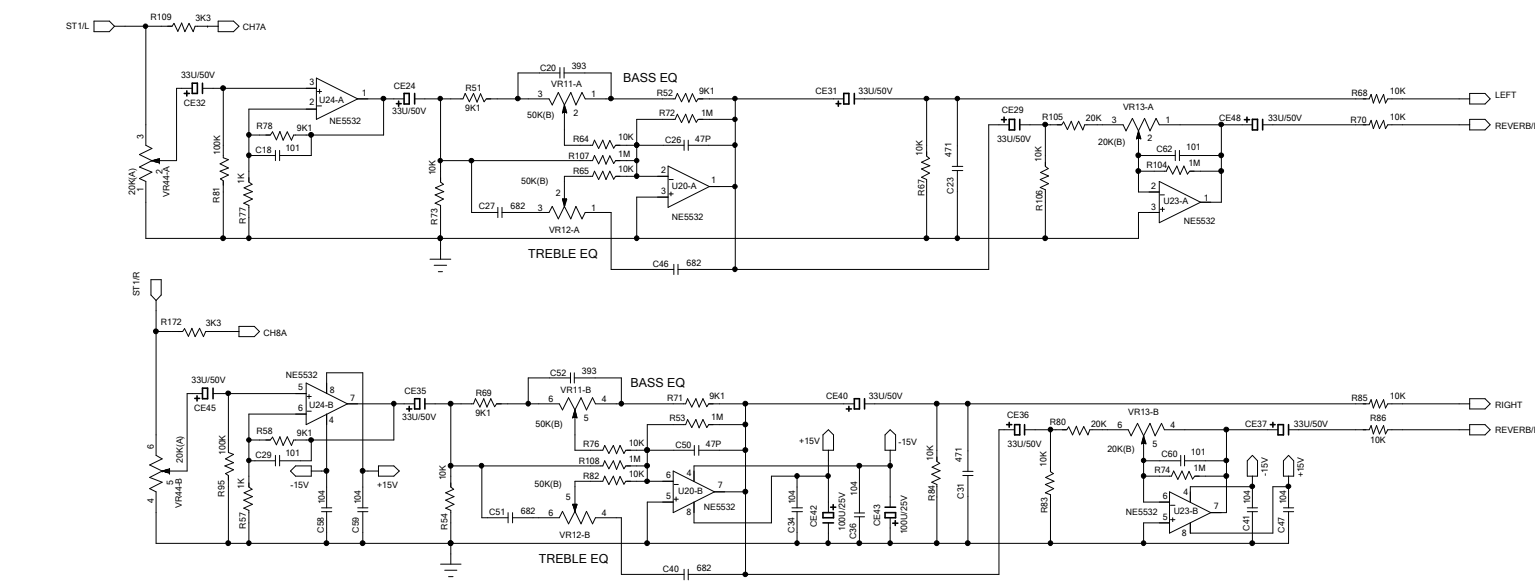
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Fender MUSICAL INSTRUMENTS
Corona, CA U.S.A.

CHECKED BY: _____
DATE: _____
APPROVED BY: _____
DATE: _____
DRAWN: S.Bankhead
ENGR: S.Bankhead
DATABASE FILE: Z2713S2.SCH

TITLE: SERVICE DIAGRAM, COMBINED
PASSPORT VENUE
MIXER
SIZE: D
DRAWING NUMBER: 2713CGP003
REV: A
RELEASE DATE: 07-FEB-14
SHEET: 3 OF 8

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PR2713	07-FEB-14	S.M.B.

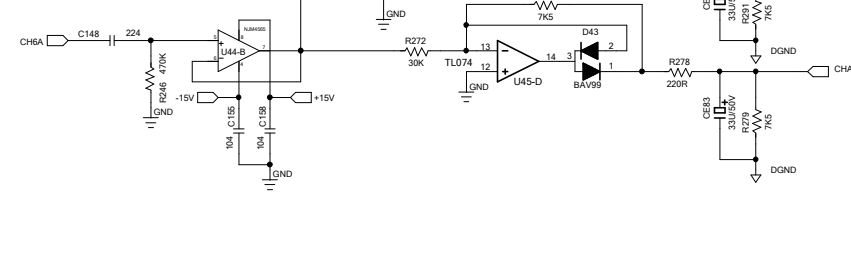
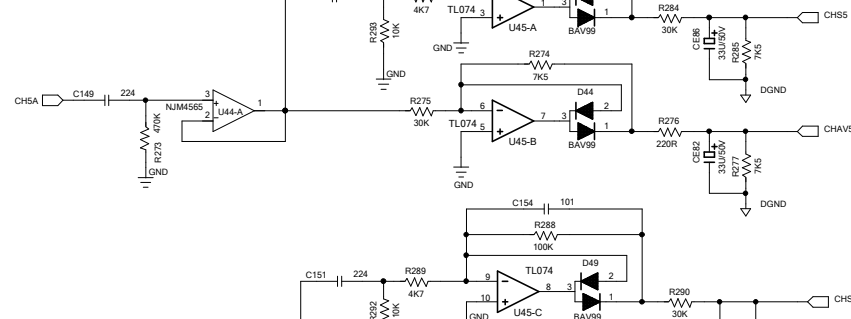
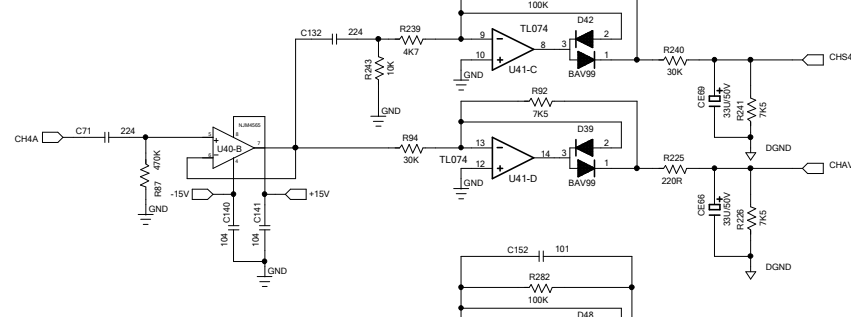
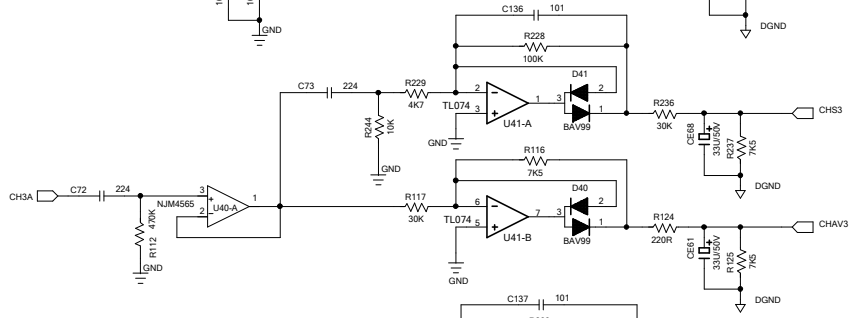
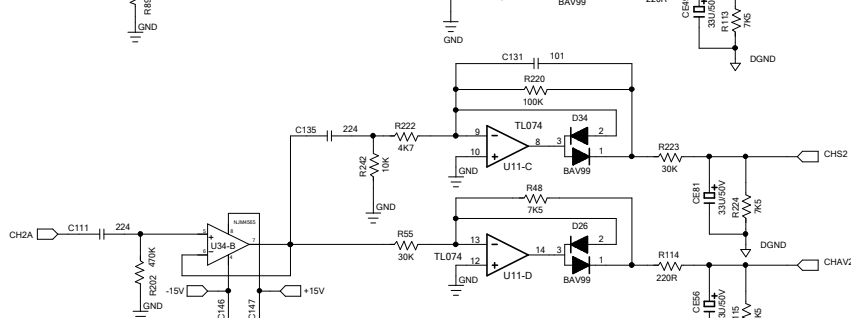
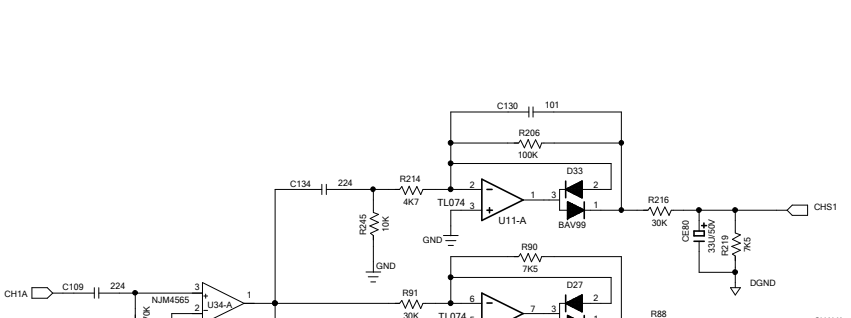
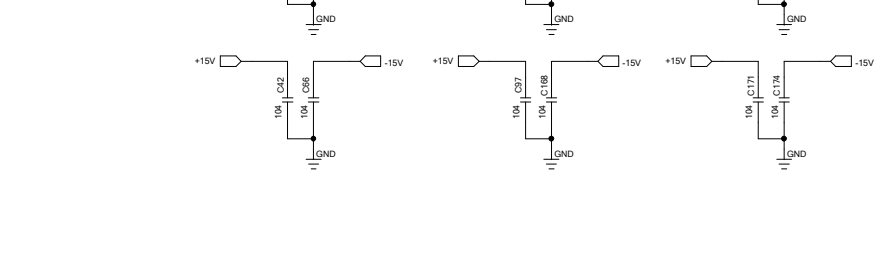
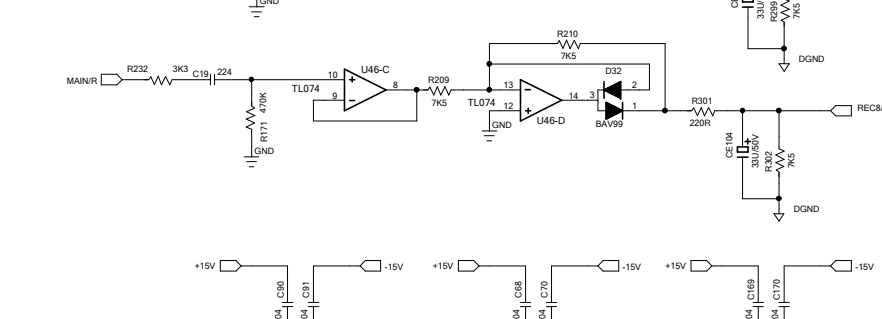
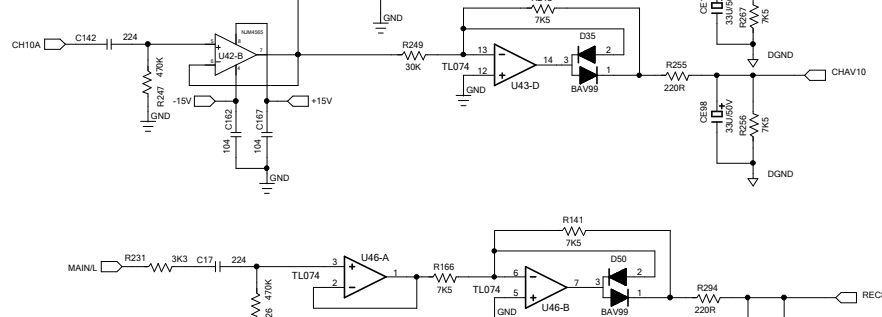
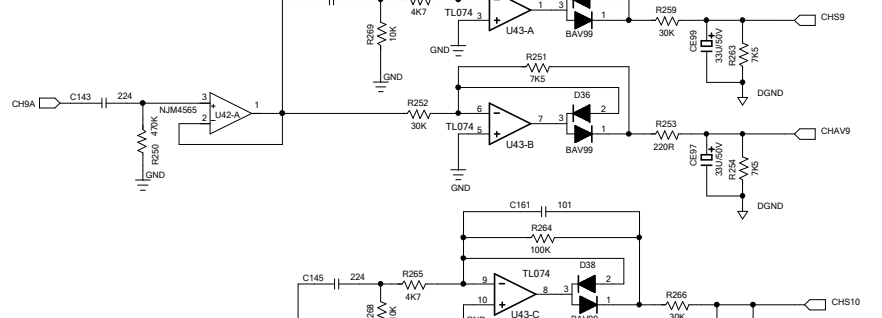
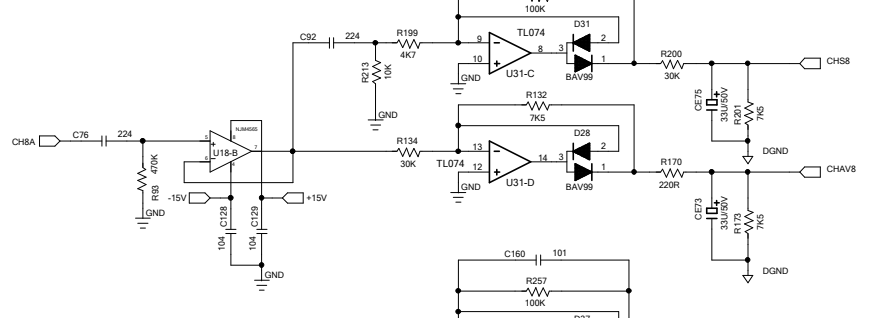
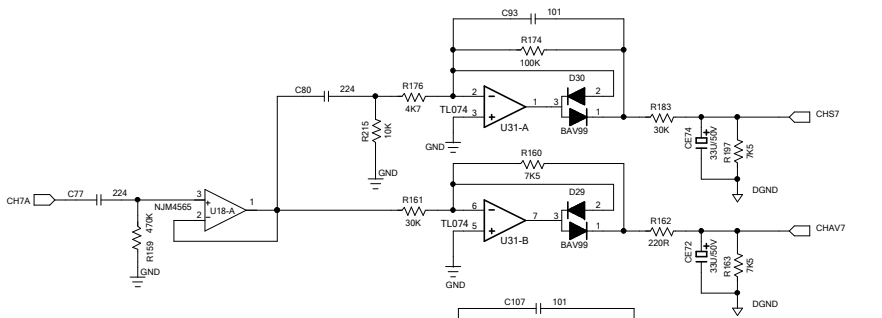
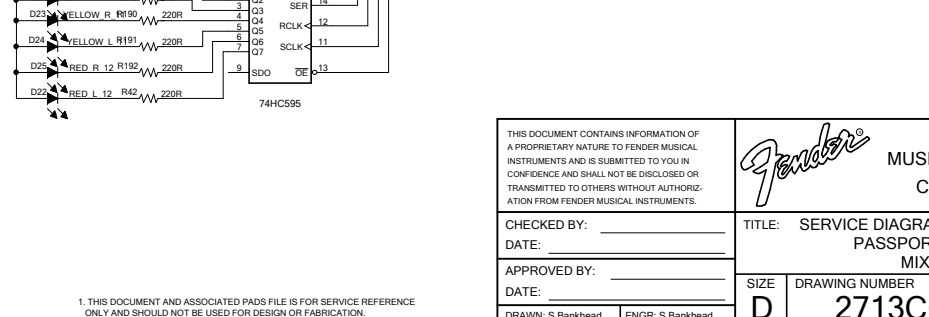
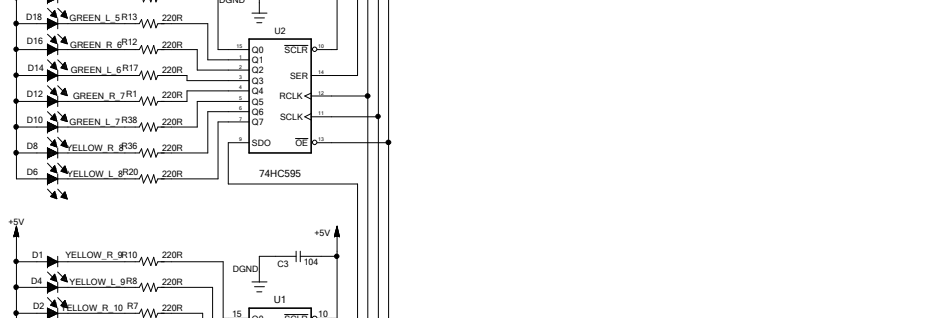
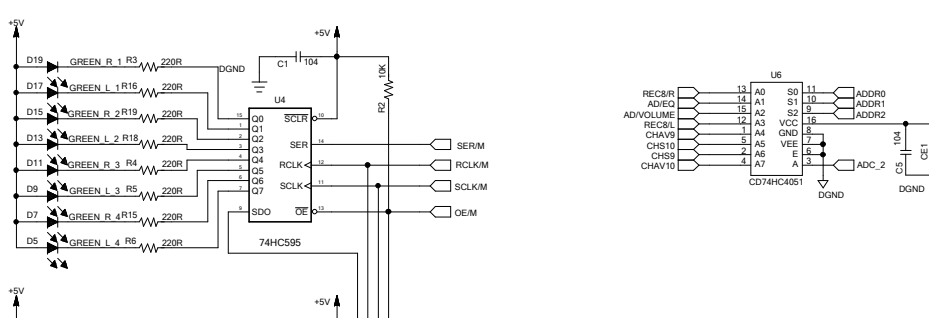
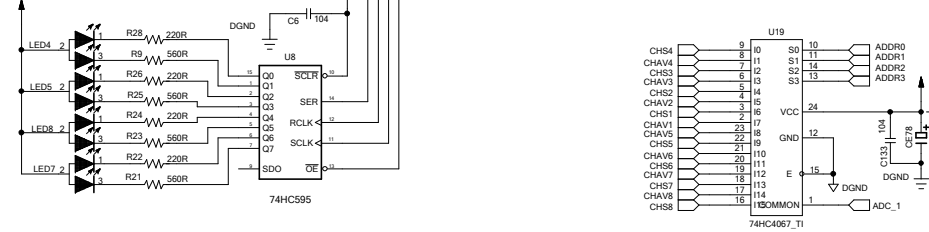
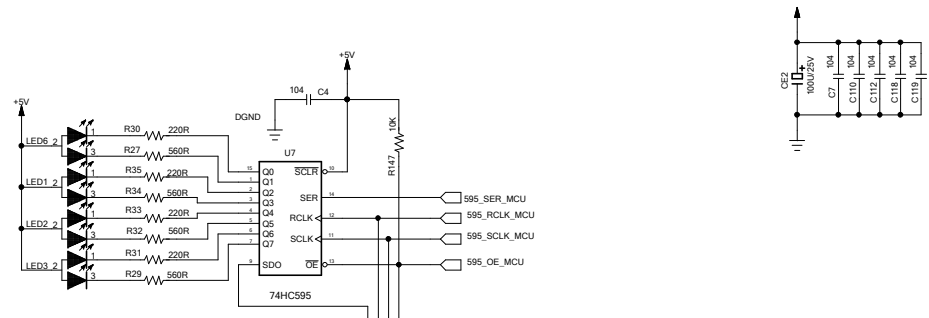
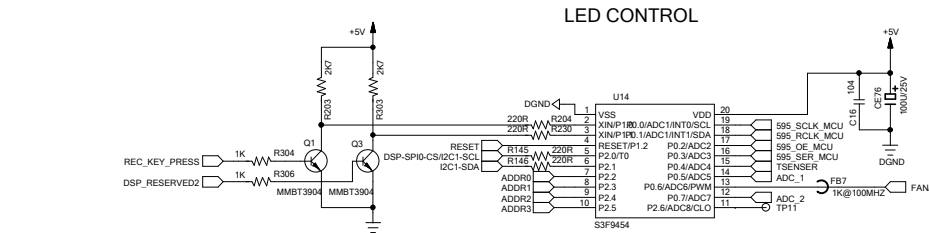


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CHECKED BY: _____ DATE: _____		TITLE: SERVICE DIAGRAM, COMBINED (schematic) PASSPORT VENUE MIXER			
APPROVED BY: _____ DATE: _____		SIZE D		DRAWING NUMBER 2713CGP003	
DRAWN: S. Bankhead DRAWING FILE: Z2713SG2.SCH		ENGR: S. Bankhead		REV. A	
RELEASE DATE: 07-FEB-2014			SHEET: 4 OF 8		

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PR2713	07-FEB-14	S.M.B.



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CHECKED BY: _____	TITLE: SERVICE DIAGRAM, COMBINED PASSPORT VENUE MIXER		
DATE: _____	SIZE: D DRAWING NUMBER: 2713CGP003 REV: A		
APPROVED BY: _____	RELEASE DATE: 07-FEB-2014 SHEET: 5 OF 8		
DATE: _____	DRAWN: S.Bankhead ENGR: S.Bankhead		
DATABASE FILE: Z2713S2.SCH			

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REV.	DESCRIPTION	DATE	APPROVED
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D

C

D

C

ACTIVE EQ

AUDIO IN FROM MIXER

PLAYER AND RECORD

A

A

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Checked by: _____
Approved by: _____
Date: _____

Database file: Z2713S2.SCH

Fender MUSICAL INSTRUMENTS
Corona, CA U.S.A.

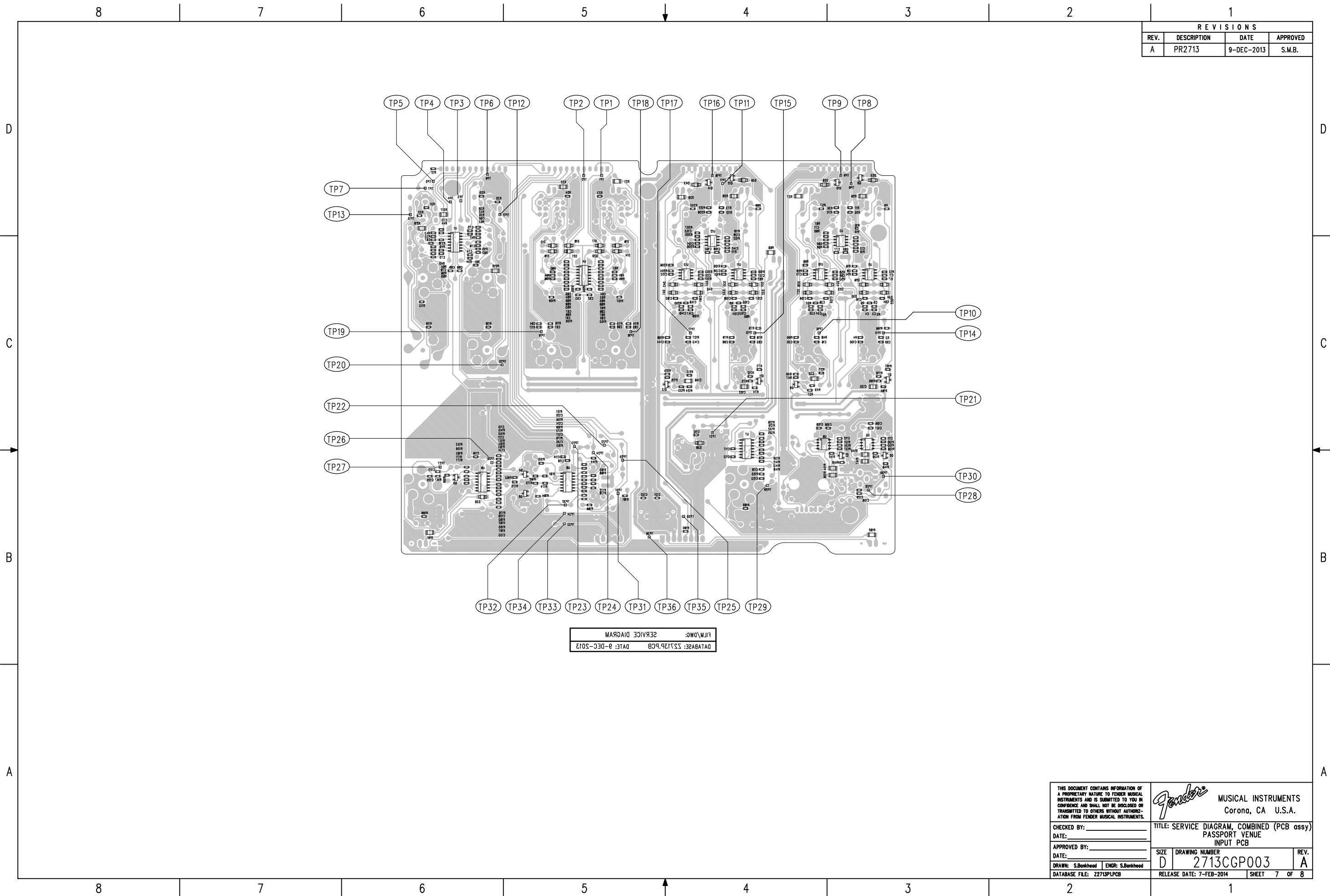
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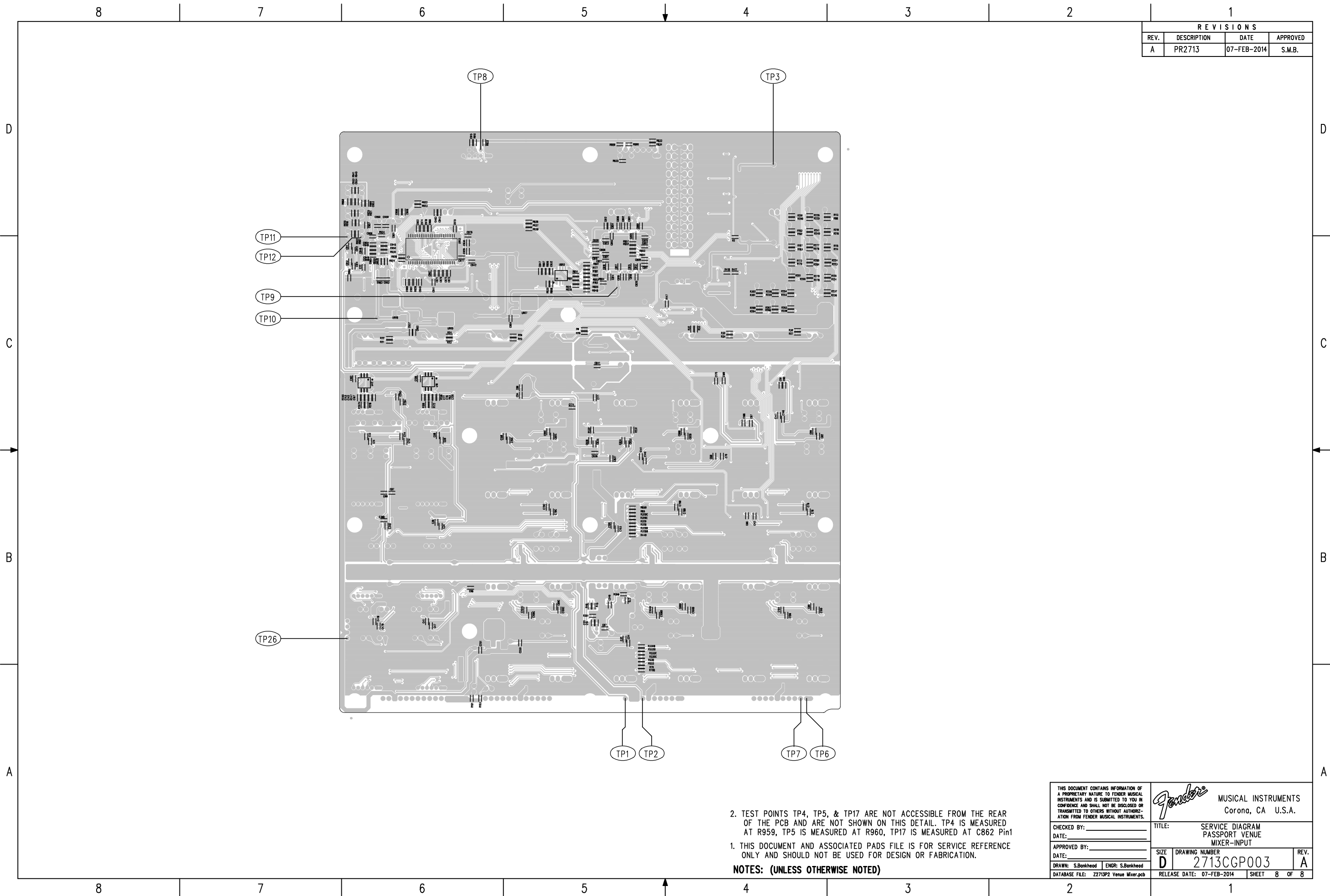
Size: D **Drawing Number:** 2713CGP003 **Rev:** A

Release Date: 07-FEB-2014 **Sheet:** 6 OF 8

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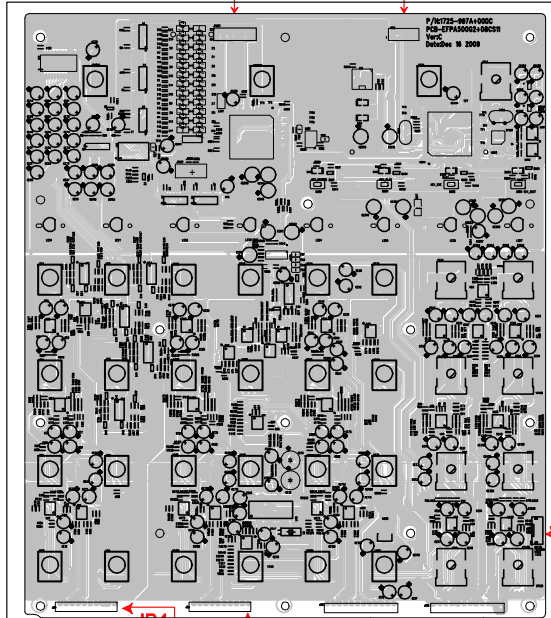




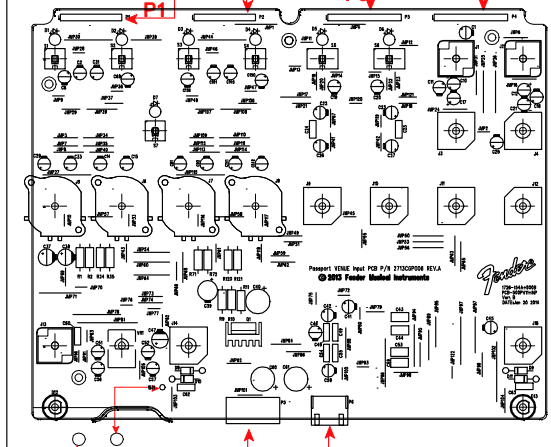
MIXER Board

DSP Software Test

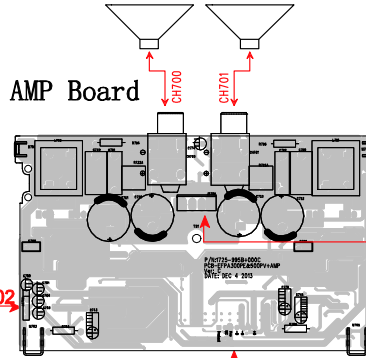
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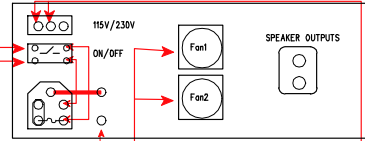
Input Board



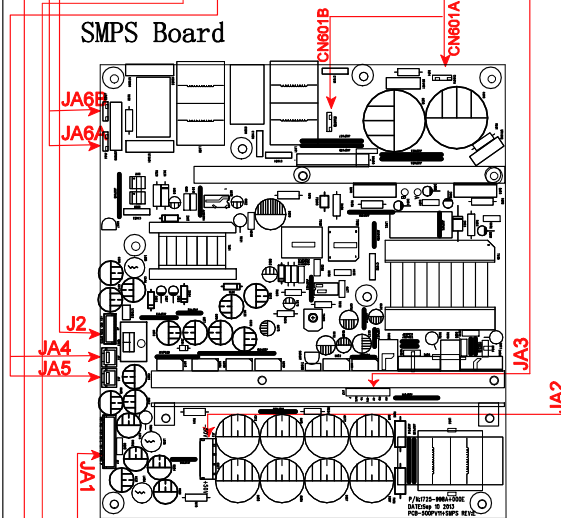
AMP Board



SMPS BOX



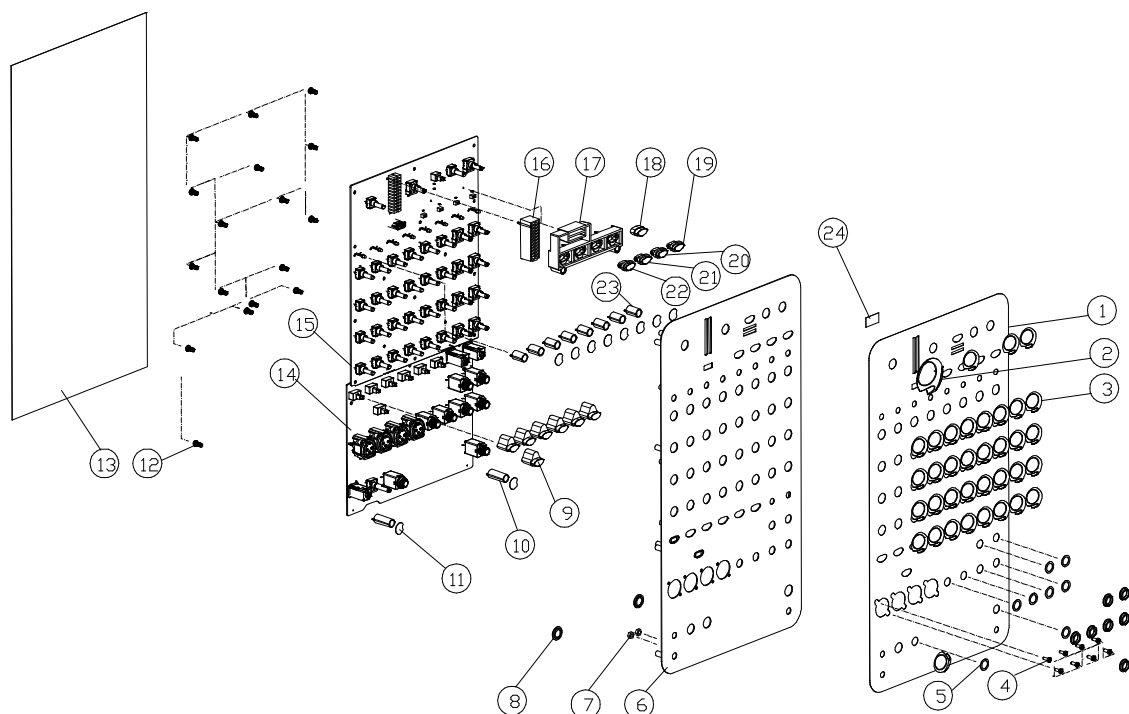
SMPS Board



Fender

PASSPORT

Wiring Diagram



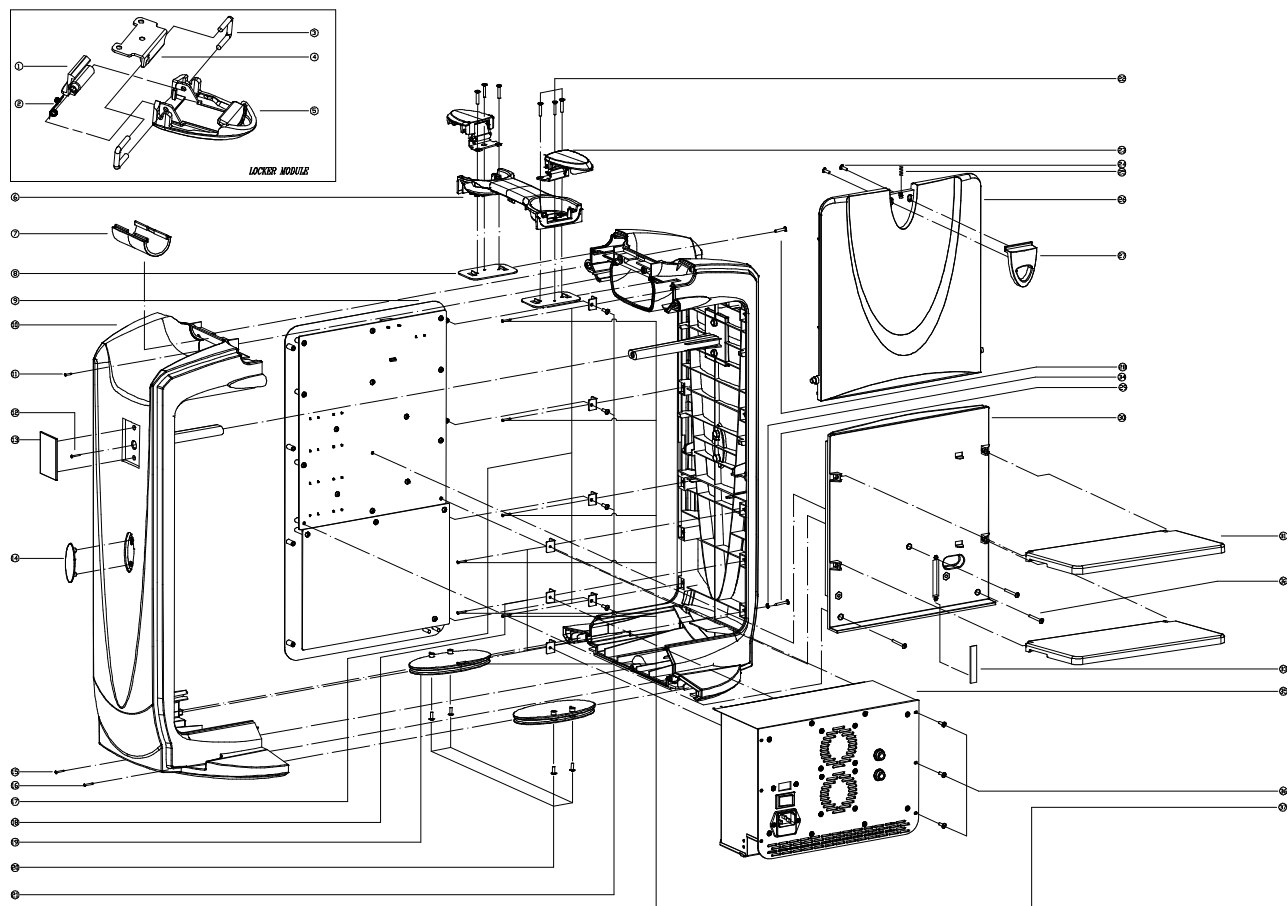
7706307000 Front Panel Ass'y Exploded View

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1	7706306000	PANEL FRONT PC PRINT	1	17	REF	BRACKET-KNOB	1
2	0079945000	KNOB-BIG	1	18	0079995000	CONTROL	1
3	0079944000	KNOB-SMALL	36	19	0079998000	RUBBER-KNOB SELECT	1
4	REF	SCREW 3X8	8	20	0079999000	RUBBER-KNOB-NEXT	1
5	REF	WASHER WAVE	8	21	0079996000	RUBBER KNOB-PRE	1
6	REF	PANEL FRONT SECC T=1	1	22	0079997000	RUBBER-KNOB-PLAY	1
7	REF	NUT HEX M4	2	23	REF	RUBBER-KNOB CONTROL	1
8	REF	GASKET PHONE JACK	2	24	REF	LED HOLDER D10X15.6	8
9	0079946000	RUBBER KNOB PAD	7			MEMBRANE-DIFFUSE	1
10	REF	HOLDER-LED D10X23.9	2				
11	REF	MEMBRANE-DIFFUSE	10				
12	REF	SCREW PH M3X8	17				
13	REF	SHEET-RETARDANT	1				
14	7706310000	INPUT PCB	1				
15	7706311000	MIXER PCB	1				
16	REF	BRACKET-LED ABS	1				

Fender

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Front Panel Ass'y Exploded View



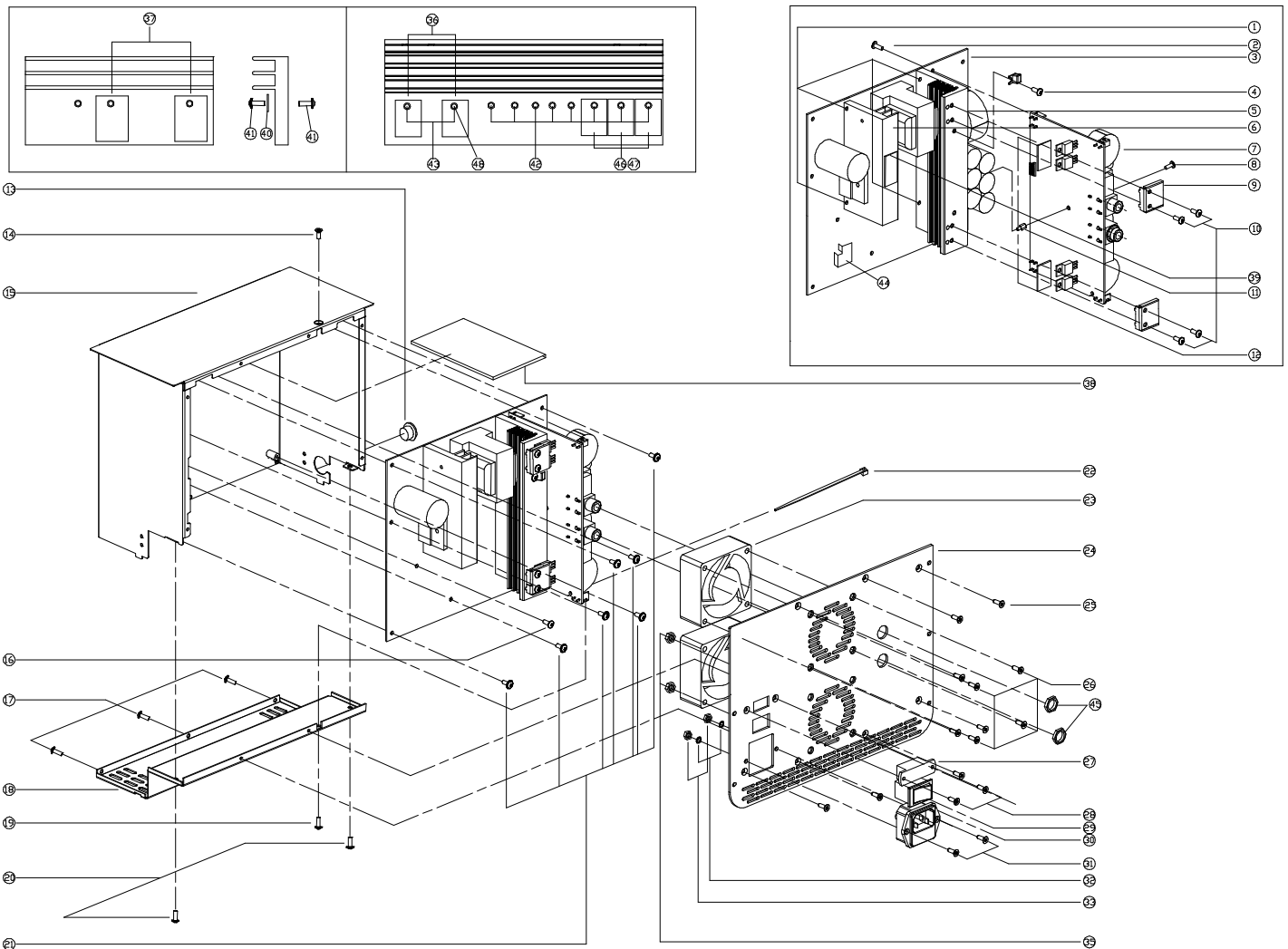
Main Unit Ass'y Exploded View

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1	REF	CATCH SAFETY ABS	1	22	REF	SCREW MACHINE FLAT	3X2
2	REF	SPRING-COIL 0.6	1	23	0079958000	LOCKER ASSY	2
3	REF	LATCH-LINK MILD STEEL	2	24	REF	SCREW B-TITE M3X8	2
4	REF	BRACKET-LOATCH HINGE	1	25	REF	COMPRESSION SPRING	1
5	REF	LATCH-TOP	1	26	0079956000	DOOR-REAR	1
6	REF	HANDLE-TOP	1	27	0079957000	LOCK-REAR DOOR	1
7	REF	HANDLE-RUBBER GRIP	1	28	REF	METAL SCREW M4*16	1
8	REF	BRACKET-HANDLE SECC	2	29	REF	SCREW B-TITE 4x25	1
9	REF	FRONT PANEL ASSY	1	30	0079968000	PARTITION-MAIN	1
10	0079966000	CABINET-MAIN	2	31	0079967000	PARTITION INTERLAYER	2
11	REF	METAL SCREW M4*16	1	32	REF	SCREW PH M3X 21	3
12	REF	SCREW B-TITE 4x25	1	33	REF	PC SHEET	1
13	7706304000	BADGE-FENDER	2	35	7706308000	SMPS& ASSY	1
14	0079953000	CABINET-SPRUE CAP	2	36	REF	SCREW S-TITE 3X8	3X2
15	REF	SCREW B-TITE 4x25	1	37	REF	SCREW S-TITE 3X8	7X2
16	REF	SCREW B-TITE 4x25	1				
17	REF	PLATE-PANEL MOUNTING	4X2				
18	REF	REAR PANEL MOUNTIN	3X2				
19	REF	LOCKER-TROLLEY	2				
20	REF	SCREW B-TITE M3X10	2X2				
21	REF	SCREW D3X6 S-TITE	4X2				

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Main Unit Ass'y Exploded View



SMPS & AMP Ass'y Exploded View

Fender **PASSPORT**
 SMPS & AMP Ass'y Exploded View

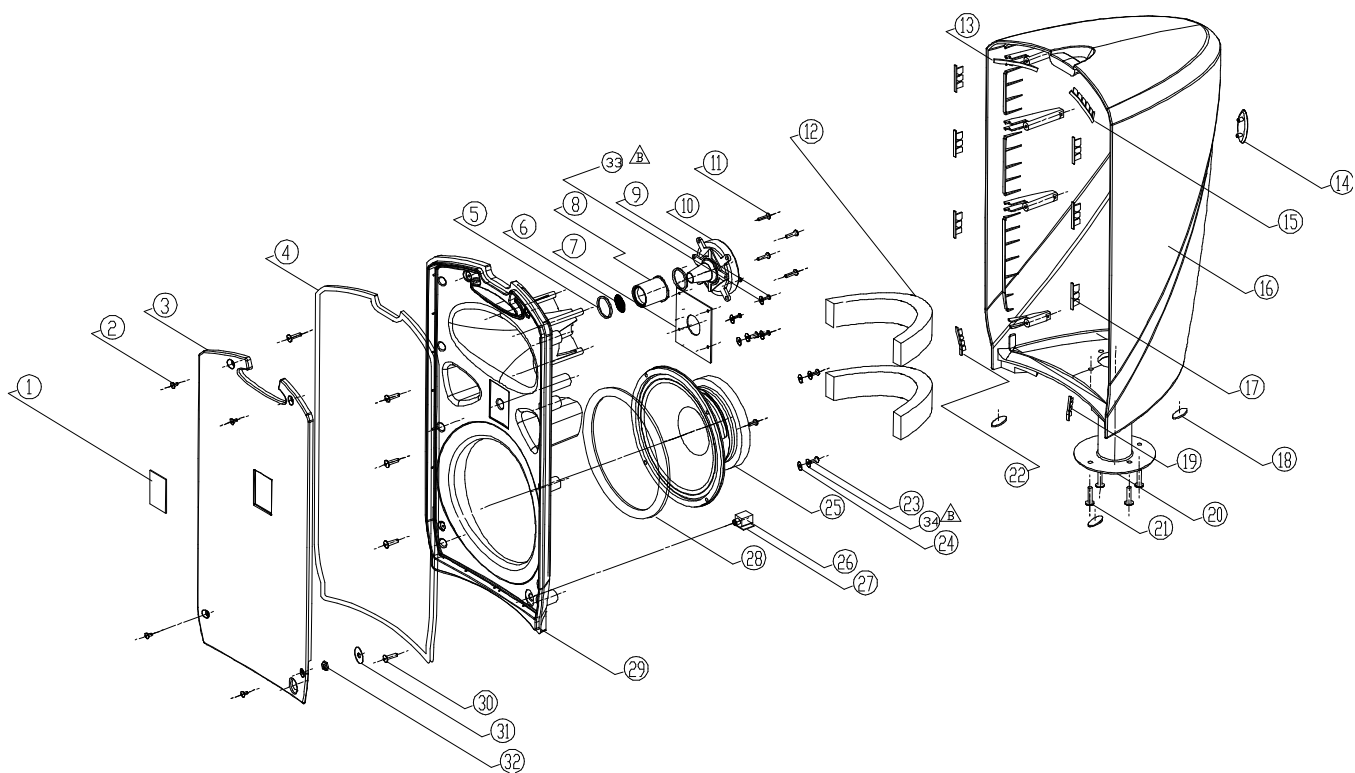
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4	REF	PCB ASSY SMPS	1
5	REF	MS SCREW M3X6	1
6	REF	H/S PWRM&	1
7	REF	H/S PWRM&	1
8	REF	H/S AMP	1
9	REF	H/S AMP	1
10	7706309000	PCB ASSY AMP	1
11	REF	PCB ASSY AMP	1
12	REF	MS SCREW M3X6	1
13	REF	BRACKET-AMP IC	2
14	REF	SCREW M3X10	4
15	REF	SPINDLE M3X6.3	1
16	REF	INSULATN-SHEET	2
17	REF	PLASTIC BUSHING	1
18	REF	SCREW 3X6	1
19	REF	COVER B BOX	1
20	REF	COVER B BOX	1
21	REF	SCREW M3X8	1
22	REF	SCREW M3X6	3
23	REF	COVER A BOX	1
24	REF	SCREW M3X6	1
25	REF	SCREW M3X6	2
26	REF	SCREW 3X10	7
27	REF	CABLE TIE	1
28	0079969000	FAN 24V	1
29	REF	FAN 24V	2
30	REF	PANEL-REAR	1
31	REF	PANEL-REAR	1
32	REF	M3X8 C'SINK	8

NO.	PART NO.	DESCRIPTION	QTY
26	REF	SCREW	4
27	REF	SCREW	8
28	0074484000	SW AC SELECTOR	1
29	REF	SCREW M3X8	2
30	0079954000	SWITCH POWER	1
31	0079950000	AC INLET SOCKET	1
32	REF	SCREW M3X12	2
33	REF	WASHER SPRING	2
34	REF	M3 NUT NI	2
35	REF	NUT HEX M4	2
36	REF	MICA T-400	2
37	REF	INSULATN-SHEET	2
38	REF	INSULATN-SHEET	2
39	REF	MICA 0.64MM	2
40	REF	INSULATION SHEET	1
41	REF	LABEL-HS	1
42	REF	METAL SHEET	2
43	REF	SCREW M3X12	3
44	REF	SCREW M3*8	8
45	REF	SCREW M3X10	2
46	REF	SHIELD SPT	1
47	REF	NUT PLASTIC M10	2
48	REF	MICA T-400	3
49	REF	BUSHING TO-220A	3
50	REF	BRACKET IC	1

Fender

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SMPS & AMP Ass'y Exploded View



7706315000 Speaker Ass'y Exploded View

NO.	PART NO.	DESCRIPTION	QTY	NO.	PART NO.	DESCRIPTION	QTY
1	7706305000	BADGE GRILL PLASTIC 300P E	1	20	0070422000	BUTT PLUG BOTTOM PP	1
2	REF	SCREW B-TITE FLAT-CS M3X 10 CS-RECESS BZ	4	21	REF	BLK EFPA300G2+08CS11	4
3	0079961000	GRILLE SPEAKER SPCC T=1 BLK 300G2	1	22	REF	BRACKET-BOTTOM ABS	1
4	REF	RUBBER GASKET-BAFFLE 18.6X8	1.515	23	REF	BLACK EFPA300G2+08CS11	8
5	REF	FOAM GASKET 29*26 SP11625	1	24	REF	SCREW B-TITE BIND M4X14 CS-RECESS BZ	8
6	REF	PROTECTION GAUZE DIA29 SP11626	1	25	7706313000	WASHER METAL M4X1.2X12 BZ	8
7	7706314000	XOVER	1	26	0079947000	T5919_GPE TF1020 4ohm	1
8	REF	BUSHING-TWEETER BAFFLE ABS BLK EFPA300G2+07CS11	1	27	0079977000	SOCKET PHOONE 4P	1
9	REF	SCREW B-TITE PH M3X 12 M M YZ CROSS W/ WASHER	4	28	REF	PCB INPUT JACK S/S	1
10	7706297000	T5912 1 INCH DRIVER 8 OHM	1	29	REF	EVA GASKET 5*500	1.5
11	REF	SCREW 4X18 B/H B-TITE BLK ZN	4	30	REF	BAFFLE FRONT PP BLK COM 500PV	1
12	REF	KAM193 WOOL 260*115*25GR	2	31	REF	SCREW B-TITE BH M5X 20 M M BZ CROSS	9
13	REF	BRACKET-TOP ABS BLACK EFPA300G2+08CS11	1	32	REF	WASHER SPECIAL 11.2X1.0X18 BZ	1
14	REF	COVER-INJECTION GATE SPK CABINET PP BK EFPA300G2	1	33	REF	NUT HEX 7/16-20 BZ	1
15	REF	BRACKET R-TOP ABS BLACK EFPA300G2+08CS11	1	34	REF	METAL WASHER M3X0.4X8 BZ	4
16	0079959000	CABINET-SPEAKER MAIN PP BLACK EFPA300G2+07CS11	1			SPRING WASHER M4X0.8X6.5	2
17	REF	BRACKET-SIDE ABS BLACK EFPA300G2+08CS11	6	PASSPORT			
18	REF	RUBBER FOOT 26X8X2	3				
19	REF	BRACKET R-BOTTOM ABS BLK EFPA300G2+08CS11	1				

Fender **PASSPORT**
Speaker Ass'y Exploded View