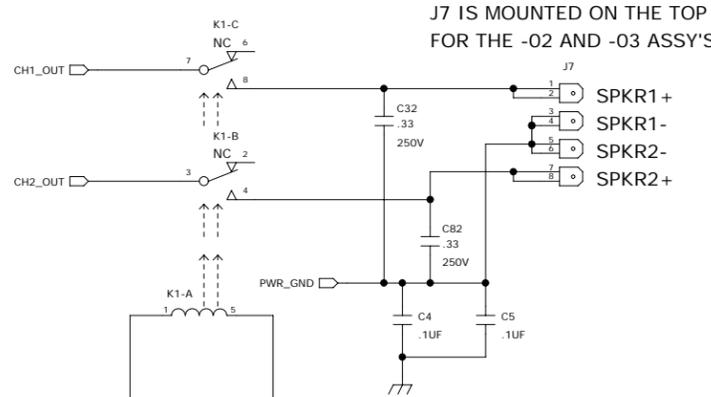


* SEE TABLE ON THIS SHEET

-00 IS 500 WATT VERSION FOR PPM		
-01 IS 300 WATT VERSION FOR PPM		
-02 IS 500 WATT VERSION FOR PPM1012		
-03 IS VERSION FOR THE SRM 1801/TH18S		
-04 IS 500 WATT VERSION FOR HD SPKRS		
	-00/-02/-03/-04	-01
Q1-4	0024057 FDP33N25	2034486 IRFB5620PBF
D20,22	0004127 MMSZ5259B (39V)	0004131 MMSZ5250B (20V)
C37,38	0024044	NO STUFF
FOR -04 J1 IS VERTICAL, PN 0005168-07		
FOR -03 J7 IS HORIZONTAL, PN 0029682		



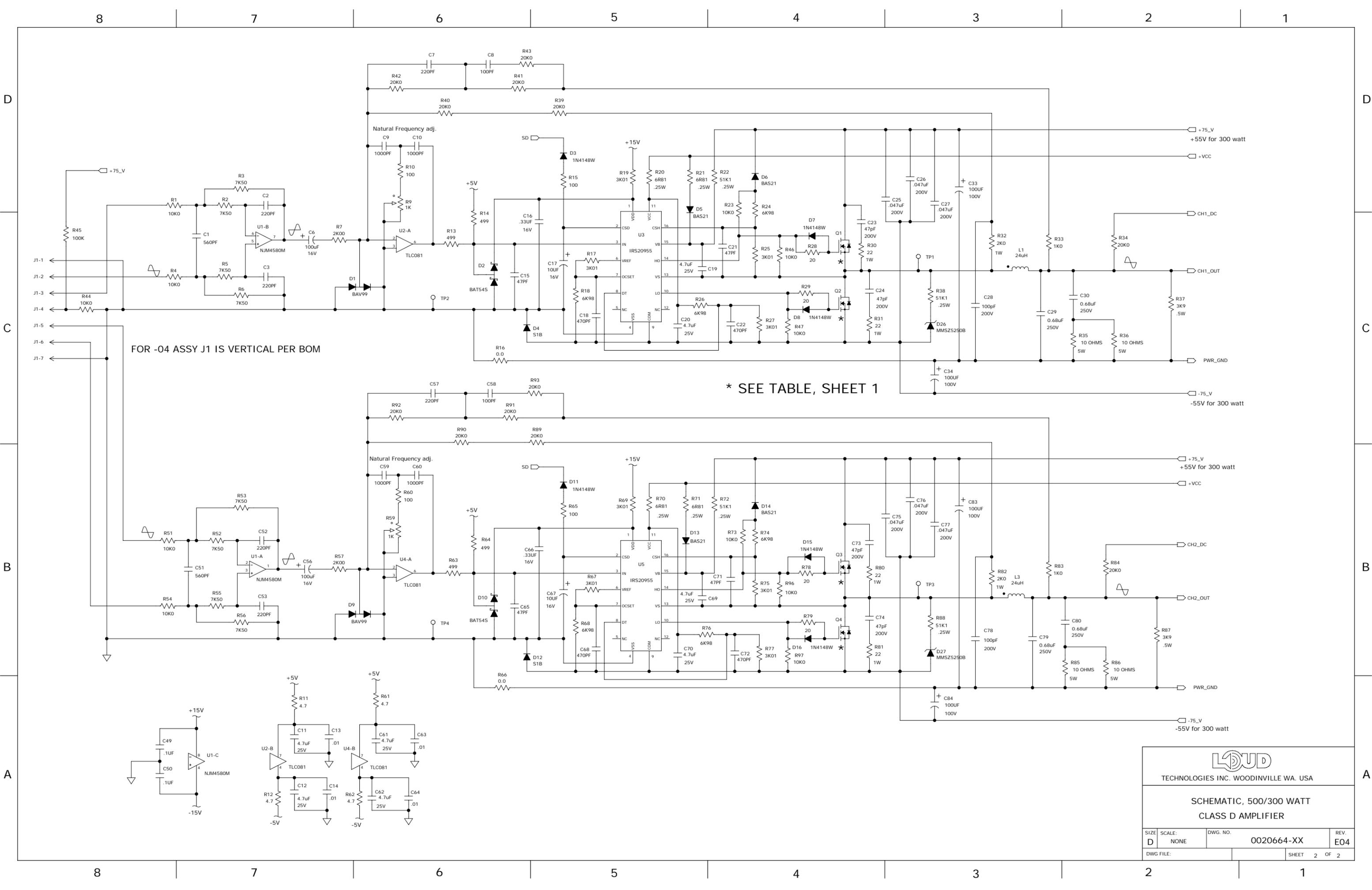
J7 IS MOUNTED ON THE TOP FOR THE -02 AND -03 ASSY'S

- SCH1 0020664-XX SCHEMATIC PCB ASSY
- PCB1 0020665-04 PCB FAB 500/300 W CLASS D AMP
- Z11 0008320-04 STDF SWAGE M3 X 8MM 4.7 DIA
- Z10 0008320-04 STDF SWAGE M3 X 8MM 4.7 DIA
- Z9 0008320-04 STDF SWAGE M3 X 8MM 4.7 DIA
- Z8 0008320-04 STDF SWAGE M3 X 8MM 4.7 DIA
- Z6 0008320-04 STDF SWAGE M3 X 8MM 4.7 DIA
- Z2 Z3 Z4 Z5 HEATSINK MTG HOLES
- Z7 0008320-04 STDF SWAGE M3 X 8MM 4.7 DIA
- Z12 0020065-12 SCREW M3 X 0.5 X 12MM PAN MCH SEMS-ETLW PH STL BLKZC
- Z13 0020065-12 SCREW M3 X 0.5 X 12MM PAN MCH SEMS-ETLW PH STL BLKZC
- Z14 0020065-12 SCREW M3 X 0.5 X 12MM PAN MCH SEMS-ETLW PH STL BLKZC
- Z15 0020065-12 SCREW M3 X 0.5 X 12MM PAN MCH SEMS-ETLW PH STL BLKZC
- Z16 410-005-00 INSL SILPAD TO-220
- Z17 410-005-00 INSL SILPAD TO-220
- Z18 410-005-00 INSL SILPAD TO-220
- Z19 410-005-00 INSL SILPAD TO-220
- Z20 0022831 EXTRUSION MACHINED HEATSINK - POWERED MIXERS
- Z21 0022832 BRACKET TRANSISTOR MOUNTING - POWERED MIXERS
- Z22 0020075-08 SCREW M3.5 X 0.6 X 8MM PAN MCH SEMS-HSLW PH STL CLRZC
- Z23 0020075-08 SCREW M3.5 X 0.6 X 8MM PAN MCH SEMS-HSLW PH STL CLRZC
- Z24 0020075-08 SCREW M3.5 X 0.6 X 8MM PAN MCH SEMS-HSLW PH STL CLRZC
- Z25 0020075-08 SCREW M3.5 X 0.6 X 8MM PAN MCH SEMS-HSLW PH STL CLRZC
- Z26 0021206 TIE WRAP 4.5" LG
- Z27 0021206 TIE WRAP 4.5" LG
- Z50 2035233 INSULATOR VALOX FR-1 1- X 15 X 0.2MM PLACED BETWEEN Q5 AND CLAMP FOR -03 ASSY ONLY
- Z51 2034504 SILICONE RTV NON-FLOWABLE PASTE ADD PER BOM NOTES ON -03 ASSY

NOTE: FOR BOM IMPORT OF -02, USE -00 FILE.

APPROVALS	DATE	<p>16220 WOOD-RED RD NE WOODINVILLE, WA 98072</p>
DRAWN: RJ	3/05/2008	
CHECKED:		
NP ENG:		
MATERIAL:		
MFG:		
<p>SCHMATIC, 500/300 W CLASS D AMP CONNECTORS / PROTECTION</p>		REV. E04
SIZE: D	SCALE: NONE	DWG. NO. 0020664-XX
MFG ENG:		
ISSUED:		
DWG FILE:		SHEET 1 OF 2

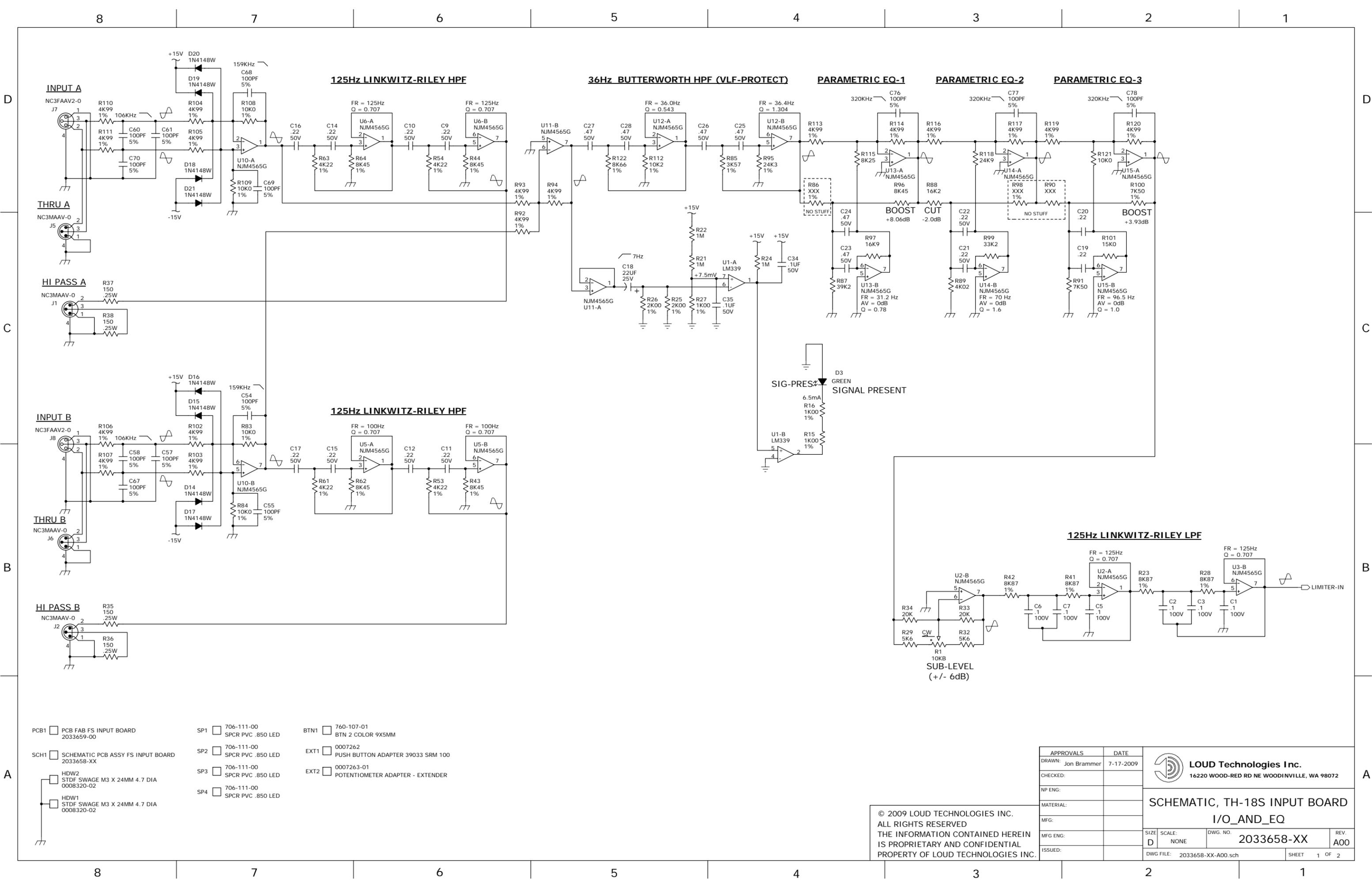
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FOR -04 ASSY J1 IS VERTICAL PER BOM

* SEE TABLE, SHEET 1

 TECHNOLOGIES INC. WOODINVILLE WA. USA			
SCHEMATIC, 500/300 WATT CLASS D AMPLIFIER			
SIZE: D	SCALE: NONE	DWG. NO. 0020664-XX	REV. E04
DWG FILE:		SHEET 2 OF 2	

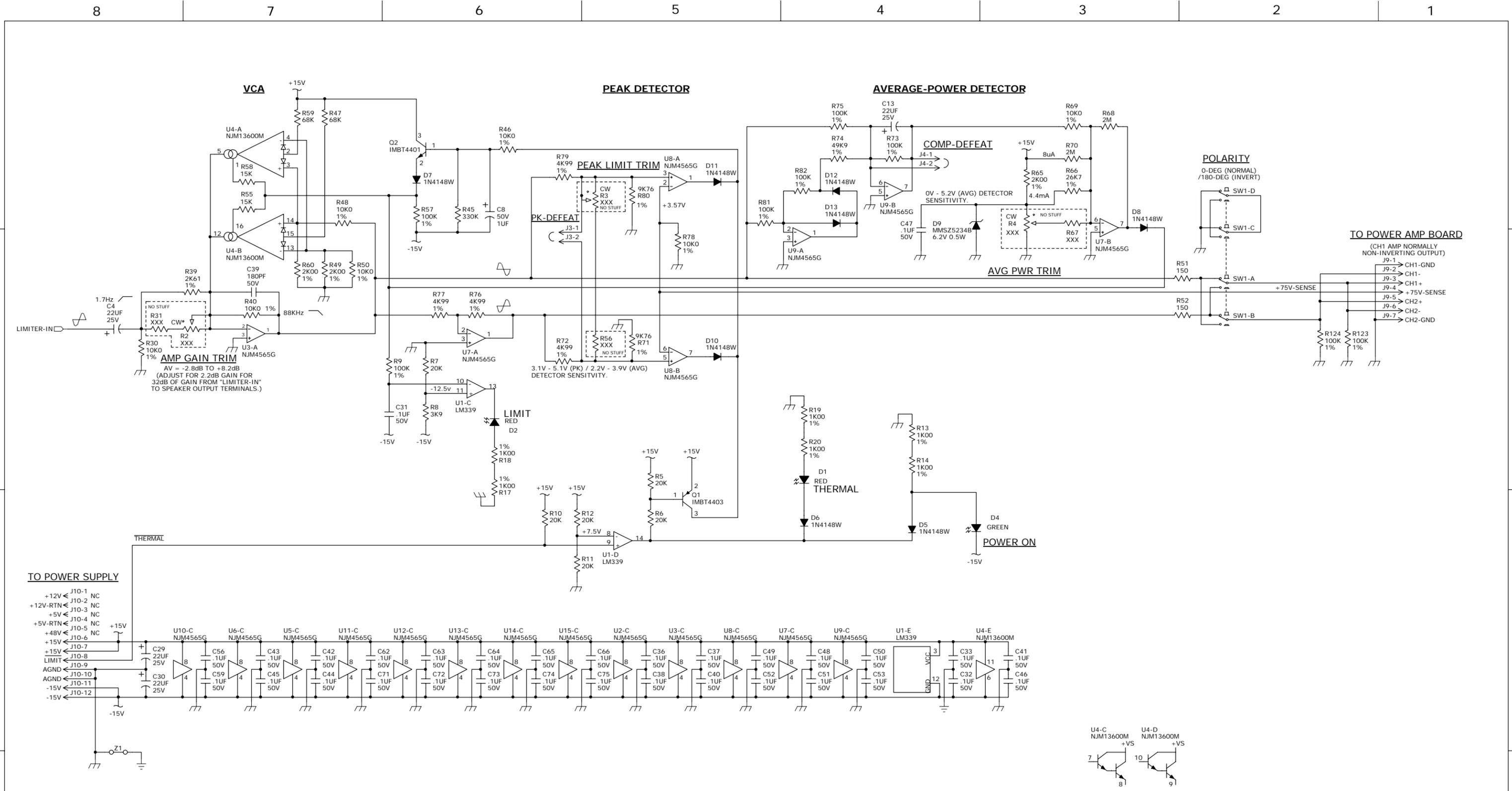


- PCB1 PCB FAB FS INPUT BOARD 2033659-00
- SCH1 SCHEMATIC PCB ASSY FS INPUT BOARD 2033658-XX
- HDW2 STDF SWAGE M3 X 24MM 4.7 DIA 0008320-02
- HDW1 STDF SWAGE M3 X 24MM 4.7 DIA 0008320-02
- SP1 706-111-00 SPCR PVC .850 LED
- SP2 706-111-00 SPCR PVC .850 LED
- SP3 706-111-00 SPCR PVC .850 LED
- SP4 706-111-00 SPCR PVC .850 LED
- BTN1 760-107-01 BTN 2 COLOR 9X5MM
- EXT1 0007262 PUSH BUTTON ADAPTER 39033 SRM 100
- EXT2 0007263-01 POTENTIOMETER ADAPTER - EXTENDER

APPROVALS	DATE
DRAWN: Jon Brammer	7-17-2009
CHECKED:	
NP ENG:	
MATERIAL:	
MFG:	
MFG ENG:	
ISSUED:	

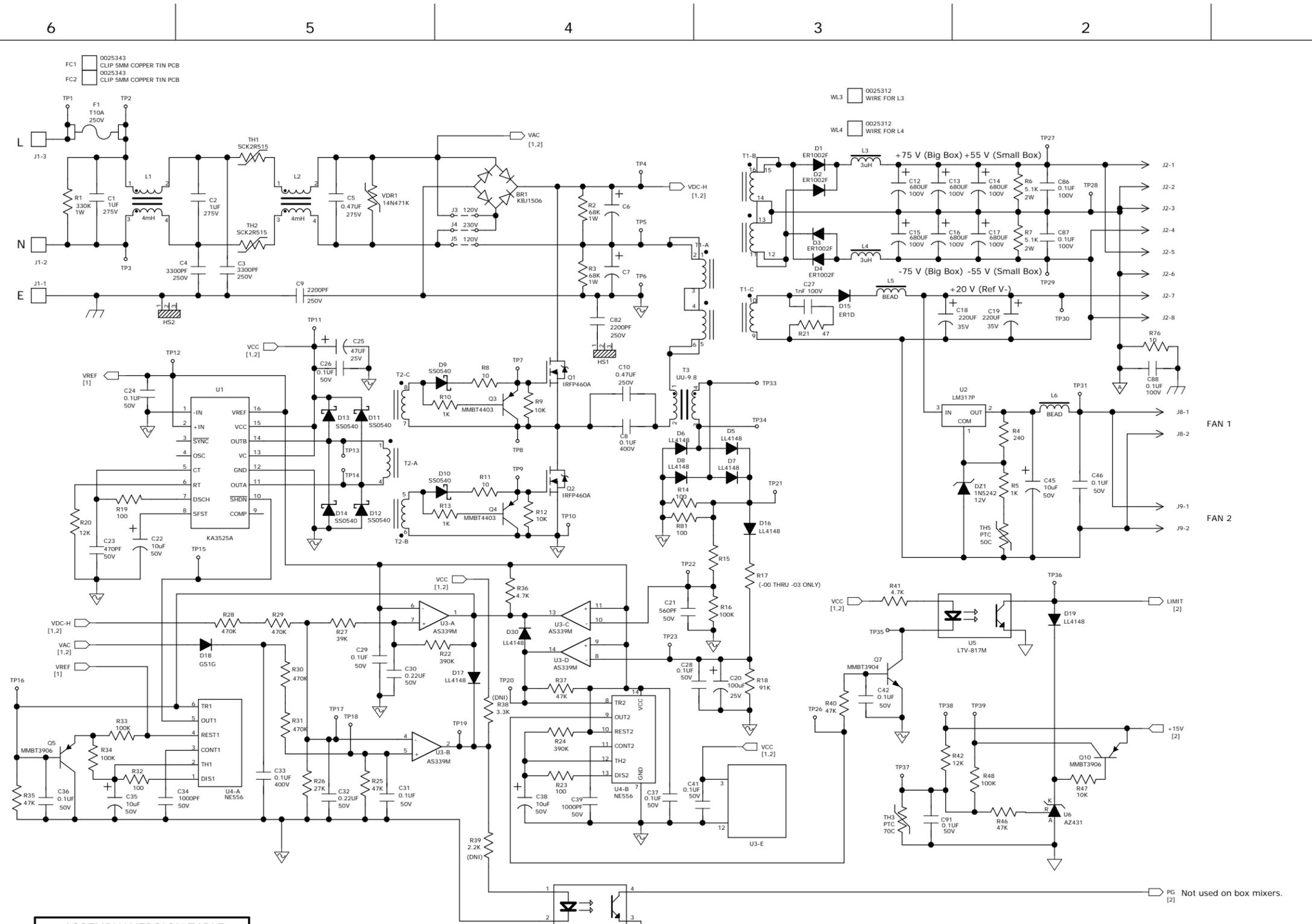
LOUD Technologies Inc.	
16220 WOOD-RED RD NE WOODINVILLE, WA 98072	
SCHEMATIC, TH-18S INPUT BOARD	
I/O_AND_EQ	
SIZE: D	SCALE: NONE
DWG. NO. 2033658-XX	REV. A00
DWG FILE: 2033658-XX-A00.sch	SHEET 1 OF 2

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APPROVALS	DATE	 LOUD Technologies Inc. 16220 WOOD-RED RD NE WOODINVILLE, WA 98072
DRAWN: Jon Brammer	7-17-2009	
CHECKED:		
NP ENG:		
MATERIAL:		
MFG:		
MFG ENG:		SCHEMATIC, TH-18S INPUT BOARD COMPRESSOR_LIMITER
ISSUED:		SIZE: D SCALE: NONE DWG. NO. 2033658-XX REV. A00 DWG FILE: 2033658-XX-A00.sch SHEET 2 OF 2

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HARDWARE

- SCR1 0024371 SCREW M3X10
- SCR2 0024371 SCREW M3X10
- SCR3 0024371 SCREW M3X10
- SCR4 0024371 SCREW M3X10
- SCR5 0024371 SCREW M3X10
- SCR6 0024371 SCREW M3X10
- SCR7 0024371 SCREW M3X10
- SCR8 0024371 SCREW M3X10
- SCR9 0024371 SCREW M3X10
- SCR10 0024371 SCREW M3X10

- SCR11 0026672 SCREW M3X12
- SCR12 0026672 SCREW M3X12
- SCR13 0026672 SCREW M3X12

- SCR14 701-016-00 5-20X5/16 PPHPI TYP B BLK
- SCR15 701-016-00 5-20X5/16 PPHPI TYP B BLK
- SCR16 701-016-00 5-20X5/16 PPHPI TYP B BLK
- SCR17 701-016-00 5-20X5/16 PPHPI TYP B BLK
- SCR18 701-016-00 5-20X5/16 PPHPI TYP B BLK
- SCR19 701-016-00 5-20X5/16 PPHPI TYP B BLK

- WSH1 0026697 WASHER 3.2X6.2X1
- WSH2 0026697 WASHER 3.2X6.2X1
- WSH3 0026697 WASHER 3.2X6.2X1
- WSH4 0026697 WASHER 3.2X6.2X1
- WSH5 0026697 WASHER 3.2X6.2X1
- WSH6 0026697 WASHER 3.2X6.2X1

- WSH7 0021419 WASHER 3X6X2.69
- WSH8 0021419 WASHER 3X6X2.69

- INS1 0021424 INSULATOR 18X13X0.1
- INS4 0021424 INSULATOR 18X13X0.1

- INS2 0025433 INSULATOR 25X20X0.1
- INS3 0025433 INSULATOR 25X20X0.1

- E1 0008320-04 STDFSWAGEM3XBMMFLF
- E2 0008320-04 STDFSWAGEM3XBMMFLF
- E3 0008320-04 STDFSWAGEM3XBMMFLF
- E4 0008320-04 STDFSWAGEM3XBMMFLF
- E5 0008320-04 STDFSWAGEM3XBMMFLF
- E6 0008320-04 STDFSWAGEM3XBMMFLF
- E7 0008320-04 STDFSWAGEM3XBMMFLF

- Z2 2034504 SILICONE RTV NON-FLOWABLE PASTE
ADD PER GLUE DETAIL
DWG ON ALL ASSY'S.

ASSEMBLY VERSION TABLE	
-00	SMALL BOX 120V VERSION
-01	SMALL BOX 230V VERSION
-02	BIG BOX 120V VERSION
-03	BIG BOX 230V VERSION
-04	FS 120V VERSION
-03	FS 240V VERSION

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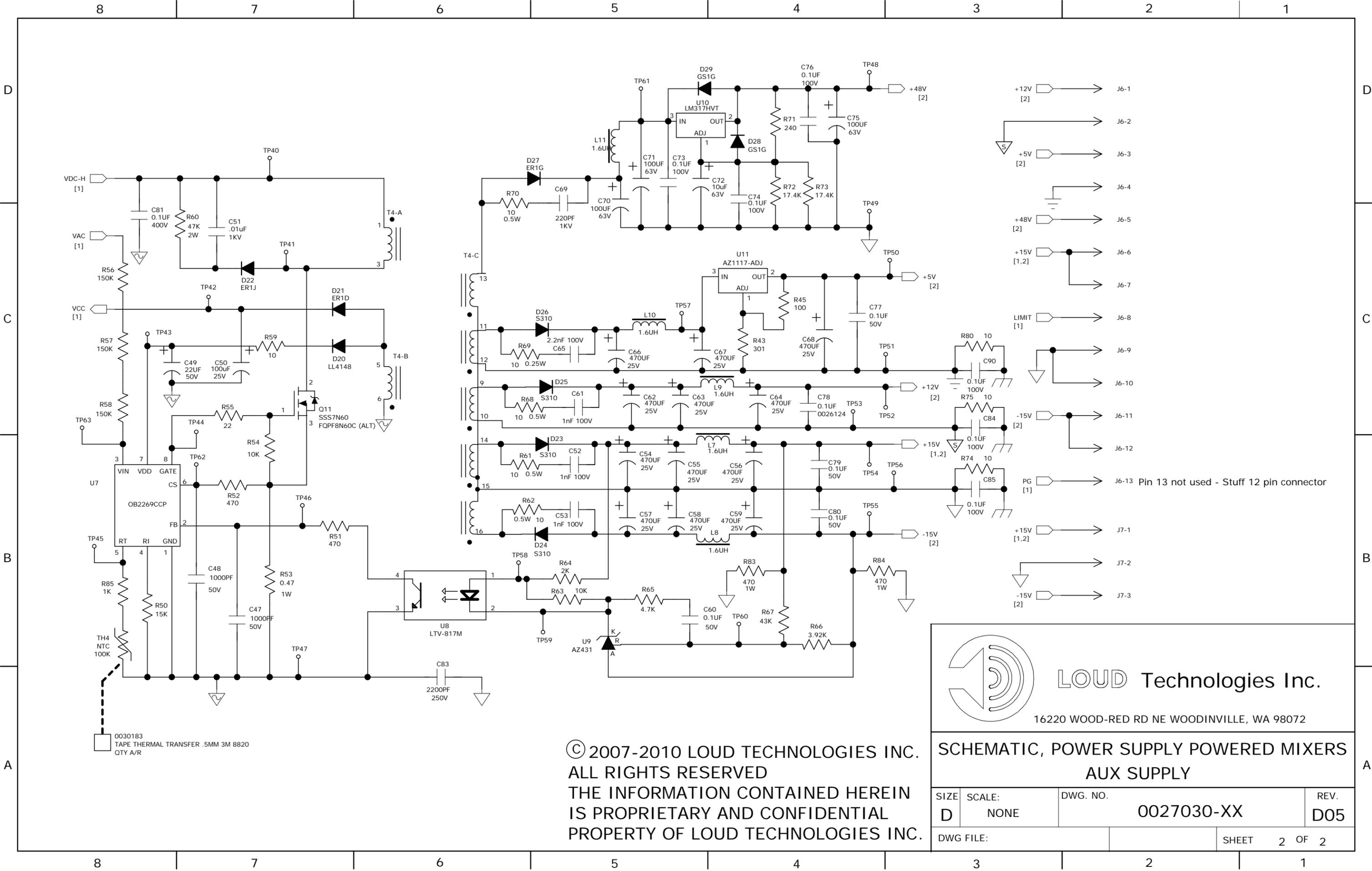
APPROVALS	DATE
DRAWN: RJ	6/25/2008
CHECKED:	
NP ENG:	
MATERIAL:	
MFG:	
MFG ENG:	
ISSUED:	



LOUD Technologies Inc.
 16220 WOOD-RED RD NE WOODINVILLE, WA 98072

**SCHEMATIC, POWER SUPPLY POWERED MIXERS
 MAIN SUPPLY**

SIZE: D	SCALE: NONE	DWG. NO. 0027030-XX	REV. D05
DWG FILE:		SHEET 1 OF 2	



8 7 6 5 4 3 2 1

D

D

C

C

B

B

A

A

0030183
TAPE THERMAL TRANSFER .5MM 3M 8820
QTY A/R

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LOUD Technologies Inc.
16220 WOOD-RED RD NE WOODINVILLE, WA 98072

**SCHEMATIC, POWER SUPPLY POWERED MIXERS
AUX SUPPLY**

SIZE	SCALE:	DWG. NO.	REV.
D	NONE	0027030-XX	D05
DWG FILE:		SHEET	2 OF 2