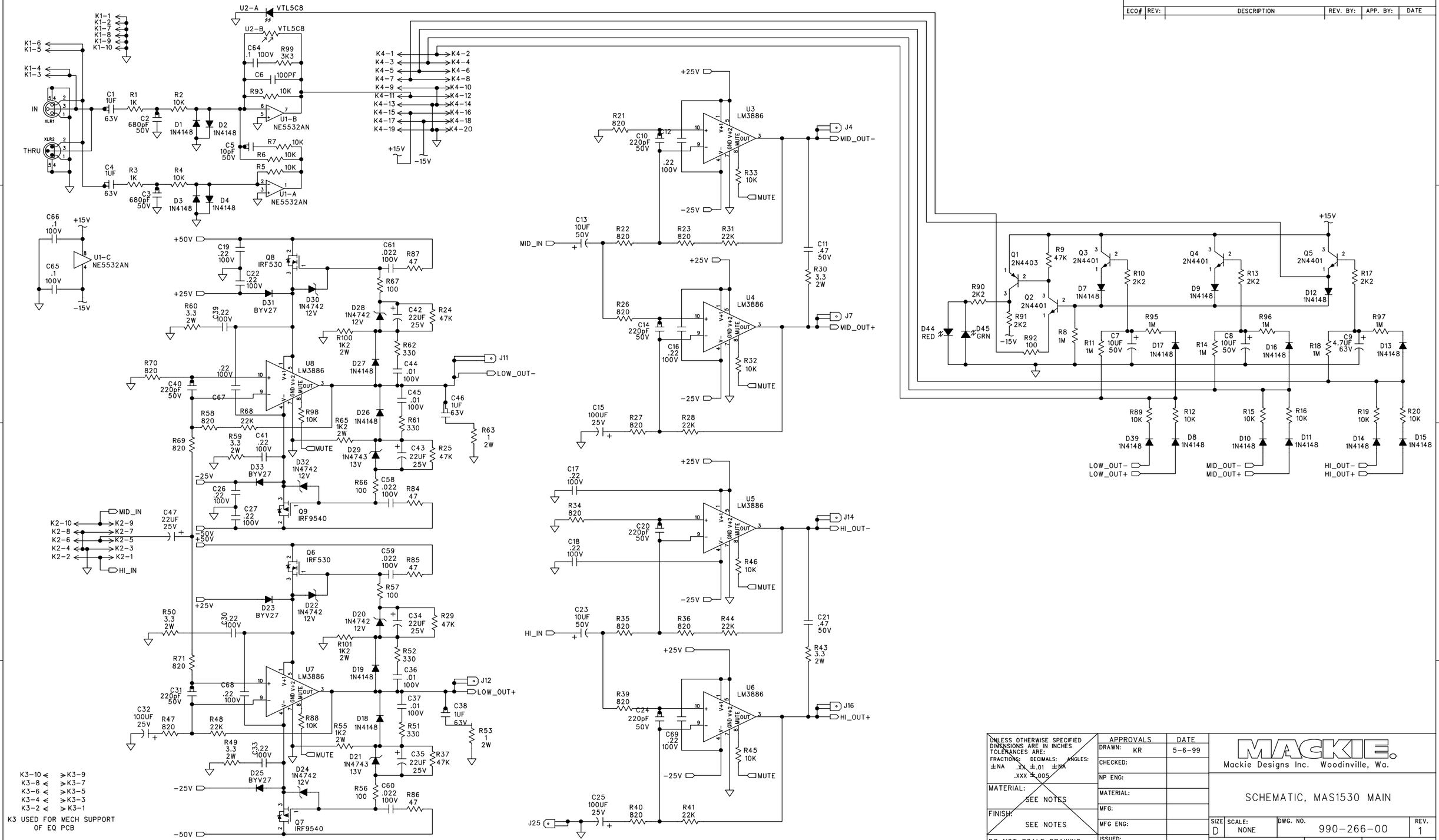
DWG. NO.	SHT	REV:
990-266-00	1	1

ECO#	REV:	DESCRIPTION	REV. BY:	APP. BY:	DATE



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS: DECIMALS: ANGLES: ±NA .XX ±.01 ±NA .XXX ±.005	APPROVALS	DATE
	DRAWN: KR	5-6-99
	CHECKED:	
	NP ENG:	
MATERIAL: SEE NOTES	MATERIAL:	
FINISH: SEE NOTES	MFG:	
	MFG ENG:	
DO NOT SCALE DRAWING	ISSUED:	

MACKIE.
Mackie Designs Inc. Woodinville, Wa.

SCHEMATIC, MAS1530 MAIN

SIZE	SCALE:	DWG. NO.	REV.
D	NONE	990-266-00	1

DWG FILE: SHEET 1 OF 2

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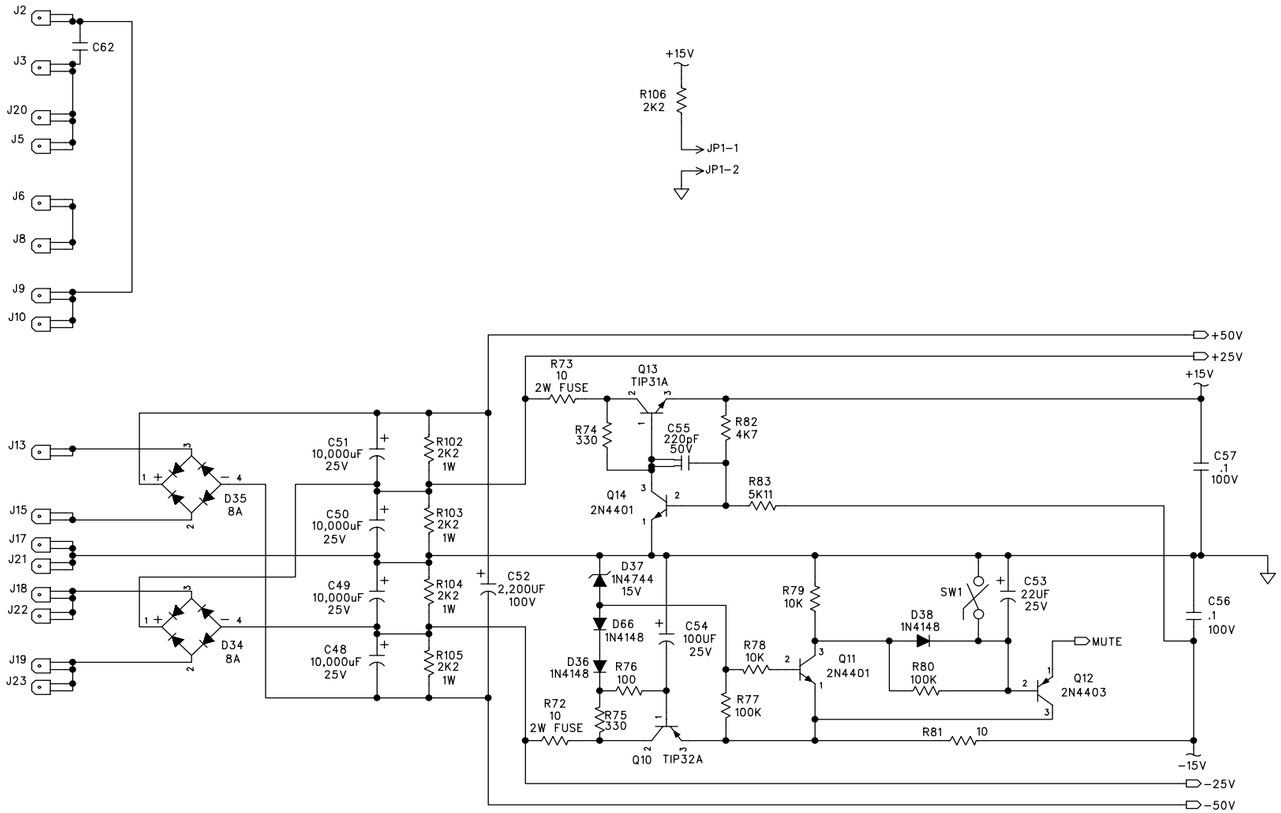
DWG. NO.	SHT	REV:
990-266-00	2	1

ECO#	REV:	DESCRIPTION	REV. BY:	APP. BY:	DATE

HEATSINK BAR MOUNTING SCREW HOLES

H1 H2 H3 H4 H5 H6

P1 & P2 ARE GROUNDING OPTION JUMPERS



H7 H8 H9 H10 H11

H12 H13 H14 15 H16

Z1

450-266-00
PCB, MAS1530 MAIN

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS: DECIMALS: ANGLES:
±NA .XX ±.01 ±NA
.XXX ±.005

MATERIAL: SEE NOTES

FINISH: SEE NOTES

DO NOT SCALE DRAWING

APPROVALS	DATE
DRAWN:	
CHECKED:	
NP ENG:	
MATERIAL:	
MFG:	
MFG ENG:	
ISSUED:	

MACKIE.
Mackie Designs Inc. Woodinville, Wa.

SCHEMATIC, MAS1530 MAIN

SIZE	SCALE:	DWG. NO.	REV.
D	NONE	990-266-00	1

DWG FILE: SHEET 2 OF 2

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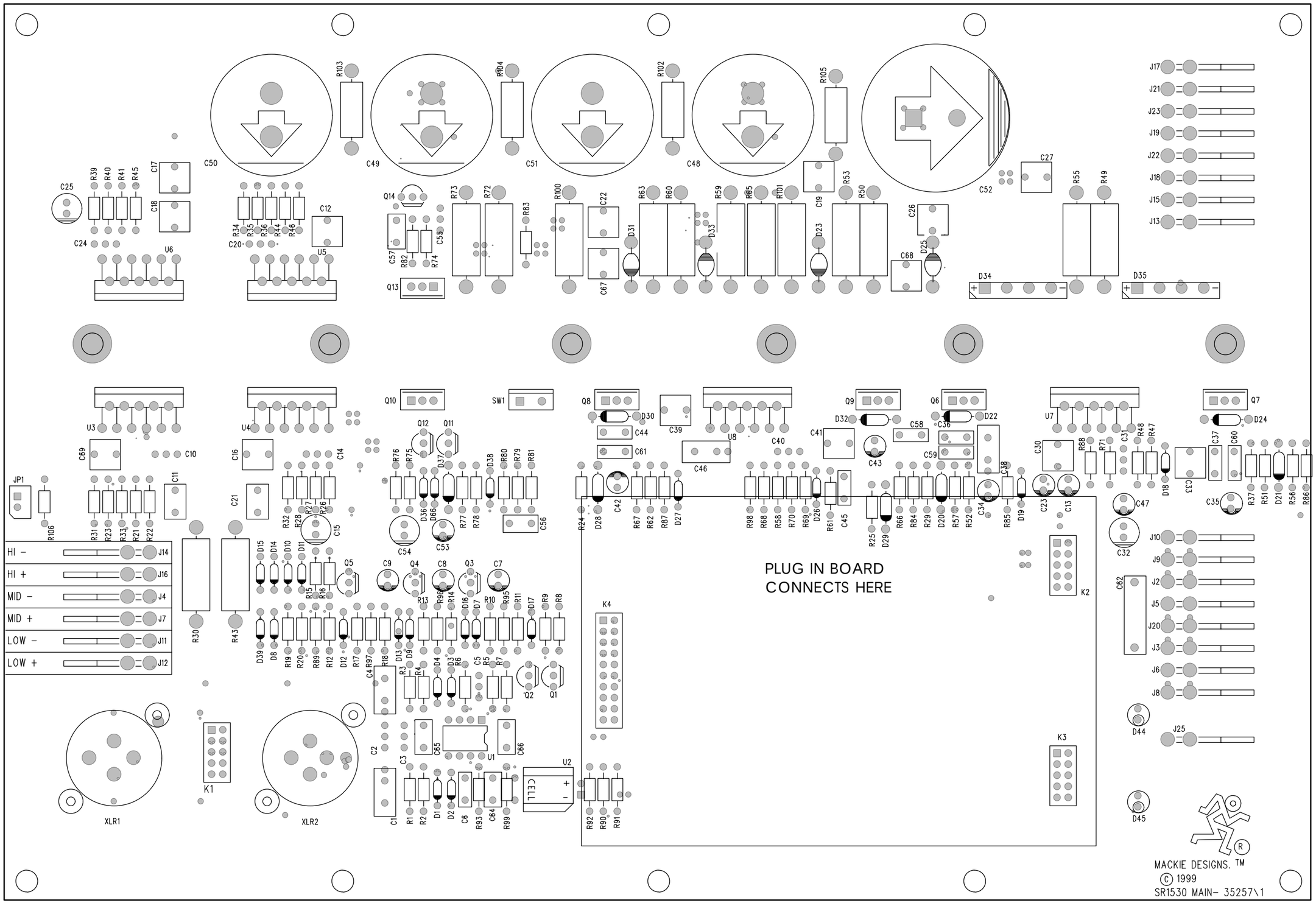
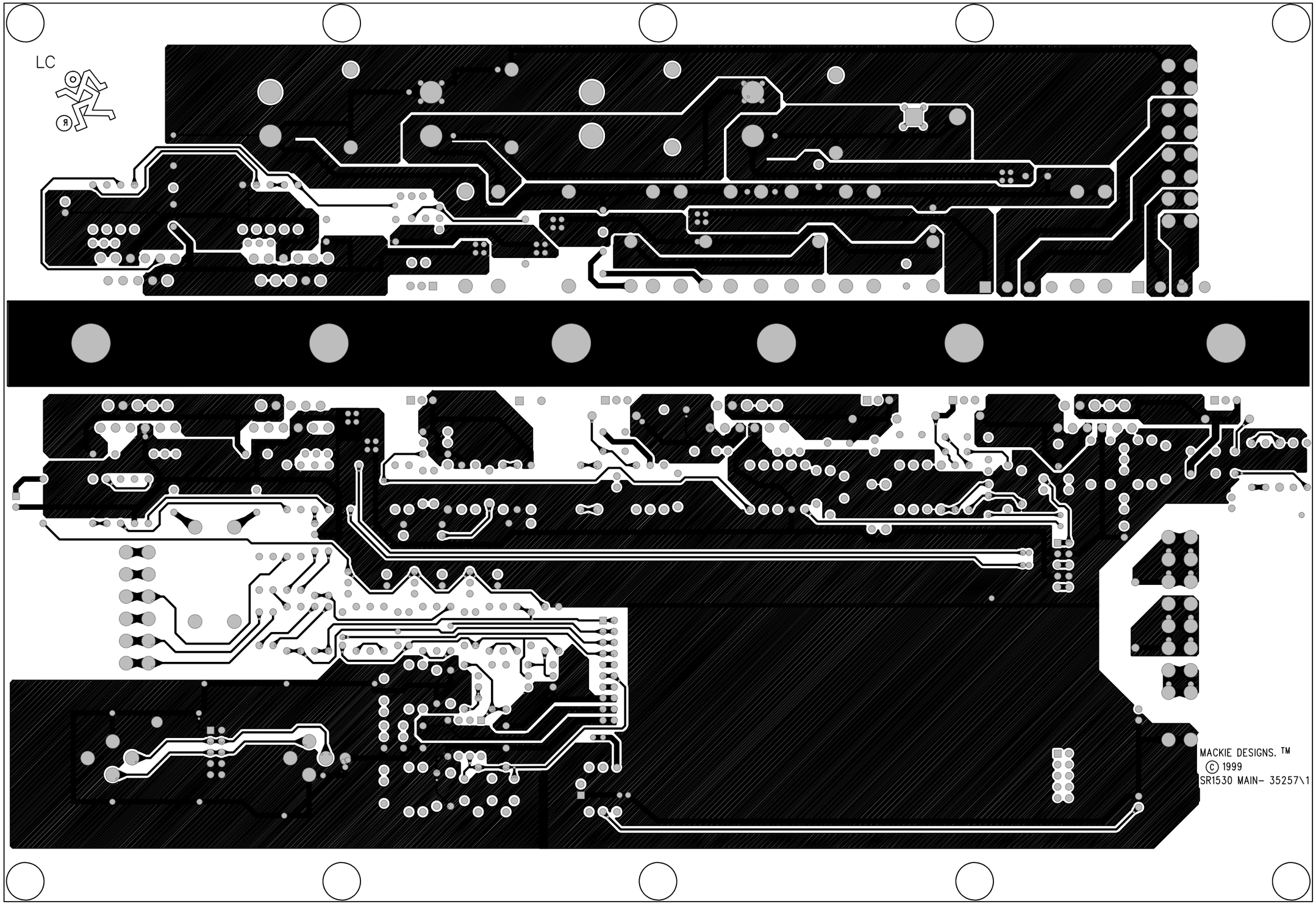
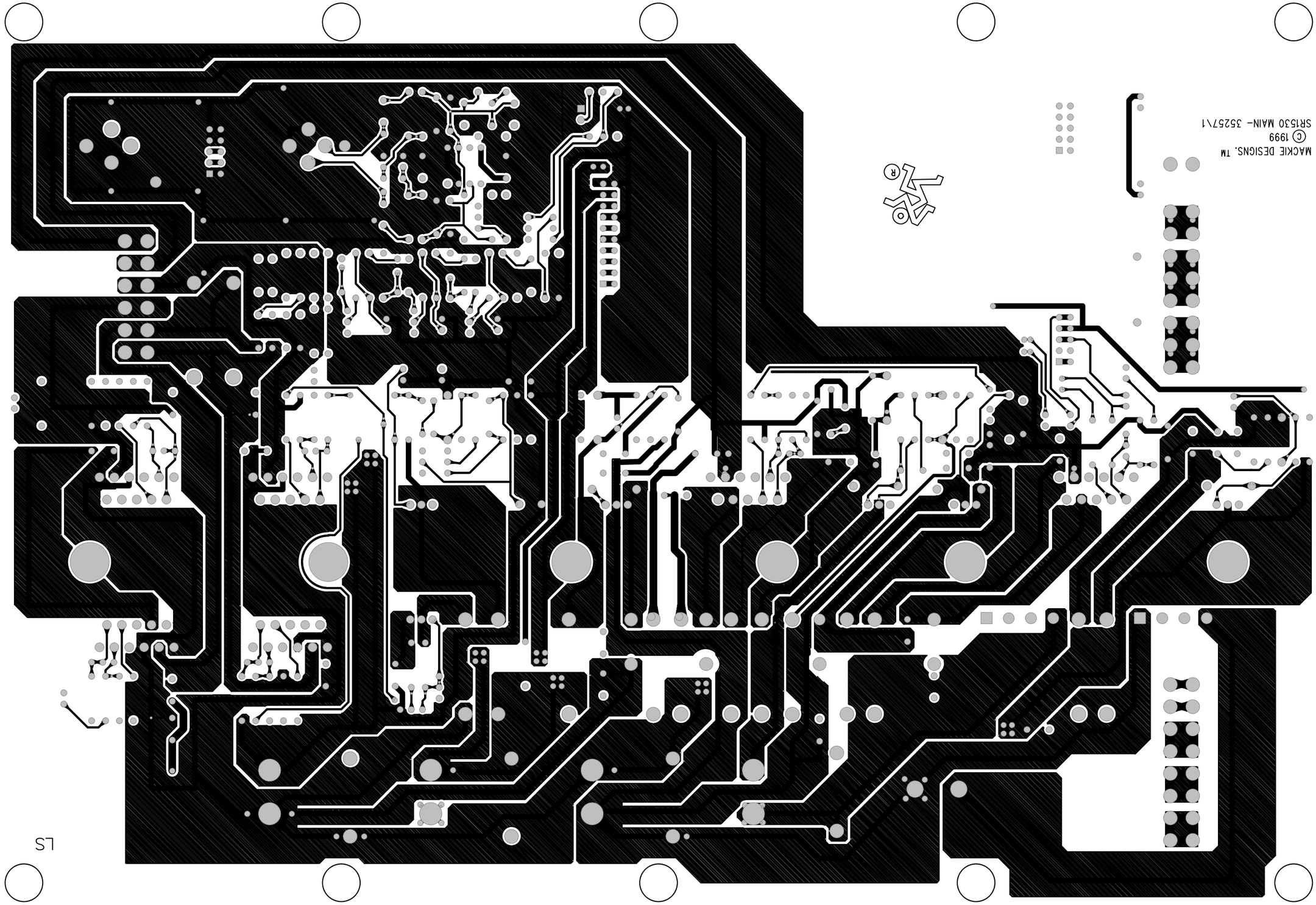

HI –
HI +
MID –
MID +
LOW –
LOW +
PLUG IN BOARD
CONNECTS HERE
MACKIE DESIGNS. TM
© 1999
SR1530 MAIN– 35257\1

TOP OF BOARD

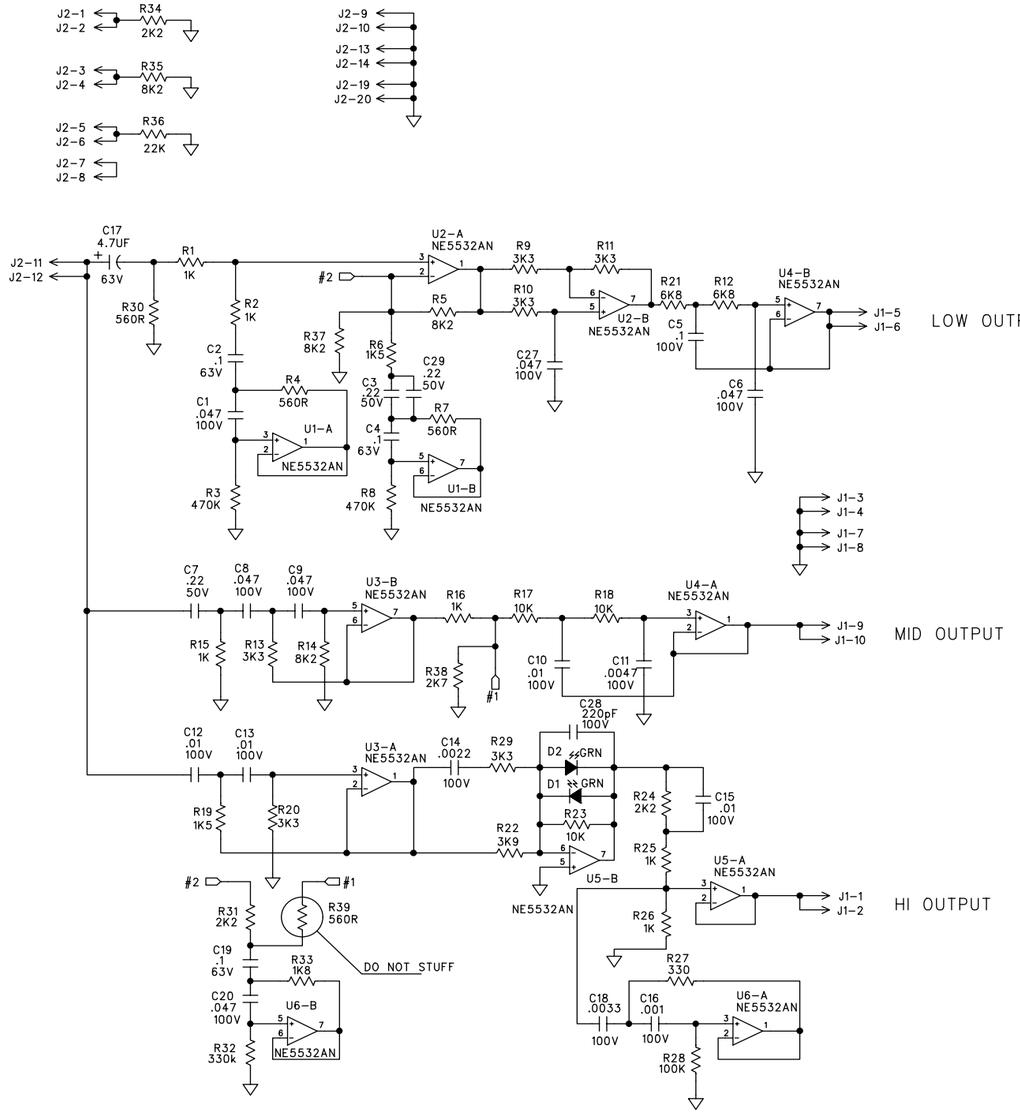


BOTTOM OF BOARD



DWG. NO.	SHT	REV:
MN 044 503	1	1

ECO#	REV:	DESCRIPTION	REV. BY:	APP. BY:	DATE



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS: ±NA DECIMALS: .XX ±.01 ANGLES: ±NA .XXX ±.005	APPROVALS	DATE
	DRAWN: STOLZ	28/10/99
	CHECKED:	
	NP ENG:	
MATERIAL: SEE NOTES	MATERIAL:	
	MFG:	
FINISH: SEE NOTES	MFG ENG:	
DO NOT SCALE DRAWING	ISSUED: STOLZ	3/1/00

MACKIE.
Mackie Designs Inc. Woodinville, Wa.

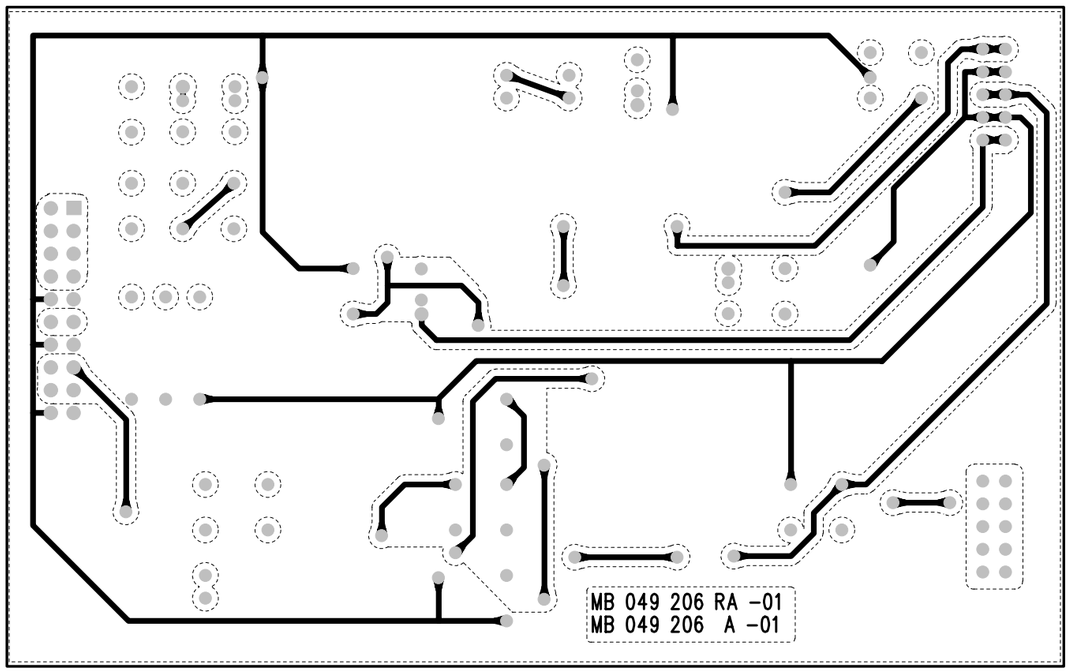
Control board MAS1530

SIZE	SCALE:	DWG. NO.	REV.
D	NONE	MN 044 503	1

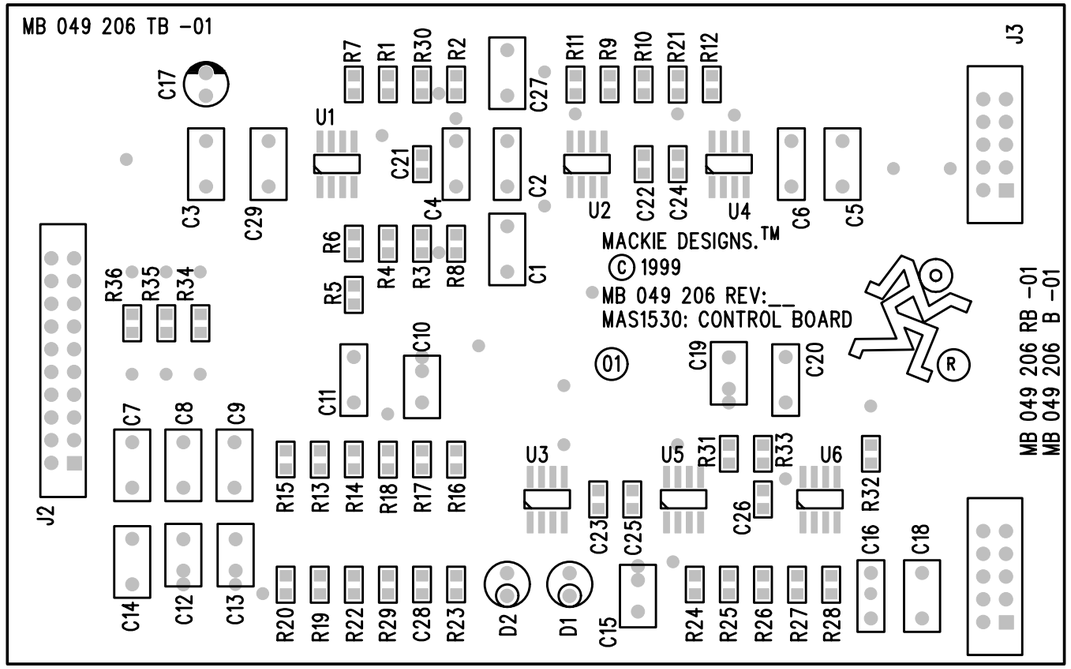
DWG FILE: MN 044 503.sch SHEET 1 OF 1

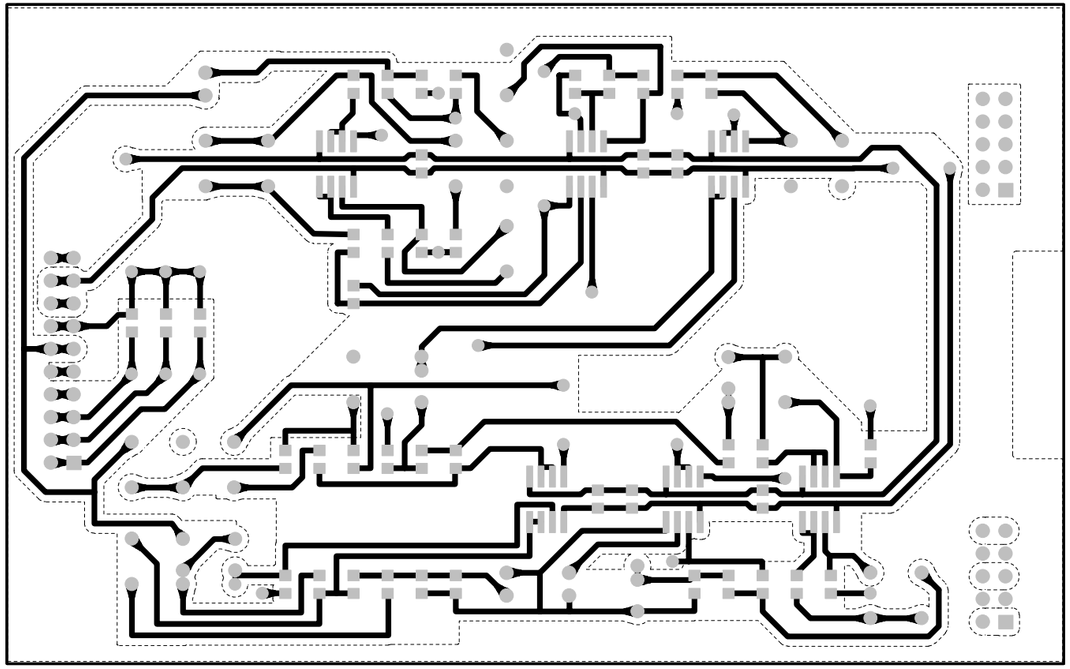
BACK

Bottom of board (copper pour layer is shown by dotted lines)



Top of board (note that connector J3 is only used to help secure this board to the main board).





Top of board (copper pour layer is shown by dotted lines)

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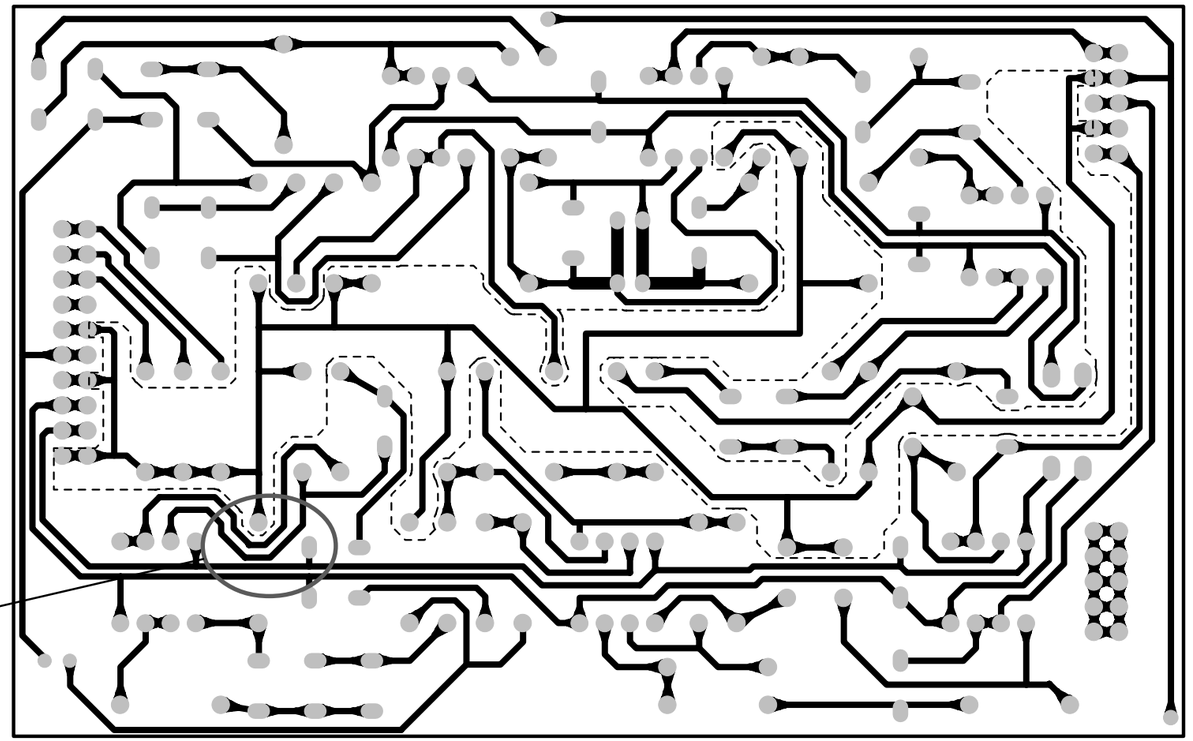
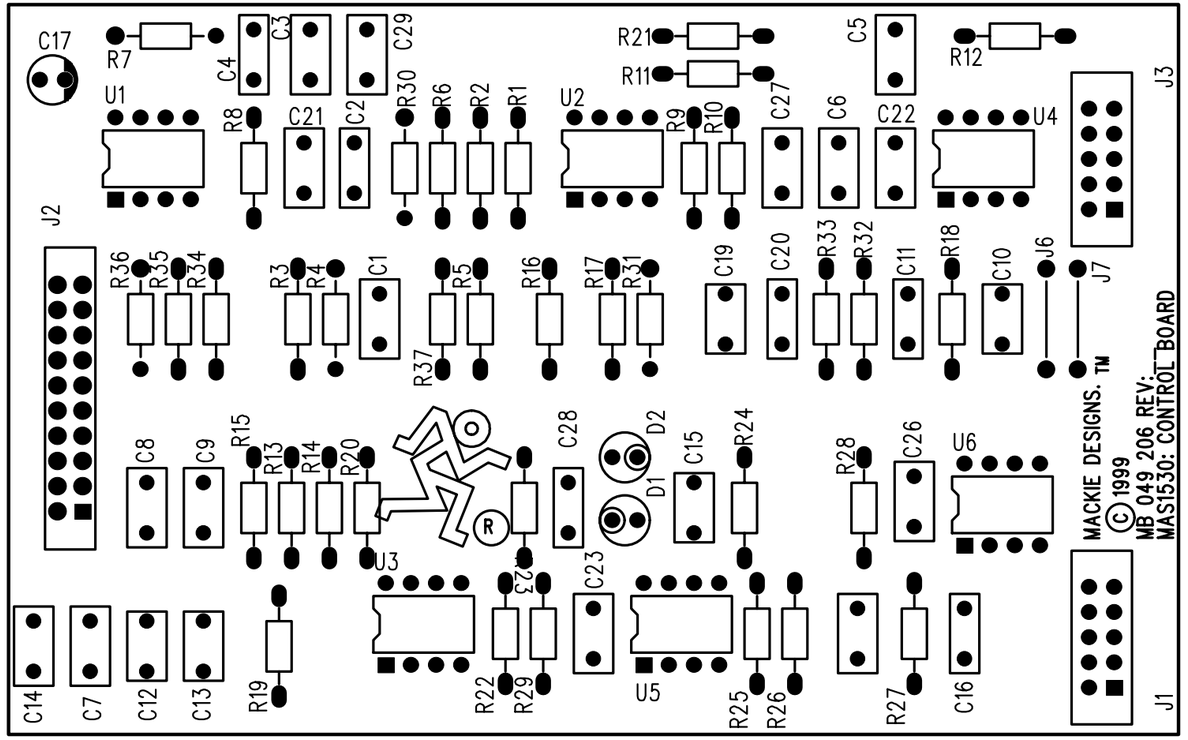
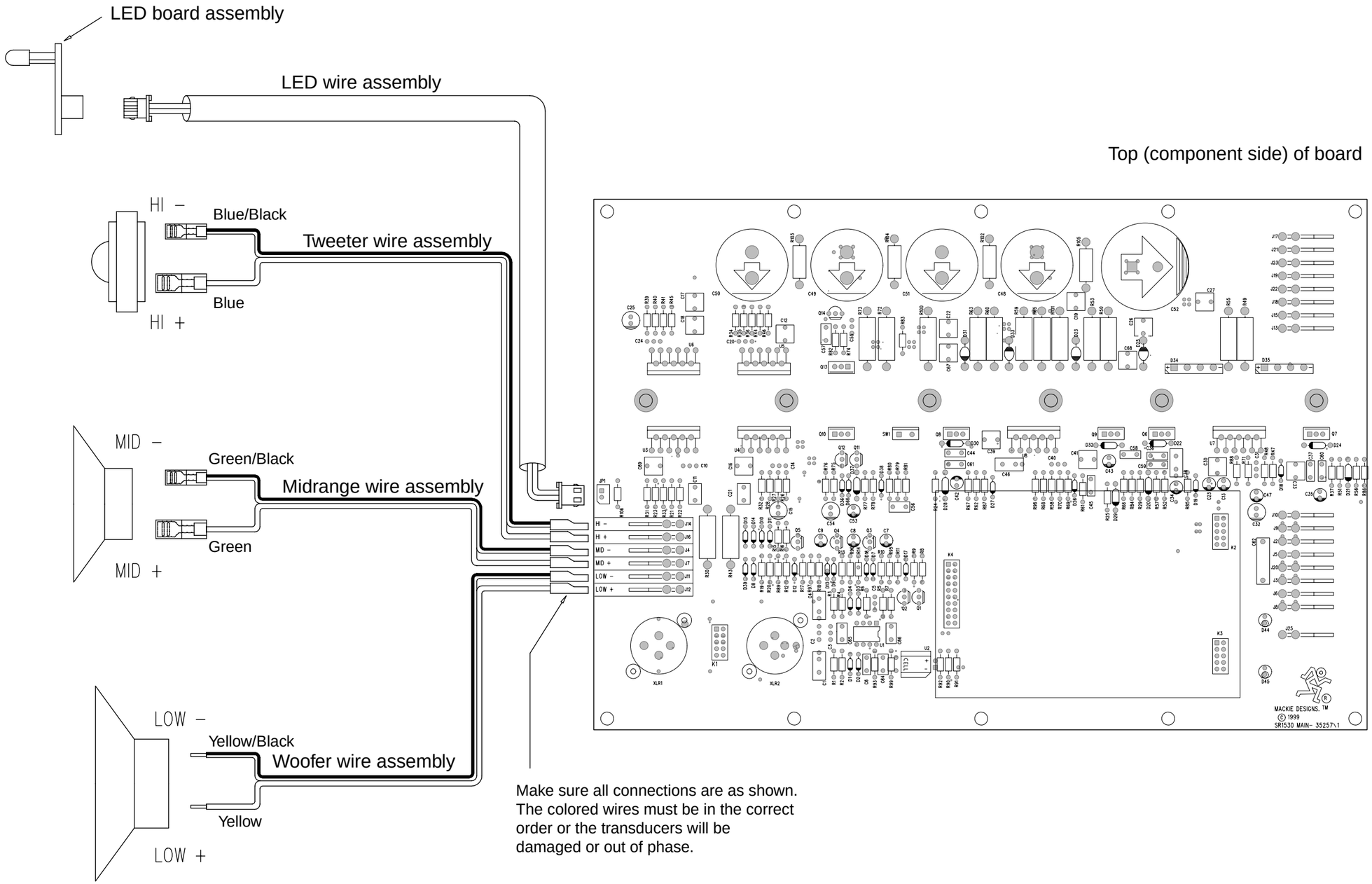
This is the first board and it has through-board holes and components, unlike the surface mount board shown on the previous page.

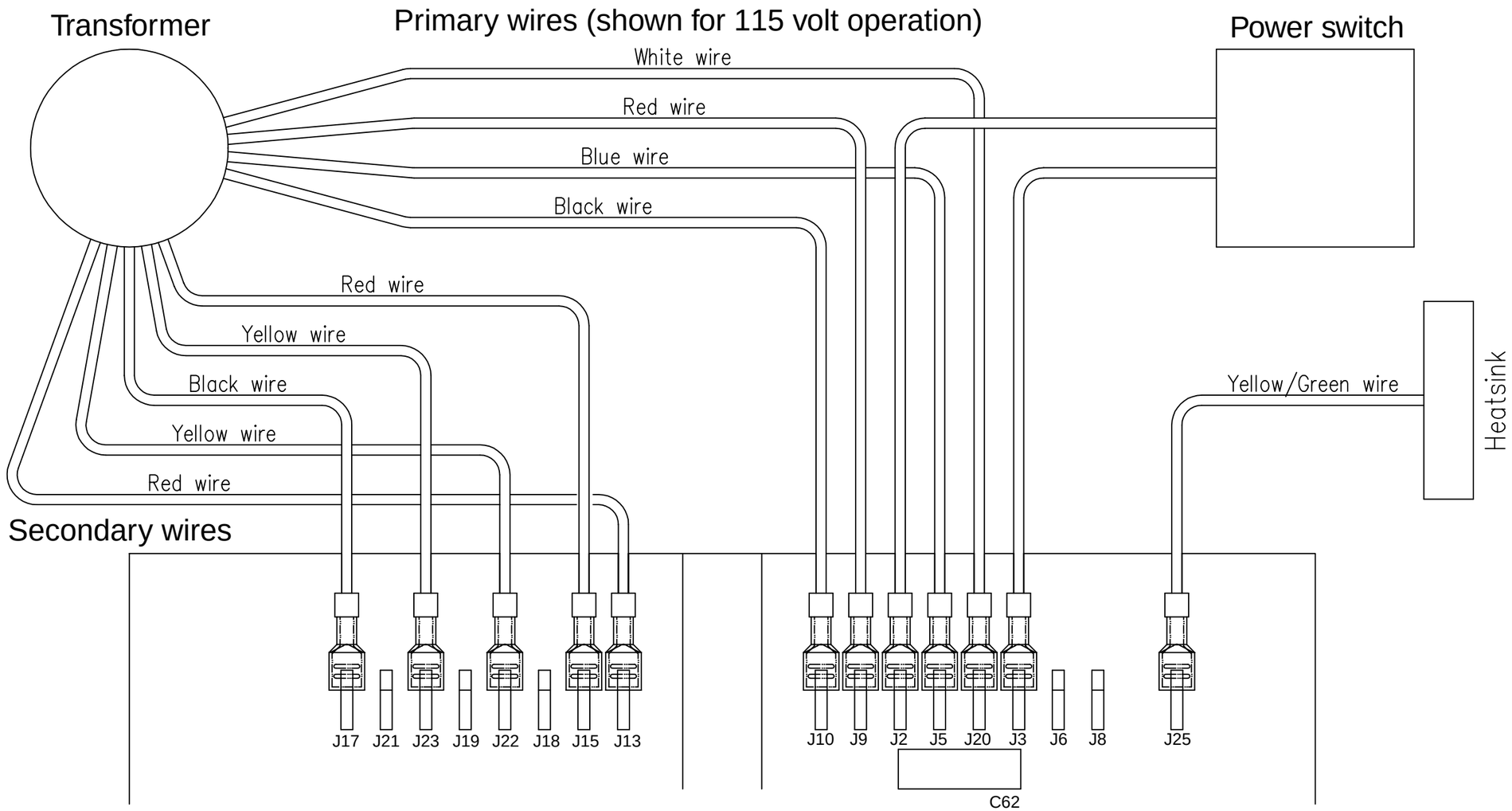


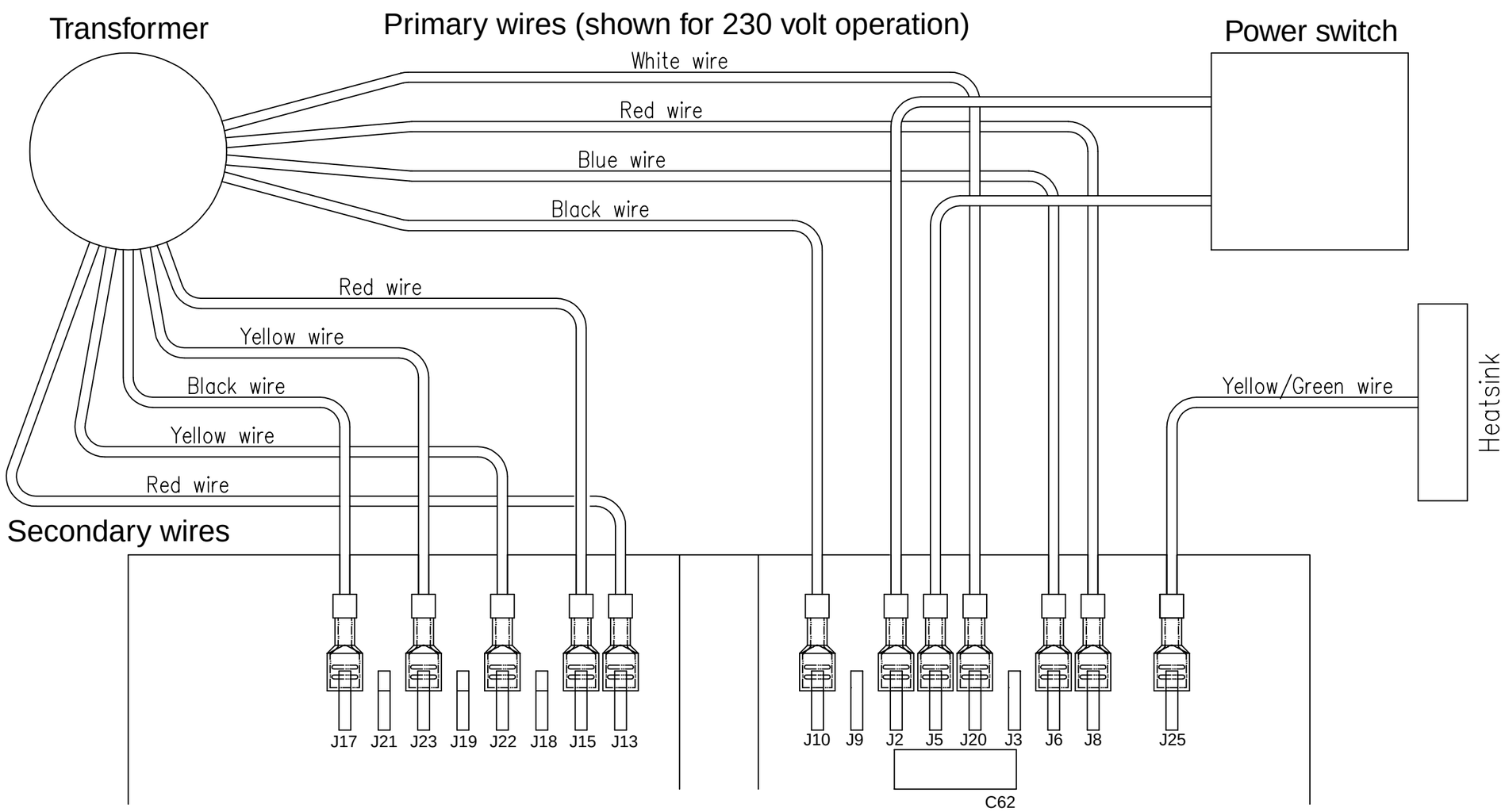
Carefully use a sharp blade to make sure there are no etching shorts in this region, where the traces are very close.





Make sure all connections are as shown. The colored wires must be in the correct order or the transducers will be damaged or out of phase.


Transformer
Primary wires (shown for 115 volt operation)
White wire
Red wire
Blue wire
Black wire
Power switch
Red wire
Yellow wire
Black wire
Yellow wire
Red wire
Secondary wires
Yellow/Green wire
Heatsink
J17
J21
J23
J19
J22
J18
J15
J13
J10
J9
J2
J5
J20
J3
J6
J8
J25
C62
Main Circuit Board


Transformer
Primary wires (shown for 230 volt operation)
Power switch
White wire
Red wire
Blue wire
Black wire
Red wire
Yellow wire
Black wire
Yellow wire
Red wire
Secondary wires
Yellow/Green wire
Heatsink
J17
J21
J23
J19
J22
J18
J15
J13
J10
J9
J2
J5
J20
J3
J6
J8
J25
C62
Main Circuit Board