DWG. NO.	SHT	REV:
MN 042 121	1	01

ECO#	REV:	DESCRIPTION	REV. BY:	APP. BY:	DATE
	01	PROTOTYPE RELEASE	SOBEK	Violi	28.3.01
	02	R56-R59-R87-R90 da 5K9 a 5K6	Adami	Violi	23.5.2001

INPUT L

INPUT R

AGND

C17 1uF 63V 5%
C18 1uF 63V 5%
C21 10nF 63V
R45 1K01%
R46 1K01%
R51 47k0 1%
R52 47k0 1%
R57 10K0 1%
R58 10K0 1%
C25 680pF 50V
C24 680pF 50V
C26 33pF 50V
C27 33pF
R56 5K6 1%
D16 1N4148
D17 1N4148
D15 1N5242 12V
D14 1N5242 12V
R59 5K6 1%
C28 33pF
U5-A NE5532AN
C31 100nF 63V
R61 6K8
C30 100nF 63V
U5-B NE5532AN
R78 15k
C38 10pF 50V
R80 10K
R81 2K2
R79 2K2
U7-A
180°
0°
SW1
PHASE

C36 1uF 63V 5%
C37 1uF 63V 5%
R74 1K01%
R75 1K01%
R82 47k0 1%
R83 47k0 1%
R88 10K0 1%
R89 10K0 1%
C40 680pF 50V
C39 680pF 50V
C44 33pF 50V
C45 33pF
R87 5K6 1%
D20 1N4148
D21 1N4148
D19 1N5242 12V
D18 1N5242 12V
C46 33pF 50V
R90 5K6 1%
U8-B NE5532AN
C48 100nF 63V
R92 6K8
C47 100nF 63V
U8-A NE5532AN
R91 15k
C49 10pF 50V
R94 10K
R95 2K2
R93 2K2
U7-B NE5532AN

R77 4K7
R60 4K7
C22 1uF 63V 5%
R36 560R
C14 1uF 63V 5%
NE5532AN U2-B
R35 100K
R34 4K7
C23 100nF 63V
4K7 R48
C15 100nF 63V
R23 100K
R37 47k
U3-B NE5532AN
R41 4K7
R38 47k
C16 47nF 100V
R39 22K
R40 220
CW
10KC R47

R66 220
C34 10pF 50V
R62 10K
R64 2K2
R63 2K2
U6-A NE5532AN
R65 220
C10 47UF 25V
R43 100R
T8 J112
R42 47k
MUTE
C20 47UF 25V
R55 100R
T9 J112
R53 47k
MUTE
R44 47k
R54 47k
J4
HF output - L

R76 220
C42 10pF 50V
R97 10K
R96 2K2
R85 2K2
U6-B
R86 220
C32 47UF 25V
R71 100R
T10 J112
R67 47k
MUTE
C33 47UF 25V
R69 100R
T11 J112
R68 47k
MUTE
R72 47k
R70 47k
J7
HF output - R

C3 100nF 63V
R10 22K
R11 22K
NE5532AN U3-A
C4 22UF 25V
R26 2k2
C2 47nF 100V
R24 4K7
MUTE
R98 47k
T13 J112
R84 560
J8-1
J8-2
LF output
J8-3
J8-4
GND
MUTE
J8-5
J8-6
MUTE IN
IN-25V
J8-7
J8-8
IN -25V
IN+25V
J8-9
J8-10
IN +25V

+15V
R22 1K
T3 J112
D3 RED
TERMO
R12 47k

C7 33pF
D11 1N4148
R31 2K2
C12 470nF 63V 5%
R33 560R
C13 100nF 63V 5%
U1-B
R32 390k
R21 4K7
C6 22UF 25V
U4 3WK 163 41
R6 2K2
D12 1N4148
2K2 R7
U1-A
R18 220
R17 100K
D10 1N4148
R15 2K2
R16 100K
R19 2K2
C11 100UF 25V
T1 BC547 C
T2 BC547 C
T4 BC557
R20 100K
R2 2K2
R1 100K
R3 100R
D1 YEL
LIMIT

+15V
R103 2R2 .5W
T14 TIP122
R99 10R .5W
IN+25V
R102 4K7
C43 100pF 50V
R101 1K
T12 BC547 C
C35 100UF 25V
C5 4.7UF 63V
R13 4K7
R14 220k
T7 BC557
C19 100UF 25V
R28 10K
MUTE
D9 1N4148
R29 10K
D4 GRN
R73 5k1
R49 22R
D13 1N5245 15V
C9 100UF 25V
T5 BC547 C
R27 2K2
R30 10K
R50 560R
R25 2R2 .5W
R100 10R .5W
IN-25V
T6 TIP127
POWER ON
-15V

D7 1N4148
D5 1N4148
U2-A NE5532AN
R8 10K
D8 1N4148
D6 1N4148
D2 GRN
R5 1k5
C1 100UF + 25V
R9 47R
SIGNAL PRESENT

U1-C NE5532AN
C8 100nF 63V
U2-C NE5532AN
U3-C NE5532AN
U5-C NE5532AN
C41 100nF 63V
U6-C NE5532AN
U7-C NE5532AN
C29 100nF 63V
U8-C NE5532AN

R4 2K2
J1-1
J1-2
LED BLUE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS: DECIMALS: ANGLES: ±NA .XX ±.01 ±NA .XXX ±.005	APPROVALS	DATE
	DRAWN: SOBEK	28.3.2001
	CHECKED: VIOLI	23.5.2001
	NP ENG:	
MATERIAL: SEE NOTES	MATERIAL:	
FINISH: SEE NOTES	MFG:	
DO NOT SCALE DRAWING	MFG ENG:	
	ISSUED:	

MACKIE.
Mackie Designs Italy

SCHEMATIC, INPUT MODULE
SRS 1501

SIZE	SCALE:	DWG. NO.	REV.
D	NONE	Cod. SE036964	02

DWG FILE: MN 052 121-01 label 03.sch
SHEET 1 OF 1

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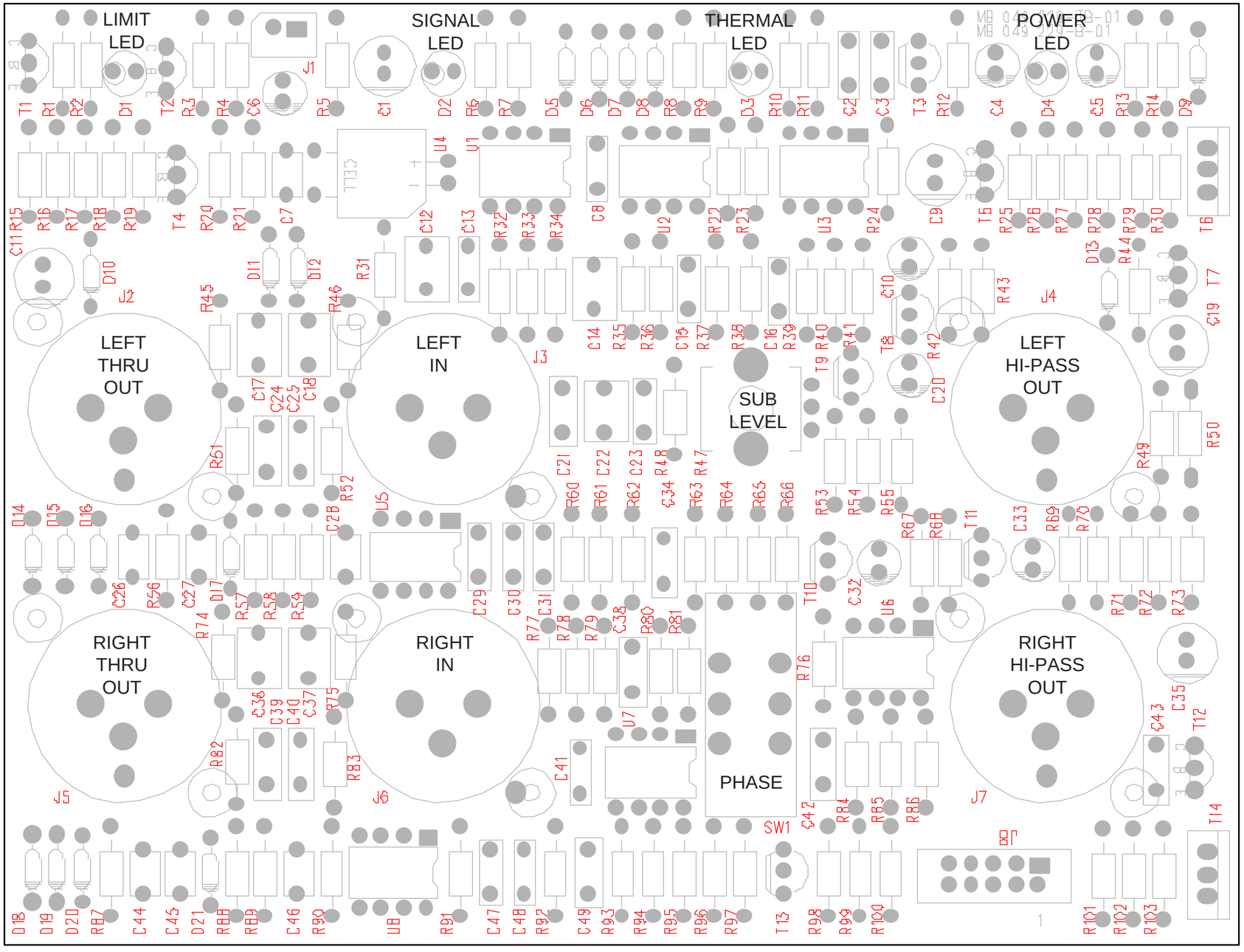
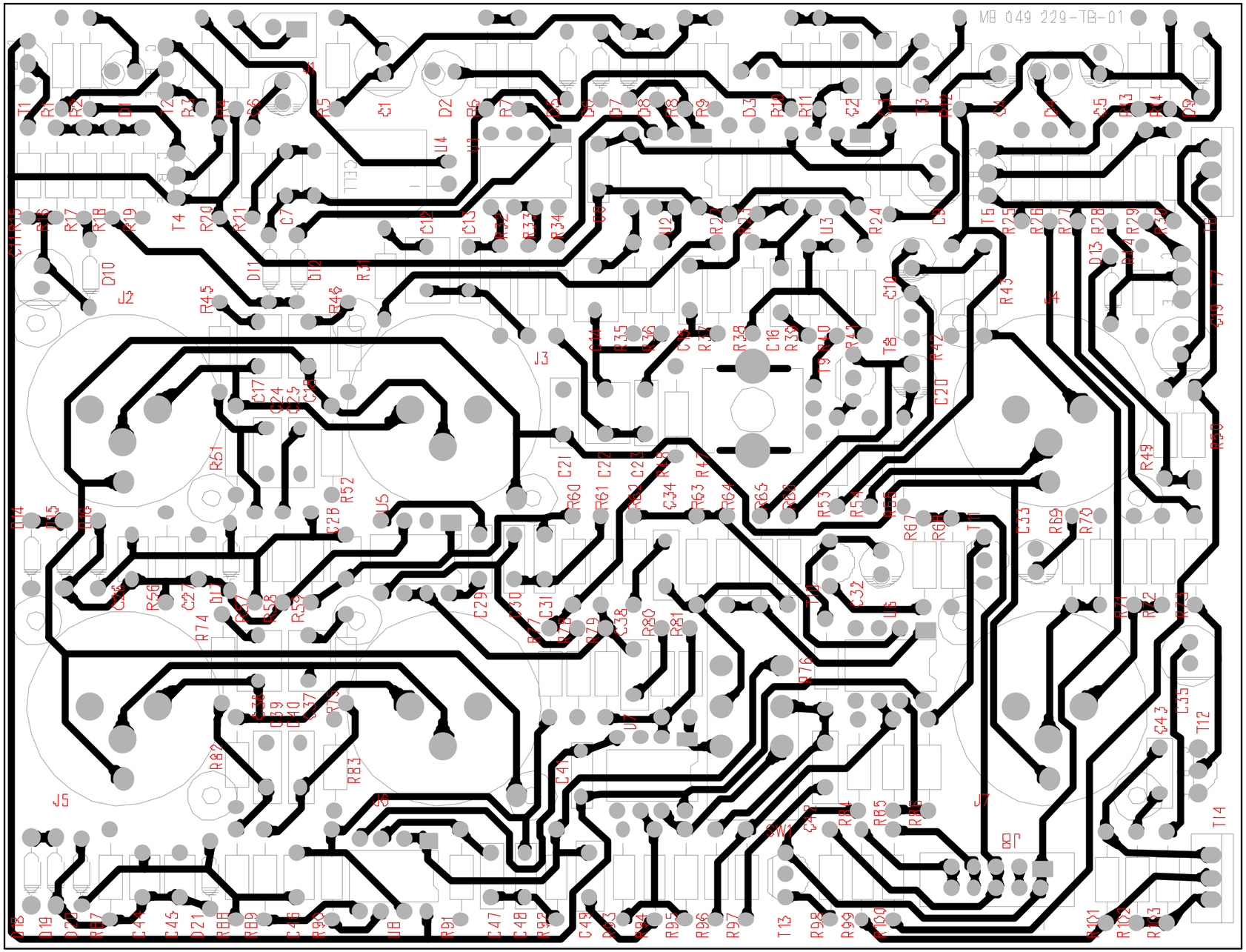
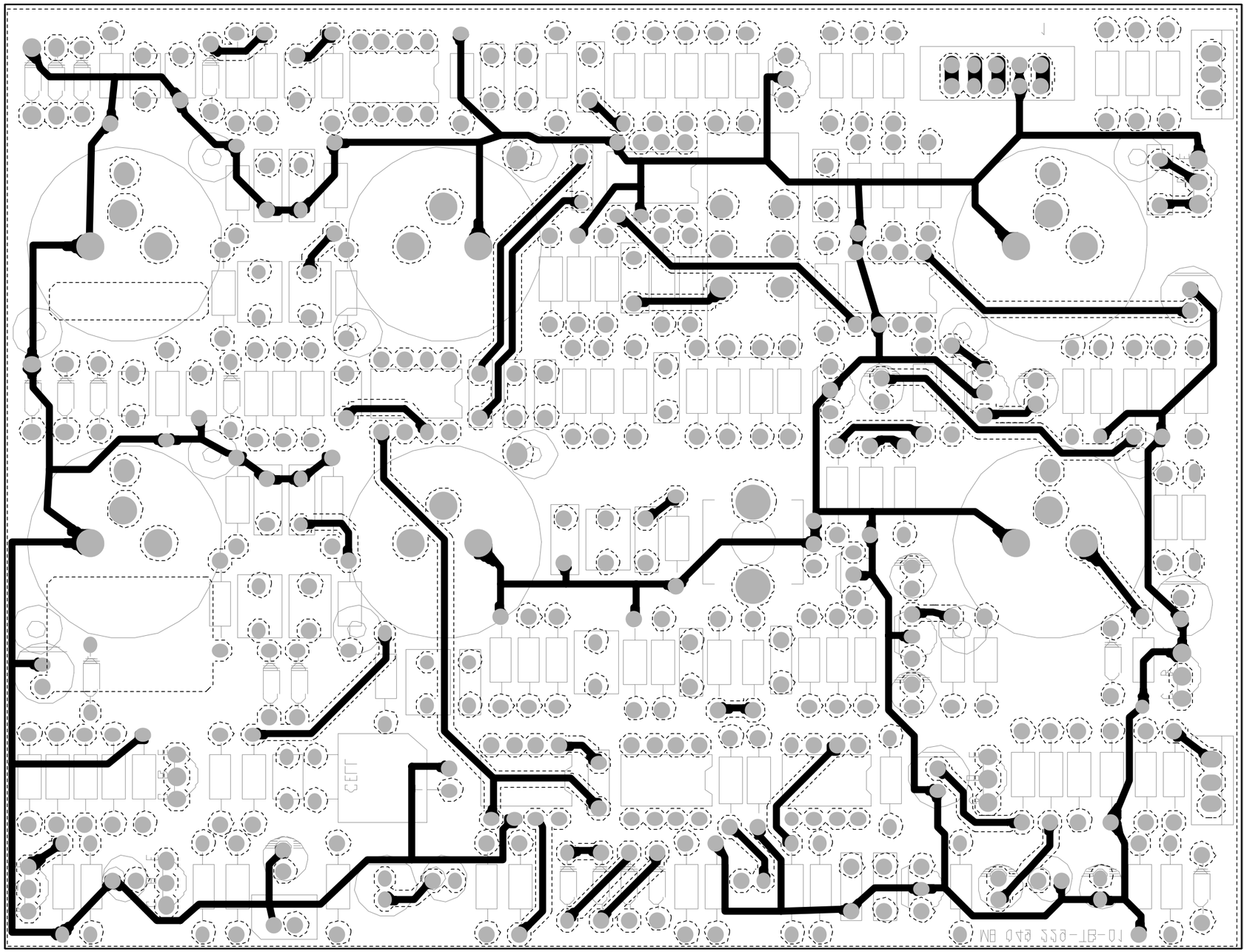

LIMIT LED
SIGNAL LED
THERMAL LED
POWER LED
LEFT THRU OUT
LEFT IN
SUB LEVEL
LEFT HI-PASS OUT
RIGHT THRU OUT
RIGHT IN
PHASE
RIGHT HI-PASS OUT

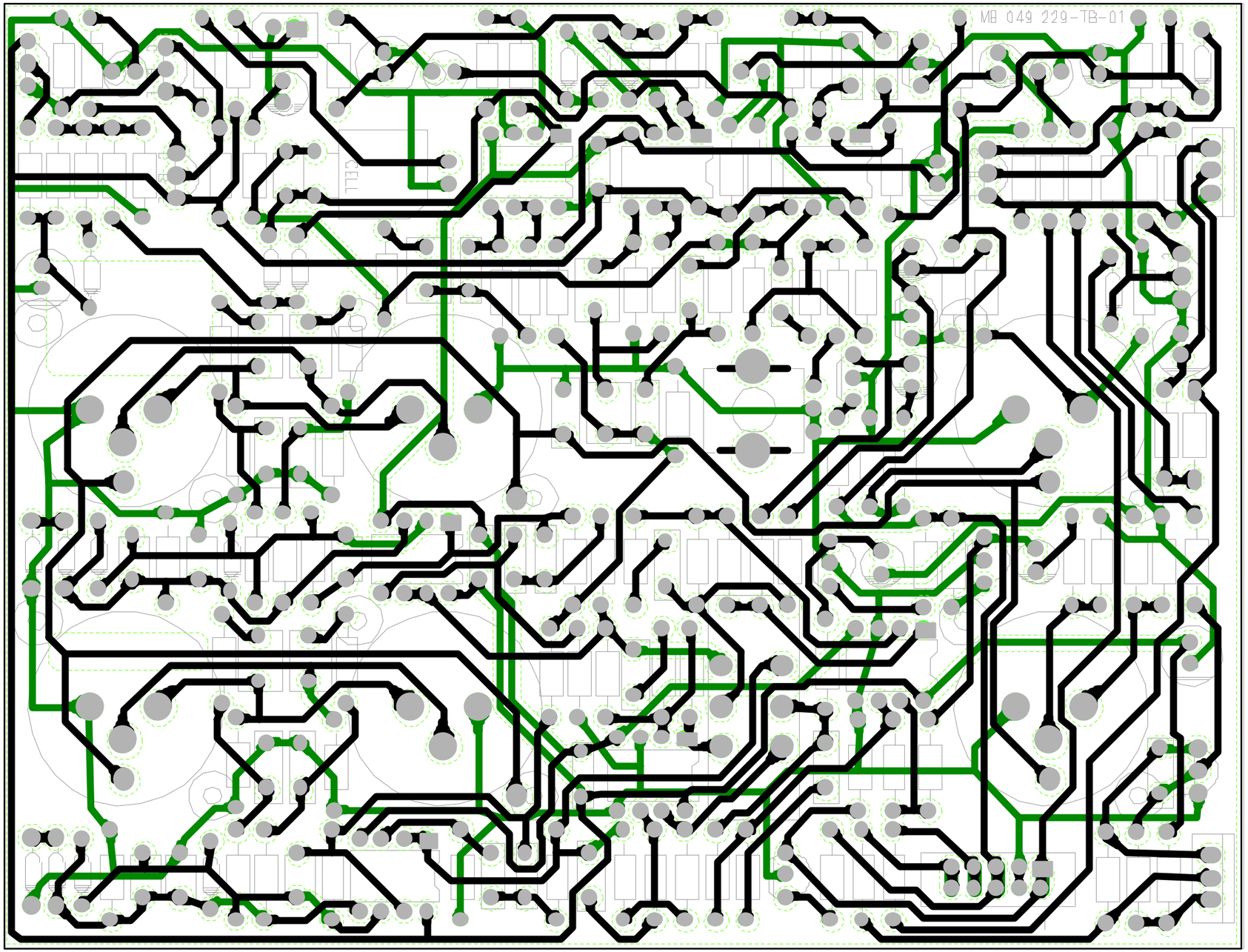
Top Surface



Top Surface



Bottom Surface
(dotted lines are the copper
pour boundary)



Top Surface has grey pads and black lines (dotted lines are the copper pour boundary)

Bottom Surface has green pads and lines (dotted lines are the copper pour boundary)