

Passlabs - Aleph 4 : Layout View

RLED - 10K
 R16 - 10K
 R17 - 10K
 R18 - 10K
 R14 - 10K
 R5 - 100K
 R53 - 100K
 R15 - 1K
 R37 - 221
 R38 - 221
 R3 - 221
 R36 - 221
 R1 - 10K
 R24 - 392
 R22 - 221
 R23 - 75
 R25 - 4.75K
 R27 - 1.5K
 R26 - 121K
 R28 - 1K
 R29 - 619
 R42,43,44,45,46,52 - 0.47 / 5W
 R28,29,30 - 221
 R52,53,54 - 221
 R40,41,42 - 0.68 or 1.5 / 5W
 R64,65,66 - 0.68 or 1.5 / 5W

C11 - 220 uF 10V Tantalum
 C4 - 680 pF Silvered Mica
 C7 - 103 Poly (? C1 on circuit)
 C12 - 10 pF Silvered Mica
 C8,9 - 220 uF 35V Rad Elect

Z1..5 - 9.1V Zener

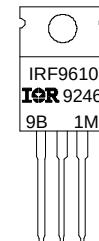
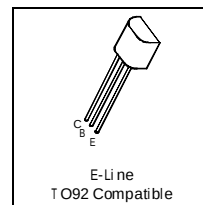
Th1,2 - Power Thermistor
 (Rhpoint SG200/170)

Q1A1,2,5 - IRF9610

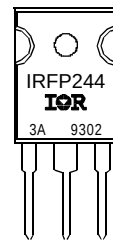
Q2,3 - ZTX450

Q6,7,8 (9,10,11) - IRFP244

Q18,19,20 (21,22,23) - IRFP244

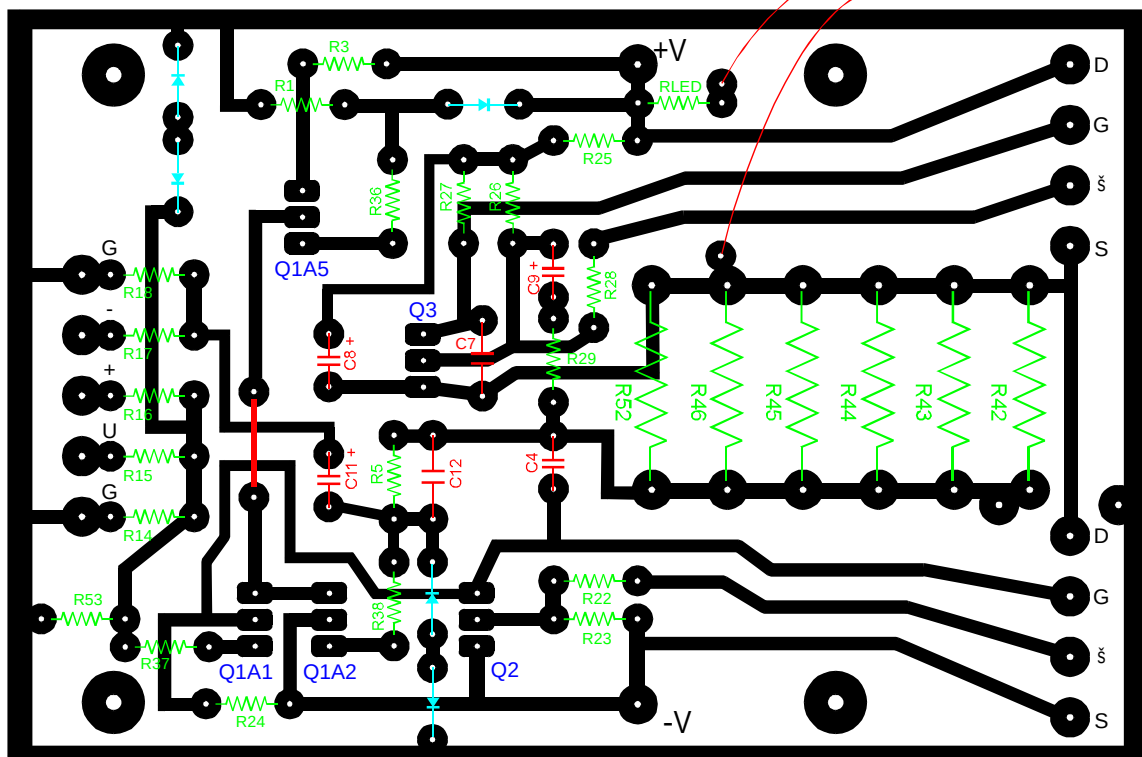


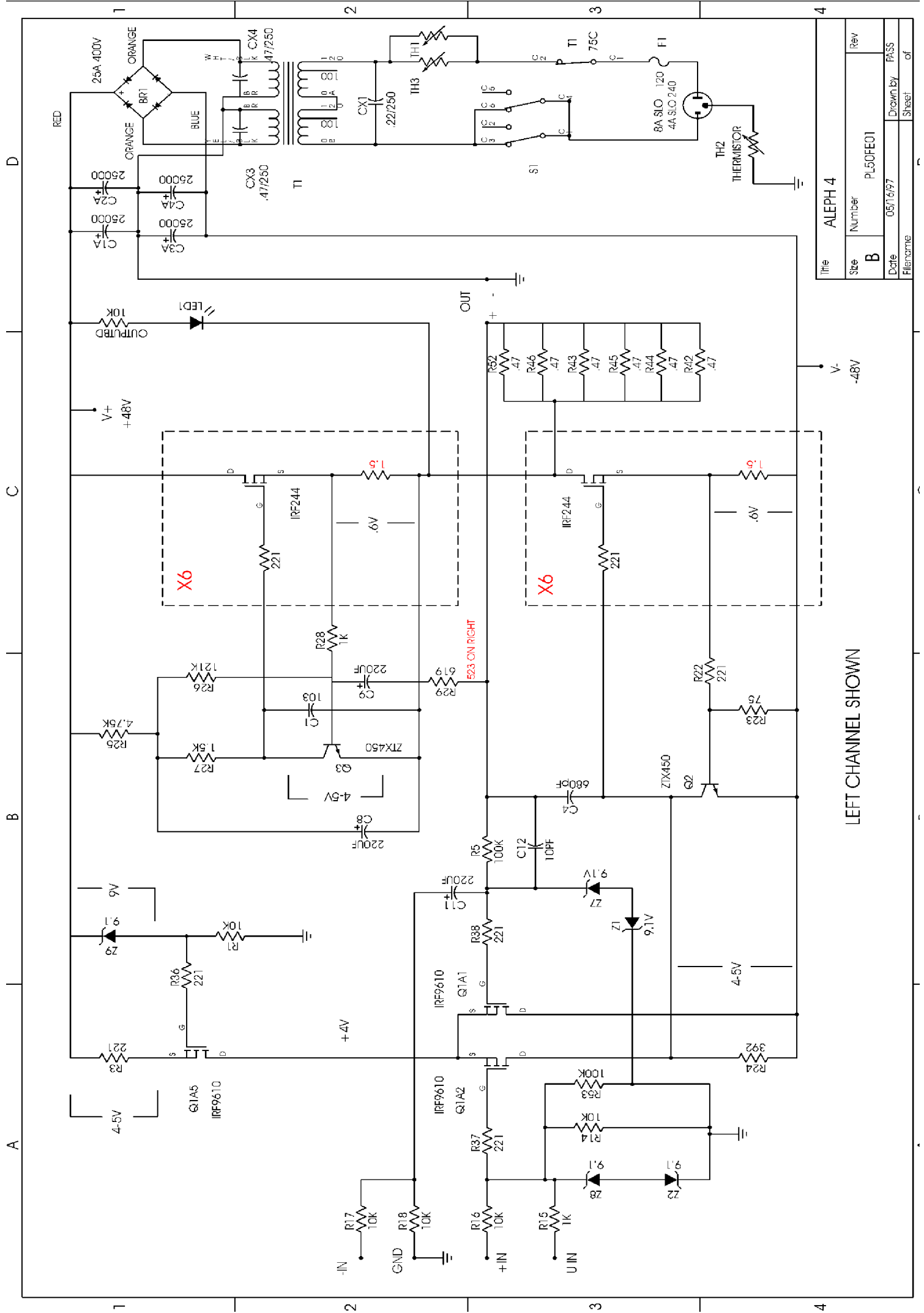
G D S



G D S

Layout - Component Side

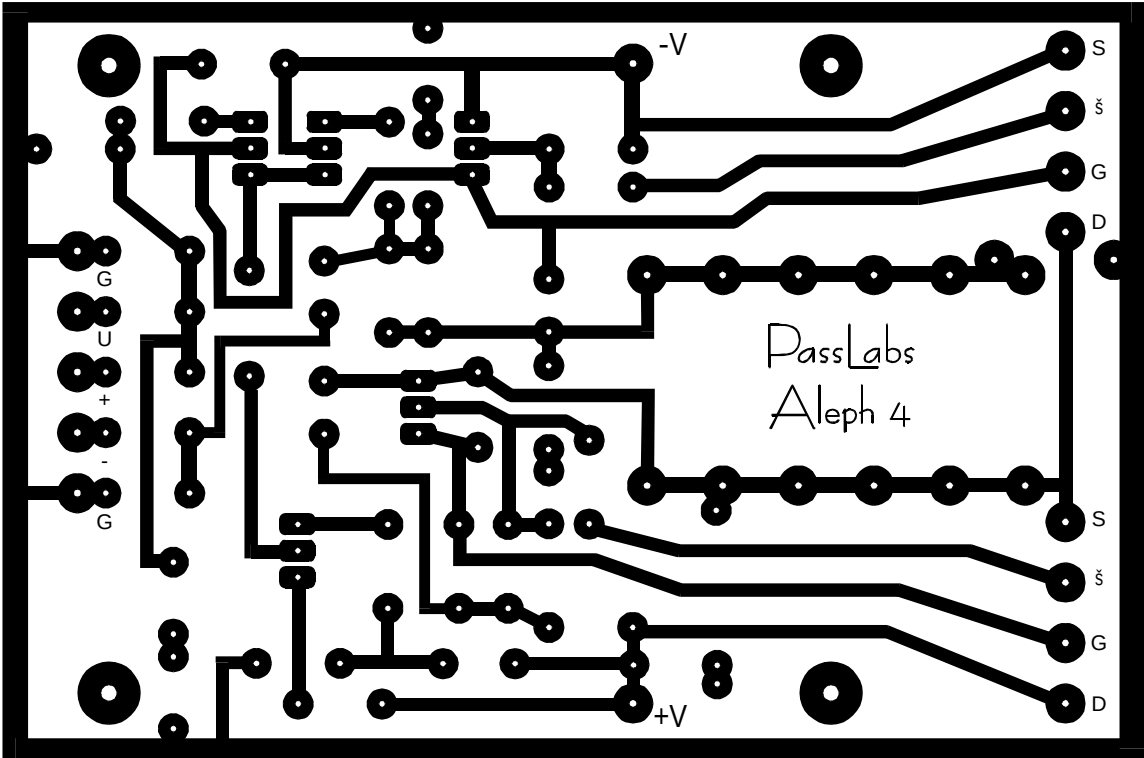


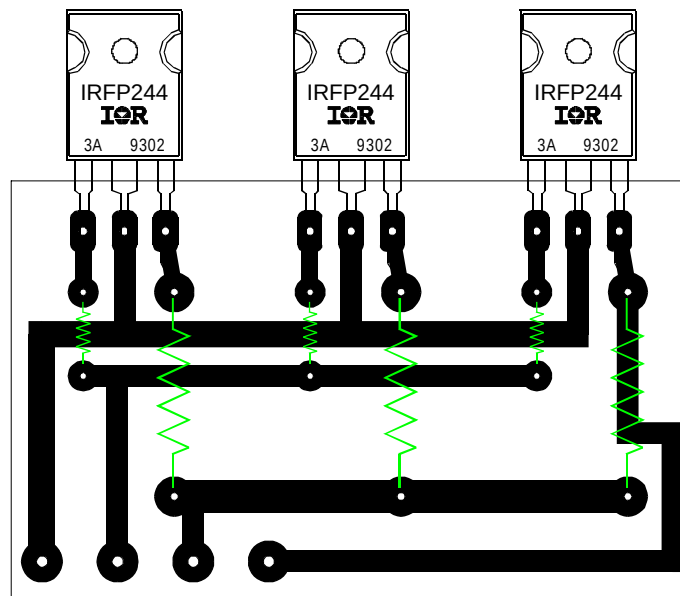


Title		ALEPH 4	
Size	Number	PL50FE01	
B			
Date	05/16/97	Drawn by	PASS
Filename		Sheet	of

LEFT CHANNEL SHOWN

PC Board - Copper Side





FET Mounting Board - Component Side
Note - FETs mounted from copper side
(if using 6 FET PCB just double this - see next)

FET Mounting Boards 3/6 - Copper Side

