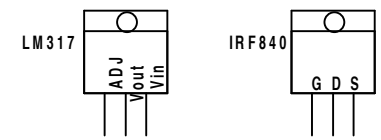


Power Supply for LR phono preamp or any amp needing independent regulated 210VDC @ 50mA each, and 12.6V regulated @ 0.7A
Schematic goes with PC Board.



These parts mounted on AAVID 52980602500 Heat Sinks = Digi-Key HS-188-ND

T1 and T2 are Amveco 22084 or 70084 toroid 115+115:18+18 50W Xfmrs Mounted on 2" angle brackets

(c) Copyright 2005, Steve Bench. All Rights Reserved.

Heater Reference can be floating, (no jumper), or +18=gnd (original) (or neg gnd 12.6(2-3))

Notes: CC Output not on Rev A PCB
 Connections for LR phono are via DB9 Female as...
 1 = GND
 2-3 = 12.6VDC Heater (2=12.6V, 3=Rtn)
 5 = HiVolts 1
 9 = HiVolts 2
 43V zener = 1N5260B, 500mW, 5%
 5.6V zener = 1N5232B, 500mW, 5%
 Do not stuff R22 or Q5 if current source not used.

Title PS Schematic - PC Board		
Size A	Document Number psu_lr.pdf	Rev B
Date: Sunday, August 28, 2005	Sheet 1	of 1