

5F6A LTP Phase Inverter by Rob Robinette V1.3

B9A development board

With Optional Pre PI Master Volume

Designed by the ValveWizard

6.3V Heaters

for AX84.com

V3B

V3A

8 Cathode Tie 3

7 Stabilize 2
6 47pF 1

9
8 12AX7 LTP PI
7 Mount tube socket on other side of board!
6
5 4

OUT A

OUT A

Inverted

OUT B

OUT B

Non Inverted

NFB In

GND

Presence Cap

1 2 3

Presence Pot 5K

GND

27K

NFB

Grid

0.1uF

AC GND

Grid Leak

1M

Grid

1M

Plate

0.02uF

Coupling In

B+3

GND

1 2 3

Master Vol Pot 1MA

GND

B+3 Input 385V

GND

B+3

100K

Load

Plate

47pF

Stabilize

Cathode Tie

8 3

7 2

6 1

9

8

7

6

5

4

3

2

1

Plate

82K

Load

B+3

1 2 3

Cathode

4700

Cathode Resistor

0.1uF

Coupling Out

OUT A

GND

1 2 3

Master Vol Pot 1MA

GND

B+3 Input 385V

GND

GND

IN

No MV

B+3

IN

with MV

GND

1 2 3

Master Vol Pot 1MA

GND

B+3 Input 385V

GND

GND

GND

GND