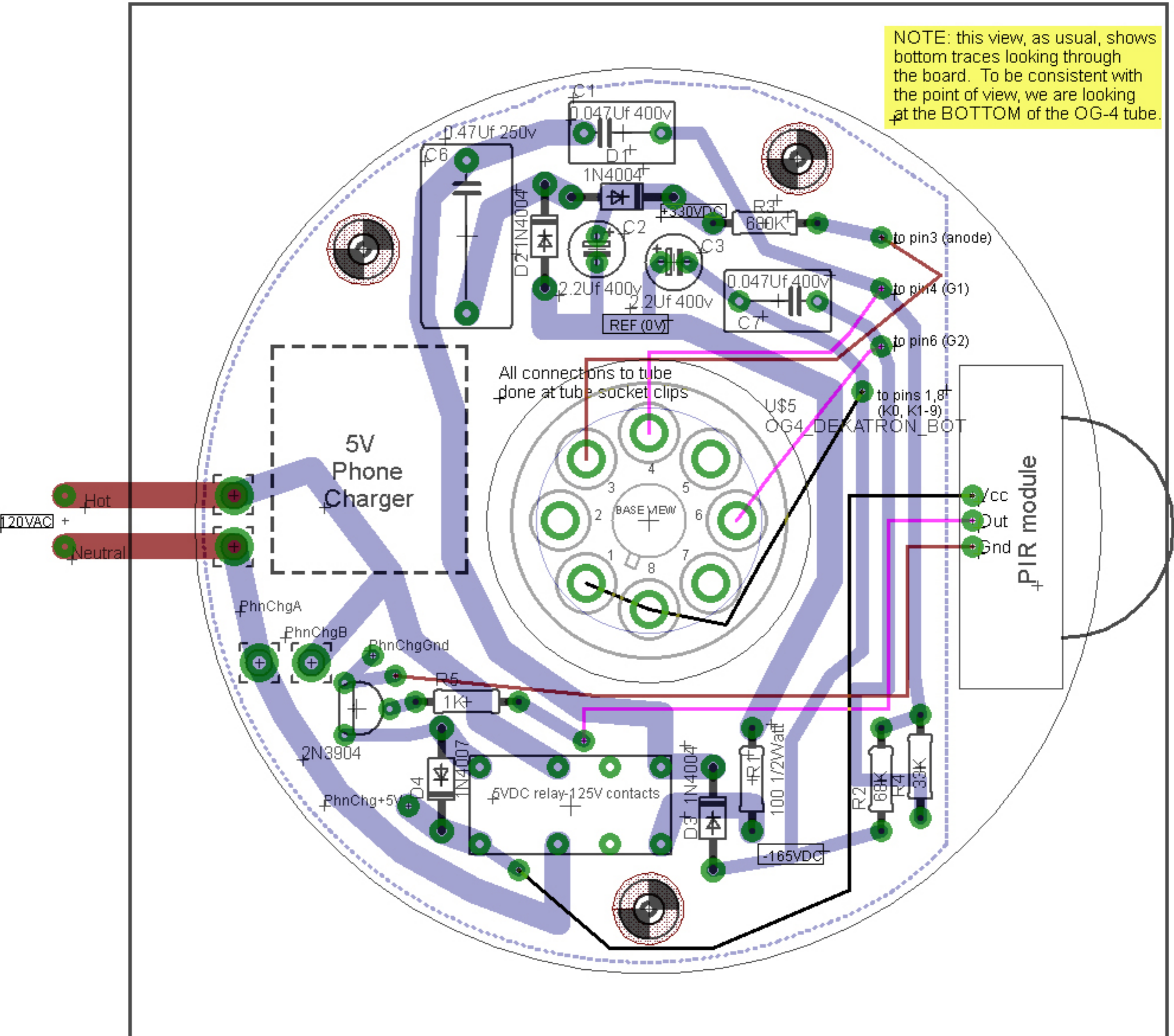


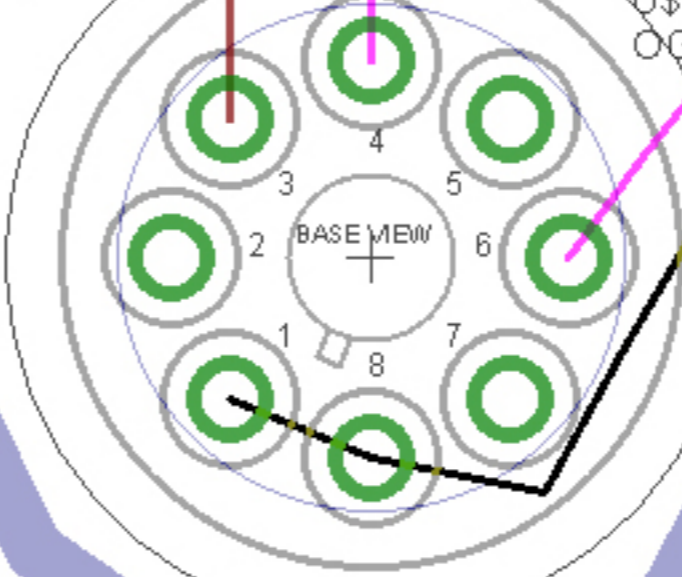
NOTE: this view, as usual, shows bottom traces looking through the board. To be consistent with the point of view, we are looking at the BOTTOM of the OG-4 tube.



All connections to tube done at tube socket clips

5V Phone Charger

PIR module



U\$5 OG4\_DEKATRON\_BOT

-165VDC

120VAC

Hot  
Neutral

PhnChgA  
PhnChgB  
PhnChgGnd

2N3904

PhnChg+5V

5VDC relay-125V contacts

100 1/2Watt

R2 68K  
R4 33K

Vcc  
Out  
Gnd

0.47uF 250v

C1 0.047uF 400v

C6

D1 1N4004

C2 2.2uF 400v

C3 2.2uF 400v

C7 0.047uF 400v

REF (0V)

30VDC

R3 680K

All connections to tube done at tube socket clips

U\$5 OG4\_DEKATRON\_BOT

to pin3 (anode)

to pin4 (G1)

to pin6 (G2)

to pins 1,8 (K0, K1-9)

5V Phone Charger

PIR module

D2 1N4004

R5 1K

D4 1N4007

5VDC relay-125V contacts

100 1/2Watt

R2 68K  
R4 33K

Vcc  
Out  
Gnd

120VAC

Hot  
Neutral

PhnChgA  
PhnChgB  
PhnChgGnd

2N3904

PhnChg+5V

5VDC relay-125V contacts

100 1/2Watt

R2 68K  
R4 33K

Vcc  
Out  
Gnd

0.47uF 250v

C1 0.047uF 400v

C6

D1 1N4004

C2 2.2uF 400v

C3 2.2uF 400v

C7 0.047uF 400v

REF (0V)

30VDC

R3 680K

All connections to tube done at tube socket clips

U\$5 OG4\_DEKATRON\_BOT

to pin3 (anode)

to pin4 (G1)

to pin6 (G2)

to pins 1,8 (K0, K1-9)

5V Phone Charger

PIR module

D2 1N4004

R5 1K

D4 1N4007

5VDC relay-125V contacts

100 1/2Watt

R2 68K  
R4 33K

Vcc  
Out  
Gnd