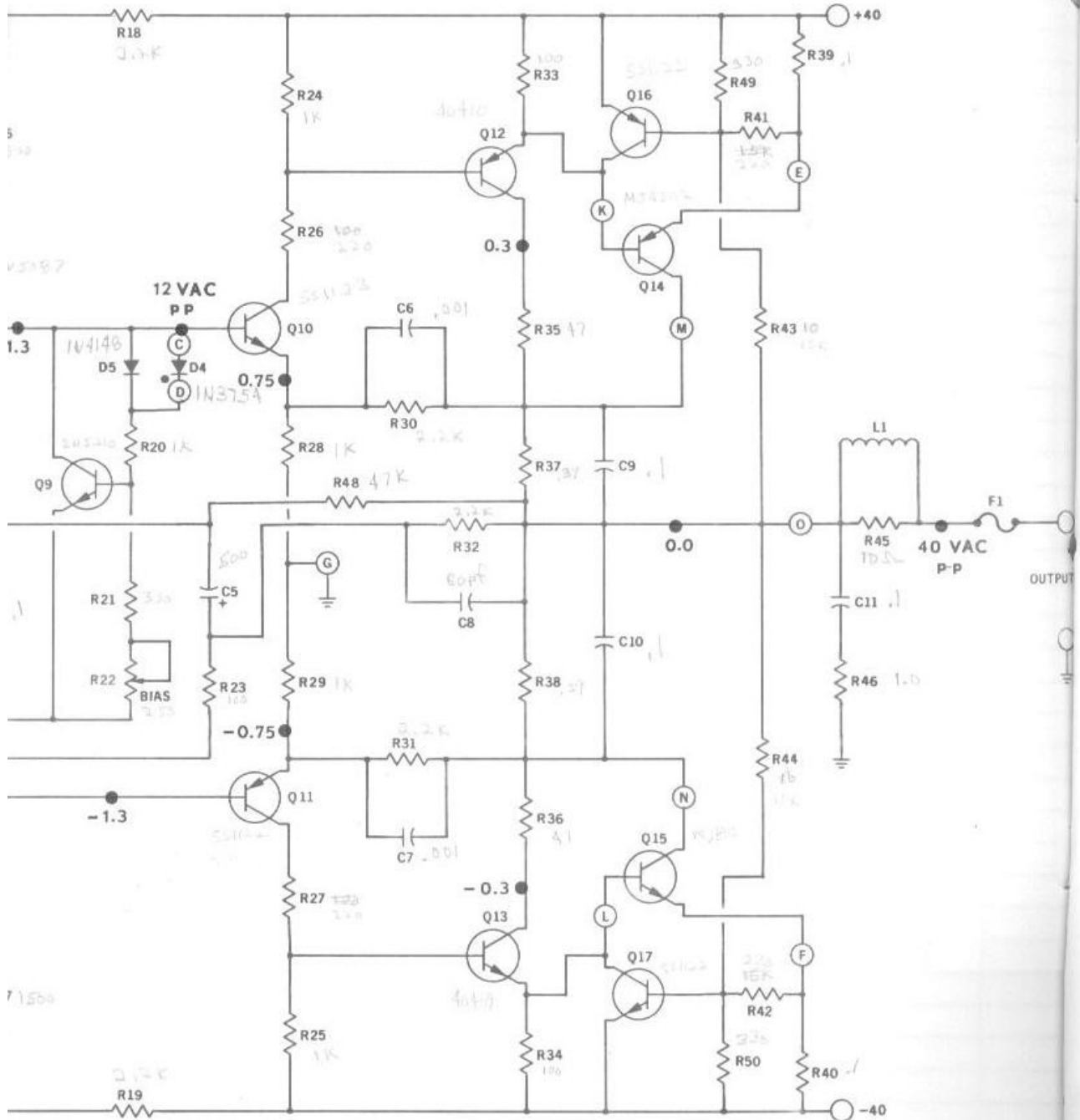


Schematic - No. 207 Power Amplifier



Parts List #207B

Resistors

R1, R2, R15 R20	1000 ohms 1/4 watt resistor
R3	47,000 ohms 1/4 watt resistor
R4, R5, R6, R7, R23	100 ohms 1/4 watt resistor
R8, R9	10,000 ohms 1/4 watt resistor
R10, R11, R32	2200 ohms 1/4 watt resistor
R12, R13	4700 ohms 1/4 watt resistor
R14	4700 ohms 1/2 watt resistor
R16, R17,	1500 ohms 1/4 watt resistor
R18, R19, R30, R31	2200 ohms 1/2 watt resistor
R21	330 ohms 1/4 watt resistor
R22	250 ohms trimmer resistor
R24, R25, R28, R29	1000 ohms 1/2 watt resistor
R26, R27	220 ohms 1/2 watt resistor
R33, R34	100 ohms 1/2 watt resistor
R35, R36	47 ohms 1/2 watt resistor
R37, R38	0.39 ohms 2 watt resistor
R39, R40	0.1 ohms 2 watt resistor
R41, R42	220 ohms 1/4 watt resistor
R43, R44	15,000 ohms 1/4 watt resistor
R45	10 ohms 1 watt 10% resistor
R46	1 ohm 1/2 watt resistor
R47	10,000 ohms linear potentiometer
R48	47K ohms 1/4 watt resistor
R49, R50	330 ohms 1/4 watt resistor

Capacitors

C1	120 pF polystyrene capacitor
C2	10 mfd 63 VDC electrolytic capacitor
C3	220 pF polystyrene capacitor
C4, C9, C10, C11	0.1 uF mylar capacitor
C5	470 or 500 ufd electrolytic capacitor
C6, C7	0.001 uF 10% discap capacitor
C8	60 pF polystyrene capacitor
C12	4.7 uF tantalum capacitor
C13	.047 ufd mylar capacitor

Semiconductors

D1	36 Volt Zener 1N4753 or 1N5258B
D2, D3	4.7 Volt Zener 1N5230 or equal
D4	1N3754 or D1300A diode
D5	1N4148
Q1, Q2, Q3, Q4	2N5087 silicon transistor
Q5, Q6, Q7, Q8, Q9	2N5210 silicon transistor
Q10, Q17	5S1123 silicon transistor
Q11, Q16	5S1122 silicon transistor

Q12
Q13
Q14
Q15

40410 silicon transistor
40409 silicon transistor
2N6331 or MJ4502 silicon transistor
2N6328 or MJ802 silicon transistor

Meter Parts

0-20 mA Output power indicating meter
1N4148 Rectifiers (4)
0.1 uF capacitor
1000 ohms trimmer resistor
1000 ohms 1/4 watt resistor

Miscellaneous

L1
F1, F2, F3
F4
T1
LM1

Single layer of wire close wound on
body of resistor R45
3 Amp standard fuse
2.5 Amp slow-blow fuse
62 Vac C.T. 3A secondary 117 Vac
primary
NE-2 neon lamp