

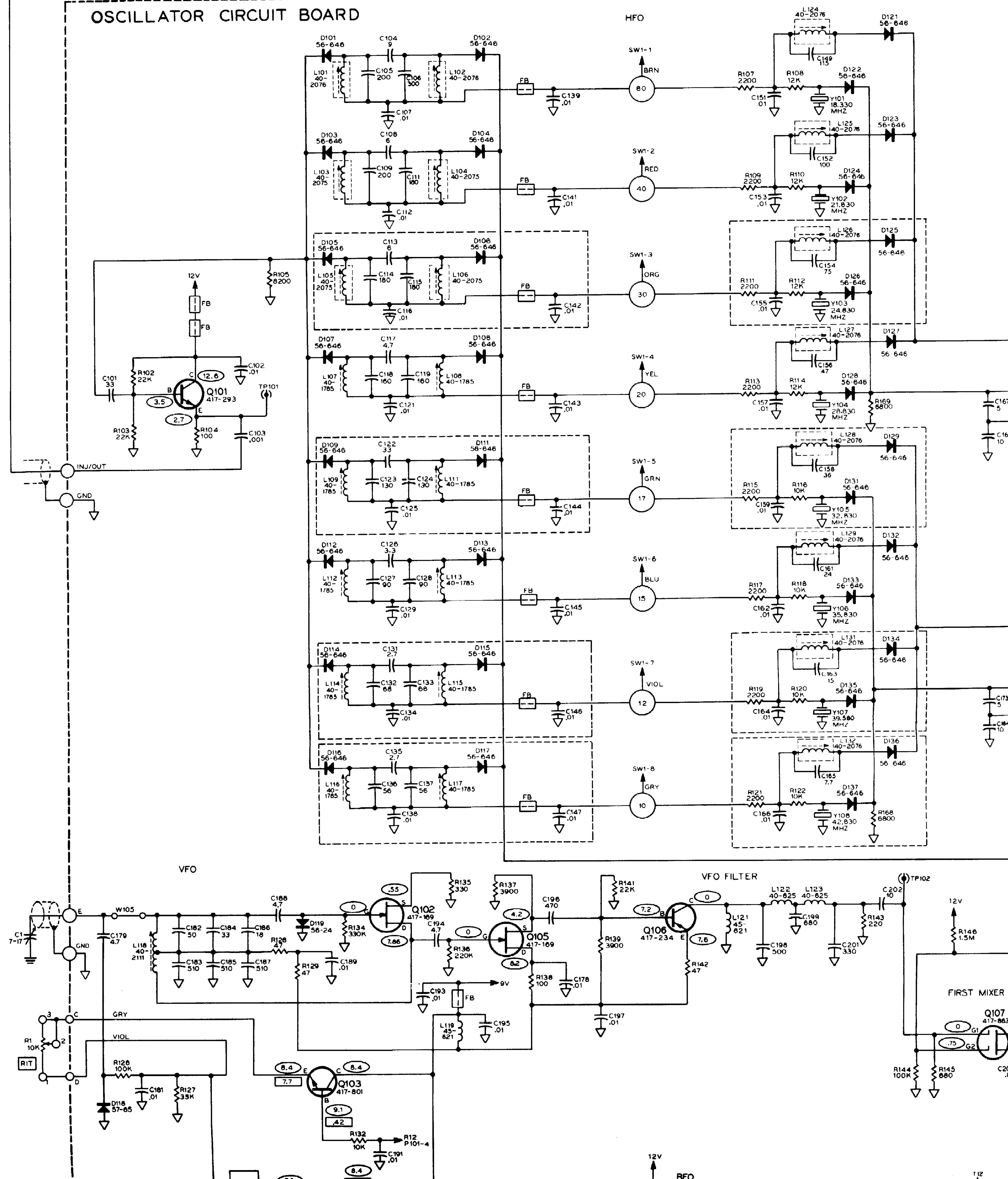
OSCILLATOR CIRCUIT BOARD

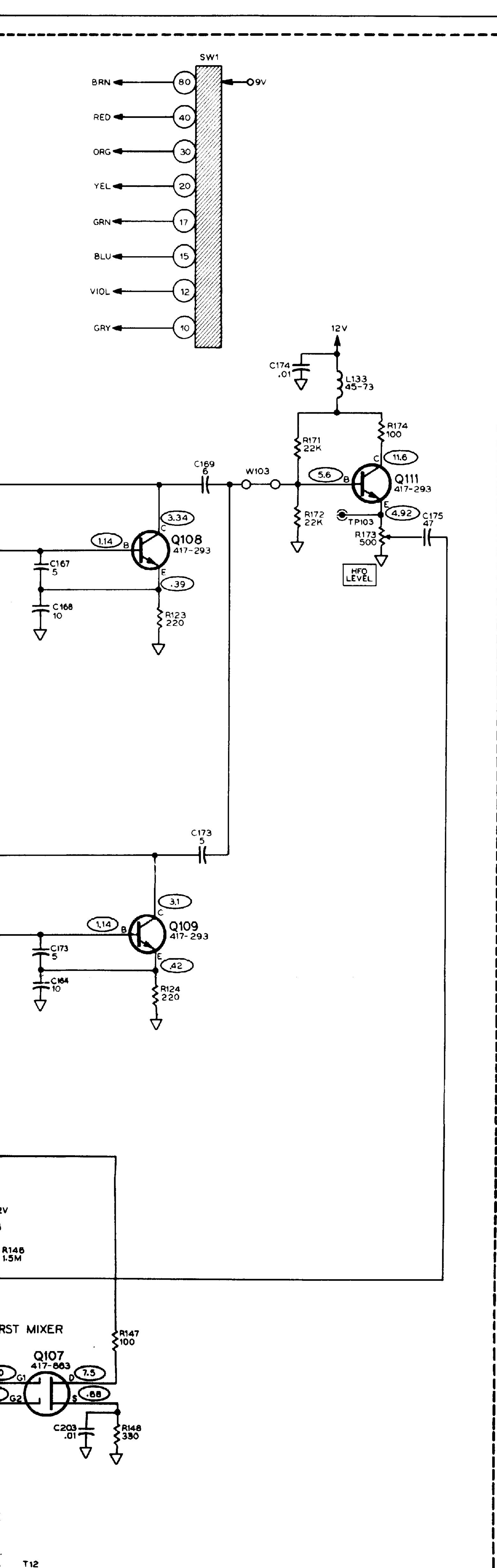
HFO

VFO

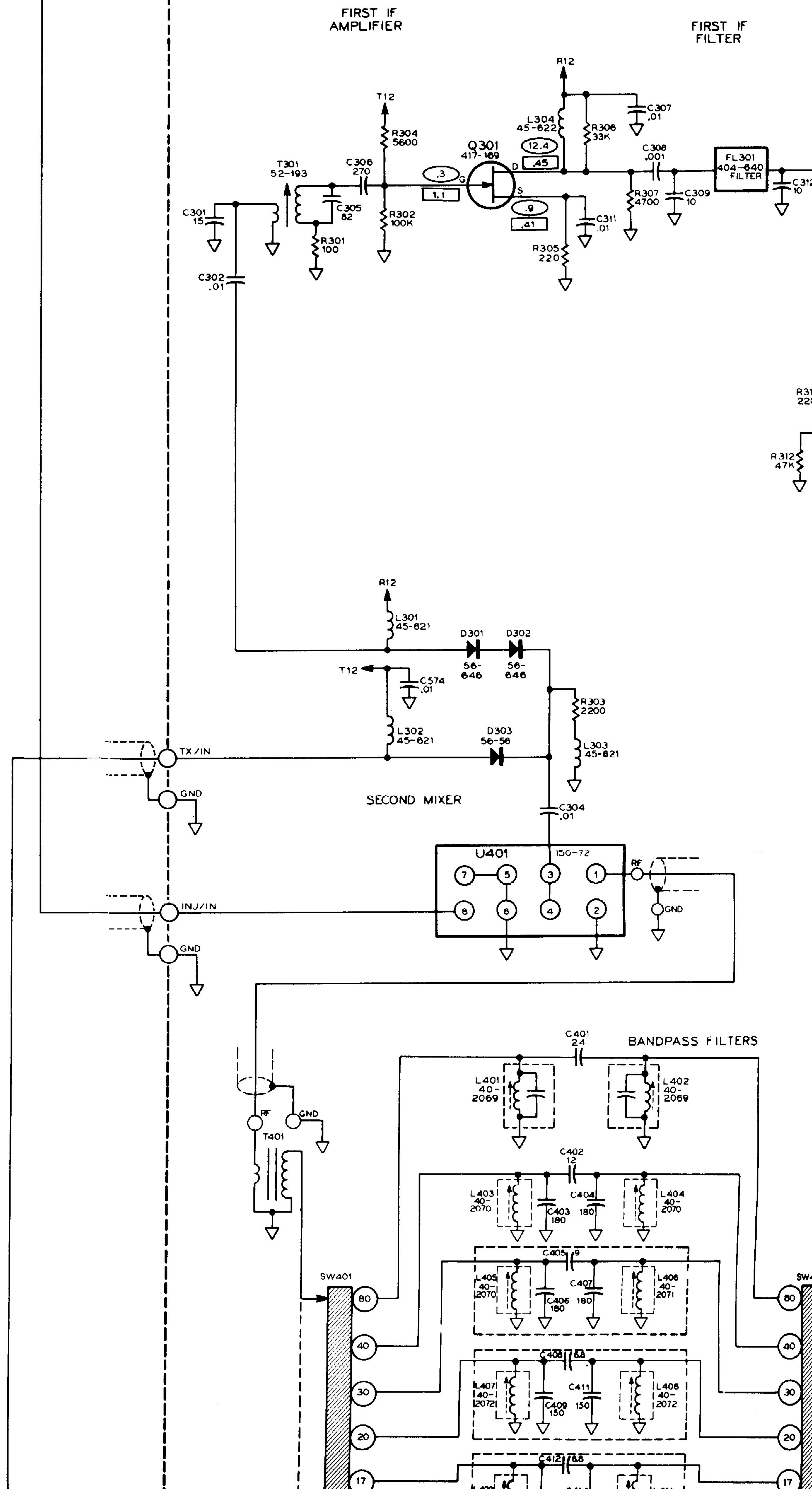
VFO FILTER

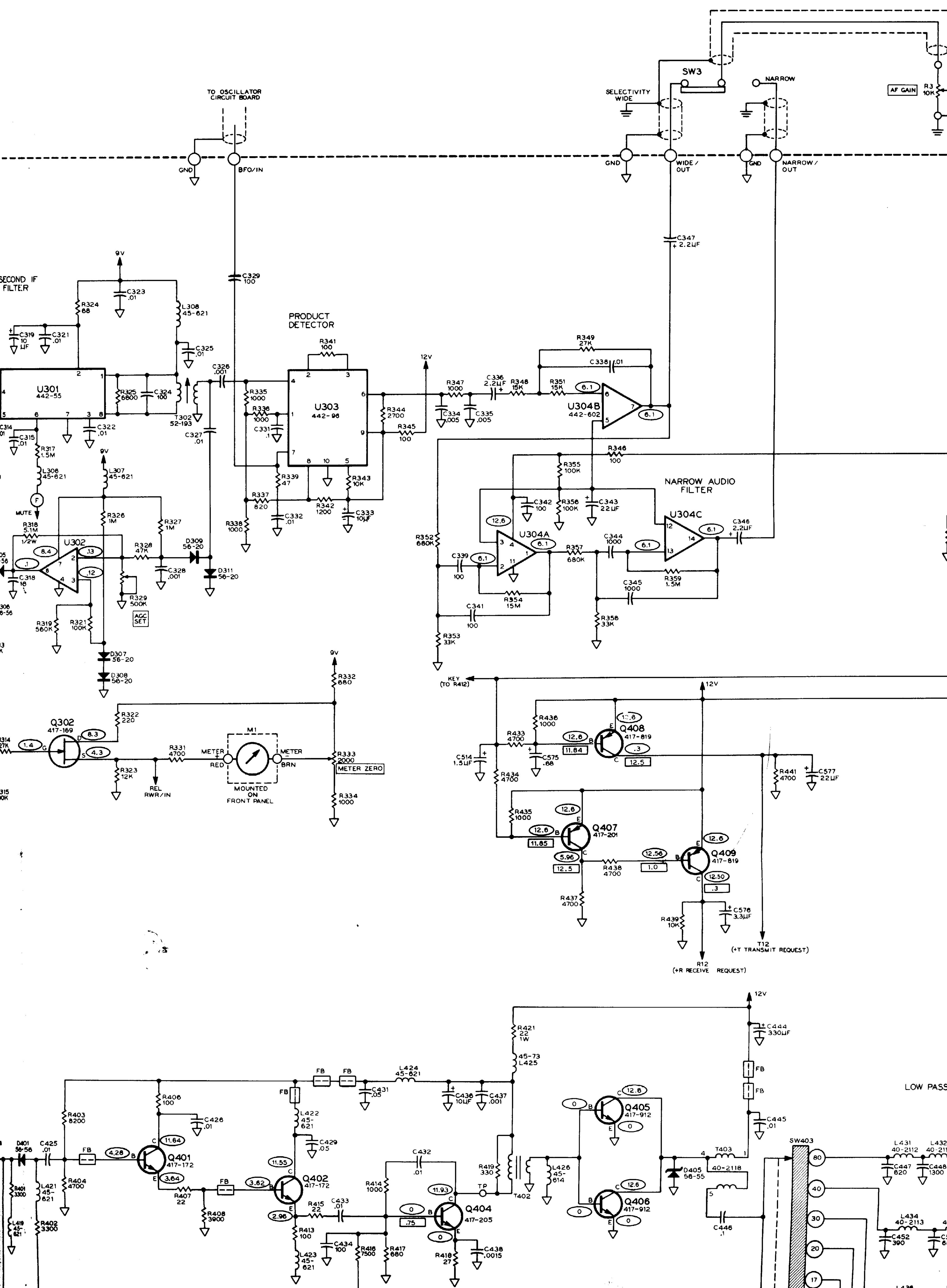
FIRST MIXER

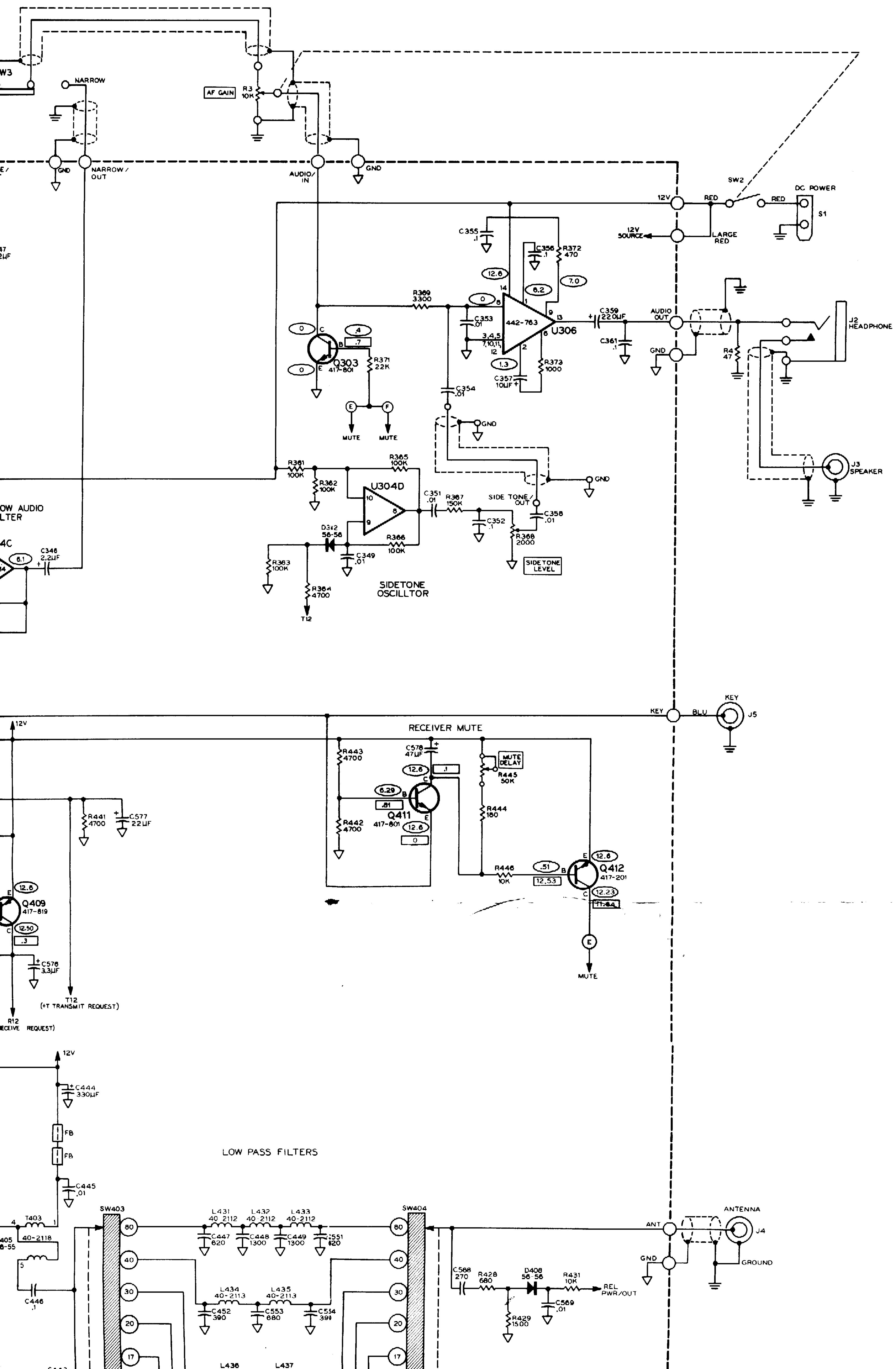


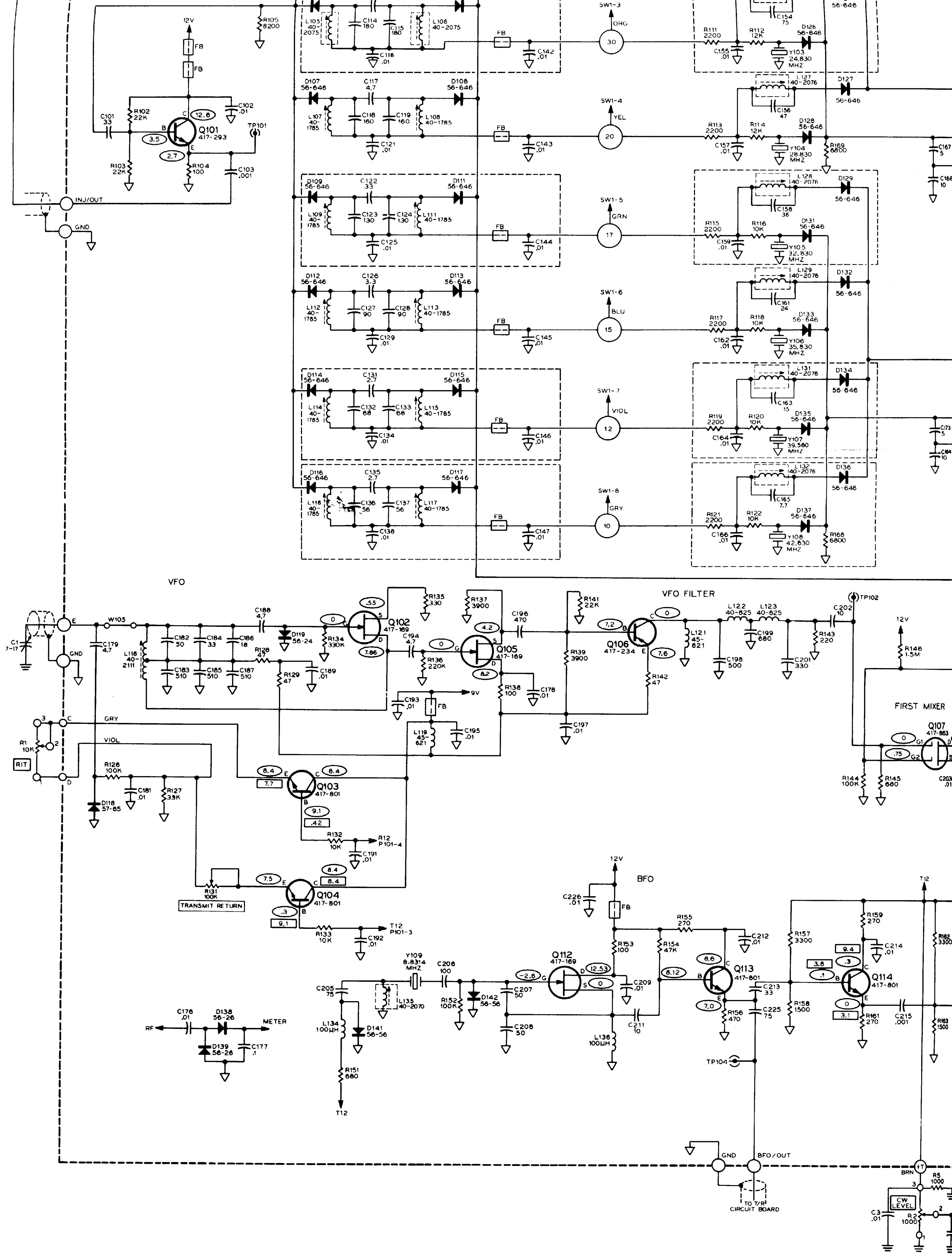


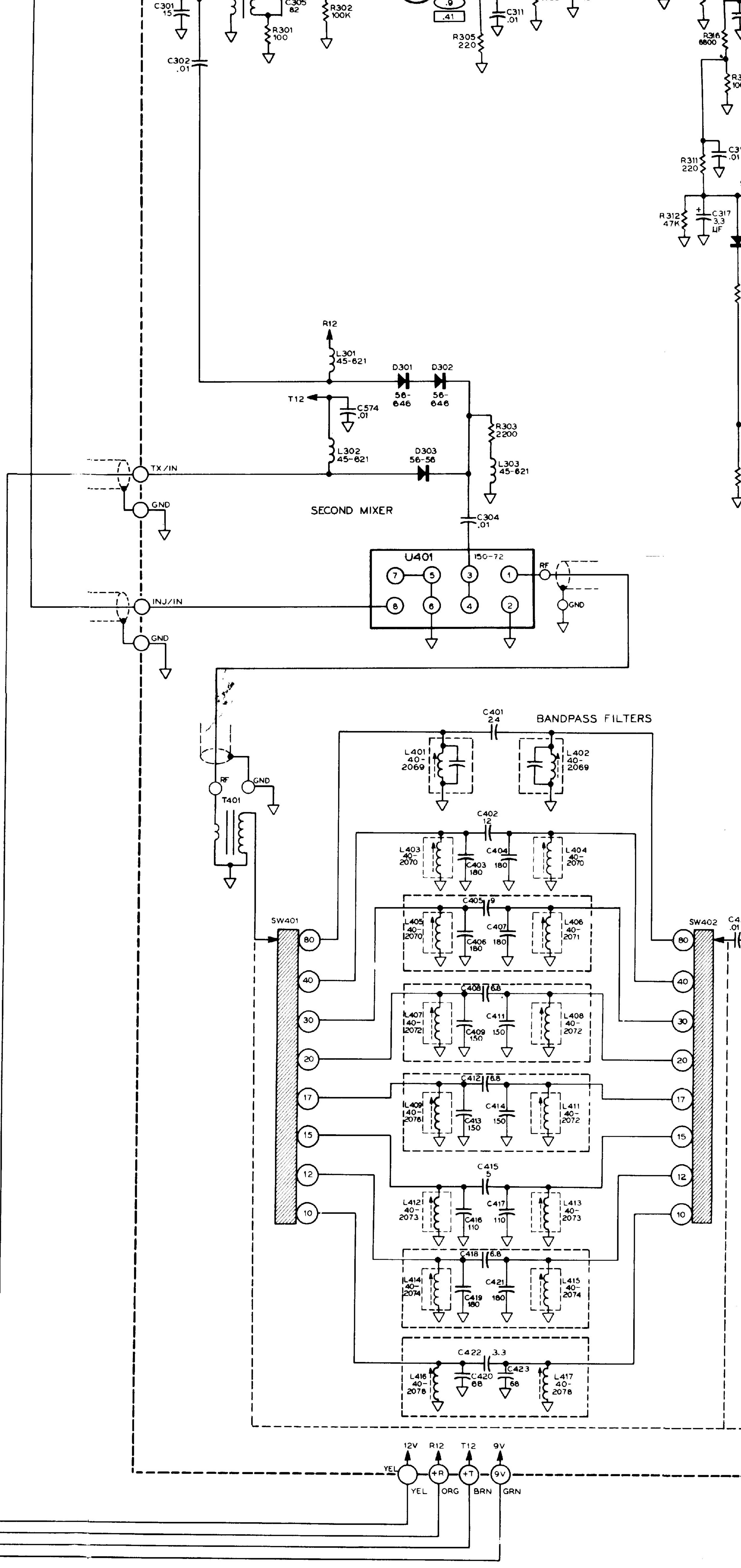
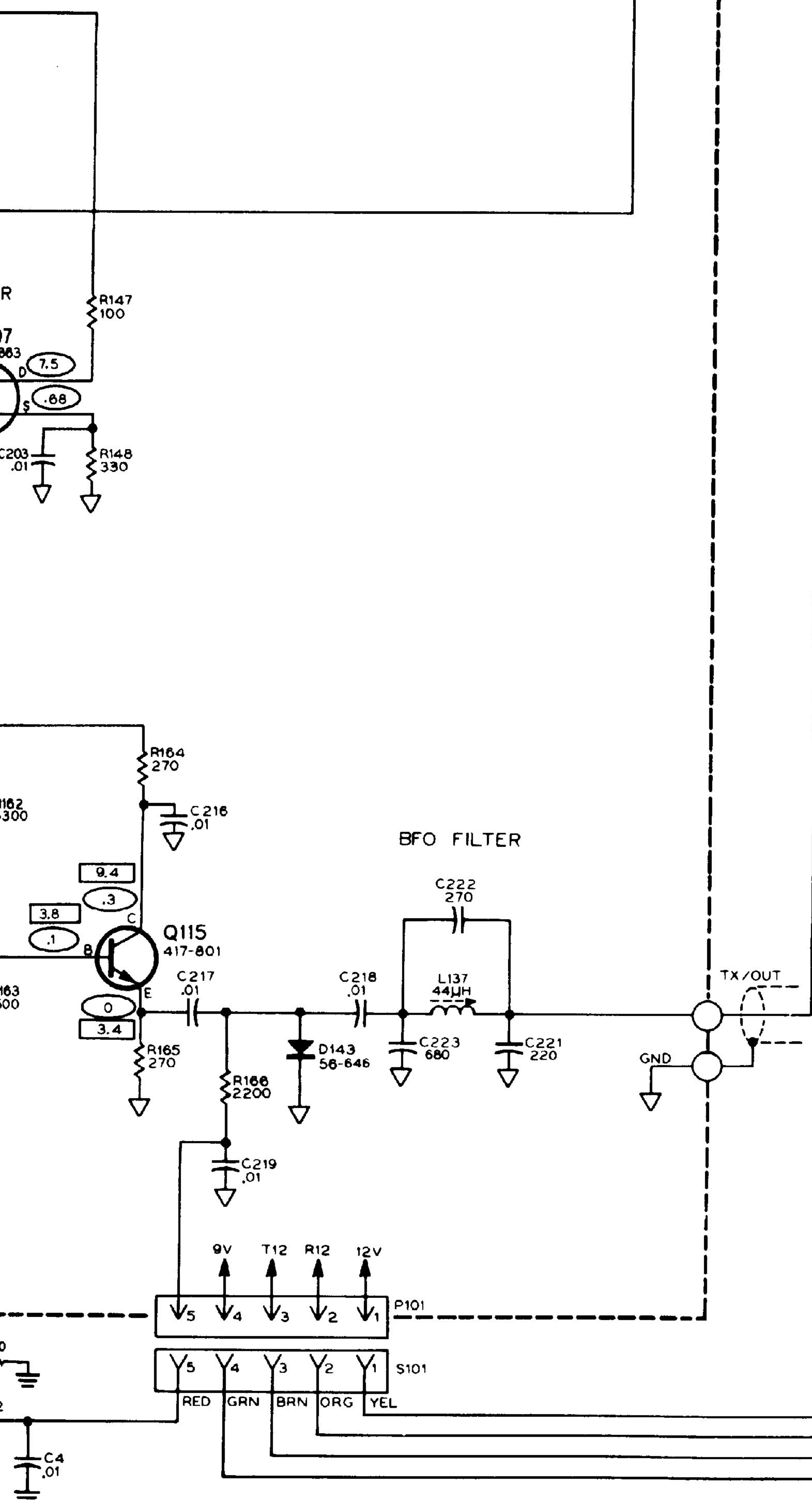
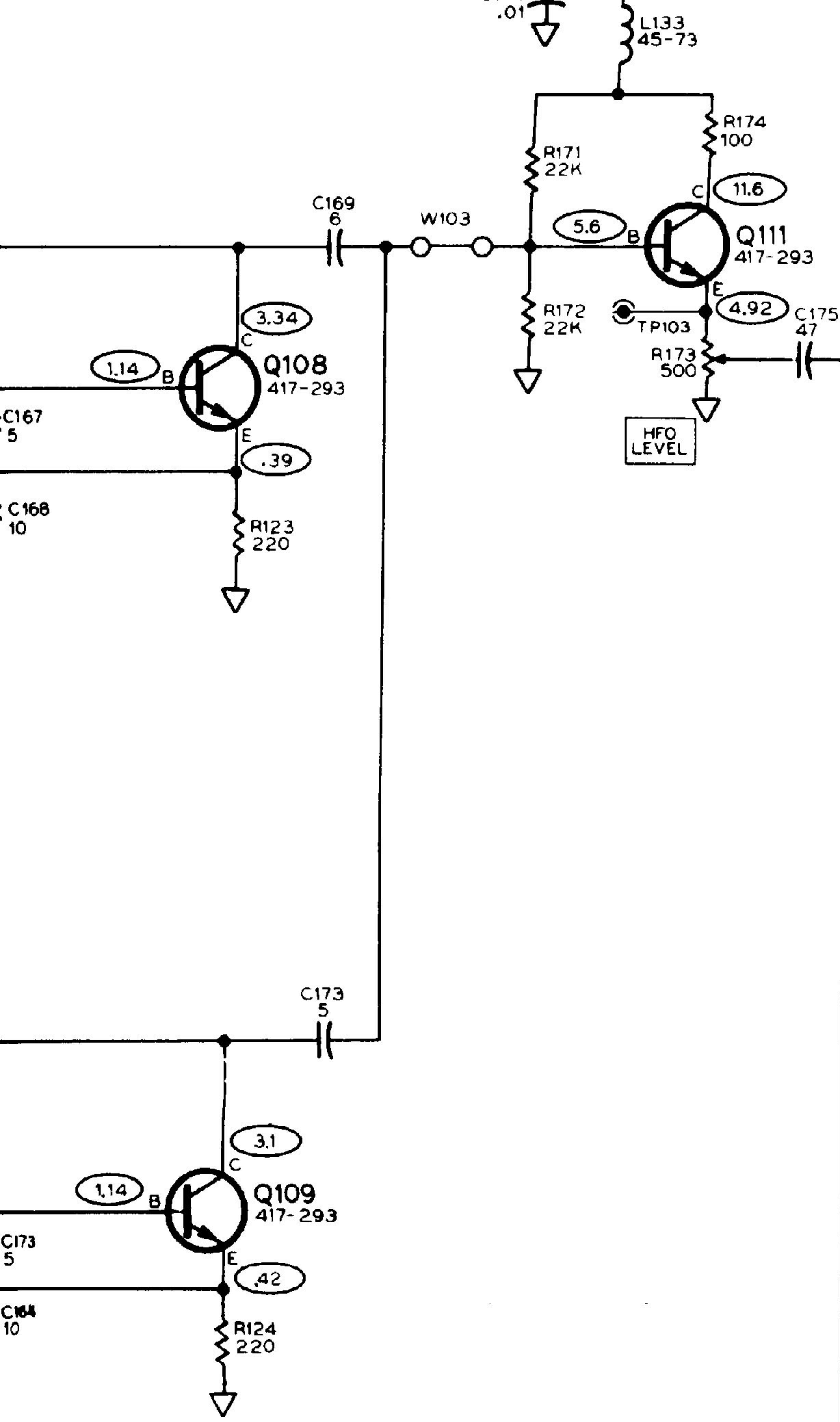
T/R CIRCUIT BOARD

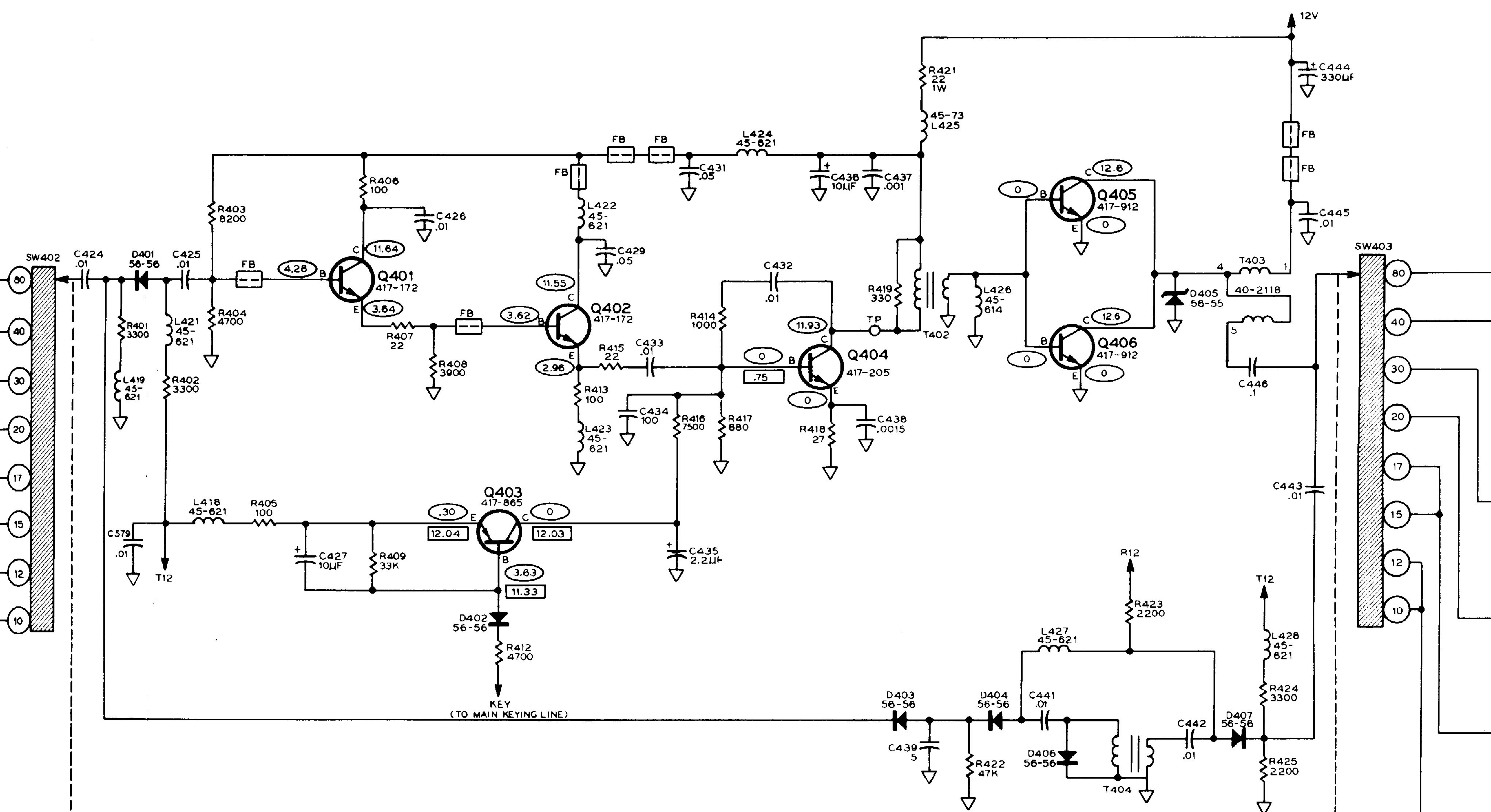
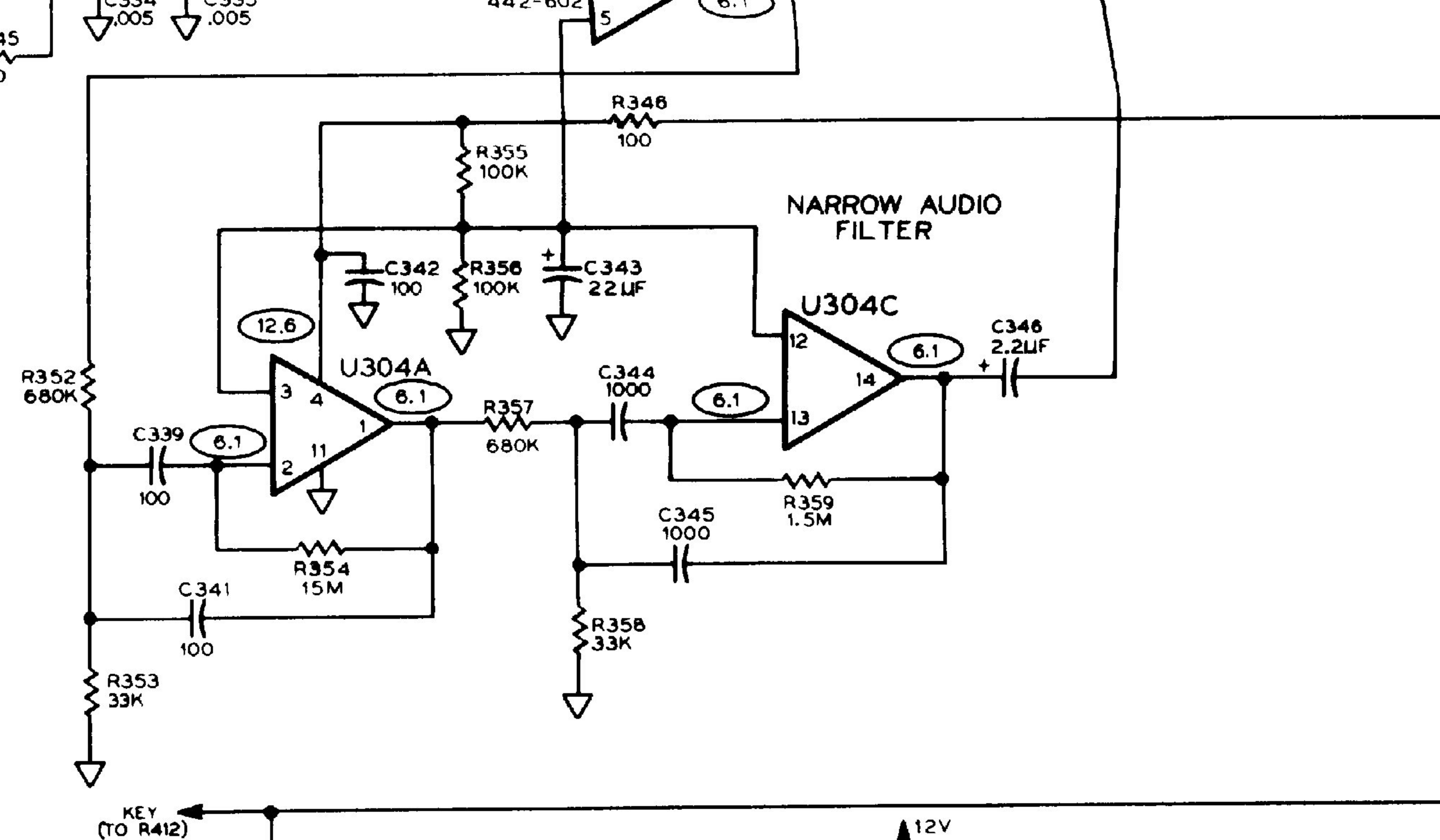


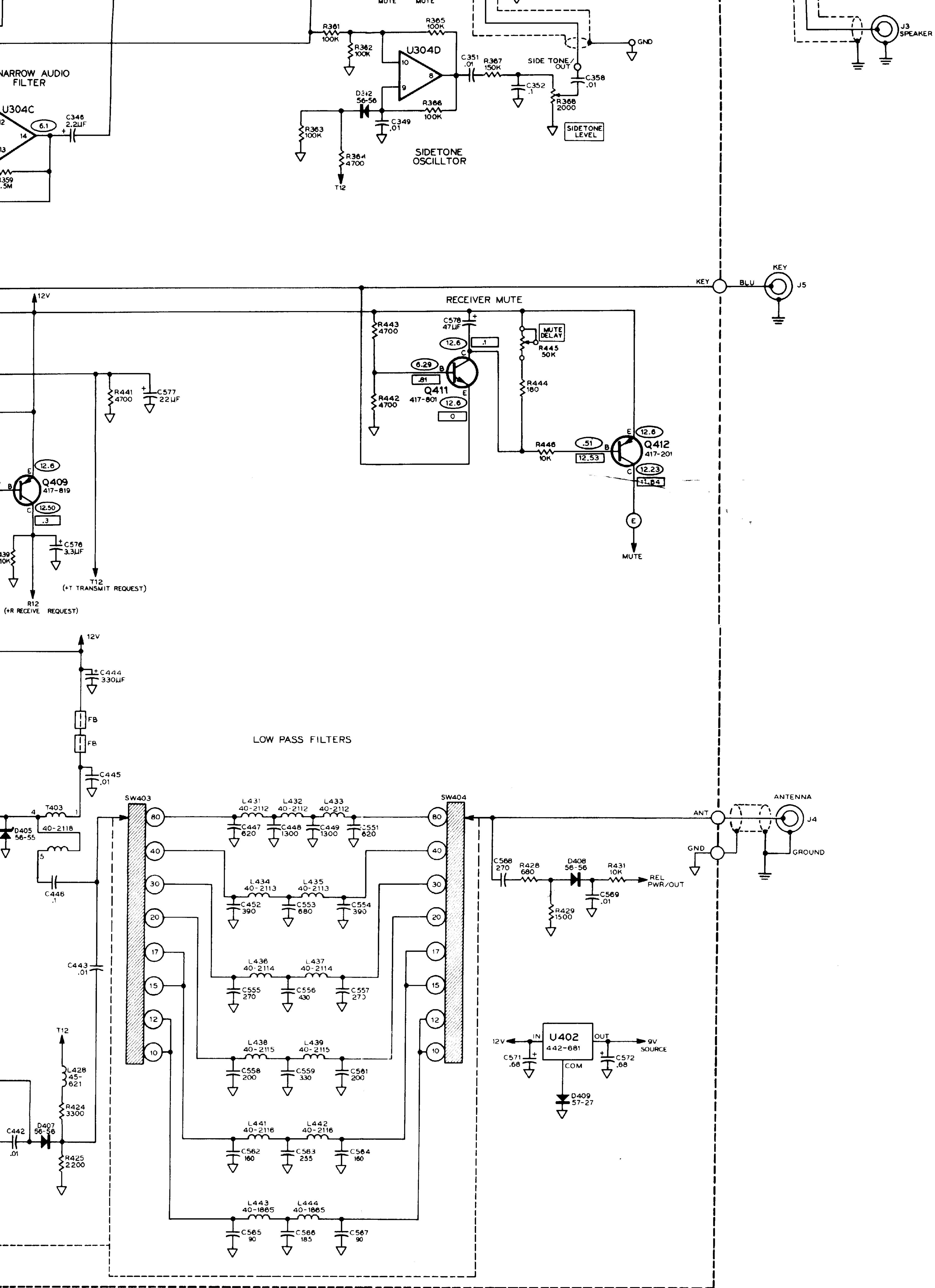












SCHEMATIC OF THE HEATHKIT® DELUXE QRP CW TRANSCEIVER MODEL HW-9


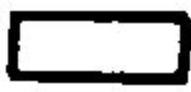




NOTES:

1. COMPONENT NUMBERS ARE IN THE FOLLOWING GROUPS:

1-99 PARTS MOUNTED ON THE CHASSIS.

100-299 PARTS MOUNTED ON THE OSCILLATOR CIRCUIT BOARD.

300-399 PARTS MOUNTED IN THE RECEIVER SECTION OF THE
 T/R CIRCUIT BOARD.

400-499 PARTS MOUNTED IN THE TRANSMITTER SECTION OF THE
 T/R CIRCUIT BOARD.
2. ALL RESISTORS ARE RATED AT 1/4-WATT AND HAVE 5% TOLERANCE
UNLESS OTHERWISE NOTED. RESISTOR VALUES ARE IN OHMS
(k = 1000, M = 1,000,000).
3. CAPACITOR VALUES LESS THAN 1 ARE IN μ F (MICROFARADS). ALL
OTHER CAPACITOR VALUES ARE IN pF (PICOFARADS) UNLESS
OTHERWISE NOTED.
4.  THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASURED
WITH A HIGH IMPEDANCE VOLTMETER FROM THE POINT INDI-
CATED TO CHASSIS GROUND (RECEIVE MODE, NO SIGNAL INPUT).
5.  THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASURED
FROM THE POINT INDICATED TO CHASSIS GROUND (TRANSMIT
MODE).
6.  THIS SYMBOL INDICATES CIRCUIT BOARD GROUND.
7.  THIS SYMBOL INDICATES CHASSIS GROUND.
8.  THIS SYMBOL INDICATES A SOLDERED CONNECTION TO A
CIRCUIT BOARD.
9.  THIS SYMBOL INDICATES A PLUG AND SOCKET.
10. REFER TO THE "X-RAY VIEWS" FOR THE PHYSICAL LOCATION
OF PARTS.