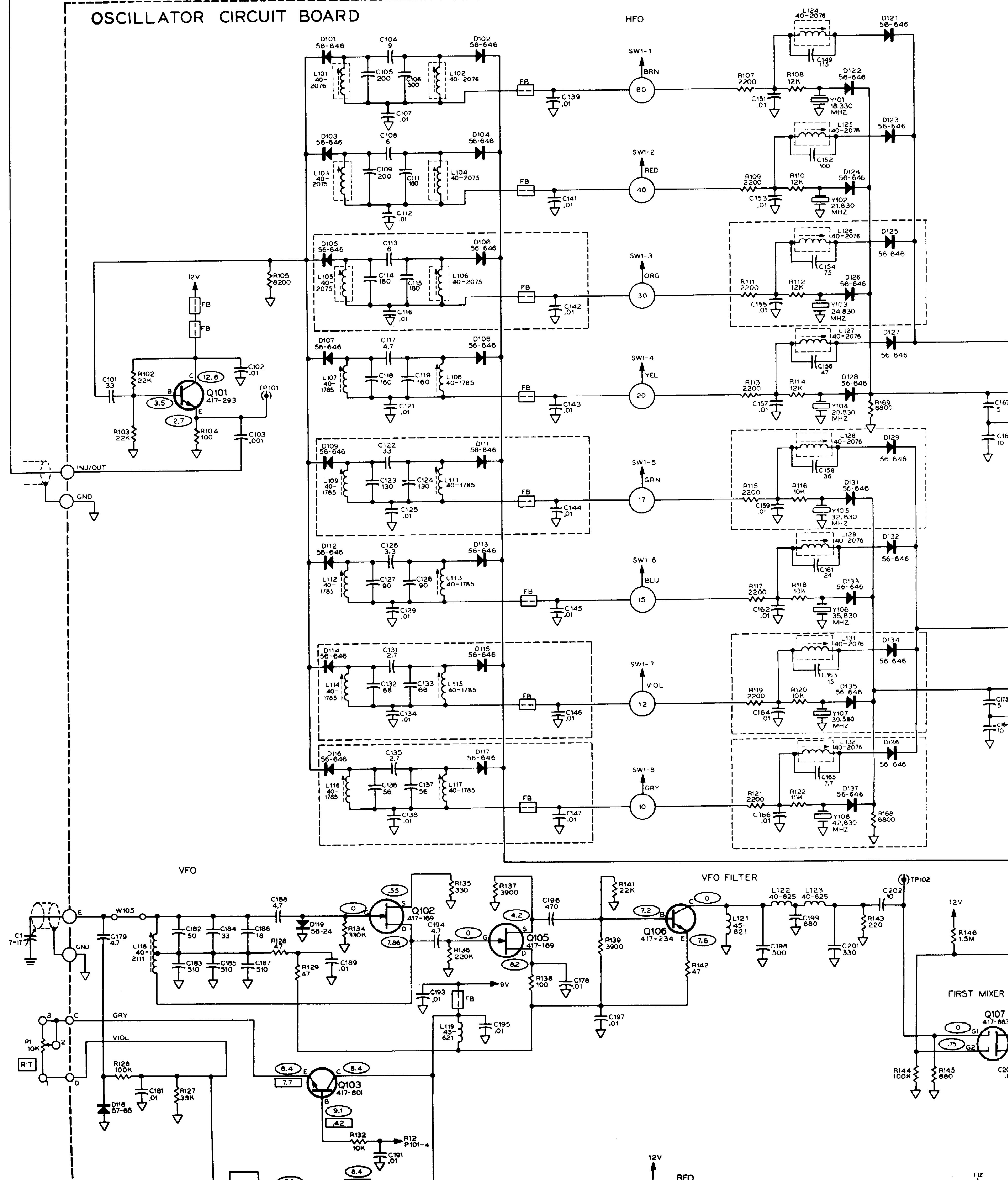
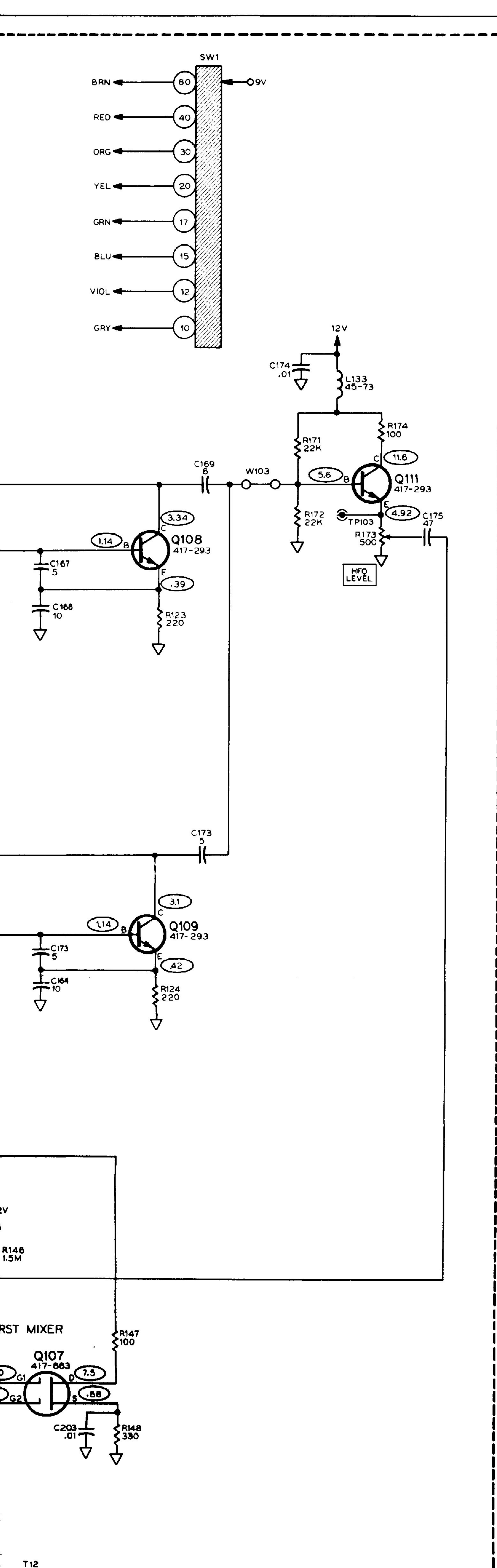
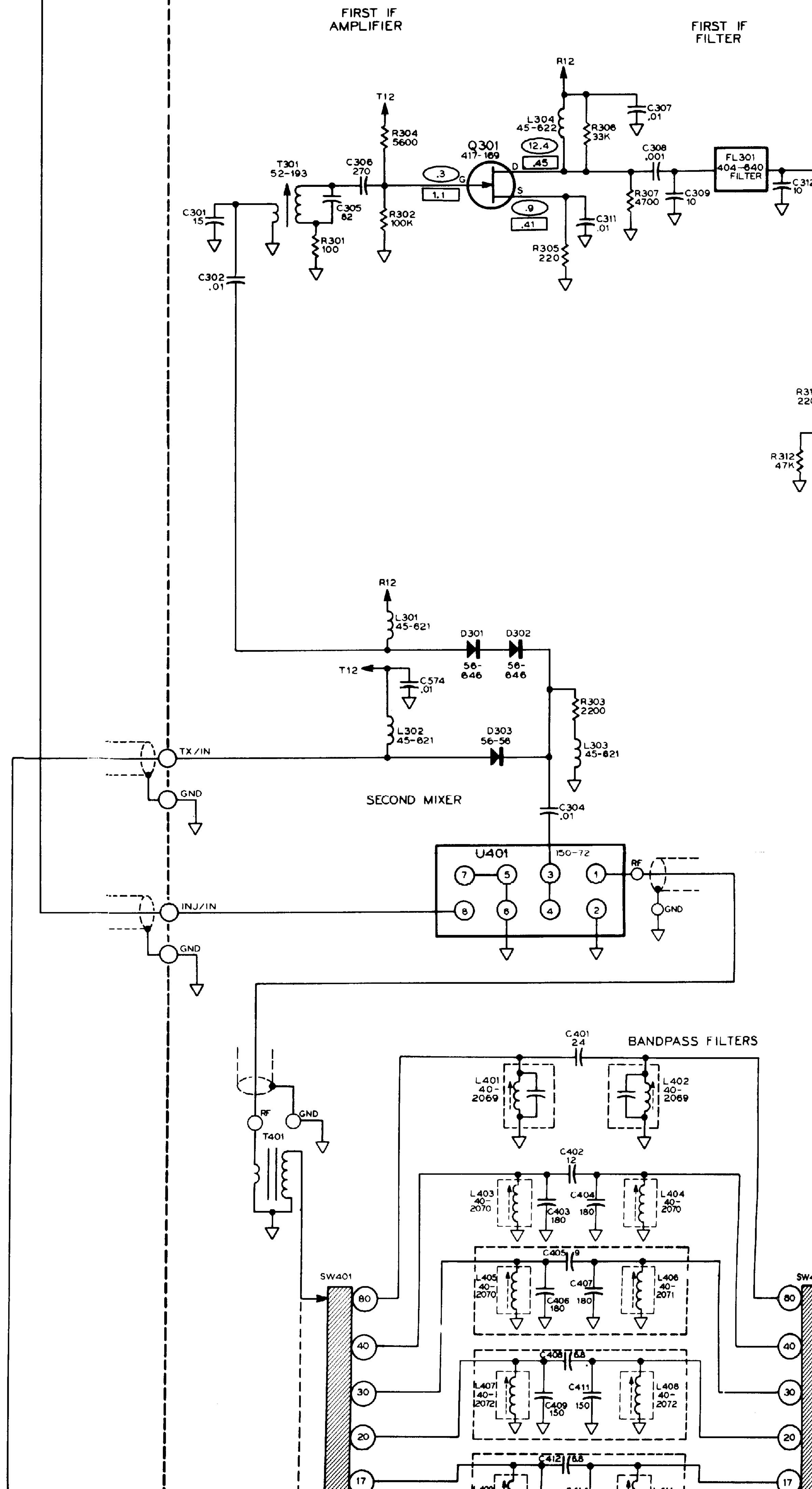


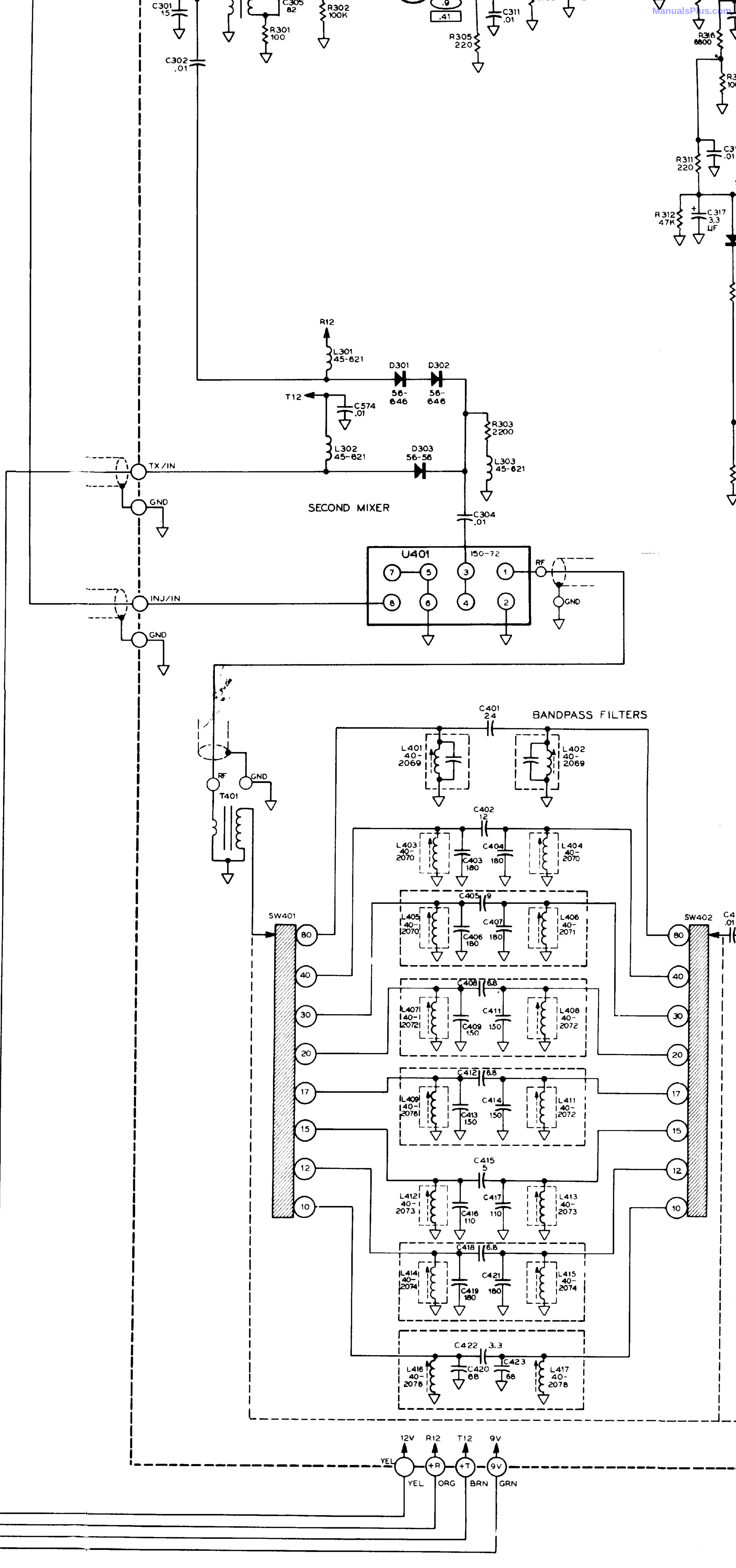
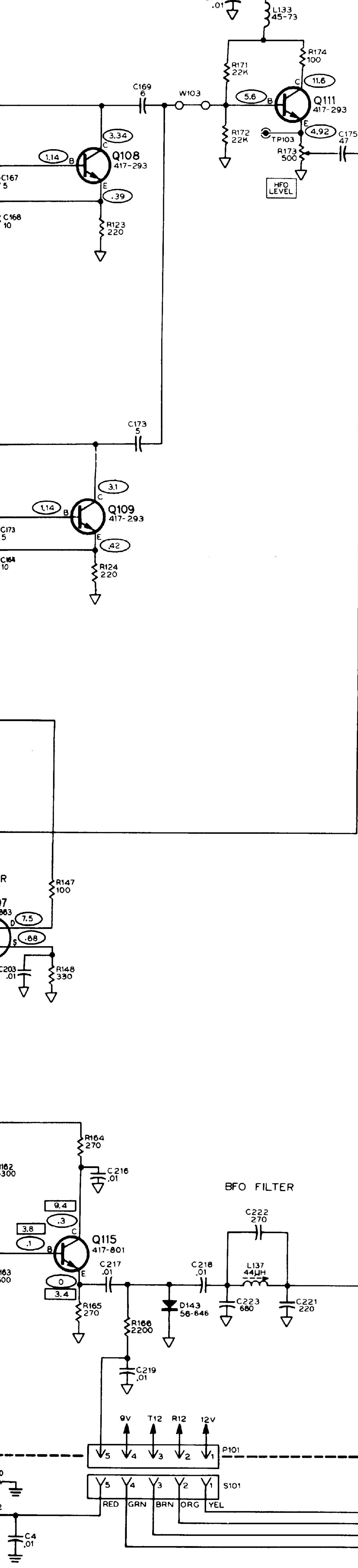
OSCILLATOR CIRCUIT BOARD

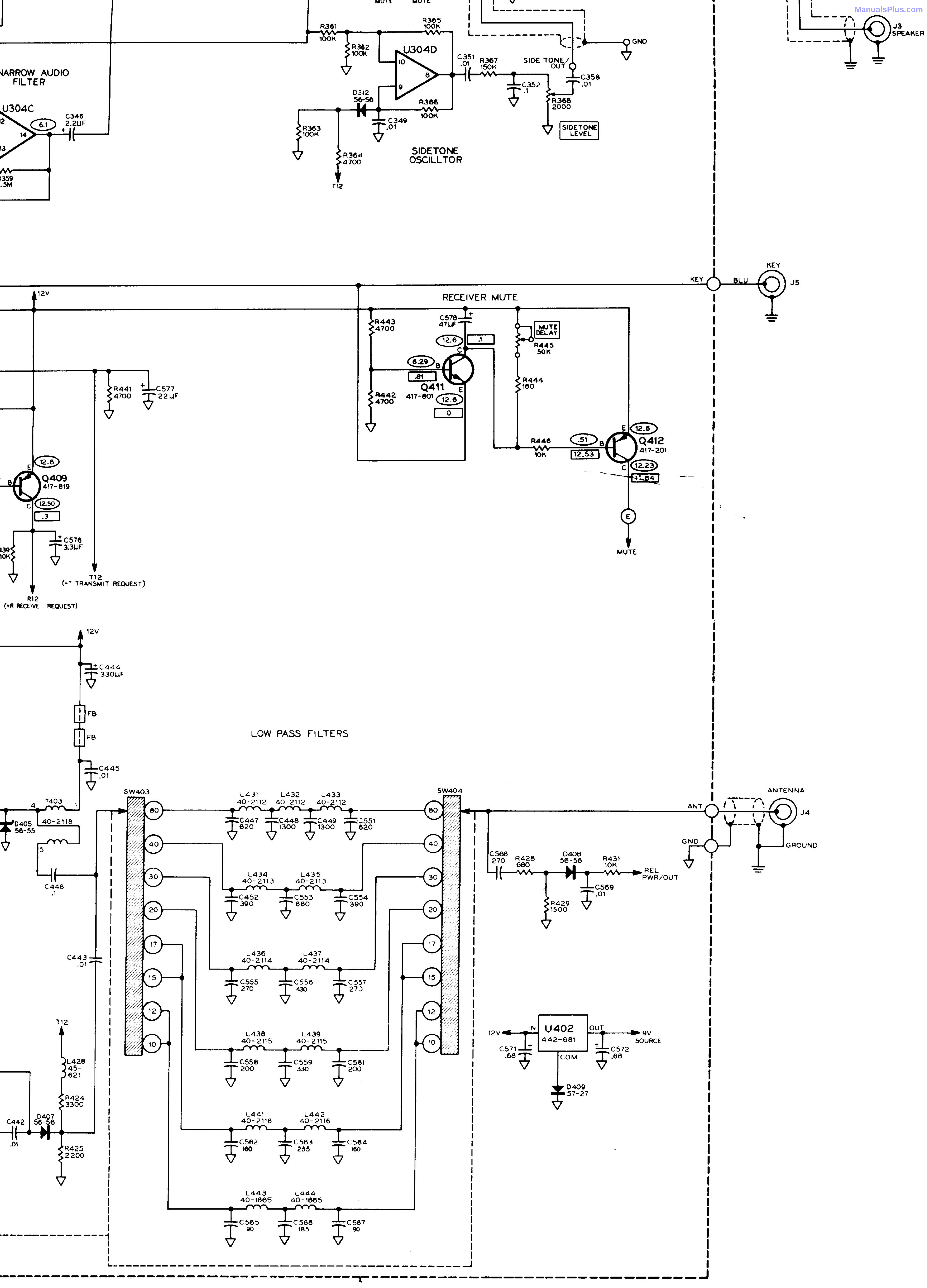




T/R CIRCUIT BOARD

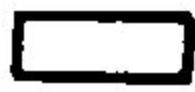


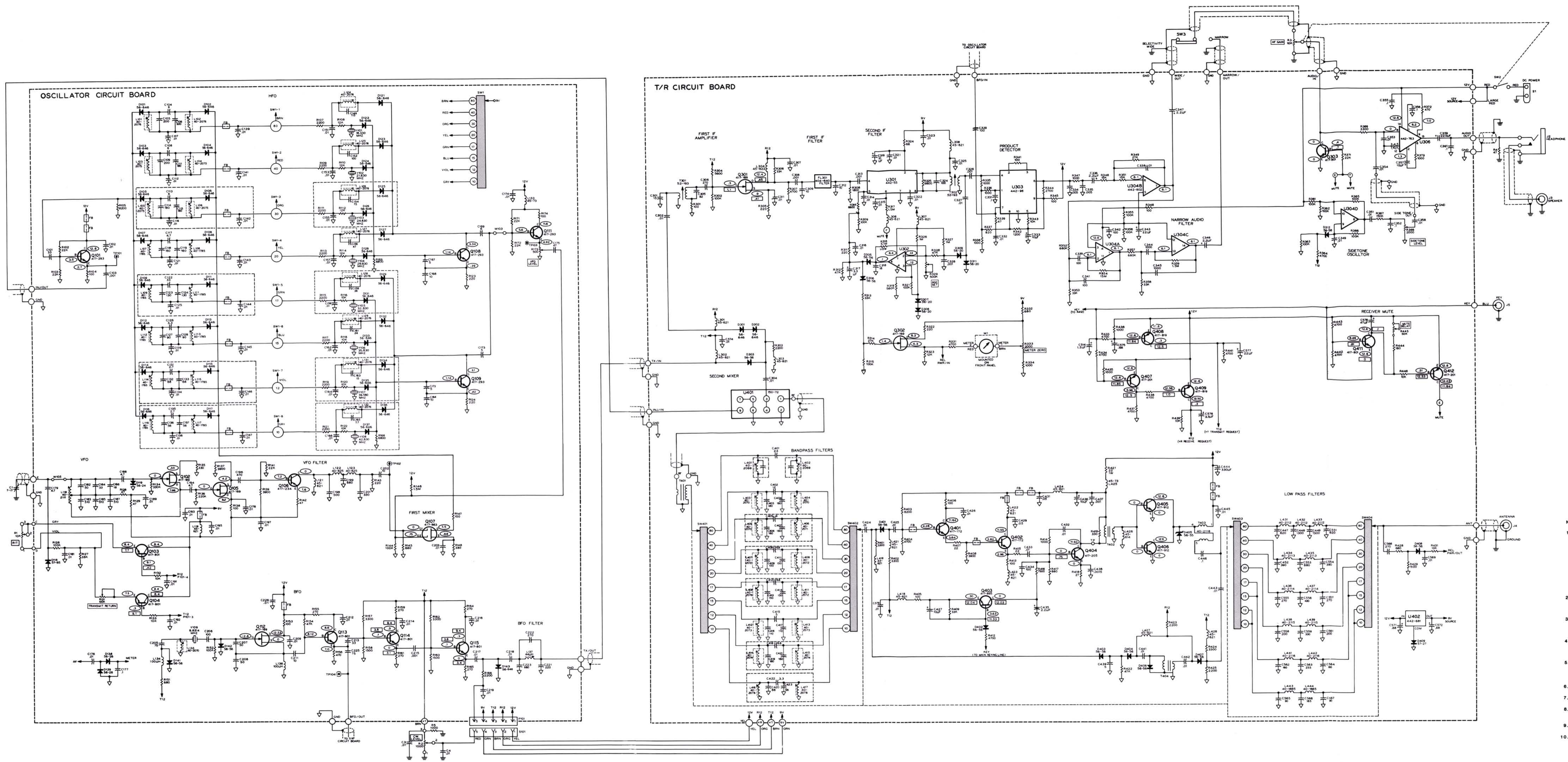




SCHEMATIC OF THE HEATHKIT® DELUXE QRP CW TRANSCEIVER MODEL HW-9

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 INDICATED 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.



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

NOTES:

- 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.
- 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).
- CAPACITOR VALUES LESS THAN 1 ARE IN pF (PICOFARADS). ALL OTHER CAPACITOR VALUES ARE IN pF (PICOFARADS) UNLESS OTHERWISE NOTED.
- THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASURED WITH A HIGH IMPEDANCE VOLT-METER FROM THE POINT INDICATED TO CHASSIS GROUND (RECEIVE MODE, NO SIGNAL INPUT).
- THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASURED FROM THE POINT INDICATED TO CHASSIS GROUND (TRANSMIT MODE).
- THIS SYMBOL INDICATES CIRCUIT BOARD GROUND.
- THIS SYMBOL INDICATES CHASSIS GROUND.
- THIS SYMBOL INDICATES A SOLDERED CONNECTION TO A CIRCUIT BOARD.
- THIS SYMBOL INDICATES A PLUG AND SOCKET.
- REFER TO THE "X-RAY VIEWS" FOR THE PHYSICAL LOCATION OF PARTS.