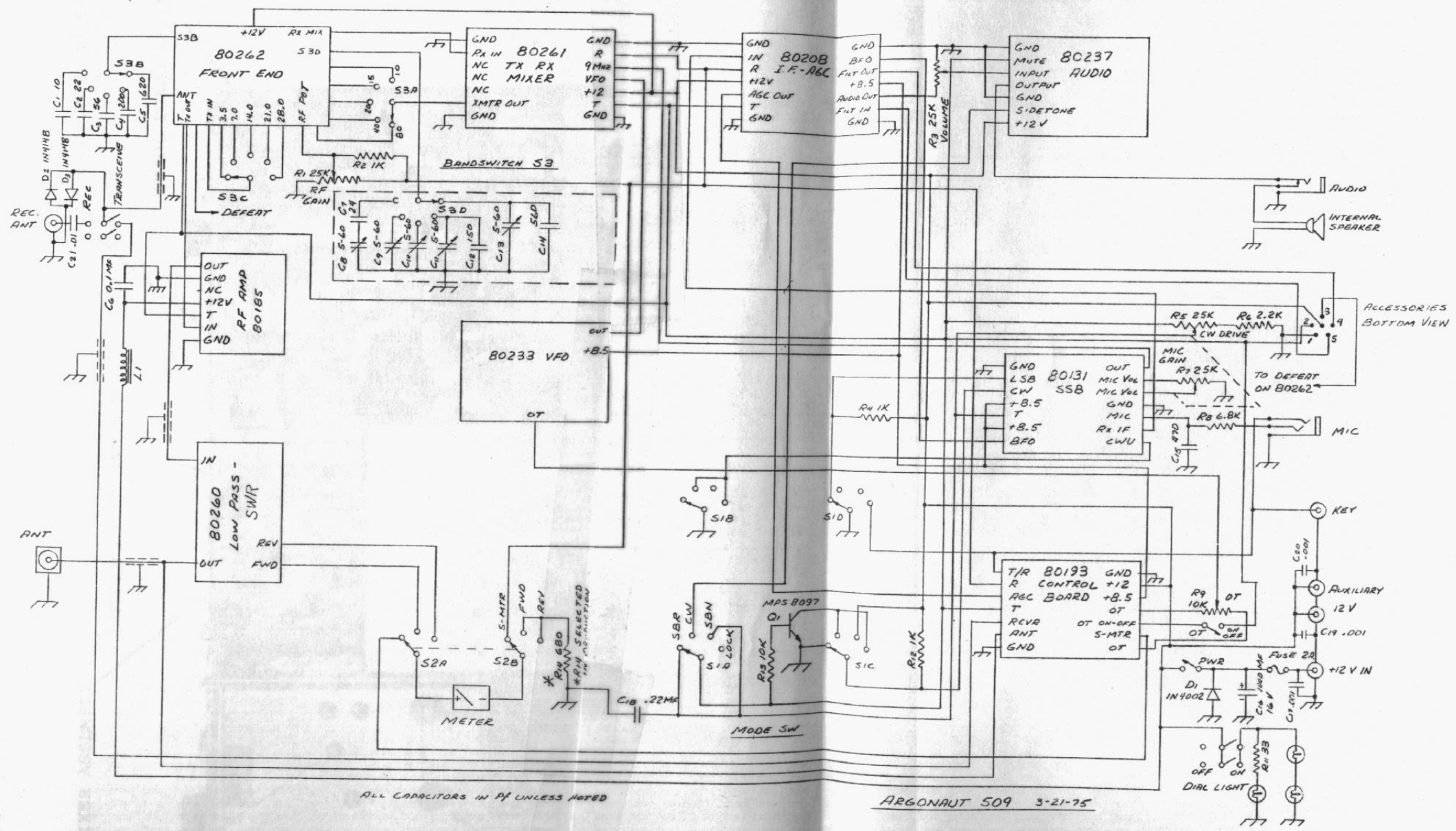


80233 OSCILLATOR



ALL CAPACITORS IN Pf UNLESS NOTED

ARGONAUT 509 3-21-75

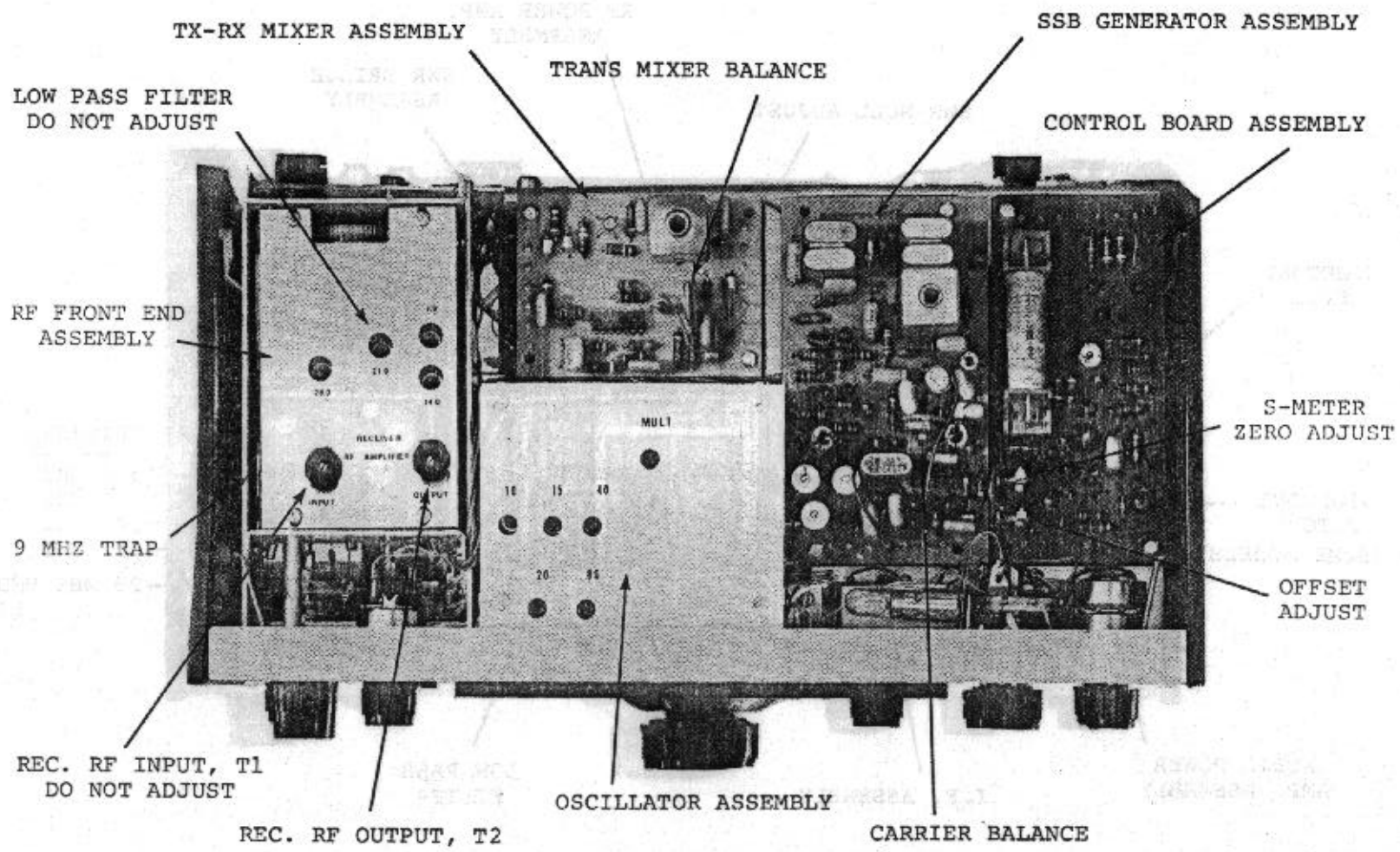


FIGURE 1 - TOP VIEW

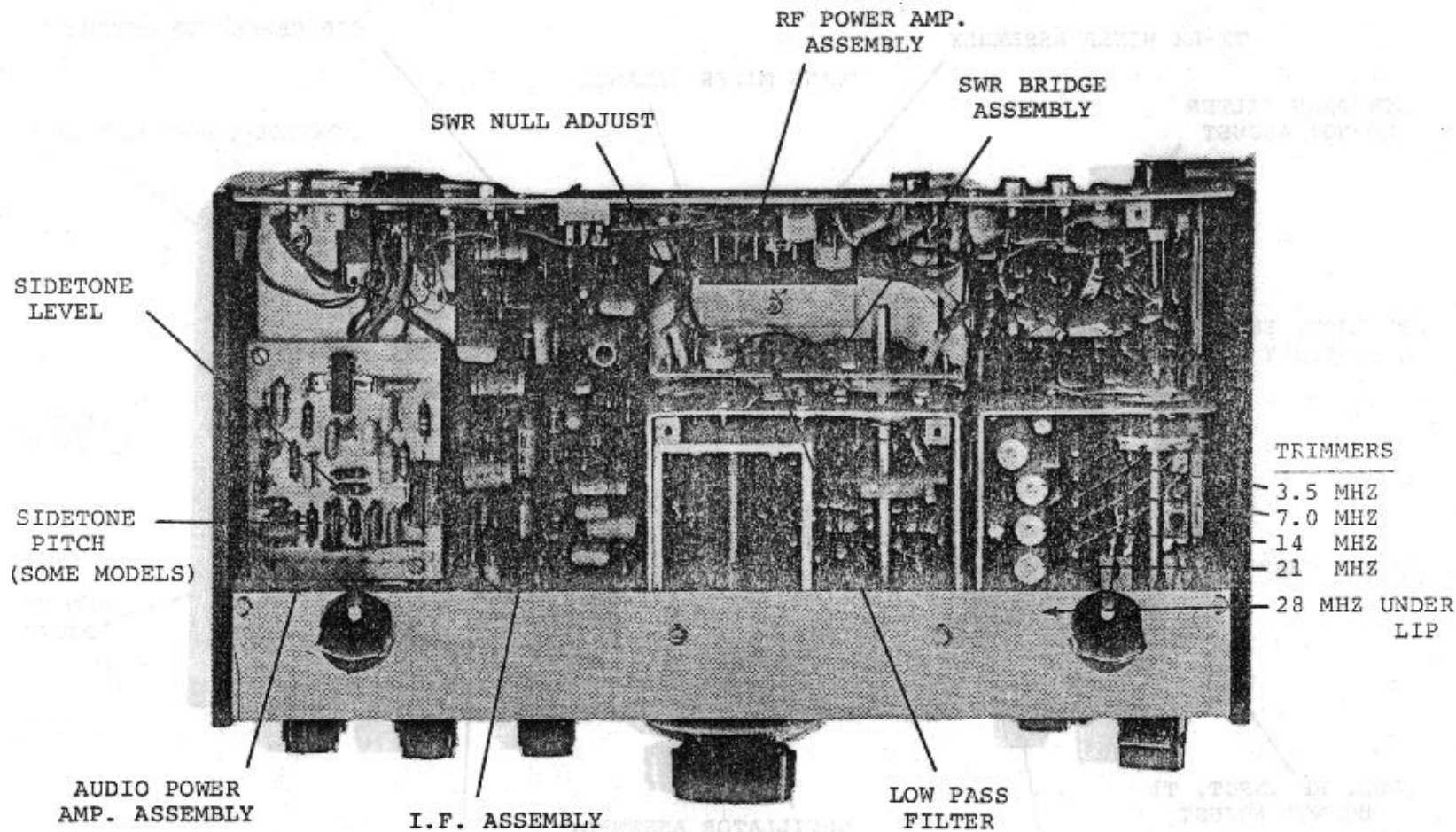
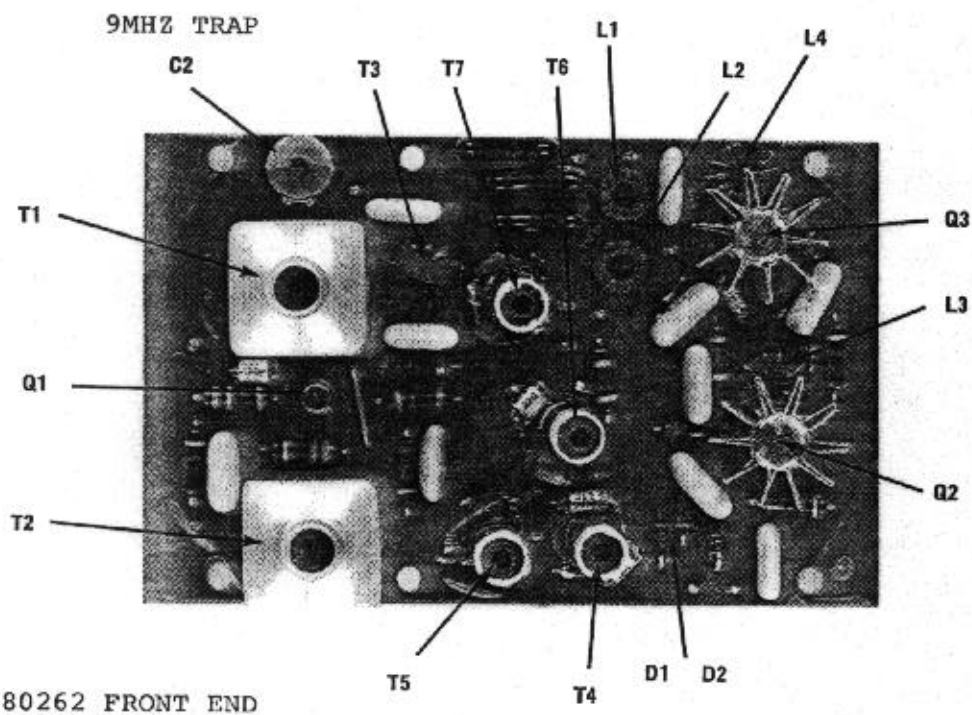
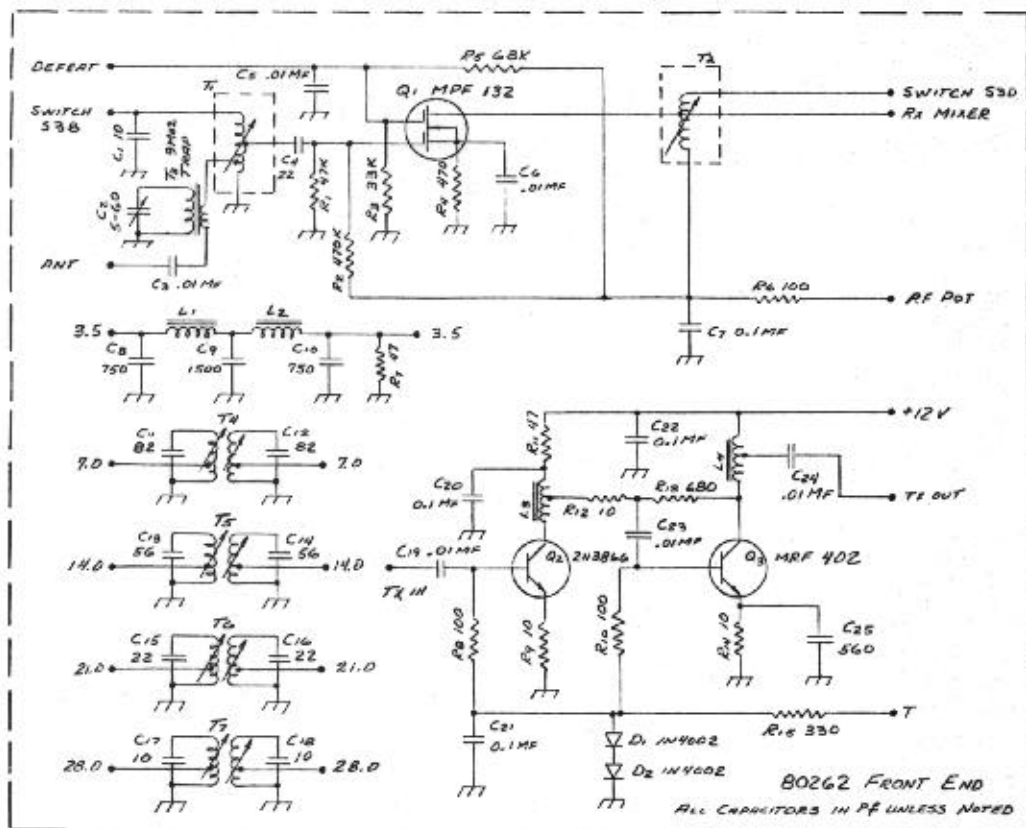
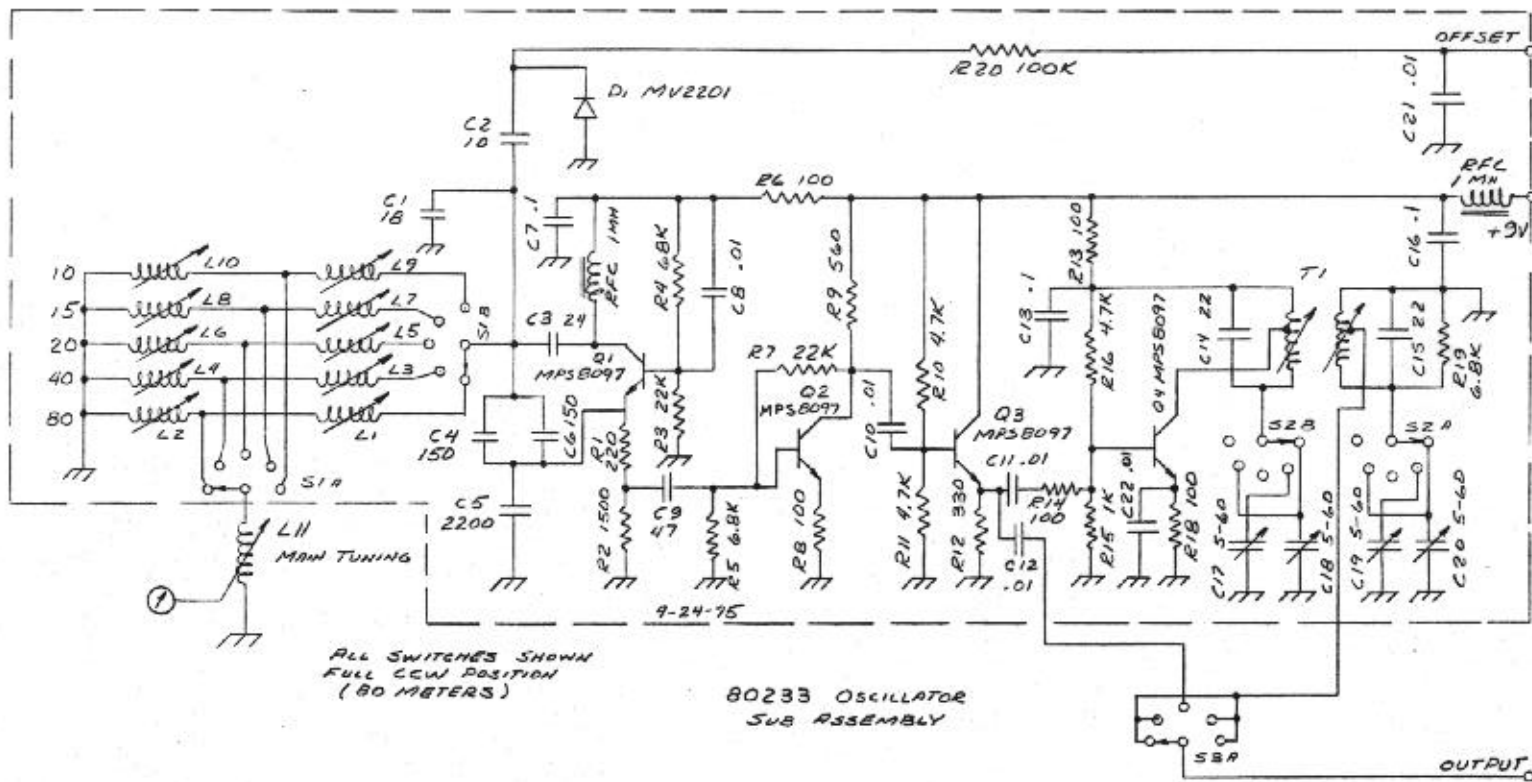
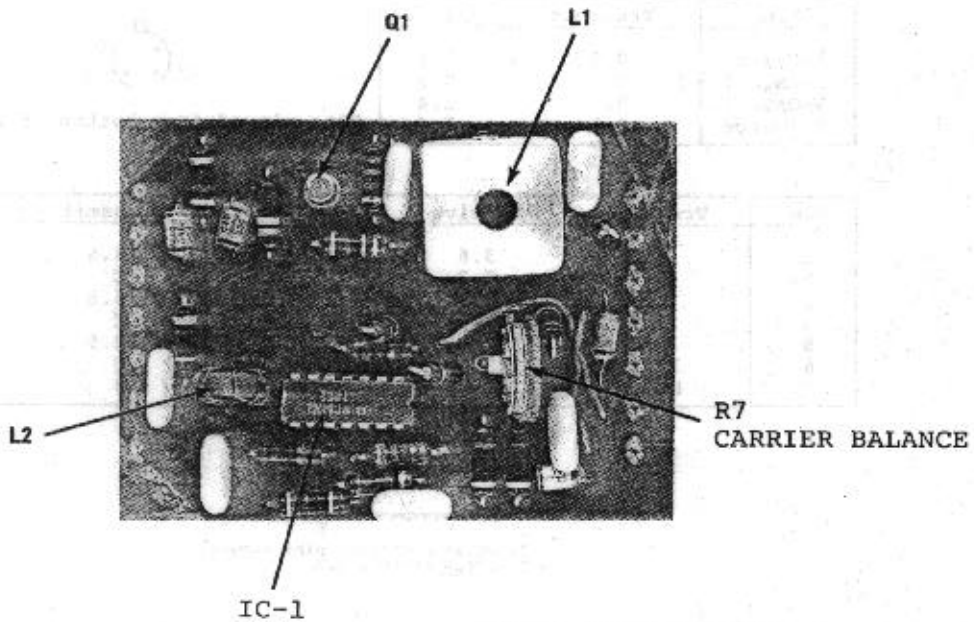
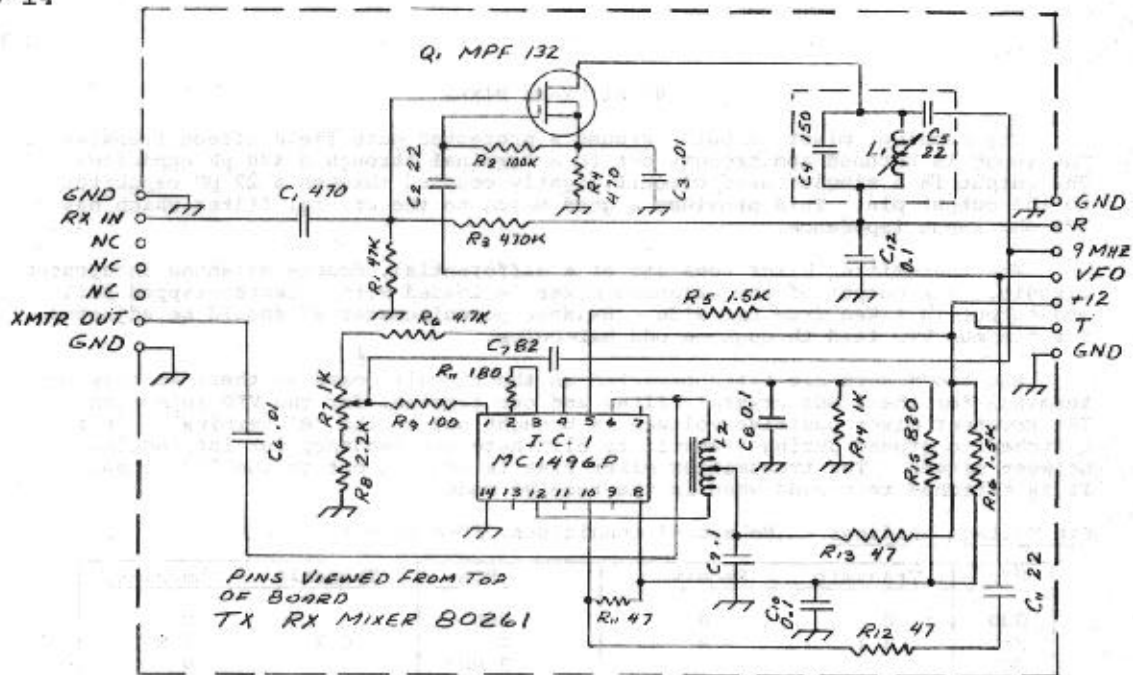


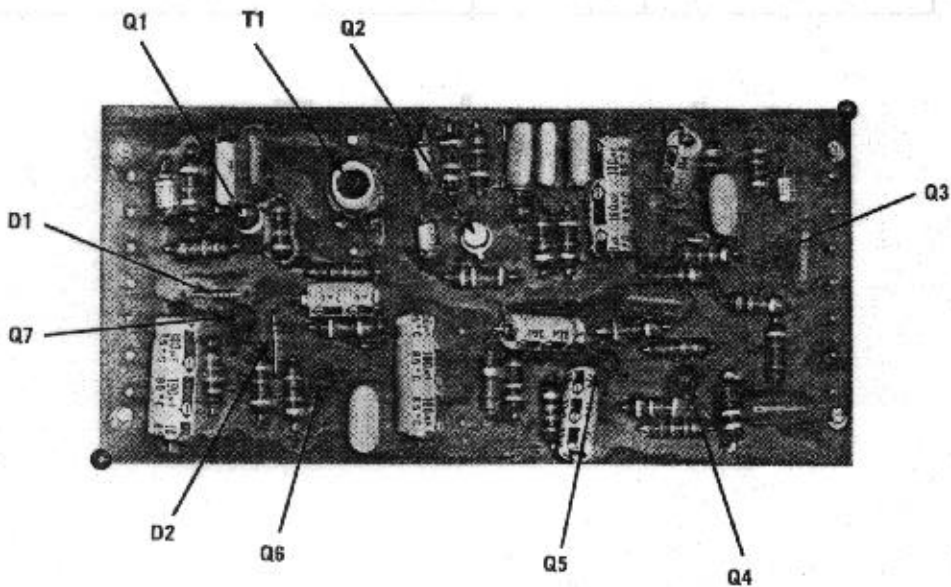
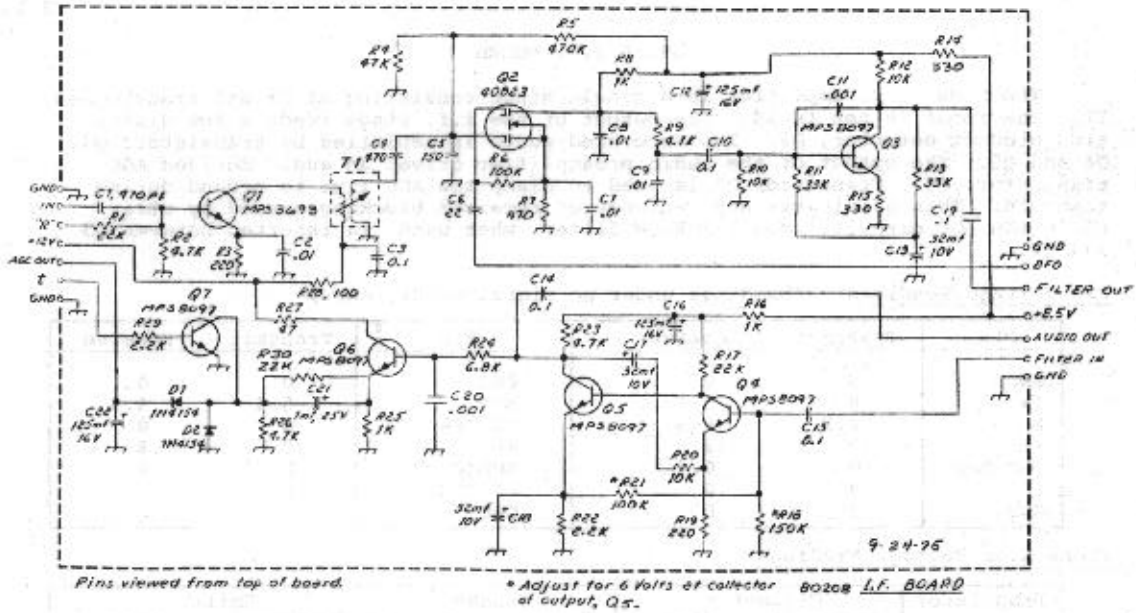
FIGURE 2 - BOTTOM VIEW





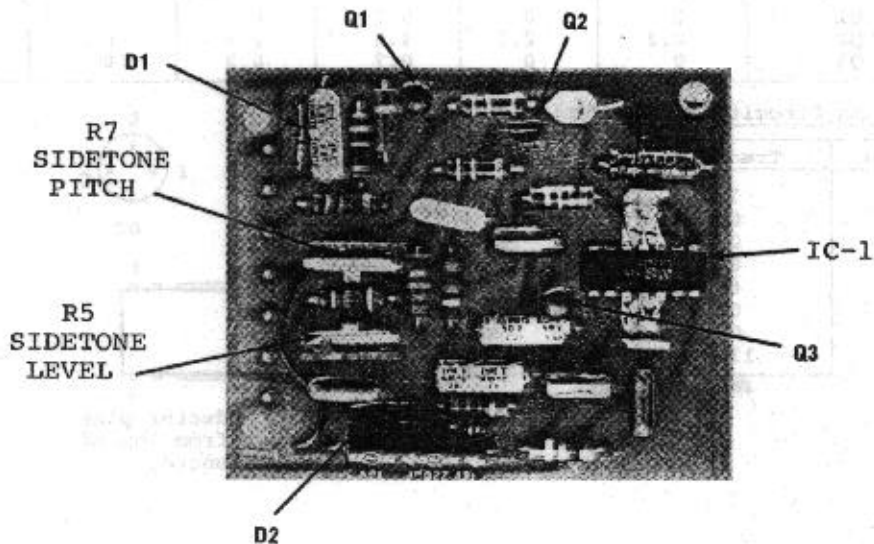
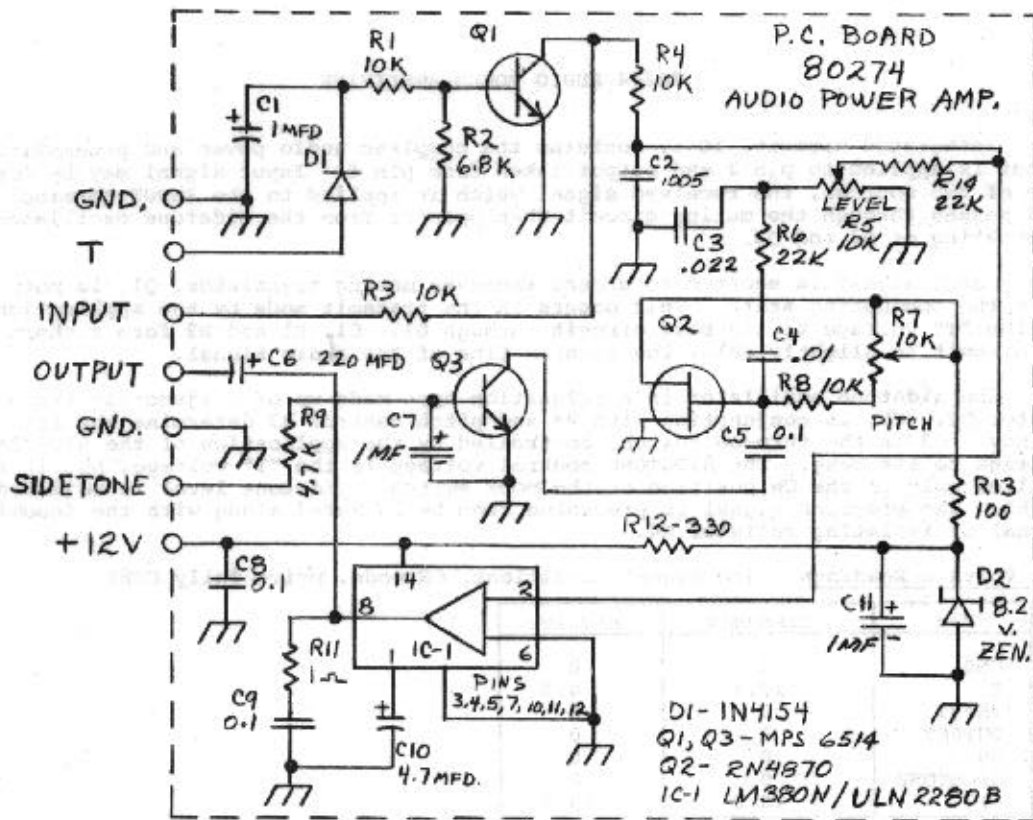


80261 TX-RX MIXER

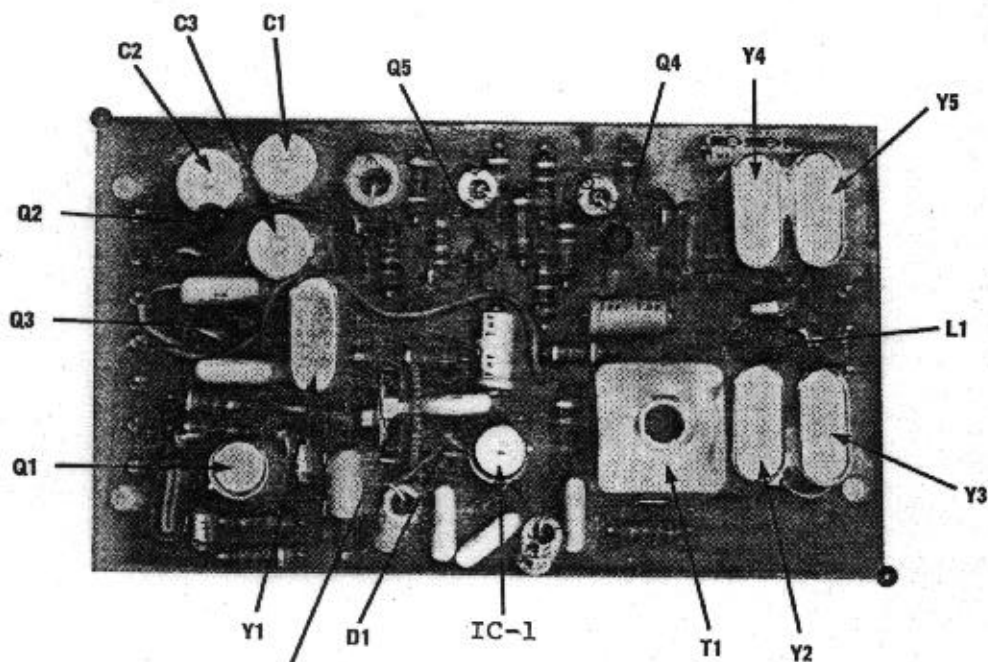
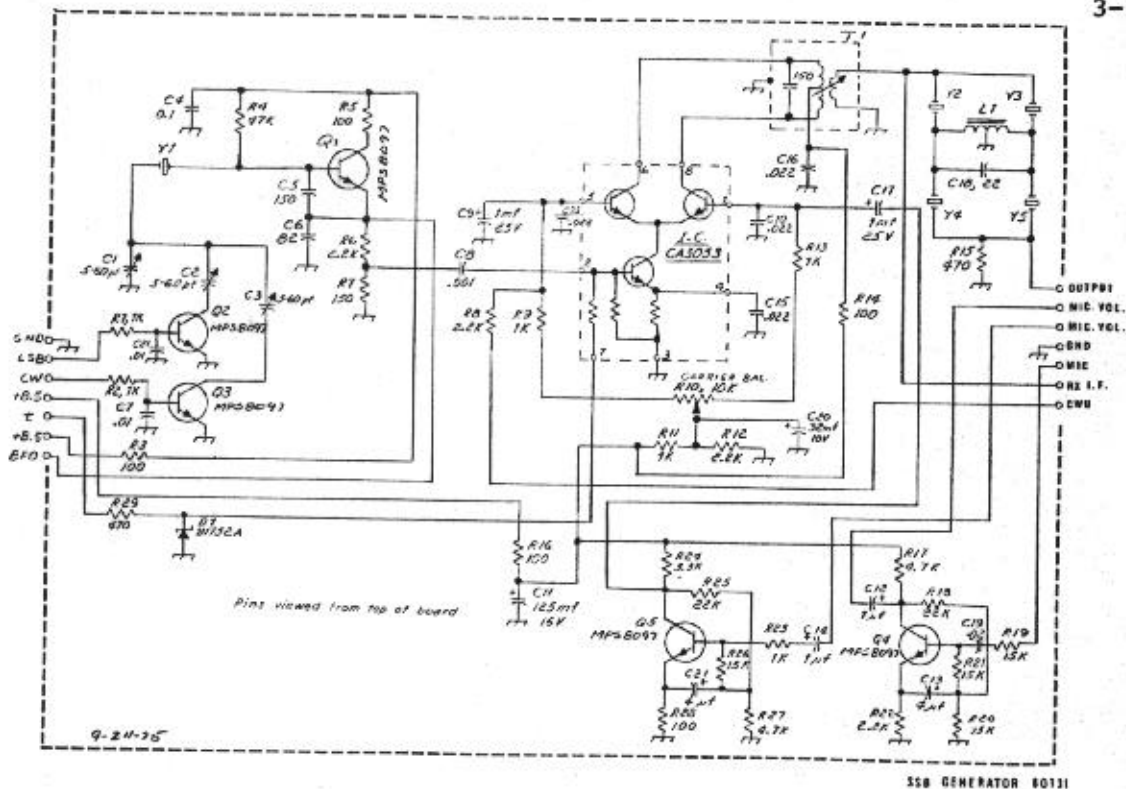


80208 I.F. BOARD



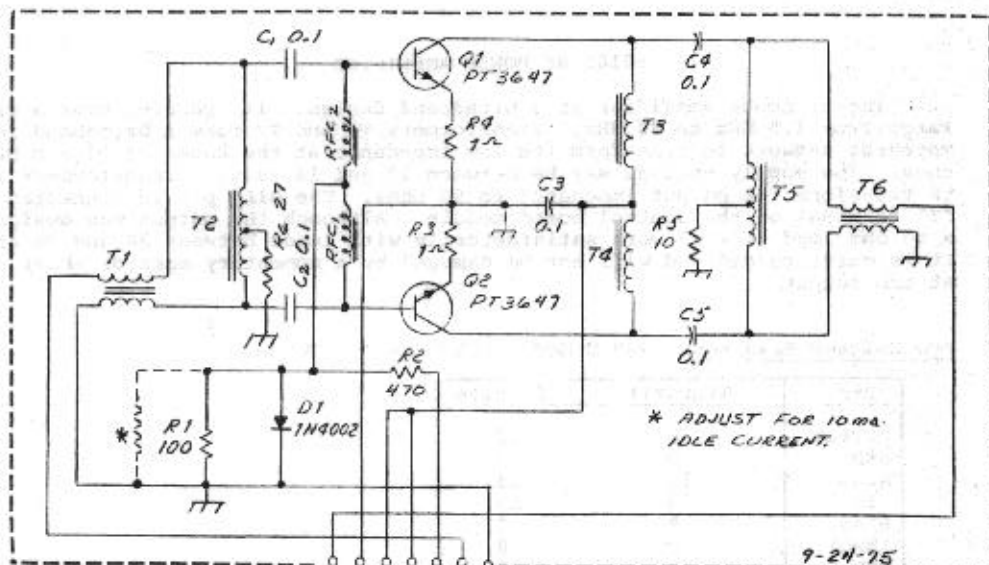


80274 AUDIO AMPLIFIER



R10  
CARRIER BALANCE

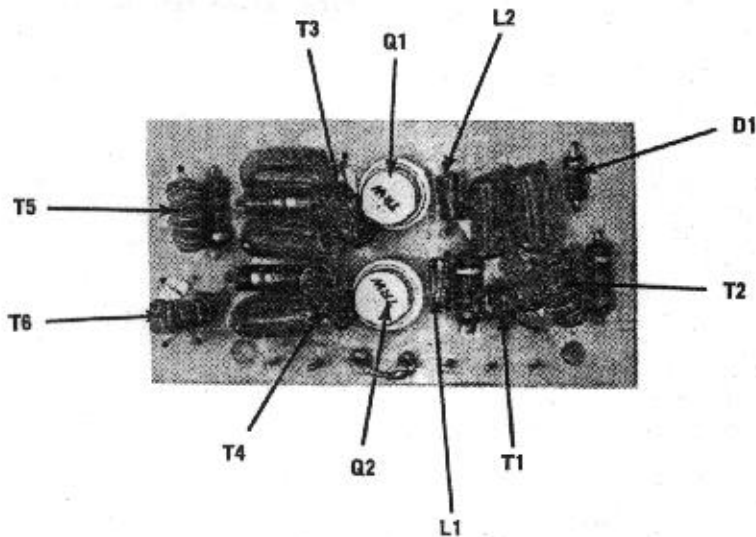
80131 SSB GENERATOR



T1&T2-16t Bifilar \*28 CF102 Q1 mat'l.  
 T3&T4-16t \*28 CF102 Q1 mat'l.  
 T5&T6-16t \*28 Bifilar CF102 Q1 mat'l.

OUTPUT GND NC +28V DIASO INPUT GND  
 Pins viewed from top of board

80185 R.F. POWER AMP.



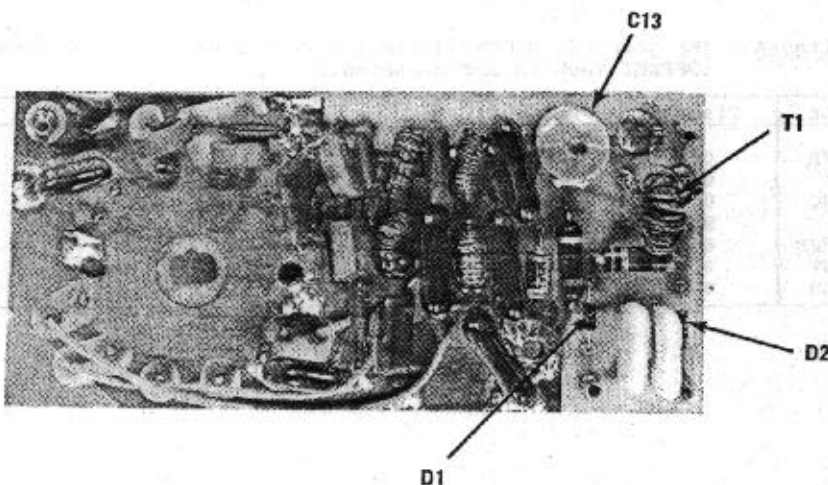
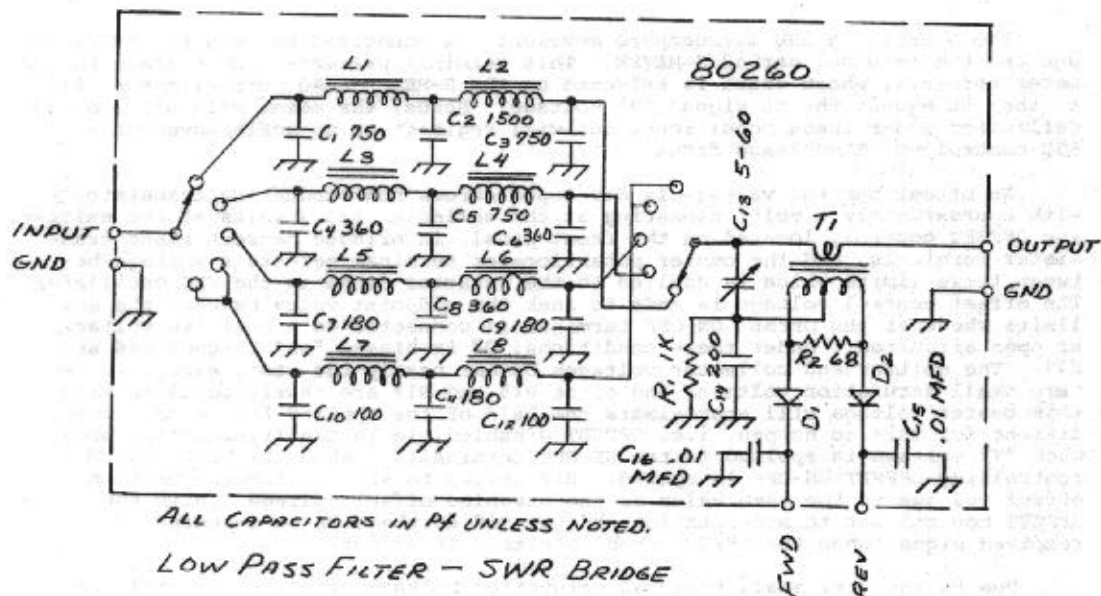
80185 R.F. POWER AMP.

## 80260 LOW PASS FILTER - SWR BRIDGE

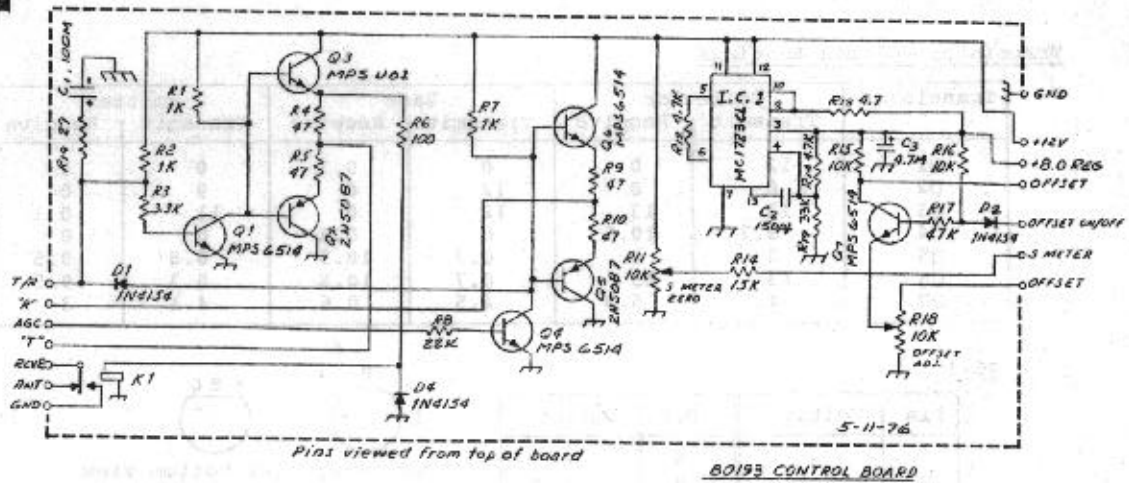
This PC assembly is an integral part of the main chassis and is mounted vertically on the outer back surface of the VFO oscillator sub-chassis. Rf output from the power amplifier is passed through one of four low pass filters as selected by the position of the BAND switch. The 21.0 and 28.0 MHz bands share a common filter. These filters greatly reduce the harmonic content from the raw output of the final amplifier.

Output from the selected filter passes to the antenna jack through T1, whose secondary feeds the SWR bridge circuit. C13 is adjusted for best null when observing REVERSE power on the meter at a frequency of 29.0 MHz, with a 50 ohm resistive dummy load connected to the antenna terminals. (Figure 2)

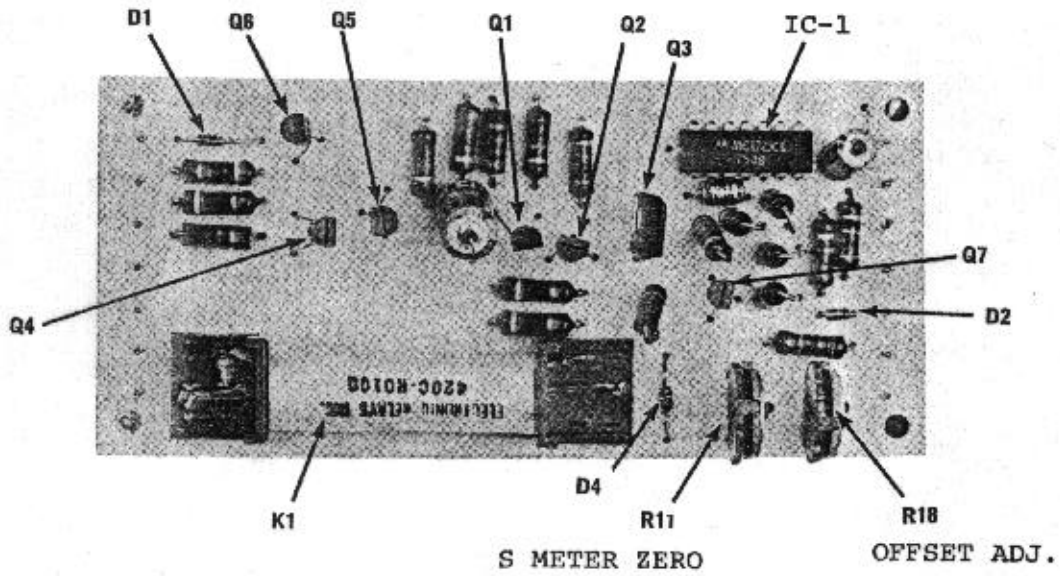
Since there are no pin terminals nor transistors on this assembly, no voltage measurements are required when servicing the unit.



80260 LOW PASS FILTER-SWR BRIDGE



Pins viewed from top of board



Note: No D3 Diode.

80193 CONTROL BOARD