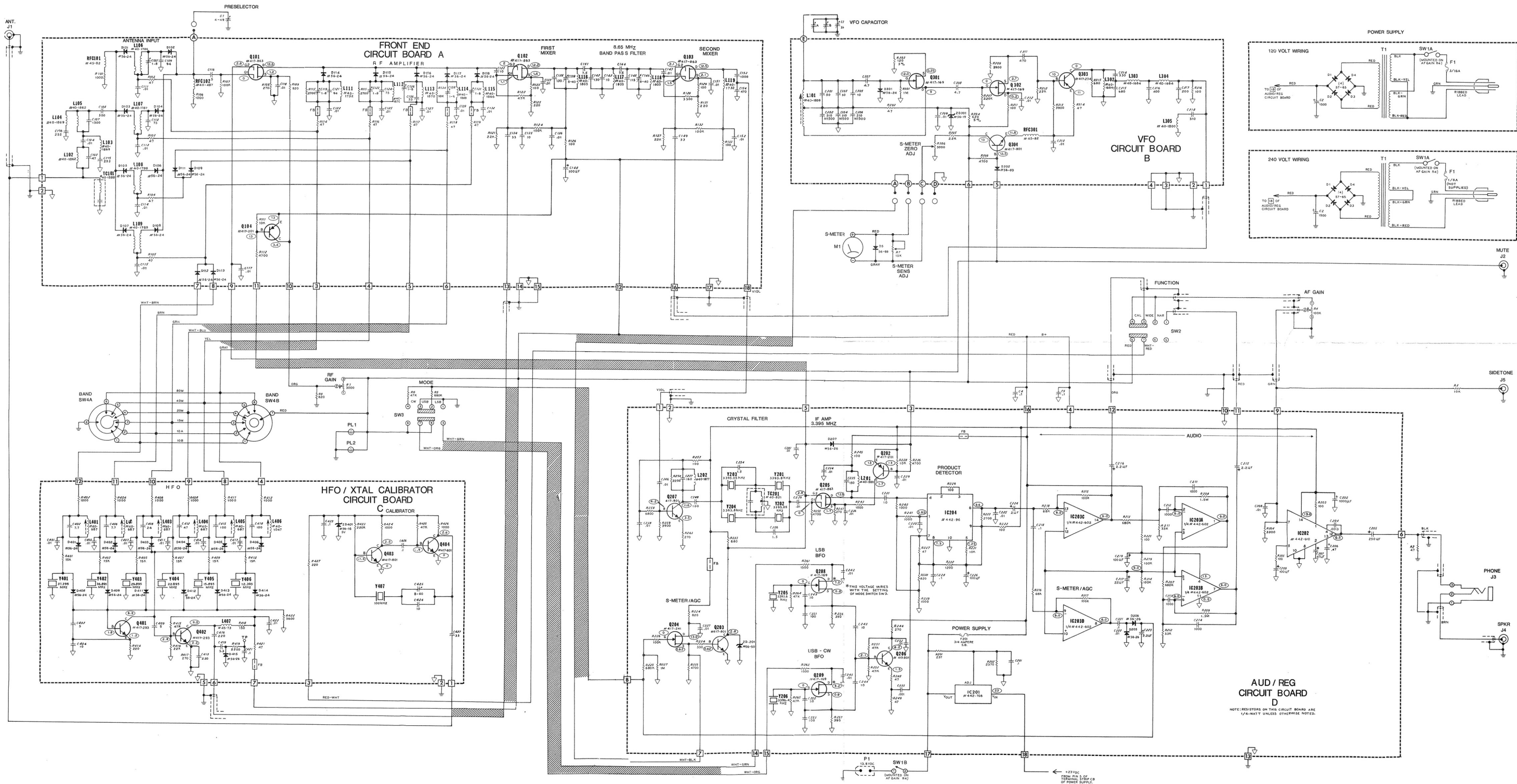




**SCHEMATIC OF THE
HEATHKIT®
SSB/CW RECEIVER
MODEL HR-1680**

- NOTES:**
- COMPONENT NUMBERS ARE IN THE FOLLOWING GROUPS:
1-99 PARTS MOUNTED ON THE CHASSIS.
100-199 PARTS MOUNTED ON THE FRONT END CIRCUIT BOARD.
200-299 PARTS MOUNTED ON THE AUD/REG CIRCUIT BOARD.
300-399 PARTS MOUNTED ON THE VFO CIRCUIT BOARD.
400-499 PARTS MOUNTED ON THE HFO/XTAL CALIBRATOR CIRCUIT BOARD.
 - ALL RESISTORS ARE 1/2 WATT, 10% TOLERANCE UNLESS OTHERWISE NOTED. RESISTOR VALUES ARE IN OHMS; K=1,000, M=1,000,000.
 - CAPACITORS LESS THAN 1 ARE IN pF (PICOFARADS) UNLESS OTHERWISE NOTED.
 - ARROWS AT CONTROLS INDICATE CLOCKWISE ROTATION, VIEWED FROM THE SHAFT END OF THE CONTROL.
 - THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASURED WITH A HIGH INPUT IMPEDANCE VOLTMETER FROM THE POINT INDICATED TO CHASSIS GROUND. VOLTAGES ARE ±20%.
 - THIS SYMBOL INDICATES A CIRCUIT BOARD GROUND.
 - THIS SYMBOL INDICATES CHASSIS GROUND.
 - THIS SYMBOL WITH A NUMBER INDICATES A CIRCUIT BOARD EDGE CONNECTOR.
 - THIS SYMBOL WITH A LETTER INDICATES A PCB PIN.
 - TP = TEST POINT
FB = FERRITE BEAD
 - SWITCHES ARE SHOWN IN THE FOLLOWING POSITIONS:
MODE: USB
FUNCTION: CAL
BAND: 20