



**SCHEMATIC OF THE  
HEATHKIT®  
MODEL HW-8  
TRANSCEIVER**

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Part of 595-1754-10

NOTES:

1. CIRCUIT COMPONENT NUMBERS ARE IN THE FOLLOWING GROUPS:
  - 1 - 199 PARTS MOUNTED ON MAIN CIRCUIT BOARD.
  - 201 - 225 PARTS MOUNTED ON A.F. AMPLIFIER CIRCUIT BOARD.
  - 301 - 325 PARTS MOUNTED ON CHASSIS.
2. ALL RESISTOR VALUES ARE IN OHMS (K-1,000; M-1,000,000).
3. ALL CAPACITOR VALUES LESS THAN 1 ARE IN  $\mu$ F. VALUES OF 1 AND ABOVE ARE IN pF UNLESS OTHERWISE INDICATED.
4. (TP) THIS SYMBOL INDICATES A TEST POINT.
5. THIS SYMBOL INDICATES A RECEIVE-MODE DC VOLTAGE MEASURED FROM THE POINT INDICATED TO CHASSIS.
6. THIS SYMBOL INDICATES A TRANSMIT-MODE DC VOLTAGE MEASURED FROM THE POINT INDICATED TO CHASSIS.
7. THIS SYMBOL INDICATES A RECEIVE-MODE RF VOLTAGE MEASURED USING AN RF PROBE CONNECTED BETWEEN THE POINT INDICATED AND CHASSIS.
8. THIS SYMBOL INDICATES A TRANSMIT-MODE RF VOLTAGE MEASURED USING AN RF PROBE CONNECTED BETWEEN THE POINT INDICATED AND CHASSIS.
9. ALL VOLTAGES MEASURED WITH A HIGH INPUT IMPEDANCE VOLTMETER. VOLTAGES MAY VARY  $\pm 20\%$ .
10. ALL MEASUREMENTS OBTAINED USING A POWER SOURCE OF 13 VDC.
11. BANDSWITCH SHOWN WITH 3.5 MHz PUSHBUTTON PRESSED IN AND TRANSCEIVER OPERATING IN RECEIVE MODE.

