

SCHEMATIC OF THE HEATHKIT® 40-METER SSB TRANSCEIVER MODEL HW-22A

NOTES:

1. RESISTOR AND CAPACITOR NUMBERS ARE IN THE FOLLOWING GROUPS:
1-9 PARTS MOUNTED ON THE CIRCUIT BOARD NOT ASSOCIATED TO A TUBE STAGE.
10-199 PARTS MOUNTED ON THE CIRCUIT BOARD.
200-299 PARTS ON THE CHASSIS.
2. ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (K=1000, M=1,000,000).
3. CAPACITOR VALUES LESS THAN 1 ARE IN μ M. VALUES OF 1 AND ABOVE ARE IN μ , UNLESS THEY ARE MARKED OTHERWISE.
4. RESISTORS AND CAPACITORS ARE NUMBERED ACCORDING TO THE ASSOCIATED TUBES. EXAMPLES:

RESISTOR
PART OF TUBE
CIRCUIT V4

R43

THE NUMBER FOR THIS
PARTICULAR RESISTOR

CAPACITOR
PART OF TUBE
CIRCUIT V14

C141

THE NUMBER FOR THIS
PARTICULAR CAPACITOR
5. REFER TO THE CHASSIS PHOTOGRAPHS AND CIRCUIT BOARD X-RAY VIEWS FOR THE PHYSICAL LOCATION OF PARTS.
6. SEE FIGURES 2-1, 2-2, 2-3, and 2-4 FOR RESISTANCE AND VOLTAGE MEASUREMENTS.
7. $\diamond$ DENOTES WIRE COLOR CODE ON CIRCUIT BOARD TERMINAL.

