





SCHEMATIC OF THE HEATHKIT® SSB TRANSCIVER MODEL SB-101

NOTE: LETTER-NUMBER DESIGNATIONS FOR RESISTORS, CAPACITORS, ETC., HAVE BEEN PLACED IN THE FOLLOWING GROUPS:

100-199	- PARTS ON MODULATOR CIRCUIT BOARD.
200-299	- BANDPASSES
300-399	- AUDIO
400-499	- FILTERS
500-599	- CRYSTALS
600-699	- METERS
700-799	- DRIVER RELAY
800-899	- OSCILLATOR
900-999	- DRIVER RELAY
1000-1099	- PARTS MOUNTED ON THE CHASSIS.

- ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE. ALL RESISTOR VALUES ARE IN OHMS EXCEPT 1000, 100K, 1M, 1000K.
- ALL CAPACITOR VALUES OVER 1 ARE IN μF UNLESS MARKED OTHERWISE.
- REFER TO THE S-RAY AND CHASSIS VIEWS FOR PHYSICAL LOCATION OF PARTS.
- SEE THE VOLTAGE CHARTS (FOLD OUT FROM PAGE 118) AND THE RESISTANCE CHART (FOLD OUT FROM PAGE 118) FOR ALL MEASUREMENTS.
- ALL SWITCHES ARE IN THE POSITION INDICATED BY THE KNOB POSITIONERS.
- ARROW (↻) INDICATES CLOCKWISE ROTATION OF KNOB VIEWED FROM KNOB END.

- INDICATES HOOKUP WIRE NOT IN THE HARNESS.
- INDICATES COLOR CODE OF COAXIAL CABLE.
- ALL RELAY CONTACTS SHOWN IN RECEIVE POSITION.
- DIODE SYMBOLS ARE AS FOLLOWS: — FOR GERMANIUM DIODES, — FOR SILICON DIODES.
- FOR GREATER CLARITY, RELAY SECTIONS ARE SHOWN CLOSEST TO THE CIRCUIT IN WHICH THEY ARE USED. ONE OF THE FOLLOWING MARKS IS USED TO IDENTIFY THE SEPARATED SECTION OF THE RELAY:
 - △ - PART OF RELAY RLY 1
 - - PART OF RELAY RLY 2
- SWITCH WAFERS ARE IDENTIFIED AS IN THE FOLLOWING EXAMPLE:

FRONT PANEL NAME OF SWITCH	WAFER NUMBER WITH THE SWITCH VIEWED FROM THE FRONT PANEL	P - FRONT SIDE OF THE WAFER, R - REAR SIDE OF THE WAFER
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