



SCHEMATIC OF THE HEATHKIT® SB-614 STATION MONITOR

- NOTES:**
- ALL RESISTORS ARE 1/2 WATT UNLESS OTHERWISE NOTED. RESISTANCE VALUES ARE IN OHMS (K=1,000, M=1,000,000).
 - CAPACITORS LESS THAN ONE (.01, ETC.) ARE IN μ F. ALL OTHER CAPACITORS ARE IN pF UNLESS OTHERWISE NOTED.
 - VOLTAGES WERE MEASURED WITH A HIGH IMPEDANCE INPUT VOLTMETER FROM THE POINT INDICATED TO CHASSIS GROUND. VOLTAGES MAY VARY $\pm 10\%$.
 - THE FOLLOWING SYMBOLS INDICATE DC VOLTAGES MEASURED UNDER VARYING CONDITIONS: GENERALLY, MODE SWITCH IN CROSS POSITION, NO SIGNAL INPUT, SPOT CENTERED ON CRT.
 - THIS SYMBOL INDICATES NORMAL DC VOLTAGE.
 - ◇ THIS SYMBOL INDICATES VOLTAGES THAT VARY WITH SETTINGS OF BALANCE CONTROLS.
 - THIS SYMBOL INDICATES VOLTAGES THAT VARY WITH SETTINGS OF POSITION CONTROLS.
 - THIS SYMBOL INDICATES VOLTAGES MEASURED WITH MODE SWITCH IN TRAP POSITION, NO RF INPUT SIGNAL.
 - ▽ THIS SYMBOL INDICATES VOLTAGES THAT VARY WITH SETTINGS OF SWEEP CONTROL AND RANGE SWITCH, MODE SWITCH IN SSB POSITION.
 - ▽ THIS SYMBOL INDICATES A CIRCUIT BOARD GROUND.
 - ⊥ THIS SYMBOL INDICATES A CHASSIS GROUND.
 - THIS SYMBOL INDICATES A CIRCUIT BOARD CONNECTION.
 - ⤴ THIS SYMBOL INDICATES THE CLOCKWISE ROTATION OF CONTROLS.
 - LETTER-NUMBER DESIGNATIONS FOR RESISTORS, CAPACITORS, ETC., HAVE BEEN PLACED IN THE FOLLOWING GROUPS:
 - 1 - 99 CHASSIS MOUNTED COMPONENTS.
 - 101 - 199 MAIN CIRCUIT BOARD COMPONENTS.
 - 201 - 299 DEMOMULATOR CIRCUIT BOARD COMPONENTS.
 - * (Q201) THIS VOLTAGE MAY VARY FROM 0 TO -9VDC, DEPENDING ON THE THE RF LEVEL ON THE ANTENNA INPUT JACKS.

