



**SCHEMATIC OF THE  
HEATHKIT®  
SHORTWAVE RECEIVER  
MODEL GR-64**

**NOTES:**  
 ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE.  
 ALL RESISTOR VALUES ARE IN OHMS (Ω) - 100, MΩ = 1,000,000Ω.  
 ALL CAPACITOR VALUES ARE IN μF UNLESS OTHERWISE MARKED.  
 \* INDICATES VOLTAGE READING.  
 ALL VOLTAGES ARE DC POSITIVE UNLESS MARKED OTHERWISE.  
 ALL VOLTAGES ARE MEASURED FROM POINT INDICATED TO CHASSIS GROUND.  
 EXCEPT AC VOLTAGES ON POWER TRANSFORMER WINDINGS.  
 VOLTAGE READINGS TAKEN WITH AN 11 MEGOHM INPUT VTVM.  
 VOLTAGES MAY VARY ±10%.  
 VOLTAGES MEASURED WITH THE CONTROLS SET AS FOLLOWS:  
 BAND SPREAD - 10 (NET)  
 VOLUME - 1/4 CLOCKWISE  
 FUNCTION SWITCH/AM  
 BAND - BAND A EXCEPT WHERE SHOWN  
 BFO - OFF  
 MAIN TUNING - 500  
 ANL - OFF  
 REFER TO THE X-RAY VIEW FOR THE PHYSICAL LOCATION OF PARTS ON THE CIRCUIT BOARD.  
 ALL SWITCHES VIEWED FROM THE FRONT, AT FULL COUNTERCLOCKWISE ROTATION.  
 \* BAND A - -10  
 BAND B - -4.5  
 BAND C - -3.8  
 BAND D - -5.2

