



**SCHEMATIC OF THE  
HEATHKIT®  
MULTI-PORT SERIAL I/O CARD  
MODEL H8-4**

Part of 595-2248

- NOTES:
1. COMPONENT NUMBERS ARE IN THE FOLLOWING GROUPS:  
 100-109 PARTS ASSOCIATED WITH CHANNEL 0.  
 110-119 PARTS ASSOCIATED WITH CHANNEL 1.  
 120-129 PARTS ASSOCIATED WITH CHANNEL 2.  
 130-139 PARTS ASSOCIATED WITH CHANNEL 3.
  2. ALL RESISTORS ARE 1/4-WATT, 5% UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (K=1,000; M=1,000,000).
  3. ALL CAPACITORS ARE IN  $\mu$ F UNLESS MARKED OTHERWISE.
  4.  $\nabla$  THIS SYMBOL INDICATES CIRCUIT BOARD GROUND.
  5.  $\circ$  THIS SYMBOL INDICATES A CONNECTION TO THE H8 BUS.
  6.  $\ominus$  THIS SYMBOL INDICATES A DC VOLTAGE TAKEN WITH A HIGH INPUT IMPEDANCE VOLTMETER FROM THE POINT INDICATED TO CHASSIS GROUND. VOLTAGES MAY VARY  $\pm 20\%$ .