



**SCHEMATIC OF THE  
HEATHKIT®  
CODE OSCILLATOR  
MODEL HD-1416**

NOØC

**NOTES:**

1. ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS OR K OHMS (K=1000).
2. ALL RESISTORS ARE 10% UNLESS MARKED OTHERWISE.
3. ALL CAPACITOR VALUES ARE IN µF UNLESS MARKED OTHERWISE.
4. REFER TO THE "CIRCUIT BOARD X-RAY VIEW" FOR THE PHYSICAL LOCATION OF PARTS.
5. ▽ THIS SYMBOL INDICATES A CIRCUIT BOARD GROUND.

6. ◊ THIS SYMBOL INDICATES A DC VOLTAGE MEASUREMENT TAKEN WITH CONTROLS SET TO THE MIDDLE OF THEIR RANGES. ALL MEASUREMENTS TAKEN WITH A HIGH INPUT IMPEDANCE VOLTMETER FROM THE POINT INDICATED TO CIRCUIT BOARD GROUND. VOLTAGES MAY VARY AS MUCH AS ±20%.
7. ALL MEASUREMENTS TAKEN WITH THE KEY CLOSED.
8. ○ THIS SYMBOL INDICATES A LETTERED CIRCUIT BOARD CONNECTION POINT.