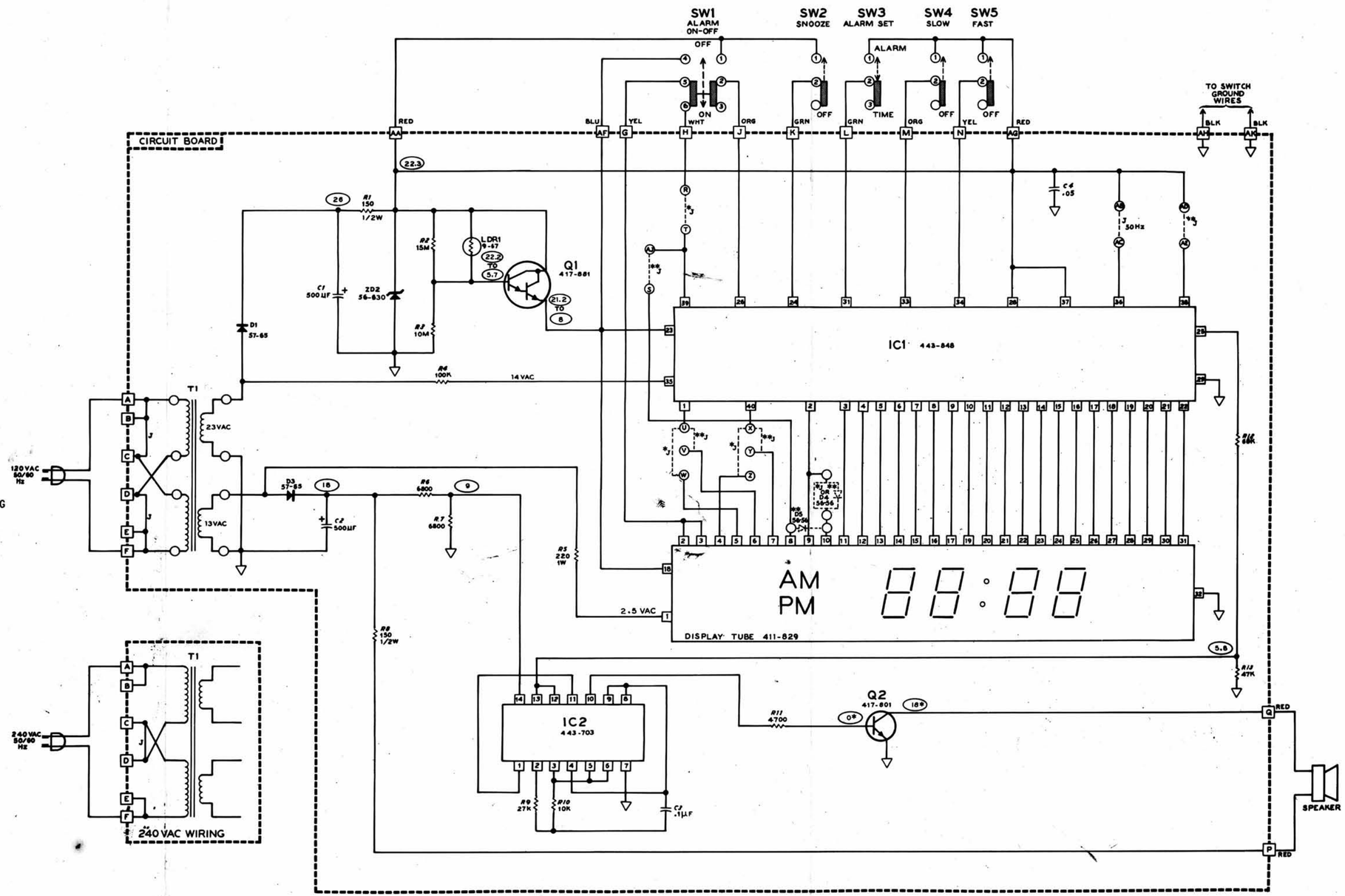
SCHEMATIC OF THE HEATHKIT®

DIGITAL ALARM CLOCK

MODEL GC-1107

NOTES:

1. RESISTOR VALUES ARE IN OHMS (K = 1000, M = 1,000,000).
2. ALL RESISTORS ARE 1/4 WATT, 5% TOLERANCE UNLESS OTHERWISE NOTED.
3. ALL CAPACITOR VALUES ARE IN µF (MICROFARADS).
4. ▽ THIS SYMBOL INDICATES A CIRCUIT BOARD GROUND.
5. □ THIS SYMBOL INDICATES A CIRCUIT BOARD WIRE CONNECTION.
6. *J THIS SYMBOL INDICATES A CONNECTION USED IN THE 12-HOUR MODE OF OPERATION.
7. **J THIS SYMBOL INDICATES A CONNECTION USED IN THE 24-HOUR MODE OF OPERATION.
8. ⬭ THIS SYMBOL INDICATES A DC VOLTAGE MEASURED WITH A HIGH INPUT IMPEDANCE VOLTMETER FROM THE POINT INDICATED TO CIRCUIT BOARD GROUND. VOLTAGES MAY VARY ±10%. VOLTAGES IN THE DIMMING CIRCUIT OF TRANSISTOR Q1 DEPEND ON THE AMOUNT OF LIGHT DETECTED BY LDR1. *ALARM OFF.
9. DIODES D4 AND D5 ARE USED ONLY IN THE 24-HOUR MODE OF OPERATION.



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