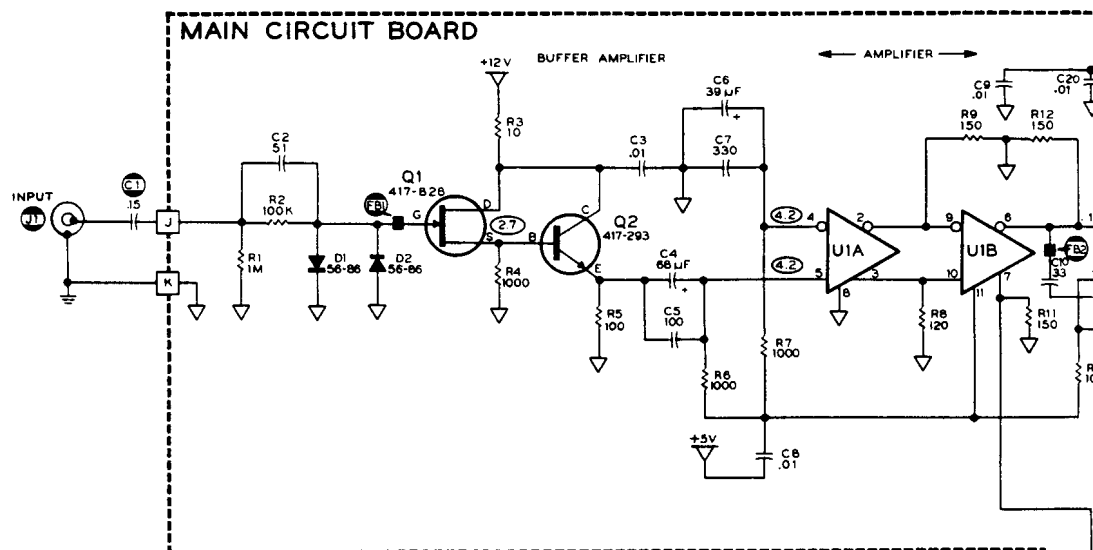




**SCHEMATIC OF THE
HEATHKIT®
MODEL
IM-2410
FREQUENCY COUNTER**

NOTES:

1. ALL RESISTOR VALUES ARE IN OHMS: K=1,000; M=1,000,000.
2. ALL RESISTORS ARE 1/4 WATT 5%, UNLESS MARKED OTHERWISE.
3. UNLESS MARKED OTHERWISE, CAPACITOR VALUES GREATER THAN ONE ARE IN PICOFARADS, AND VALUES LESS THAN ONE ARE IN MICROFARADS.
4. $\equiv$ THIS SYMBOL INDICATES CHASSIS GROUND.
5. ∇ THIS SYMBOL INDICATES CIRCUIT BOARD GROUND.
6. THIS SYMBOL SHOWS THAT THE INDICATED COMPONENT IS MOUNTED ON THE CHASSIS.
7. THIS SYMBOL INDICATES A DC VOLTAGE TAKEN WITH A HIGH INPUT IMPEDANCE VOLTMMETER BETWEEN THE POINT INDICATED AND GROUND WITH NO INPUT SIGNAL. VOLTAGES MAY VARY $\pm 25\%$.
8. THIS SYMBOL INDICATES WHICH OF THE WAVEFORMS SHOWN WILL BE FOUND AT THE INDICATED POINT. WAVEFORMS ARE TAKEN WHILE ACTUALLY MEASURING AN INPUT (ANY ACCEPTABLE FREQUENCY).

COUNTER WAVEFORMS

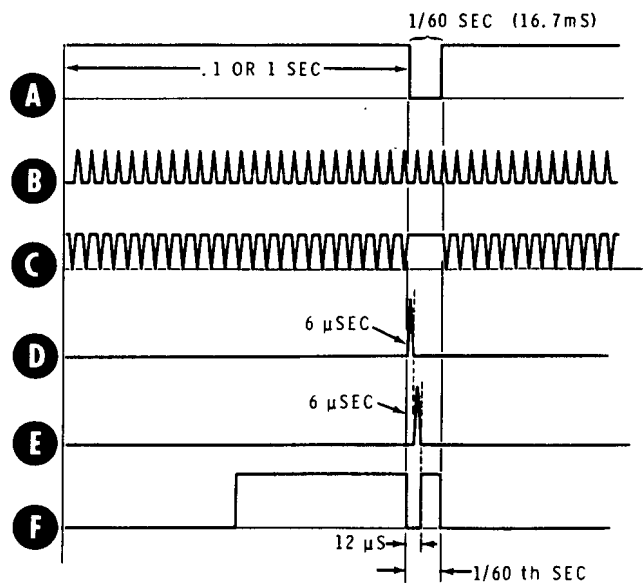


Diagram of the DISPLAY CIRCUIT BOARD showing three 7-segment displays labeled V1, V2, and V3. Each display has pins 1, 3, 10, 9, 7, 2, 11. Pin 9 of V2 is connected to pin 8 of V3.

