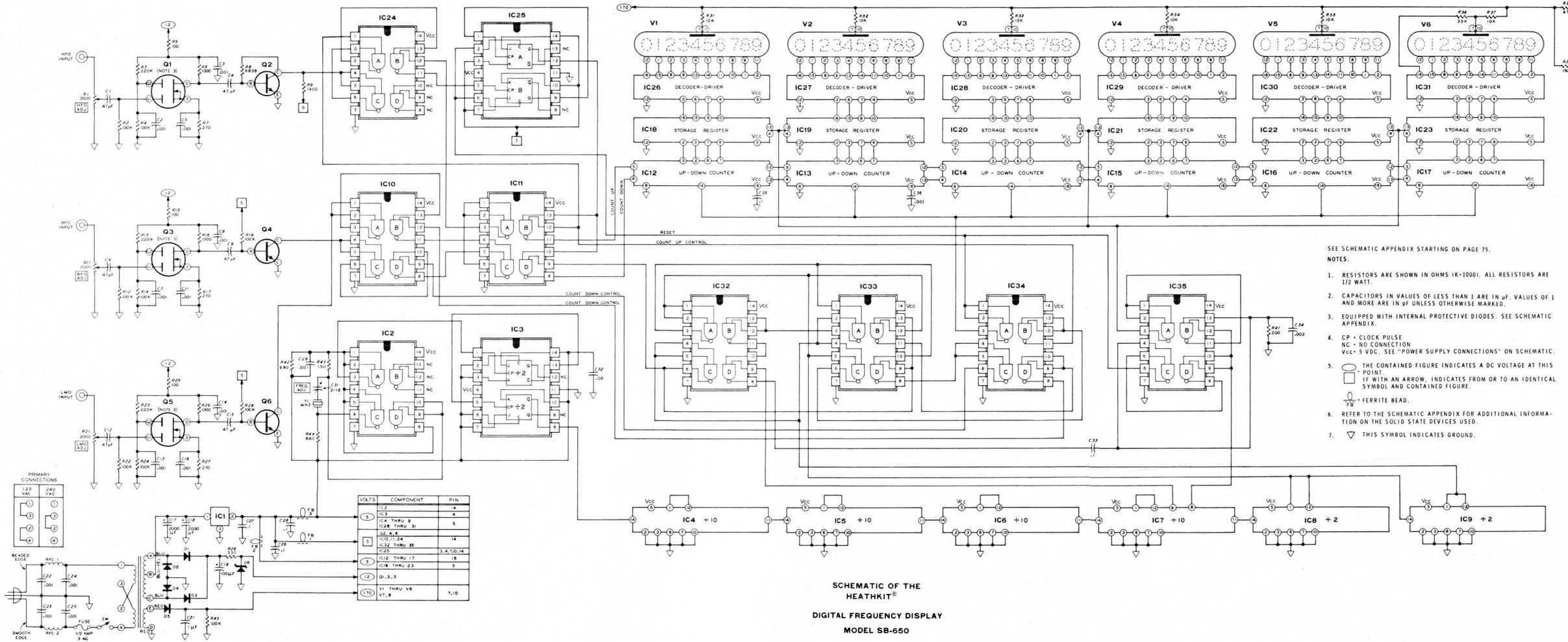

VOLTS	COMPONENT	PIN
5	IC2	14
	IC3	4
	IC4 THRU 9 IC28 THRU 31	5
5	Q2,4,6 IC10,11,24 IC32 THRU 35	14
	IC25	3,4,7,10,14
5	IC12 THRU 17	15
	IC18 THRU 23	5
12	Q1,3,5	
170	V1 THRU V6 V7,8	7,10

SEE SCHEMATIC APPENDIX STARTING ON PAGE 75.

NOTES:

1. RESISTORS ARE SHOWN IN OHMS (K=1000). ALL RESISTORS ARE 1/2 WATT.
2. CAPACITORS IN VALUES OF LESS THAN 1 ARE IN µF; VALUES OF 1 AND MORE ARE IN pF UNLESS OTHERWISE MARKED.
3. EQUIPPED WITH INTERNAL PROTECTIVE DIODES. SEE SCHEMATIC APPENDIX.
4. CP = CLOCK PULSE
   NC = NO CONNECTION
   Vcc = 5 VDC. SEE "POWER SUPPLY CONNECTIONS" ON SCHEMATIC.
5. THE CONTAINED FIGURE INDICATES A DC VOLTAGE AT THIS POINT.
   IF WITH AN ARROW, INDICATES FROM OR TO AN IDENTICAL SYMBOL AND CONTAINED FIGURE.
   FB = FERRITE BEAD.
6. REFER TO THE SCHEMATIC APPENDIX FOR ADDITIONAL INFORMATION ON THE SOLID STATE DEVICES USED.
7. ▽ THIS SYMBOL INDICATES GROUND.

SCHEMATIC OF THE HEATHKIT®

DIGITAL FREQUENCY DISPLAY

MODEL SB-650