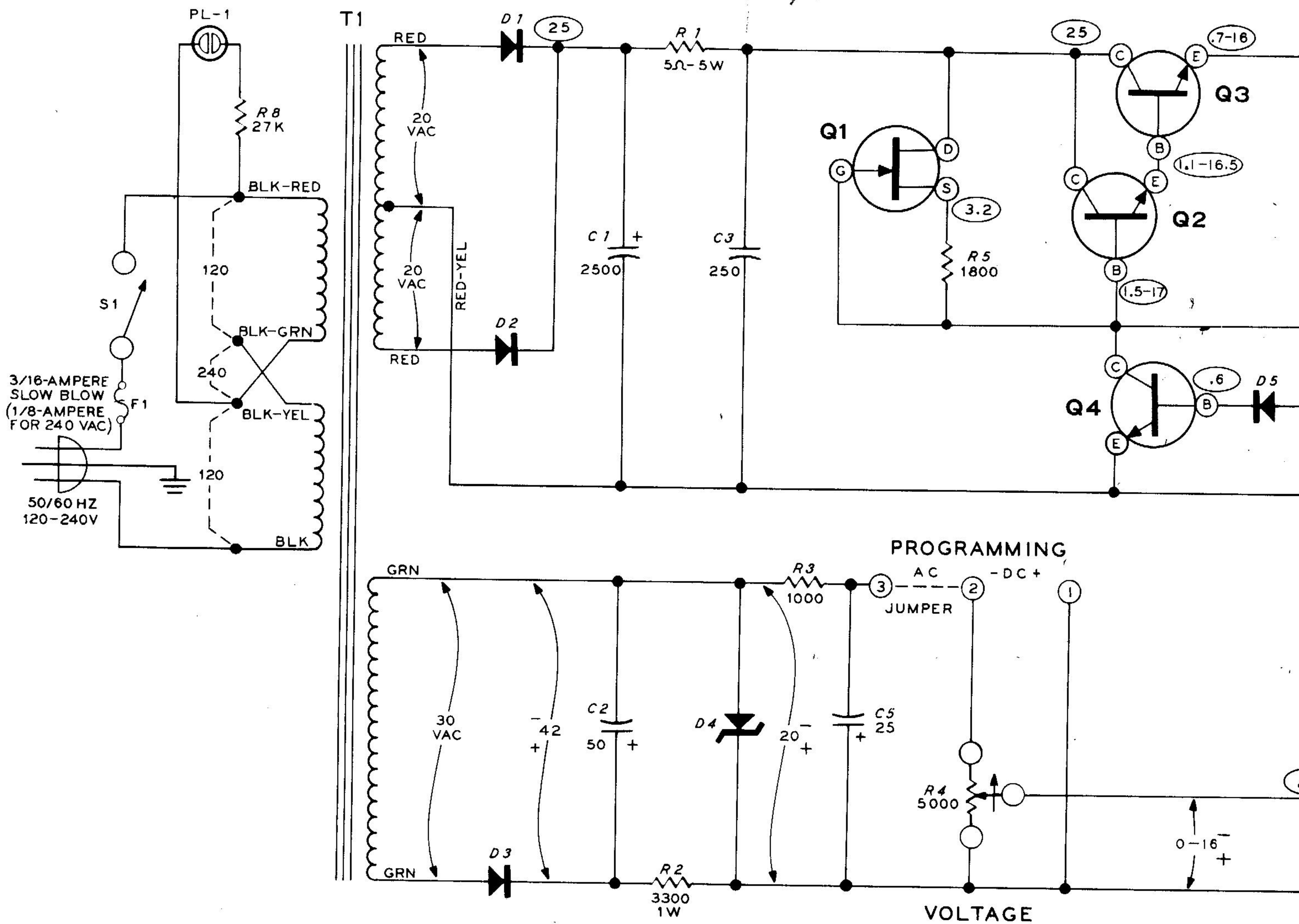




SCHEMATIC OF THE HEATHKIT®

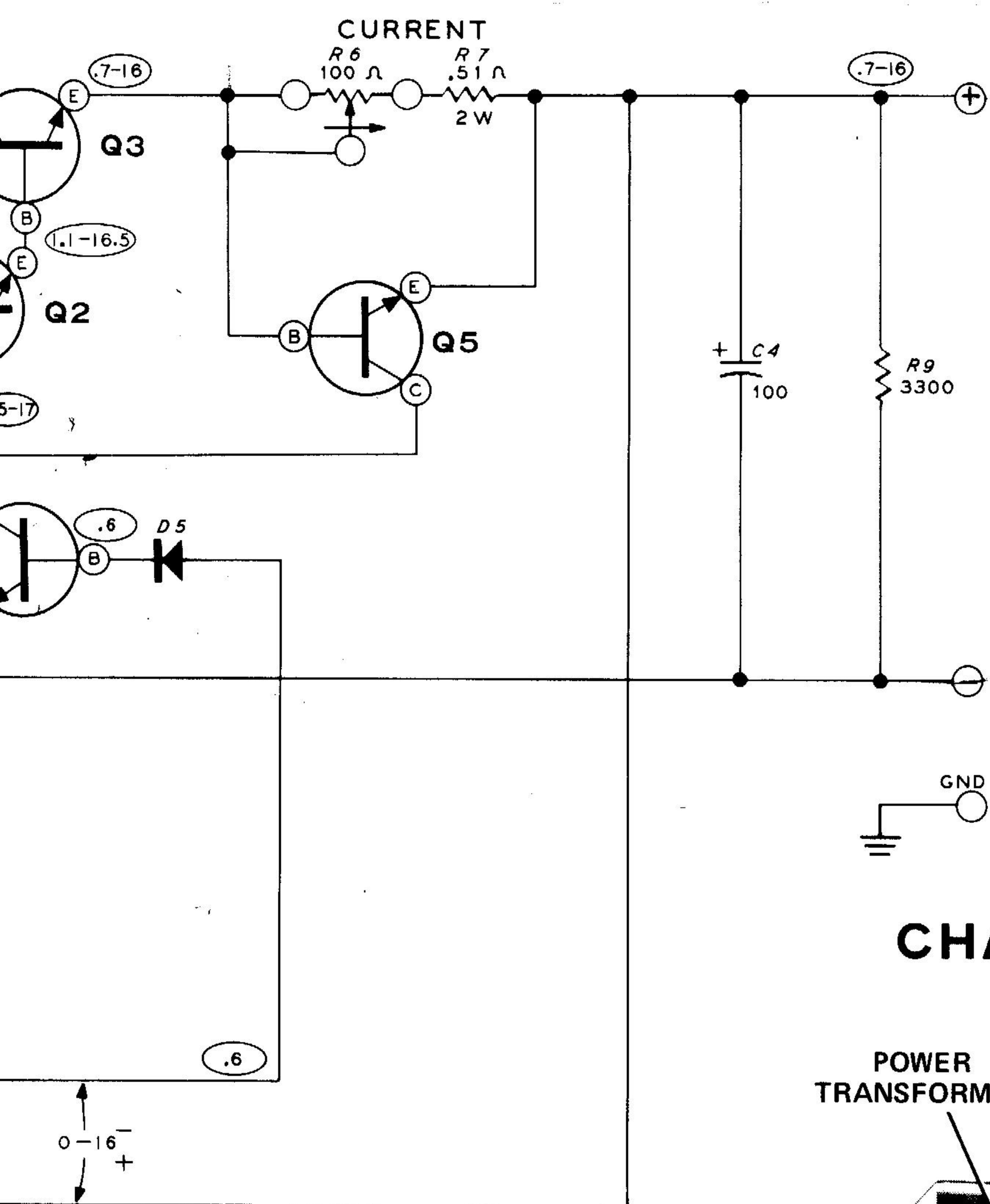
1-15 VDC REGULATED POWER SUPPLY MODEL IP-2728

NOTES:

- ALL RESISTORS ARE 1/2 WATT UNLESS OTHERWISE MARKED.
- ALL CAPACITORS ARE IN µF.
- INDICATES A DC VOLTAGE MEASUREMENT FROM POINT INDICATED TO NEGATIVE (-) OUTPUT TERMINAL. WHERE TWO VOLTAGES ARE SHOWN, THE VOLTAGE PRESENT DEPENDS UPON THE SETTING OF THE VOLTAGE CONTROL.
- ALL VOLTAGES WERE MEASURED WITH NO LOAD ON THE OUTPUT TERMINALS AT 120 VAC 60 Hz INPUT.
- VOLTAGE MEASUREMENTS WERE MADE WITH AN 11 MEGOHM INPUT VOLT-METER AND MAY VARY ±10%.
- ARROWS ON CONTROLS INDICATE CLOCKWISE ROTATION.
- F1 IS: 3/16-AMP SLOW-BLOW FOR 120 VAC.
1/10-AMP SLOW-BLOW FOR 240 VAC.

Part of 595-1955-01

PART NO.	COMPONENT	MAY BE REPLACED WITH	BASE DIAGRAM
417-140	Q1	2N4304	
417-109	Q2	2N3566	
417-162	Q3	2N3055	
417-118	Q4, Q5	2N3393	
57-65	D1, D2, D3	SILICON, 100 PIV, 1A	
56-45	D4	SARKES VR20, 1WATT	
56-26	D5	1N191	
412-15	PL-1	NE2H	



CHASSIS PHOTOGRAPH

