



HEATH PART NO.	MANUFACTURER AND TYPE NO.	BASING
417 - 118	G. E. 2N3393	
417 - 121	AMPEREX 2N2430	
417 - 122	AMPEREX 2N2431	
417 - 154	G. E. 2N3369	
417 - 190	RCA 40481	
417 - 201	G. E. 2N29A829	

**SCHEMATIC OF THE
HEATHKIT
VHF - FM MONITOR RECEIVER
MODEL GR - 88**

- RESISTOR AND CAPACITOR NUMBERS ARE IN THE FOLLOWING GROUPS:
0 - 99 PARTS ON THE CIRCUIT BOARD
100 - 199 PARTS IN THE TUNER
- REFER TO THE CHASSIS PHOTOGRAPHS AND CIRCUIT BOARD X-RAY VIEW FOR THE PHYSICAL LOCATION OF PARTS.
- ALL RESISTORS ON THE CIRCUIT BOARD ARE 1/2 WATT. RESISTOR VALUES ARE IN OHMS (K=1000, M=1,999,999).
- ALL CAPACITOR VALUES LESS THAN 1 ARE uF. VALUES OF 1 AND ABOVE ARE IN pF UNLESS MARKED OTHERWISE.

- THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASUREMENT TAKEN WITH AN 11 MEGOHM INPUT VOLTMETER FROM THE POINT INDICATED TO CHASSIS GROUND. VOLTAGES MAY VARY ±20%. THE OSC. SWITCH IS IN THE VAR. POSITION. THE SQUELCH CONTROL IS FULLY COUNTERCLOCKWISE. NO STATIONS ARE BEING RECEIVED.
- THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASUREMENT TAKEN WITH THE OSC. SWITCH IN THE VAR. POSITION AND THE SQUELCH CONTROL SET AT THRESHOLD. NO STATIONS ARE BEING RECEIVED.
- THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASUREMENT TAKEN WITH THE OSC. SWITCH IN THE XTAL. POSITION. THE SQUELCH CONTROL IS FULLY COUNTERCLOCKWISE. NO STATIONS ARE BEING RECEIVED.
- INDICATES CIRCUIT BOARD GROUND.
- INDICATES CHASSIS GROUND.
- THIS SYMBOL AROUND A NUMBER INDICATES THAT THE PART IS MOUNTED ON THE CHASSIS EVEN THOUGH THE SCHEMATIC SUGGESTS THAT THE PART IS MOUNTED ON THE CIRCUIT BOARD.

