



SCHEMATIC OF THE
HEATHKIT
2-METER HAND-HELD TRANSCEIVER
MODEL HW-2021

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NOTES:
COMPONENT NUMBERS ARE IN THE FOLLOWING GROUPS:

TABLE 1		TABLE 2	
C	E	C	E
Q1 4 1 7 55	Q5 5 6 7 8		
Q2 4 1 2 8 9	Q6 6 6 8		
Q3 4 1 5 8 0	Q7 6 3 5 9		
Q4 6 1 1 1	Q8 9 3 12 5		
Q9 6 3 3 8	Q9 6 0 3 4		
Q10 6 1 1 1	Q10 6 1 1 4		
Q11 6 0 6 0	Q11 6 7 5 11 4		

A NO INPUT SIGNAL
B SQUELCH CONTROL FULLY COUNTER CLOCKWISE
C 100 PARS IN THE MAIN CIRCUIT BOARD
D 100 PARS IN THE BATTERY CHARGER
E 100 PARS IN THE TRANSMITTER VOLTAGE REGULATOR CIRCUIT

THIS SYMBOL INDICATES A COINCIDENT CONNECTION

THE MAIN CIRCUIT BOARD

THIS SYMBOL INDICATES A CHASSIS GND CONNECTION

THIS SYMBOL INDICATES A CHASSIS AGND CONNECTION

THIS SYMBOL INDICATES A TEST POINT

THIS SYMBOL INDICATES TEST POINT LOCATED ON THE PCB

* INDICATES TEST POINT USED ONLY WHEN ALARM IS PERFORMED WITHOUT INSTRUMENTS

- SQUELCH CONTROL FULLY COUNTER CLOCKWISE
- LOWEST FREQUENCY OSCILLATOR CRYSTAL (10.7 MHZ)
- TRANSMITTER VOLTAGE REGULATOR CIRCUIT
- THIS SYMBOL INDICATES A COINCIDENT CONNECTION
- MAIN CIRCUIT BOARD
- THIS SYMBOL INDICATES A CHASSIS GND CONNECTION
- THIS SYMBOL INDICATES A CHASSIS AGND CONNECTION
- REFERS TO THE CIRCUIT BOARD F FIG. 2 LOCATED ON THE PCB
- INDICATES TEST POINT LOCATED ON THE PCB
- INDICATES TEST POINT USED ONLY WHEN ALARM IS PERFORMED WITHOUT INSTRUMENTS