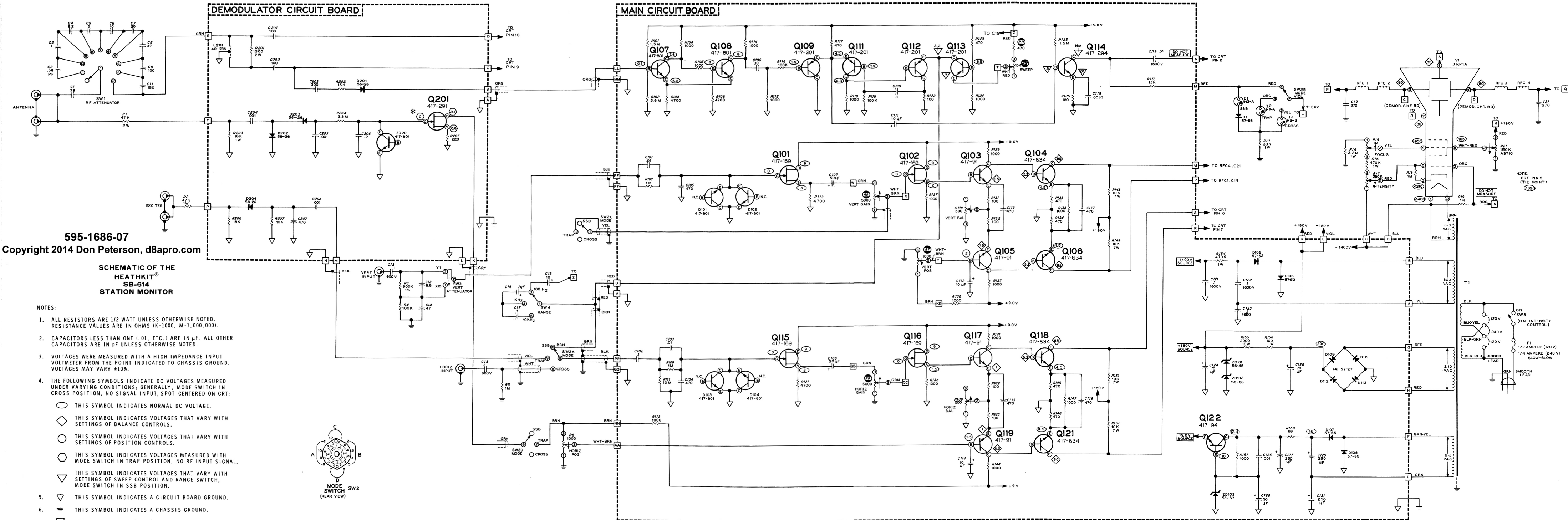




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SCHEMATIC OF THE
HEATHKIT®
SB-614
STATION MONITOR

- NOTES:
1. ALL RESISTORS ARE 1/2 WATT UNLESS OTHERWISE NOTED. RESISTANCE VALUES ARE IN OHMS (K=1,000, M=1,000,000).
 2. CAPACITORS LESS THAN ONE (.01, ETC.) ARE IN μ F. ALL OTHER CAPACITORS ARE IN pF UNLESS OTHERWISE NOTED.
 3. VOLTAGES WERE MEASURED WITH A HIGH IMPEDANCE INPUT VOLTMETER FROM THE POINT INDICATED TO CHASSIS GROUND. VOLTAGES MAY VARY $\pm 10\%$.
 4. THE FOLLOWING SYMBOLS INDICATE DC VOLTAGES MEASURED UNDER VARYING CONDITIONS; GENERALLY, MODE SWITCH IN CROSS POSITION, NO SIGNAL INPUT, SPOT CENTERED ON CRT:
 - THIS SYMBOL INDICATES NORMAL DC VOLTAGE.
 - ◇ THIS SYMBOL INDICATES VOLTAGES THAT VARY WITH SETTINGS OF BALANCE CONTROLS.
 - THIS SYMBOL INDICATES VOLTAGES THAT VARY WITH SETTINGS OF POSITION CONTROLS.
 - THIS SYMBOL INDICATES VOLTAGES MEASURED WITH MODE SWITCH IN TRAP POSITION, NO RF INPUT SIGNAL.
 - ▽ THIS SYMBOL INDICATES VOLTAGES THAT VARY WITH SETTINGS OF SWEEP CONTROL AND RANGE SWITCH, MODE SWITCH IN SSB POSITION.
 5. ▽ THIS SYMBOL INDICATES A CIRCUIT BOARD GROUND.
 6. ≡ THIS SYMBOL INDICATES A CHASSIS GROUND.
 7. □ THIS SYMBOL INDICATES A CIRCUIT BOARD CONNECTION.
 8. ⤴ THIS SYMBOL INDICATES THE CLOCKWISE ROTATION OF CONTROLS.
 9. LETTER-NUMBER DESIGNATIONS FOR RESISTORS, CAPACITORS, ETC., HAVE BEEN PLACED IN THE FOLLOWING GROUPS:
 - 1 - 99 CHASSIS MOUNTED COMPONENTS.
 - 101 - 199 MAIN CIRCUIT BOARD COMPONENTS.
 - 201 - 299 DEMODULATOR CIRCUIT BOARD COMPONENTS.
 10. * (Q201) THIS VOLTAGE MAY VARY FROM 0 TO -9VDC, DEPENDING ON THE THE RF LEVEL ON THE ANTENNA INPUT JACKS.

