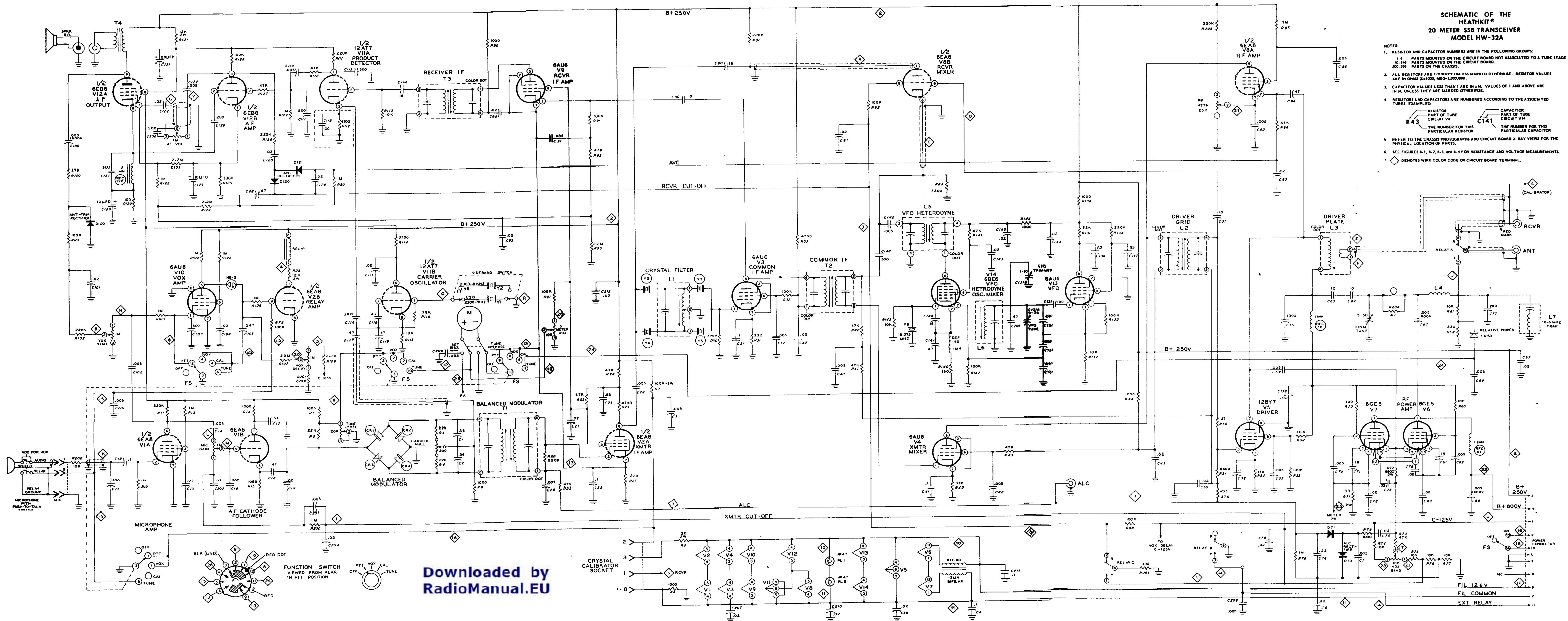
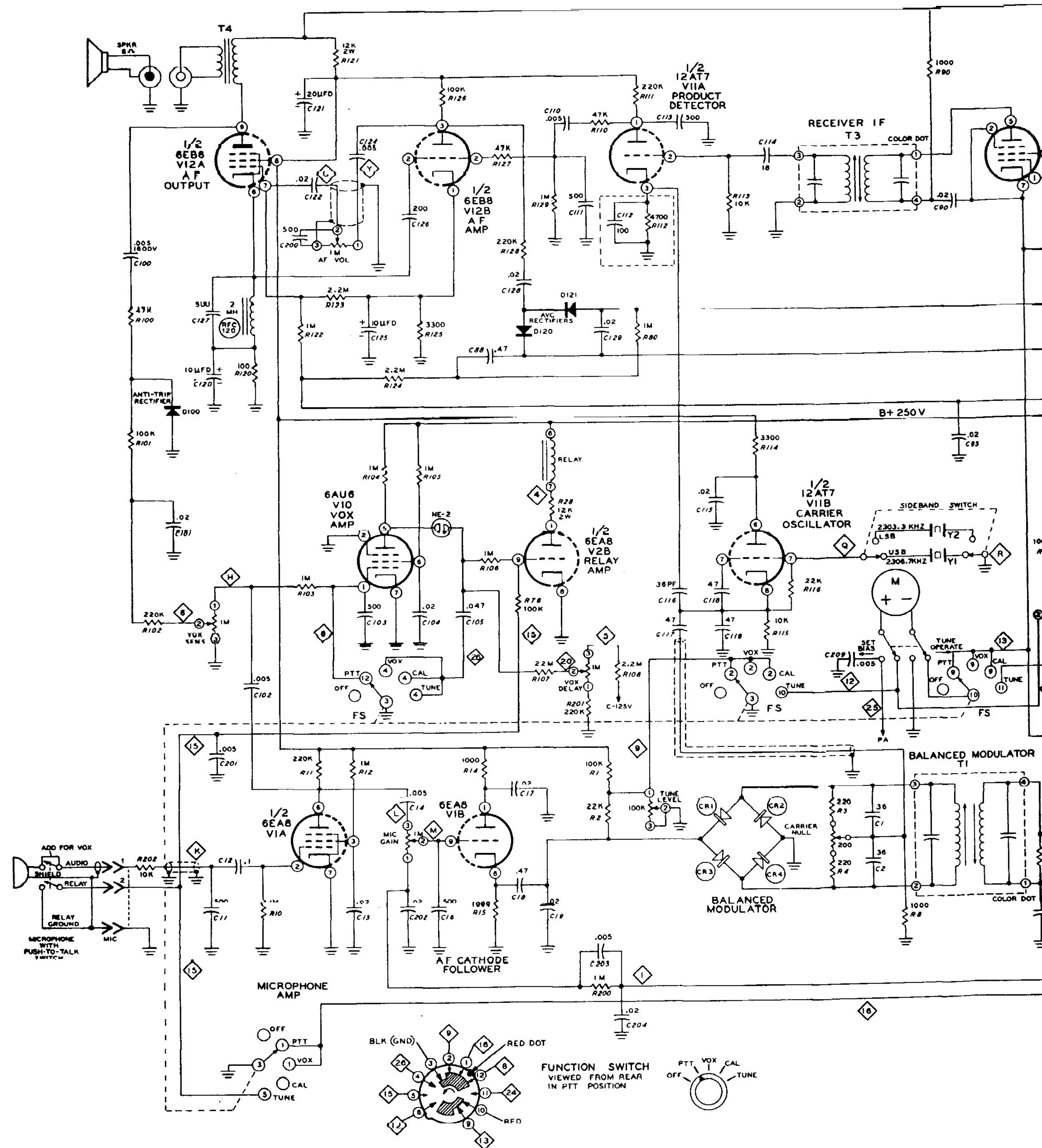
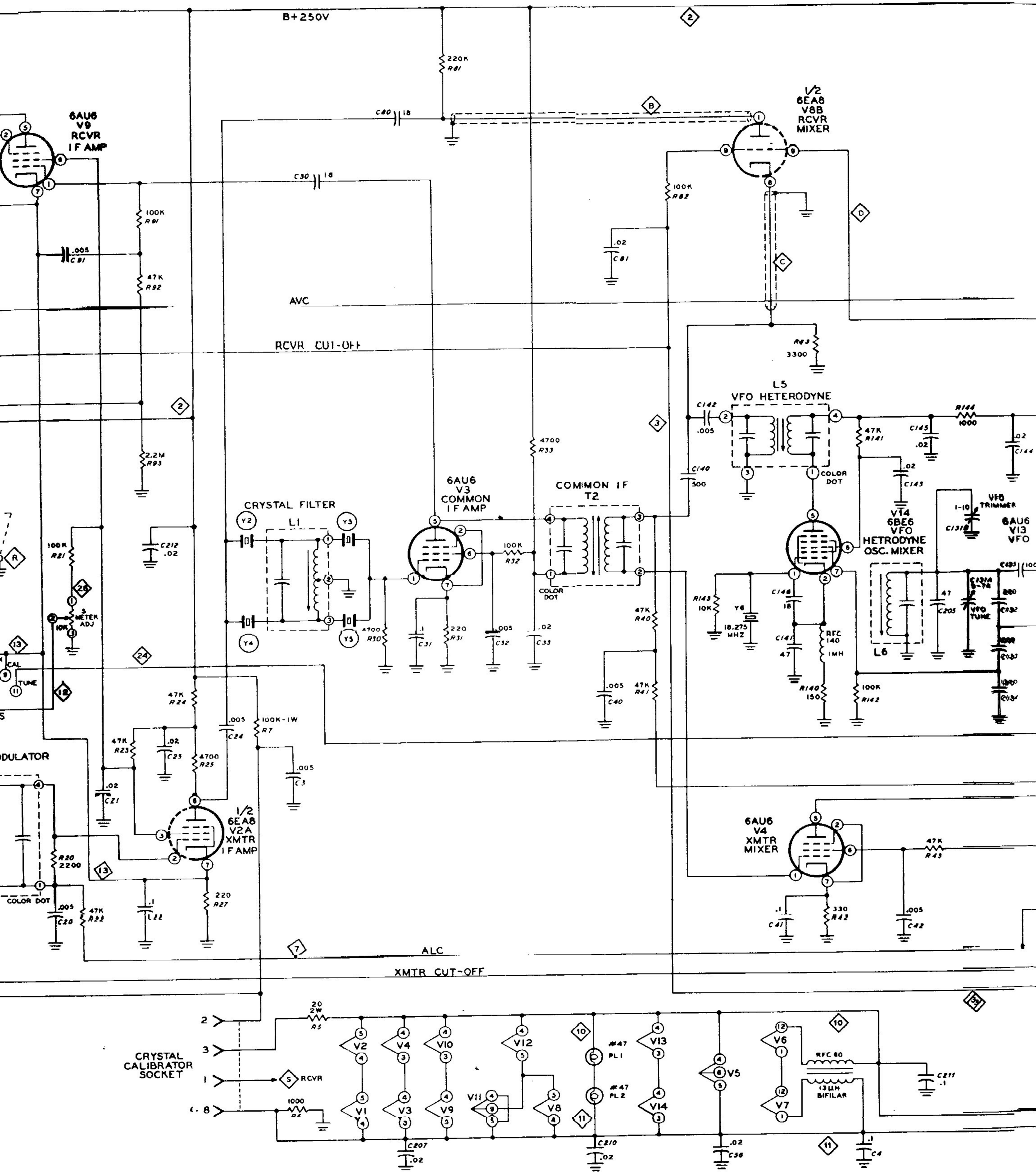


SCHEMATIC OF THE
HEATHKIT®
20 METER SSB TRANSCEIVER
MODEL HW-32A

- NOTES:
1. RESISTOR AND CAPACITOR NUMBERS ARE IN THE FOLLOWING GROUPS:
1-9 PARTS MOUNTED ON THE CIRCUIT BOARD NOT ASSOCIATED TO A TUBE STAGE.
10-149 PARTS MOUNTED ON THE CIRCUIT BOARD.
200-299 PARTS ON THE CHASSIS.
 2. ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (Ω), K (K), M (M), ME (MEG), AND G (GIG). VALUES OF 1 AND ABOVE ARE IN M, UNLESS THEY ARE MARKED OTHERWISE.
 3. CAPACITOR VALUES LESS THAN 1 ARE IN μF. VALUES OF 1 AND ABOVE ARE IN μF, UNLESS THEY ARE MARKED OTHERWISE.
 4. RESISTORS AND CAPACITORS ARE NUMBERED ACCORDING TO THE ASSOCIATED TUBES. EXAMPLES:
RESISTOR PART OF TUBE CIRCUIT V4 THE NUMBER FOR THIS PARTICULAR RESISTOR R43
CAPACITOR PART OF TUBE CIRCUIT V14 THE NUMBER FOR THIS PARTICULAR CAPACITOR C141
 5. REFER TO THE CHASSIS PHOTOGRAPHS AND CIRCUIT BOARD X-RAY VIEWS FOR THE PHYSICAL LOCATION OF PARTS.
 6. SEE FIGURES 6-1, 6-2, 6-3, AND 6-4 FOR RESISTANCE AND VOLTAGE MEASUREMENTS.
 7. ♦ DENOTES WIRE COLOR CODE OR CIRCUIT BOARD TERMINAL.









SCHEMATIC OF THE HEATHKIT® 20 METER SSB TRANSCEIVER MODEL HW-32A

NOTES:

1. RESISTOR AND CAPACITOR NUMBERS ARE IN THE FOLLOWING GROUPS:
1-9 PARTS MOUNTED ON THE CIRCUIT BOARD NOT ASSOCIATED TO A TUBE STAGE.
10-149 PARTS MOUNTED ON THE CIRCUIT BOARD.
200-299 PARTS ON THE CHASSIS.
2. ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (K=1,000, MEG=1,000,000).
3. CAPACITOR VALUES LESS THAN 1 ARE IN μ M. VALUES OF 1 AND ABOVE ARE IN pF, UNLESS THEY ARE MARKED OTHERWISE.
4. RESISTORS AND CAPACITORS ARE NUMBERED ACCORDING TO THE ASSOCIATED TUBES. EXAMPLES:


 RESISTOR
PART OF TUBE
CIRCUIT V4
THE NUMBER FOR THIS
PARTICULAR RESISTOR


 CAPACITOR
PART OF TUBE
CIRCUIT V14
THE NUMBER FOR THIS
PARTICULAR CAPACITOR
5. REFER TO THE CHASSIS PHOTOGRAPHS AND CIRCUIT BOARD X-RAY VIEWS FOR THE PHYSICAL LOCATION OF PARTS.
6. SEE FIGURES 6-1, 6-2, 6-3, and 6-4 FOR RESISTANCE AND VOLTAGE MEASUREMENTS.
7. \diamond DENOTES WIRE COLOR CODE OR CIRCUIT BOARD TERMINAL.

