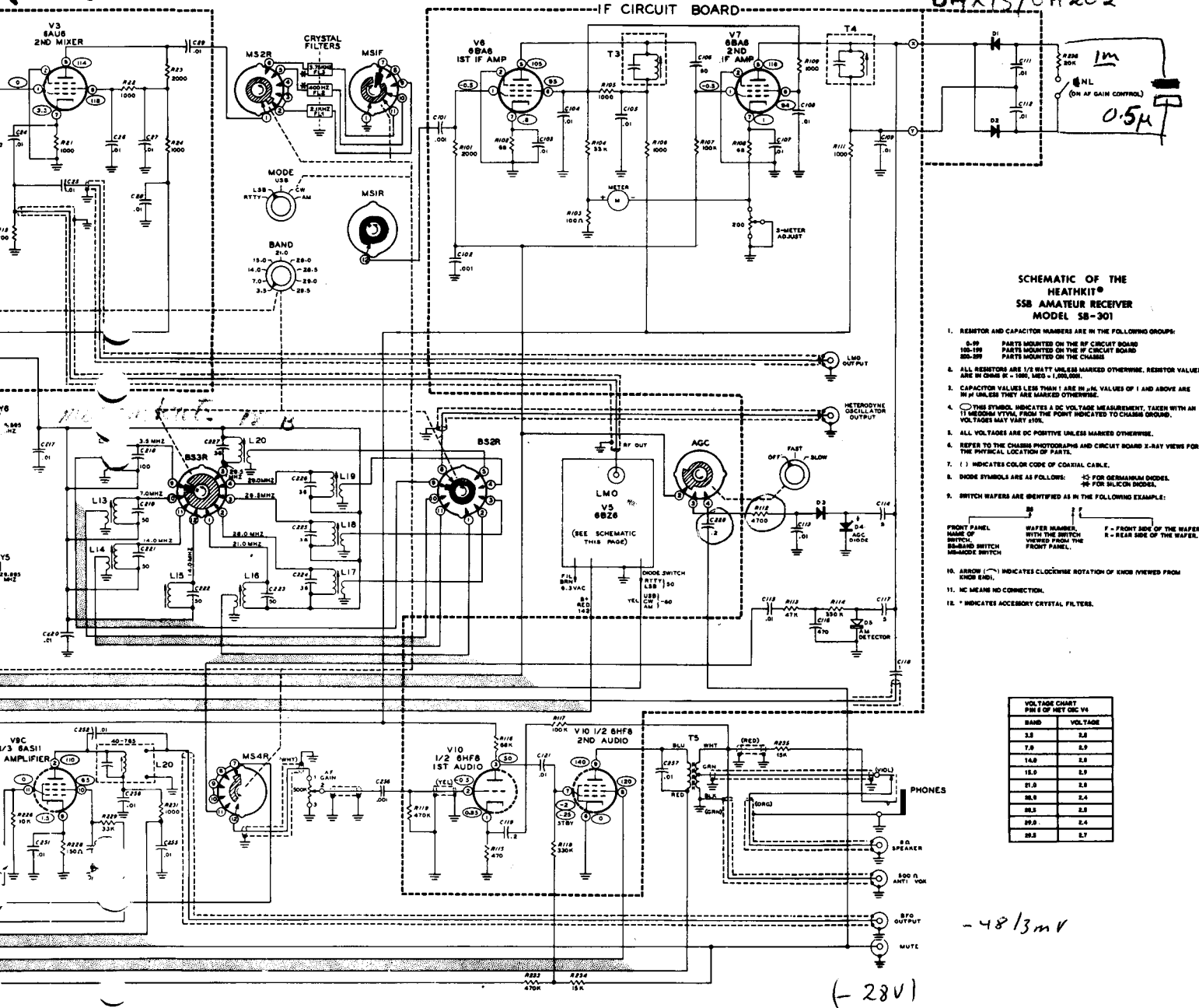


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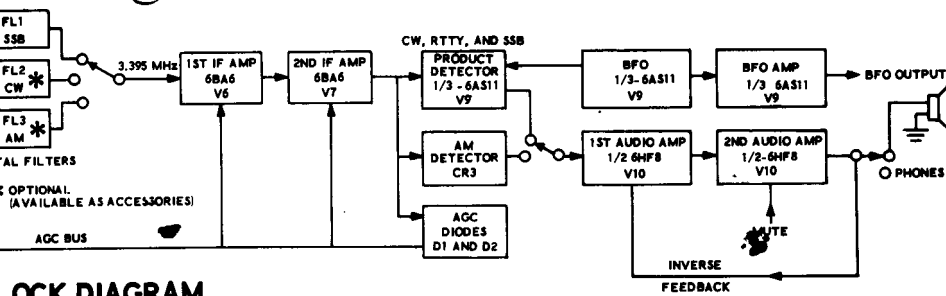
BAXIS/0A202



SCHEMATIC OF THE
HEATHKIT®
SSB AMATEUR RECEIVER
MODEL SB-301

1. RESISTOR AND CAPACITOR VALUES ARE IN THE FOLLOWING GROUPS:
6-99 PARTS MOUNTED ON THE RF CIRCUIT BOARD
100-199 PARTS MOUNTED ON THE IF CIRCUIT BOARD
200-299 PARTS MOUNTED ON THE CHASSIS
3. CAPACITOR VALUES LESS THAN 1 ARE IN μ F VALUES OF 1 AND ABOVE ARE IN μ F UNLESS THEY ARE MARKED OTHERWISE.
4. THE SYMBOL ∇ INDICATES A DC VOLTAGE MEASUREMENT, TAKEN WITH AN 11 MEGOHM ∇ FROM THE POINT INDICATED TO CHASSIS GROUND. VOLTAGES MAY VARY $\pm 10\%$.
5. ALL VOLTAGES ARE DC POSITIVE UNLESS MARKED OTHERWISE.
6. REFER TO THE CHASSIS PHOTOGRAPHS AND CIRCUIT BOARD Z-RAY VIEWS FOR THE PHYSICAL LOCATION OF PARTS.
7. () INDICATES COLOR CODE OF COAXIAL CABLE.
8. DIODE SYMBOLS ARE AS FOLLOWS: ∇ FOR GERMANIUM DIODES, ∇ FOR SILICON DIODES.
9. SWITCH WAFERS ARE IDENTIFIED AS IN THE FOLLOWING EXAMPLE:
FRONT PANEL NAME OF SWITCH WITH THE SWITCH VIEWED FROM THE FRONT PANEL.
WAFER NUMBER, WITH THE SWITCH VIEWED FROM THE FRONT PANEL.
F = FRONT SIDE OF THE WAFER, R = REAR SIDE OF THE WAFER.
10. ARROW $\curvearrowright$ INDICATES CLOCKWISE ROTATION OF KNOB (VIEWED FROM KNOB END).
11. NC MEANS NO CONNECTION.
12. * INDICATES ACCESSORY CRYSTAL FILTERS.

VOLTAGE CHART FOR METER V4	
BAND	VOLTAGE
3.0	2.8
7.0	2.9
14.0	2.8
19.0	2.9
27.0	2.8
36.0	2.4
49.0	2.8
67.0	2.4
89.0	2.7



LOCK DIAGRAM