

NOTES:


1. C18 IS TIMING CAPACITOR
2. R13 IS FREQUENCY RESISTOR
3. R2 ADJUSTS OVERALL LOUDNESS
4. R14 ADJUSTS OSCILLATOR LOUDNESS
5. R37 IS THE CARRIER NULL ADJUST
6. R38 IS THE SIGNAL NULL ADJUST

CALIBRATION PROCEDURE:

1. ADJUST R14 TO 5.5 VOLTS ON PIN 3 OF U-4
2. ADJUST R37 TO 0.11 VOLTS ON PIN 8 OF U-3
3. ADJUST R38 TO 0.00 VOLTS ON PIN 12 OF U-3
4. ADJUST R2 SO THAT EFFECT ON LEVEL IS SLIGHTLY LOUDER THAN BYPASS MODE.

BLACK CAT RING MODULATOR ORIGINAL PCB AS-BUILT

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 AREAS IN CLOUDS INDICATE PARTS MISSED ON SCHEMATIC(S) PROVIDED