

SF-180 FM Transmitter

CIRCUIT DESCRIPTION:

This unit is a low power wireless device operating in the 88 – 108 MHz FM broadcast band. U1 is regulator. U2 is encode, oscillator and RF output stage. Q3, C26, and L3 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

The unit is operated on 12 Volts and is powered by car-cigarette adaptor.

ANTENNA & GROUND:

This unit uses a short wire antenna. The antenna is self contained and there is no provision for connecting an external antenna.

No ground connection is provided. The only ground used is the ground track on the PC board.