FCC ID: G6D340D-R01

Circuit Description

The 27.145MHz crystal oscillator drives the base of Q2 the final/buffer amplifier. The modulation provided by Mic. The output of Q1 has the matching network consisting of L1, L3 and C5 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

Antenna, Ground and Power Source

The antenna consists of a 39cm long metal antenna. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 3Volt (“AA” size battery x 2) primary storage cell.