

## FCC ID: O4G-BELLCOMB-A

### Circuit Description

The 2400-2483.5MHz IC oscillator drives the base of IC the final/buffer amplifier. The modulation provided by IC. The output of IC has the matching network consisting of L100, L102 and X103, C105, C108 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

Antenna, Ground and Power Source

No External Antenna.

There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 3 Volt ("CR2032" size battery x 1) primary battery

### Operation Descriptions

The transmitter is a cycle meter operating at 2400-2483.5MHz band. The transmitter is powered by a 3V battery ("CR2032" size battery x 1) and the transmitting frequency is crystal controlled. The operation is achieved by different combinations of form pulse modulating signal on the 2400-2483.5MHz carrier frequency.

Remarks:

The transmitter is a sensor. The EUT continues to transmit while sense a movement, Modulation by IC; and type is Pulse modulation.