

## FCC ID: WJRHURU23292

### Circuit Description

The 433MHz crystal oscillator drives the base of Q01 the final/buffer amplifier. The modulation provided by IC. The output of Q01 has the matching network consisting of L1, L2, L03 and C01, C200, C1000, C03 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 4.5 Volt ("AAA" size battery x 3) primary battery

### Operation Descriptions

The transmitter is a toy operating at 433MHz band. The transmitter is powered by a 4.5V battery ("AAA" size battery x 3) and the transmitting frequency is crystal controlled. There is one button to activate the transmitters to communicate each other. The operation is achieved by different combinations of form pulse modulating signal on the 433MHz carrier frequency.

#### Remarks:

The transmitter is a one button transmitter. The EUT continues to transmit while button is being pressed. It is button transmitter, Modulation by IC; and type is Pulse modulation.