

## FCC ID: G6DTH2

### Circuit Description

The 16MHz crystal oscillator provide clock signal to IC.

The modulation provided by IC. The output of IC has the matching network consisting of L1 and C1, C2 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 16.5cm long wire 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 (AA size battery x 2) battery

### Operation Descriptions

The transmitter is a remote control toy operating at 909.06MHz and 913.06MHz band. The transmitter is powered by a 3 Volt (AA size battery x 2) and the transmitting frequency is crystal controlled. The operation is achieved by different combinations of form frequency modulating signal on the 909.06MHz & 913.06MHz carrier frequency.

Remarks:

The transmitter is a 2 channel joystick transmitter and there are 2 button for selecting RF Channel. The EUT continues to transmit while joystick is being pressed. It is joystick transmitter, Modulation by IC; and type is frequency modulation.