

## FCC ID: B4S-24110T

### Circuit Description

The 433.92MHz resonator drives the base of Q1 the final/buffer amplifier. The modulation provided by IC. The output of Q1 has the matching network consisting of L2, L3 and C2, C3, C4, C5, C6 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 9.5cm 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 ("AAA" size battery x 2) primary battery

### Operation Descriptions

The transmitter is a remote control operating at 433.92MHz band. The transmitter is powered by a 3V battery ("AAA" size battery x 2) and the transmitting frequency is crystal controlled. There is one button to call the receiver, the receiver will response to the call and give out a sound to help user find out the receiver. The transmission will cease within 5 second after activation. The operation is achieved by different combinations of form pulse modulating signal on the 433.92MHz carrier frequency.

#### Remarks:

The transmitter is a one button transmitter. There is one button to call the receiver, the receiver will response to the call and give out a sound to help user find out the receiver. The transmission will cease within 5 second after activation. It is button transmitter, Modulation by IC; and type is Pulse modulation.