

## FCC ID: WIC-SZESKY005

### Circuit Description

The 72MHz crystal oscillator drives the base of Q3 the final/buffer amplifier. The modulation provided by IC. The output of Q5 has the matching network consisting of C24, C25, C26, C27, C28, T4 and T5 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 115cm 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 12 Volt ("AA" size battery x 8) primary battery

### Operation Descriptions

The transmitter is a remote control toys operating at 72MHz band. The transmitter is powered by a 12V battery ("AA" size battery x 8) and the transmitting frequency is crystal controlled. The operation is achieved by different combinations of form pulse modulating signal on the 72MHz carrier frequency.

#### Remarks:

The transmitter is a 8 switches and 2 joysticks transmitter. The EUT continues to transmit while switches/joystick is being pressed. It is switches/joystick transmitter, Modulation by IC; and type is Frequency modulation.