Application No.: 08042404

Date:22 April, 2008

FCC ID: V8PSTUNTGRANNY

Circuit Description

The 27.145 MHz crystal oscillator drives the base of Q1 the final/buffer amplifier. The modulation provided by U1. The output of Q1 has the matching network consisting of L4 and 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 12 cm 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 4.5 Volt ("AAA" size battery x 3) primary battery.

Operation Descriptions

The transmitter is a toy car operating at 27.145 MHz band. The transmitter is powered by a 3 X AAA battery (4.5V) and the transmitting frequency is crystal controlled. There are ONE Joystick to control the forward reverse motor and director of movement. The operation is achieved by different combinations of form pulse modulating signal on the 27.145 MHZ carrier frequency.

Remarks:
The transmitter is a **ONE Button and ONE Joystick** transmitter.
The EUT continues to transmit while **Button and Joystick** is being pressed.
It is **Pulse** transmitter, Modulation by **IC**; and type is **Amplitude** modulation.