

Transmitter circuit description:

The Q1 and U1 form as a encoder. It will enable the oscillator Q2 and send the code to modulator Q3 . The Q3 will send the modulate signal to the antenna.

Antenna and ground circuitry

This unit maker use of a internal 180 mm long antenna. The antenna is inductively coupled .The unit relies on the ground tract of the printed circuit board . No external ground is provided. Energy is supplied by 3V battery.