

## **CIRCUIT DESCRIPTION**

In transmitter, press the Forward, Backward, Left or Right, output Ic1 pin 12 supply encoding signal. Q2 & X1 is a crystal oscillator of 27.145 Mhz frequency. Q1 is a modulator. Output of Q1 drives the transformer L3. The antenna is coupled to the modulator by the transformer.

## **ANTENNA AND GROUND CIRCUITRY**

This unit makes use of an external flexible 12 centimeters 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 a 4.5 volt battery.