

#### CIRCUIT DESCRIPTION:

In transmitter, press the Forward ,Backward, Left or Right, output IC1 pin 8 supply encoding signal.

Q1 &X1 is a crystal oscillator of 49.860MHz frequency. Q2 is a modulator. Output of Q2 drivers the transformer L3. The antenna is coupled to the modulator by the transformer.

#### ANTEENA AND GROUND CIRCUITRY

This unit makes use of an external flexible 31centimeters 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 batteries(including three 1.5v "AA" battery.)