

CIRCUIT DESCRIPTION

In transmitter, press the Forward, Backward, Left, Right or Down, output IC1 pin 5 supply encoding signal.

Q1 & X1 is a crystal oscillator of 27.145MHz frequency. Q2 is a modulator. Output of Q2 drives the transformer L3 and L4 . The antenna is coupled to the modulator by the transformer.

ANTENNA AND GROUND CIRCUITRY

This unit makes use of an external flexible 50.5cm 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 4.5Vdc(1.5V*3 “AA”size batteries)