

Model No: 91337 (27.145MHz)

CIRCUIT DESCRIPTION

In transmitter pushing Forward(Rapio/Slow), Left, Right, Up, Down, Play key (IC input pinA0,A1,A2,D0,D1,D2,D3) ,output of IC pin 11 (B1) control crystal oscillator's (Q1,X1) power supply, and output of IC pin 12 (B2) drives Q2, Which modulates the crystal 27.145MHz controlled oscillator Q1. Output of Q2 drives the transformer T1.This oscillator is the transmitter. The antenna is coupled to the modulator by the transformer.

ANTENNA AND GROUND CIRCUITRY

This unit makes use of an external flexible 17 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 by 4.5-volt battery.