

TRANSMITTER

CIRCUIT DESCRIPTION

This transmitter is a low power remote control transmitter consisting of two transistors in the RF circuitry. IC1 generates the pulse code and feed through Q1 to modulate the RF. Q2 is a crystal control oscillator. The transistor Q4 is the output stage. A pi circuit is built to match the antenna. The unit is operates in the 27MHz RC band.

ANTENNA AND GROUND CIRCUITRY

This unit makes of a telescopic antenna. The antenna is inductively coupled. The antenna is self-contained. No provision is made for an external antenna. This unit is powered from a 9V battery.

No ground connection is provided. The unit relies on the ground tract of the printed circuit Board.