

CIRCUIT DESCRIPTION

TX2 is a 4 functional remote encoder IC, it's work with transistor Q1, Q2 and other components combined as RF transmitter circuit. The IC Pin 14, 1, 4 and 5 control left, right, backward, forward and encoding signal output respectively. Data output from Pin 8 and modulate with 27MHz oscillator that achieved by Q2, L1, R2, C8 and C9. RF power amplifier Q1, L4, C3, C4, C5, C6 is use to enlarge the transmission range.

ANTENNA AND GROUND CIRCUITRY

This unit makes use of an external 80 centimeters long antenna. The unit relies on the ground tract of the printed circuit board. No external ground is provided. Energy is supplied 12-volt batteries.