

R/C transmitter:

The 3 ICs are control functional remote encoder ICs, they are work with transistor Q3, Q4, Q5 and other components combined as RF transmitter circuit. The ICs control left, right, backward, forward, speeds and encoding signal output respectively.

Data output from ICs and modulate with 27.145MHz oscillator that achieved by X1, Q2, R22, R23, R17, R26, C13, C11, and L4. RF power amplifier Q1, L2, C6, C8, C9 and C are use to enlarge the transmission range, the output frequency through L3.

This unit makes use of an external flexible 80 centimeters long antenna..

Energy is supply with a 12-volt battery.