

RF Wireless Remote Switch – Transmitter Technical Description

The transmitter is 12V battery cell operated, hand held device. It consists of 3 parts, Remote Control Encoder, Modulator and RF OSC.

(U1) (Q1) (Y1)

When a ON or OFF button is being pressed, it will be encoded by the Remote Control Encoder IC. Then, the encoded signal will be modulated with a carrier frequency of 433.92MHz inside the Modulator. Finally, a modulated signal will be transmitted through the antenna.