

TX Operation Description

Transmit Frequency: 315MHz

Modulation Type: ASK

Press power switch SW1, the device goes into working mode. X1 and Q1 are RF oscillator with 315 MHz. IC1 is an encoder. IC2 is for time-delay. Pin 8 of IC1 output encoded signals to the RF oscillator. L1 transmits at 315 MHz.

At the same time, IC2 counts transmission time. IC2 outputs 0 level at pin LED to stop Q2 working. When time reaches 1 s, IC2 output 1 level at pin LED, Q2 switches on. This leads to RF oscillator to stop transmission. This way controls transmission time 1 s max.