

Circuit Description

First part: CPU, MCU TLSR8513 is a series of 8-bit Universal Serial Bus RISC architecture microcontroller and integrates the 2.4G RF module. It needs an external 16MHz crystal for reference frequency;

Part two: USB PORT, connect with stand USB interface of pc.

Part three: About 2.4 GHz ISM Band Transceiver/Framer, combined with a 64-byte buffered framer block. It contains transmit, receive, VCO and PLL functions, including an on-chip channel filter and resonator.

Part four: ANTENNA, The antenna is typically fed from the end of the monopole section by a plated through-hole via which is in turn connected to the RF output on the 2.4GHz band.

Frequency Range: 2405-2475MHz

Frequency Channel List:

Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
1	2405	5	2457
2	2411	6	2463
3	2417	7	2469
4	2451	8	2475

Modulation Technique: GFSK