

Circuit Description

It's a remote control with a IR function for a TV device. The remote control's working voltage is 3V, its working current is less than 15mA when in operation. And it has three different frequencies, they are 2.425GHZ, 2.450GHZ, 2.475GHZ, and a clock frequency of 16MHz as base clock signal.

This remote control has 27 keys, the remote control has 1 red LED. It is used to feedback the RF transmission and other RCU functions to the user.

And the remote control's electronic parameters are as follows:

1. Modulation: GFSK
2. Frequency Range: 2.425~2.475GHz
3. Transmitted Power: 0 dBm
4. Working Current: <15mA
5. Ambient Temperature: -40—85°C
6. Battery: CR2032"watch"battery,3V, Lithium Cell