

Circuit Description

It's a remote control for a audio device. The remote control's working voltage is 3V, its working current is less than 15mA when in operation. And it has five different frequencies, they are 2.404GHZ, 2.425GHZ, 2.442GHZ, 2.463GHZ, 2.477GHZ, and a clock frequency of 16MHz as base clock signal.

This remote control has 9 keys, the remote control has 1 white 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:

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| 1. Modulation: | GFSK |
| 2. Frequency Range: | 2.404~2.477GHz |
| 3. Transmitted Power: | 0 dBm |
| 4. Working Current: | <15mA |
| 5. Ambient Temperature: | -40—85℃ |
| 6. Battery: | CR2032"watch"battery,3V, Lithium Cell |
| 7. PCB Material & Size: | RF4,56.175mm*52.25mm,1.2mm |