

Circuit Description

It's a remote control with a RF function for a Set Top Box. The remote control's working voltage is 3V, its working current is less than 15mA when in operation. Frequency Range is 2.4~2.4835GHz. and a clock frequency of 16MHz as base clock signal.

This remote control has 32 keys, these keys were used to control the Set Top Box.

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

1. Modulation: GFSK
2. Frequency Range: 2.4~2.4835GHz
3. Transmitted Power: 0 dBm
4. Working Current: <25mA
5. Ambient Temperature: 0—40°C
6. Battery: 2 AAA battery, 3V
7. PCB Material & Size: FR4 1.2mm 134.5*41mm