

## Operational Description

1. The battery supply is 3.3V.
2. The chip is in a sleep standby state.
3. 3.3V power is supplied to the MCU. After the chip is working, the key values are determined and immediately switched from standby mode to normal working mode. The key values are processed and the chip address code is loaded.
4. Send the transmitted data (address code and key value signal) to the internal high-frequency oscillation network to generate a high-frequency 433.92MHz signal, which is transmitted by the PCB antenna.
5. The emission indicator lights up synchronously when the button is pressed.
6. When the button is released, the chip enters sleep, and the internal high-frequency oscillation network stops working even if it does not receive transmission data. At the same time, the chip also enters standby mode.

Rating: DC3.0V, 1pc CR2450 button battery

Operation Frequency: 433.92MHz

Crystal: 13.56MHz

Modulation Type: OOK

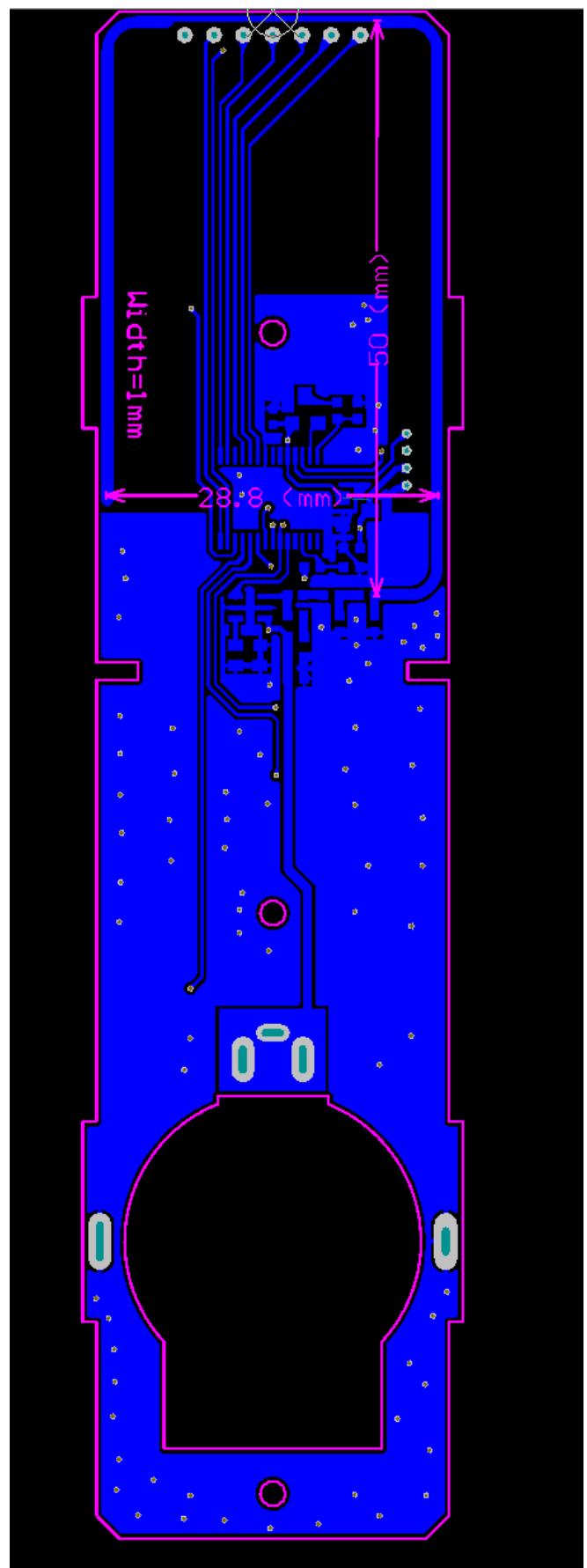
Antenna Gain: PCB Antenna with Gain 0dBi

Antenna Information:

Manufacturer: Sunpery (Nanjing) Co., Ltd

Model: C-RF15

Dimensions: (unit: mm)



Photo

