

Circuit Description

The external power supply provides DC 5V voltage to the Bluetooth chip and infrared receiving circuit;

The driving circuit, the infrared receiving circuit are connected with the bluetooth chip, and the infrared receiving circuit is responsible for receiving the control signal of the infrared remote controller, and then decodes it through the bluetooth chip, and then obtains the control signal to control the driving circuit.

The Bluetooth chip is responsible for communicating with the mobile phone, and then converts the Bluetooth signal into a control signal and transmits it to the drive circuit; the Bluetooth chip adopts an intelligent algorithm to process the control signal to achieve the purpose of intelligent control;

Bluetooth chip: YC1166-F

Crystal: 24MHz

Frequency Range: BLE 1M: 2402-2480MHz

Modulation Technique: BLE 1M: GFSK