线路描述

配合电脑的上安装的驱动程序，当电脑来邮件时，通过 USB 接口线路 FT232RQ 与电脑连接，并与 PIC16F93 进行通信，再把通信的数据通过 Nrf905 到 C12、C16、C17、C18、L1、L2、L3 和 L4 组成的天线网络发送到接收器；

接收器通过 C12、C16、C17、C18、L1、L2、L3 和 L4 组成的天线网络和 NRF 905 接收到数据后，再与 PIC16F93 通信，并通过一个指示灯显示出状态；

天线、电源和地线

发射器采用电脑 USB 电源供电，地线采用电脑 USB 的地线，天线采用 PCB 铜皮天线；

接收器采用 2*AA 电池进行供电，没有外接地线，天线采用 PCB 铜皮天线；

本产品采用GFSK调制方式，工作频率是868.5MHz。

本产品不可以连续触发工作， 两次发射工作间至少有15s的间隔才会工作。

The description of the circuitry

With the driving program installed on the computer, when the computer receives an E-mail, connect with computer through FT232RQ of USB port , and communicate with PIC16F93, and then send the data of communication to the receiver through Nrf905 to antenna network made of C12、C16、C17、C18、L1、L2、L3 and L4

After receiving the data through antenna network made of C12、C16、C17、C18、L1、L2、L3 and L4 and NRF 905, the receiver will communicate with PIC16F93 and show the status through a LED indicator

Antenna, Power and ground electrode

The transmitter is powered by power of USB of computer, ground electrode is the ground electrode of USB of computer, the antenna is antenna of PCB copper;

The receiver is powered by 2*AA batteries, no connect with ground electrode, the antenna is antenna of PCB copper.

The product's modulation type is GFSK, Operational frequency is 868.5MHz.

There are 15s delay between two transmission.