工作原理

Model No.:BTRC-201

基本描述: 蓝牙技术规定每一对设备之间进行蓝牙通讯时，必须一个为主角色，另一为从角色，才能进行通信，通信时，必须由主端进行查找，发起配对，建链成功后，双方即可收发数据。一个具备蓝牙通讯功能的设备， 可以在两个角色间切换，平时工作在从模式，等待其它主设备来连接，需要时，转换为主模式，向其它设备发起呼叫。一个蓝牙设备以主模式发起呼叫时，需要知道对方的蓝牙地址，配对密码等信息，配对完成后，可直接发起呼叫。

Basic Description: Bluetooth requires each of the Bluetooth communication between devices when a main role to be, and the other from the role in order to communicate, communication, it must be carried out to find the host to initiate pairing, after the success of the construction chain the two sides can send and receive data. A Bluetooth communication device that can switch between the two roles, usually working in slave mode, wait for the other master device to connect, if necessary, change the main mode, a call to the other devices. The main mode of a Bluetooth device to initiate the call, you need to know each other's Bluetooth address, password and other information matching, matching is completed, initiate the call directly.

1>,KMBT008B（BC057F687A05）模块,它支持的 profiles 有 A2DP and AVRCP,其工作频率是 2402M~2480 共 79 个信道.它的主控晶体频率为 26.000MHz.

The Bluetooth module KMBT008B supplies A2DP and AVRCP profiles.The working frequency is 2042MHz~2480MHz. It contains 79 channels. The frequency of its main control chip is 26MHz.

2>,模块上的 EPPROM ,是用来储藏软件,一些 IO,LED 状态，音频等讯息储藏于此芯片内.

The EPPROM is used for storing software、some IO and LED status. And some audio information is also stored in this chip.

3>,声音是从 3.5MM 插座发出来的.

The audio is inputted via 3.5mm audio jack.

4>，产品通过 USB 接口外接 5V 电源给产品供电

It is connected to DC 5V power supply via the USB cable.