

Details about HC-06 Bluetooth Wireless Serial RF Transceiver Communication Module for Arduino

Item Description

HC-06 Bluetooth Module includes VCC, GND, TXD, RXD interface, reserve LED status output pinout

With led indicates Bluetooth connection status, flashing indicates no Bluetooth connectivity, lit indicates that Bluetooth is connected and open ports

The board is 3.3V LDO, input voltage 3.6 ~ 6V, when in the unpaired state,the current is about 30mA, When paired successfully ,the current is about 10mA, the input voltage is prohibited more than 7V.

The Interface level 3.3V, can be directly connected to various SCM (51, AVR, PIC, ARM, MSP430, etc.), 5V microcontroller can also be directly connected

Features:

* Bluetooth 2.0 with EDR, 2Mbps-3Mbps modulation
* Built-in 2.4GHz antenna, users do not need to debug antenna
* External 8Mbit FLASH
* Operating voltage: 3.3V. (3.1V ~ 4.2V) 30 ~ 40MA pairing fluctuations, pairing is complete communication 8MA
* Optional PIO control
* Standard HCI interface (UART or USB)
* USB Protocol: Full Speed USB1.1, Compliant With 2.0
* Module as SMD chip technology
* RoHS Process
* Transmit digital 2.4GHz wireless transceiver
* Bluetooth Class 2 power levels
* Storage temperature: -40 to +85 degrees Working temperature: -25 to +75 degrees
* Co-wave interference: 2.4MHz, transmit power 3 dBm
* Size:3.75cm\*1.7cm

Note:

* TXD: as Send side, generally expressed as their own sender, normal communication must be connected to another device RXD.
* RXD: as the receive side, generally expressed their own receiver, normal communication must connect another device TXD.
* When in normal communication state TXD always connected device RXD !
* Since the resumption of spontaneous: When in normal communication state RXD always connected other device TXD!



# **HC-06 Slave Bluetooth Module Wireless Serial Port Module Communicate for Arduino**

Product Details: HC-06 bluetooth module

Condition: New

Size: 3.75 \* 1.52 cm

Core modules is HC - 06 module

Led indicate the bluetooth connection status, fast flash stand for no connection, on light stand for connect success

Base plate with anti reverse diode, have 3.3v LDO, unpaired current is about 30mA, paired is about 10mA, input voltage could not over 7V

Module port level is 3.3v

Field effective distance is 10 meters

It is slave module

Color is shown as pictures

PLS NOTE that due to lighting effects, monitor's brightness/ contrass settings ect, there could be some slight differences in the color tone of the pictures and the actual item!

Package Included:

1 x HC-06 bluetooth module(4pin, no dupont cable)