

412 ARDUINO BLUETOOTH MODULE HC05 XBEE

Description:

In this illustration we will going to wire the HC05 XBEE like Bluetooth Module, This Bluetooth module adapt the XBEE design compact communication, it has the pinout that compatible with the XBEE shields all kinds of microcontroller system, who uses 3.3v power out. This module uses AT command to set the baud rate. This module has integrates an onboard antenna that provides better signal quality transparent serial port which works with a variety of Bluetooth adapter and Bluetooth phones and pc. This module has been tested will all Bluetooth adapter on the market matching to use. Including laptops and mobile phones.

Device Specifications:

- Speed: Asynchronous: 2.1Mbps(Max) / 160 kbps, Synchronous: 1Mbps/1Mbps.
- Security: Authentication and encryption.
- Typical -80dBm sensitivity.
- Up to +4dBm RF transmit power.
- Default Baud rate: 38400.
- Data bits:8, Stop bit:1,Parity:No parity.
- Supported baud rates: 9600, 19200, 38400, 57600, 115200, 230400 and 460800.
- Auto-connect to the last device on power as default.
- Auto-pairing PINCODE:"0000" as default.
- Pairing PINCODE:"1234"as default.

