PRODUCT NAME : HC-06 Bluetooth Module with Base

PRICE : Rs 550.00
SKU : RM0848
DIMENSIONS(LxWxH) : 0 x 0 x 0

DESCRIPTION

The Bluetooth Module Breakout is the latest Bluetooth wireless serial cable! This version of the popular Bluetooth uses the HC - 06 modules. These modems work as a serial (RX / TX) pipe. Any serial stream from 9600 to 115200 bps can be passed seamlessly from your computer to your target.

The remote unit can be powered from 3.3 V up to 6 V for easy battery attachment. All signal pins on the remote unit are 3 V – 6 V tolerant. No level shifting is required. Do not attach this device directly to a serial port. You will need an RS232 to TTL converter circuit or Arduio XBee USB Adapter if you need to attach this to a computer. You can either solder a 6-pin header or individual wires.

Unit comes without a connector. Please see related male and female pins below.

And now, we provide HC-05/06, HC-05 could be setting to Master or Slave by user. HC-06 just be Master or Slave, that could be customized. This module default is HC-06 with Slave mode.

Note: Be paired must Master devices and Slave devices each other. Master and Master devices, Slave and Slave devices can't pair each other. The HC - 06 (just supply slave mode and more easy) Slave mode could paired with PDA, PC etc.

Specifications:

-- Bluetooth protocol : Bluetooth Specification v2.0 + EDR

-- Frequency: 2.4 GHz ISM band

-- Modulation: GFSK (Gaussian Frequency Shift Keying)

-- Emission power: ? 4 dBm, Class 2

-- Sensitivity: ? - 84 dBm at 0.1 % BER

-- Speed: Asynchronous: 2.1 Mbps (Max) / 160 kbps, Synchrono`lus: 1Mbps / 1Mbps

-- Security: Authentication and encryption

-- Profiles: Bluetooth serial port

-- Power supply: + 3.3 VDC 50 mA

-- Working temperature: - 20 ~ + 75 Centigrade

-- dimensions: 15.2 x 35.7 x 5.6 mm