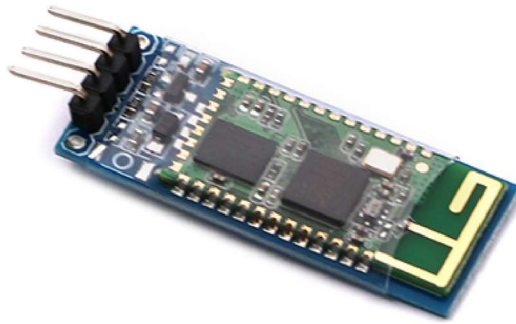


## ***Embedded Bluetooth Serial Communication Module Model:HC-06***



### **Description:**

The HC-06 Bluetooth module can be set as a transmitter or receiver. It can easily transfer the data through the wireless, without complex PCB layout or deep knowledge in the Bluetooth software stack. You can combine this Bluetooth module with your system: MCU, ARM or DSP systems, SOC systems, Personal Digital Assistants (PDAs), Computer Accessories or other systems you want to use under Bluetooth functions.

### **Features:**

- The core module HC-06 main modules, leads the interface includes VCC, GND, TXD, RXD, KEY pin high trigger to clear the pairing information research.
- Led indicator which shows the status of Bluetooth connection.
- In open field, the effective distance is up to 30ft .
- With interface level of 3.3V, it can be directly connected to various SCM (51, AVR, PIC, ARM, MSP430, etc.), the 5V MCU also can be connected directly, without MAX232 or no need to go through the MAX232.
- Support to establish a Bluetooth connection through AT commands set the baud rate, passkey, set parameters are saved after.
- Bluetooth connection is automatically switched to the pass-through mode.
- Wireless serial Bluetooth port with free extension cable.

### **Specifications:**

- Bluetooth Version: V2.0+EDR
- Frequency : 2.4GHz ISM band

- Default Baud Rate: 9600,8,1,n.
- Operating Voltage: 3.3V
- Input Voltage: 3.6~6V
- Signal Coverage: 30ft
- Dimensions: 3.7 \* 1.6cm
- Weight: 3g

*Made in China*