HC-05 6 Pin Wireless Bluetooth RF Transceiver Module Serial BTModule

Product Description:

Module parameters:

1.PCB Size: 37.3mm (Long) *15.5mm (wide)

2. Weight: 3.5g

3. Input voltage: 3.6V--6V, prohibit exceeding 7V

4. Power supply anti-reverse, the reverse module does not work

5. Leads 6 feet: EN/VCC/GND/RXD/TXD/STATE (Bluetooth state leads, not

connected output low level, the output high level after connection)

6. With the connection status indicator, LED flash indicates no Bluetooth connection;

Led slow flash indicates enter at command mode

7. On-board 3.3V voltage regulator chip, input voltage DC 3.6V-6V; When not paired, current about 30mA (due to LED lights flashing, current in the state of change); After

the pairing succeeds, the current is about 10mA

8. Interface level 3.3V, can directly connect a variety of MCU(/51/AVR/PIC/ARM/MSP430 and so on), 5V MCU can also directly connect. Direct

connection SCM Serial port, cannot pass MAX232 chip!

9. Effective transmission distance of 10 meters in open area, more than 10 metersispossible, but not to ensure the quality of the connection

10. After pairing succeeds, can be used as full duplex serial port. No needtounderstand any Bluetooth protocol, but only support 8-bit data bits, 1-bit stop bits, noparity communication format. This is also the most commonly used communicationformat, does not support other formats!

11. Press the key and then power up the Bluetooth module to enter at mode, set

parameters and query information

12. Can switch host and machine mode from at command

13. The module default baud rate is 9600, the default pairing password is 1234, thedefault name is HC-05

Wiring method:

VCC: Connect the power supply positive

GND: Connecting the cathode

RXD: The receiver, the Bluetooth module receives data from other devices, andthesending end TXD of the other devices normally

TXD: Send end, Bluetooth module sends data to other equipment; the receivingendRXD of the other equipments normally

En: To enable the end, need to enter the at mode when 3.3V

Package Included

1PCS X HC-05 6 Pin Wireless Bluetooth RF Transceiver Module Serial BTModule