

ARD 2 **Arduino Compatibles**

Controllers, Shields, Modules & Sensors

XBee Bluetooth Slave Module HC-06 *ARD2-2045*

- Connect to computers, mobile phones etc.
- Use AT command to set various settings

Description

This board is an HC-06 Bluetooth slave module. It can use the AT command to set baud rate, pairing password & module name. It's capable of connecting to computers, Bluetooth master modules, mobile phones etc.

Specifications

Input Voltage	3.6–6.0V
Input Current	30mA (unpaired); 10mA (paired)
Interface Level	3.3V
Default Baud Rate	9600
Bluetooth Pairing Password	1234
Dimensions	35.7mm x 15.2mm
Weight	5g
Bluetooth Firmware	HC-06 (slave only)
Frequency	2.4GHz ISM band
Modulation	GFSK
Rate (Asynchronous)	2.1Mbps (max)/160kbps
Rate (Synchronous)	1Mbps/1Mbps
Profiles	Bluetooth serial port
Sensitivity	≤ -84dBm at 0.1% BER
Transmit Power	4dBm, Class 2
Effective Distance	Approx. 10m
Working Temperature	-20 ~ +75°C

Pinout

Module	Arduino	Function
VCC	3.6–6.0V	Power Supply
GND	GND	Ground Connection
TXD	RX	Serial Output (3.3V logic levels)
RXD	TX	Serial Input (3.3V logic levels)

