

## ARD 2 **Arduino Compatibles** Controllers, Shields, Modules & Sensors

### **XBee Bluetooth Module HC-06** ARD2-2040

- **Bluetooth master & slave in one module**
- **Efficient on-board antenna**

#### **Description**

This board is an HC-06 Bluetooth module, featuring a slave and master in one module. This module features XBee design, compact size and compatibility with XBee expansion base for a variety of 3.3V microcontroller systems. Modules can use the AT command to set master-slave mode, baud rate, pairing password & the user information.

Features efficient on-board antenna, which transmits a better signal quality over longer distances. Transparent serial port can be used with a variety of Bluetooth adapters and paired phones.

This module has been tested to work with all paired Bluetooth adapters (included with Bluetooth laptops and mobile phones).

**Note:** Module uses a 3.3V power supply. Never use more than 3.3V or you may destroy the module.

#### **Specifications**

<b>Operating Voltage</b>	3.3VDC
<b>Default Baud Rate</b>	9600
<b>Bluetooth Pairing Password</b>	1234
<b>Dimensions</b>	34mm x 25mm x 8mm (LxWxD)
<b>Weight</b>	5g

