

# Bluetooth module

Add Bluetooth to your board. Compatible with all ArduSimple boards with onboard XBee socket.



More info about the product!



Bluetooth module SKU is: AS-XBEE-BT-2.4-INT-01

Get a discounted bulk price on this product for orders of 50 units or more. Contact us at [info@ardusimple.com](mailto:info@ardusimple.com) to get a quote.

## Description

With ArduSimple Bluetooth module, you will be able to provide low cost RTK technology to your smartphone or computer without cables.

Good to know:

- Compatible with all ArduSimple boards with XBee socket
- Default configuration is at 115'200bps and Bluetooth PIN: 1234
- Compatible with smartphones, computers and other devices that support Bluetooth 2.0
- You can customize the name of the Bluetooth device, by default is "RTK\_GNSS\_\*\*\*"
- Not compatible with iOS device, for iOS devices we can propose the [BT+BLE Bridge](#).

Includes:

- Pre-configured Bluetooth radio module with soldered headers (XBee socket compatible)

Product Change History:

- AS-XBEE-BT-2.4-INT-00: initial version at 38'400bps
- AS-XBEE-BT-2.4-INT-01: BT baudrate set at 115'200bps

## Specifications

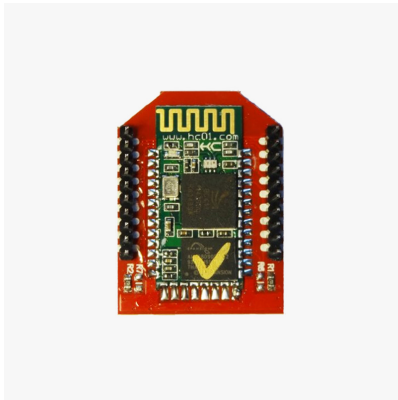
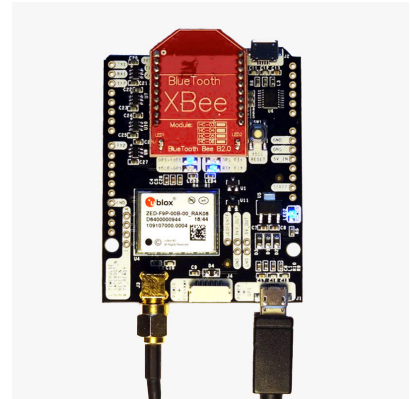
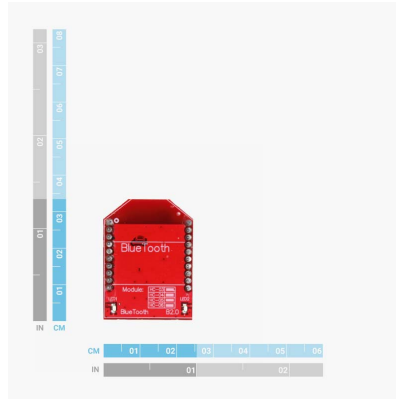
### Interfaces

- UART
- RS232 ([requires accessory](#))

### Bluetooth hardware features

- Bluetooth V2.0
- Bluetooth SPP (Serial Port Profile)
- Voltage supply (VCC): 3.0 - 3.6V
- UART voltage: same as VCC
- Frequency: 2.4 GHz (2402 - 2480 MHz)
- Max output power: 10dBm

## Image Gallery



## Pinout

TOP VIEW

Description	Name	#	#	Name	Description
3.0-3.6V up to 100mA peak	VCC	1	20	RES20	Reserved, do not connect
Data out VCC level	TX	2	19	RES19	Reserved, do not connect
Data in VCC level	RX	3	18	RES18	Reserved, do not connect
Reserved, do not connect	RES4	4	17	RES17	Reserved, do not connect
Reserved, do not connect	RES5	5	16	RES16	Reserved, do not connect
Reserved, do not connect	RES6	6	15	RES15	Reserved, do not connect
Reserved, do not connect	RES7	7	14	RES14	Reserved, do not connect
Reserved, do not connect	RES8	8	13	RES13	Reserved, do not connect
Reserved, do not connect	RES9	9	12	RES12	Reserved, do not connect
Must connect to GND	GND	10	11	RES11	Reserved, do not connect



## Documentation

Footprint      <https://www.snapeda.com/search/?q=ardusimple>

Bluetooth module includes free basic technical support. Contact [info@ardusimple.com](mailto:info@ardusimple.com) for more information.

Data and descriptions in this document are subject to change without notice. Product photos and pictures are for illustration purposes only and may differ from the real product appearance.