Bluetooth module

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

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 to get a quote.

This document was last modified on 2024/07/11
Modifications reserved - Data subject to change without notice
© All rights reserved. ArduSimple, 2025

www.ardusimple.com
More information: info@ardusimple.com
Page 1 of 5

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.

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

This document was last modified on 2024/07/11
Modifications reserved - Data subject to change without notice
© All rights reserved. ArduSimple, 2025

www.ardusimple.com
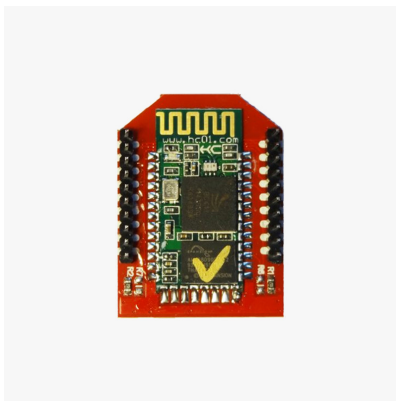More information: info@ardusimple.com
Page 2 of 5

Specifications

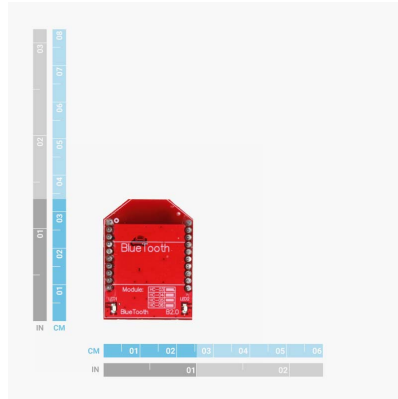**Interfaces**

- 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

This document was last modified on 2024/07/11
Modifications reserved - Data subject to change without notice
© All rights reserved. ArduSimple, 2025

www.ardusimple.com
More information: info@ardusimple.com
Page 3 of 5

Image Gallery

This document was last modified on 2024/07/11
Modifications reserved - Data subject to change without notice
© All rights reserved. ArduSimple, 2025

www.ardusimple.com
More information: info@ardusimple.com
Page 4 of 5

Documentation

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

Bluetooth module includes free basic technical support. Contact 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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ArduSimple](#):

[AS-XBEE-BT-2.4-INT](#)