

XBee 2 Click



PID: MIKROE-5302

Xbee 2 Click is a compact add-on board providing wireless end-point connectivity to other devices. This board features the [XB3-24Z8UM](#), a Digi XBee® 3 transceiver module offering a fully interoperable ecosystem covering all vertical markets from [Digi International](#). Building on industry-leading technology, the pre-certified Digi XBee® 3 module delivers the flexibility to switch between multiple frequencies and wireless protocols as needed (Zigbee, 802.15.4, DigiMesh® and BLE). It can be easily configured and controlled from a simple, central platform and comes with built-in Digi TrustFence® security, identity, and data privacy features which use more than 175 controls to protect against new and evolving cyber threats. This Click board™ is suitable for broad smart-energy applications, wireless alarms and security, building automation, and others.

Xbee 2 Click is supported by a [mikroSDK](#) compliant library, which includes functions that simplify software development. This [Click board™](#) comes as a fully tested product, ready to be used on a system equipped with the [mikroBUS™](#) socket.

Mikroe produces entire development toolchains for all major microcontroller architectures.

Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.



ISO 27001: 2013 certification of informational security management system.
ISO 14001: 2015 certification of environmental management system.
OHSAS 18001: 2008 certification of occupational health and safety management system.



ISO 9001: 2015 certification of quality management system (QMS).

Specifications

| | |
|------------------|---|
| Type | ZigBee |
| Applications | Can be used for broad smart-energy applications, wireless alarms and security, building automation, and others |
| On-board modules | XB3-24Z8UM - Digi XBee® 3 Zigbee 3.0 radio module providing wireless end-point connectivity from Digi International |
| Key Features | Industry-leading technology, pre-certified, flexibility, multiple frequencies and wireless protocols, security features, high programmability, and more |
| Interface | SPI, UART |
| Compatibility | mikroBUS |
| Click board size | M (42.9 x 25.4 mm) |
| Supply Voltage | 3.3V |

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

Downloads

[XBee 2 click example on Libstock](#)

[XB3-24Z8UM datasheet](#)

[XBee 2 click 2D and 3D files](#)

[XBee 2 click schematic](#)

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