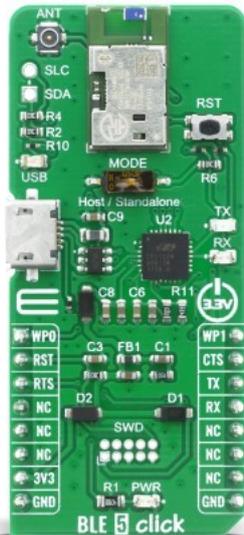


BLE 5 Click



PID: MIKROE-4120

The BLE 5 Click is a Click board™ which provides BT/BLE connectivity for any embedded application. BLE 5 Click is based on the [PAN1760A](#), a module from [Panasonic](#). The Click board™ with a small Bluetooth Low Energy module for easy integration of Bluetooth Low Energy connectivity (BLE) into various electronic devices. Our board is coming with a module already pre-programmed for AT command mode and can be controlled over a UART interface, in case you need this module to work in Host or Stand-Alone mode, a new firmware needs to be applied. Given its features, this Click can be used for health, sports, and wellness devices as well as Industrial, home, and building automation; and smart phone, tablet, and PC accessories.

BLE 5 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 excellence, 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 | BT/BLE |
| Applications | Health, sports, and wellness devices as well as Industrial, home, and building automation; and smart phone, tablet, and PC accessories |
| On-board modules | PAN1760A , Bluetooth 4.2 low energy module from Panasonic |
| Key Features | Bluetooth 4.2 low energy compliant, integrated antenna, 83 kB RAM available for application |
| Interface | GPIO,UART,USB |
| ClickID | No |
| Compatibility | mikroBUS |
| Click board size | L (57.15 x 25.4 mm) |
| Input Voltage | 3.3V |

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

Downloads

[BLE 5 click 2D and 3D files](#)

[PAN1760A datasheet](#)

[BLE-5 click schematic](#)

[BLE-5 click example on Libstock](#)

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