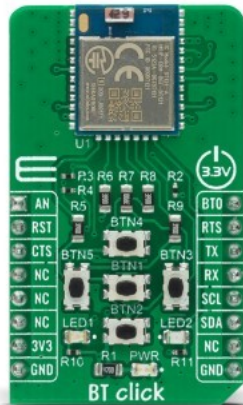


BT Click



PID: MIKROE-4384

BT Click is a compact add-on board targeted for applications that require both Bluetooth Smart and Classic connectivity. This board features the BT121, a dual-mode Bluetooth Smart Ready module solution that gives unparalleled flexibility to integrate both Bluetooth Smart and Bluetooth Basic Rate/Enhanced Data Rate (BR/EDR) wireless technologies from [Silicon Labs](https://www.siliconlabs.com/). It contains a high-performance Bluetooth radio, a low-power ARM Cortex MCU, and a Bluegiga Bluetooth Smart Ready stack software marking it an extremely easy-to-use device. This Click board™ can be used in a wide variety of applications such as cable replacement, HID devices, health and fitness, PoS (point-of-sale), industrial and home automation gateways, and others.

BT 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	BT/BLE
Applications	Can be used in a wide variety of applications such as cable replacement, HID devices, health and fitness, PoS (point-of-sale), industrial and home automation gateways, and others.
On-board modules	BT Click is based on the BT121, a dual-mode Bluetooth Smart Ready module solution that gives unparalleled flexibility to integrate both Bluetooth Smart and Bluetooth Basic Rate/Enhanced Data Rate (BR/EDR) wireless technologies from Silicon Labs.
Key Features	Bluetooth 4.1 Smart Ready compliant, integrated antenna, high performance, connectivity to both Bluetooth BR/EDR, and more.
Interface	Analog,I2C,UART
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[mikroSDK](#)

[Click board™ Catalog](#)

Downloads

[BT click schematic](#)

[BT121 datasheet](#)

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

[BT click example on Libstock](#)

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