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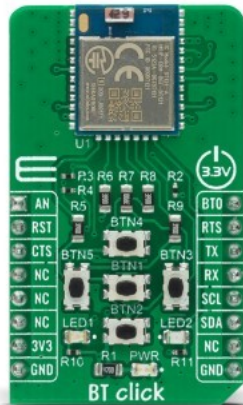www.mikroe.com

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. 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.

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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
ClickID	No
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