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BLE 5 Click





PID: MIKROE-4120

The BLE 5 Click is a Click board witch provide BT/BLE connectivity for any embedded application. BLE 5 click based on the <u>PAN1760A</u>, a module from <u>Panasonic</u>. The Click board with small Bluetooth Low Energy module for easy integration of Bluetooth Low Energy connectivity (BLE) into various electronic devices. Our board is coming with module already pre programmed for AT command mode and can be controlled over 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 $\underline{\mathsf{mikroSDK}}$ compliant library, which includes functions that simplify software development. This $\underline{\mathsf{Click}}$ board $\underline{\mathsf{mikroBUS}}$ comes as a fully tested product, ready to be used on a system equipped with the $\underline{\mathsf{mikroBUS}}$ 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.







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Specifications

Туре	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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health and safety management system.