

BT-EZ Click



PID: MIKROE-4038

The **BT-EZ click** is a Click board™ which provide BLE connectivity for any embedded application. BT-EZ click based on the [CYBT-343026-01](#) module, from [Cypress](#). This Click board™ is a fully integrated bluetooth low energy module, mentioned for easy integration into various electronic devices. 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.

BT-EZ 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	Health/Medical Devices, Sports Activity/Fitness Meters, Beacon Applications, Internet of Things (IoT) Sensor Tag, Remote Control, Wearable Smart Devices and Accessories, Smart Energy/Smart Home, Industrial Control
On-board modules	CYBT-343026-01 , Bluetooth 5 low energy module from Cypress
Key Features	Bluetooth 5 low energy compliant, integrated antenna, Cortex-M3 32-bit processor
Interface	UART
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

Downloads

[BT-EZ click schematic](#)

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

[CYBT-343026-01 datasheet](#)

[BT-EZ click example on Libstock](#)

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