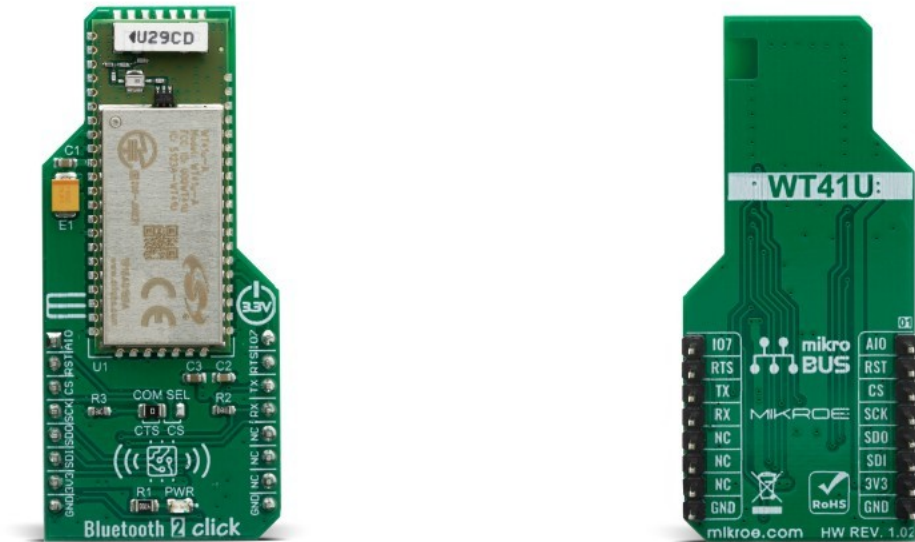


# Bluetooth 2 Click



PID: MIKROE-4087

**Bluetooth 2 Click** features WT41u, a long range class 1, Bluetooth® 2.1 + EDR module. WT41u is a highly integrated and sophisticated Bluetooth® module, containing all the necessary elements from Bluetooth® radio and a fully implemented protocol stack. Therefore WT41u provides an ideal solution for developers who want to integrate Bluetooth® wireless technology into their design with limited knowledge of Bluetooth® and RF technologies. WT41u optimized for long range applications is available with an integrated chip antenna.

Bluetooth 2 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.

**The Bluetooth 2 Click is the new and updated version of the famous [Bluetooth2 Click](#).**

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	Handheld terminals, Industrial devices, Point-of-Sale systems, PCs, Personal Digital Assistants (PDAs), Computer Accessories, Access Points, Automotive Diagnostics Units.
On-board modules	Bluetooth 2 Click uses the WT41u module, a fully integrated Bluetooth 2.1 + EDR class 1 module, from Silicon Labs.
Key Features	Exceptional radio performance (TX power: +20 dBm, RX sensitivity: -90 dBm). Superior radio performance 110dB link budget provides 1000+ meter line-of-sight connectivity.
Interface	GPIO,SPI,UART
ClickID	No
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V

## Resources

[mikroBUS™](#)

[mikroBUS™](#)

[Click board™ Catalog](#)

[Click Boards™](#)

## Downloads

[Bluetooth 2 click example on Libstock](#)

[WT41U datasheet](#)

[Bluetooth 2 click schematic](#)

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

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