

## USB to I2C Click



PID: MIKROE-5312

**USB to I2C Click** is an adapter add-on board with a general-purpose USB master to I2C/UART serial interface. This board features the [FT260](#) from [FTDI](#), an interface device controller that provides a bridge between standard USB Human Interface Device (HID) class drivers and an I2C or UART slave devices. The FT260 is highly-integrated with a USB 2.0-compliant full-speed (12Mbps) transceiver, oscillator, LDO regulator, and on-chip eFUSE. It is supported by most operating systems where a custom driver is not required. With the possibility of use as a standalone device, this Click board™ provides an ideal, fast-to-implement bridge between USB and either UART or I2C peripherals.

USB to I2C 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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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	USB
Applications	Can be used as a bridge between USB and either UART or I2C peripherals
On-board modules	FT260 - USB device that supports I2C and UART communication through standard USB HID class interfaces from FTDI
Key Features	Full speed HID class USB device, USB2.0 compliant with entire USB protocol handled on the chip, supported by most operation systems, custom driver is not required, I2C Master interface, standalone operation, and more
Interface	I2C,UART,USB
ClickID	No
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V,5V

## Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

## Downloads

[TLV1117 datasheet](#)

[MAX40200 datasheet](#)

[FT260 datasheet](#)

[USB to I2C click 2D and 3D files](#)

[USB to I2C click schematic](#)

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