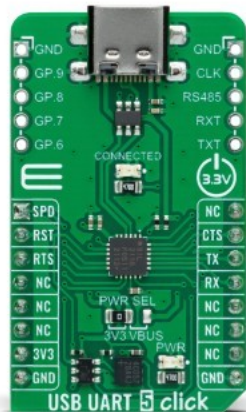


USB UART 5 Click



PID: MIKROE-5574

USB UART 5 Click is a compact add-on board with a general-purpose USB to UART serial interface. This board features the [CP2110](#), a highly-integrated USB-to-UART bridge controller from [Silicon Labs](#). The CP2110 uses the standard USB HID device class, requiring no custom driver and a UART interface that implements all RS-232 signals, including control and hardware handshaking, so existing system firmware does not need to be modified. The UART capabilities of the CP2110 also include baud rate support from 300 to 1Mbps, hardware flow control, RS-485 support, and GPIO signals that are user-defined for status and control information. This Click board™ is designed to quickly add a USB 2.0 full-speed compliant UART interface for custom applications.

USB UART 5 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	USB
Applications	Can be used to quickly add a USB 2.0 full-speed compliant UART interface for custom applications
On-board modules	CP2110 - USB-to-UART bridge controller from Silicon Labs
Key Features	HID interface USB to UART data transfer, full speed USB 2.0-compliant, standard USB class device that requires no custom driver, Self or USB powered configuration, UART flow control, various data formats and baud rates, RS-485 mode with bus transceiver control, Suspend mode, GPIO interface, and more
Interface	UART,USB
ClickID	Yes
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V or 5V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

Downloads

[USB UART 5 click example on Libstock](#)

[USB UART 5 click 2D and 3D files](#)

[CP2110 datasheet](#)

[USB UART 5 click schematic](#)

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).

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Interface Development Tools](#) category:

Click to view products by [MikroElektronika](#) manufacturer:

Other Similar products are found below :

[CHA2066-99F](#) [TW-DONGLE-USB](#) [XR21B1424IV64-0A-EVB](#) [STR-FUSB3307MPX-PPS-GEVK](#) [MAX7313EVKIT+](#) [P0551](#)
[ZSC31010KITV2P1](#) [TDP1204EVM](#) [5346](#) [SI32185ACB10SL1KIT](#) [Si32185ACB10SL0EVB](#) [RAA2S4252EXT](#) [4901](#) [DFR0979](#) [LIME2-](#)
[SHIELD](#) [SC18IS604-EVB](#) [MIKROE-5276](#) [CP2104-MINIEK](#) [103030295](#) [LVDS-18B-EVK](#) [MIKROE-2335](#) [KIT_MINIWIGGLER_3_USB](#)
[KITXMC4XCOMETH001TOBO1](#) [XR20M1170G16-0A-EB](#) [XR20M1170G16-0B-EB](#) [XR20M1170G24-0B-EB](#) [XR20M1172G28-0B-EB](#)
[73931-3022](#) [SI871XSOIC8-KIT](#) [1764](#) [1833](#) [TCA8418E-EVM](#) [1862](#) [EVAL-ADM2486EBZ](#) [EVAL-ADM2487EEB3Z](#)
[EVALISO1I811TTOBO1](#) [EVB-USB82514](#) [ATAB663254A-V1.2](#) [AS8650](#) [DB V10](#) [EVAL-ADM2587EEBZ](#) [EVAL-ADM3251EEB1Z](#)
[EVAL-ADUSB2EBUZ](#) [EVAL-ADUSB2EBZ](#) [EVAL-CN0160-EB1Z](#) [EVAL-CN0185-EB1Z](#) [EVB80104-A1](#) [2264](#) [MCP23X17EV](#) [PS09-](#)
[EVA-KIT](#) [237](#)