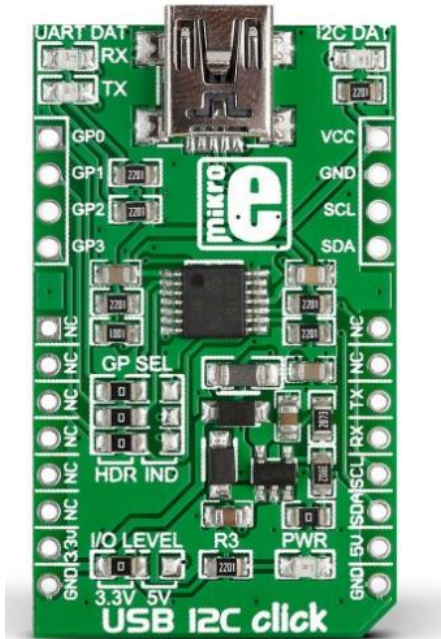


USB I2C click



PID: MIKROE-1985

RS Product Code: [136-0756](#)

USB I2C click carries an MCP2221 USB-to-UART/I2C converter. The chip supports full-speed USB (12 Mb/s), I2C with up to 400 kHz clock rates and UART baud rates between 300 and 115200. The board communicates with the target MCU through mikroBUS UART (RX, TX) or I2C (SCL, SDA) interfaces. In addition to mikroBUS, the edges of the board are lined with additional GPIO and I2C pins. It can operate on 3.3V or 5V logic levels.

Specification

Product Type	USB
Applications	USB to I2C or UART conversion
On-board modules	MCP2221 USB-to-UART/I2C converter
Key Features	Full-speed USB, 400 kHz I2C, 300-115200 UART baud rates. USB has 128-byte buffer. Additional GPIO and I2C pins
Key Benefits	Microchip provides software utility
Interface	I2C or UART
Power Supply	3.3V or 5V
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Weight	31g

Downloads

[USB I2C click examples](#)

[USB I2C click user manual](#)

[USB I2C click Schematic](#)