Connect the desired Click™ additional board directly to your PC via USB cable. No microcontrollers required.
TO OUR VALUED CUSTOMERS

I want to express my thanks to you for being interested in our products and for having confidence in MikroElektronika.

The primary aim of our company is to design and produce high quality electronic products and to constantly improve the performance thereof in order to better suit your needs.

Nebojsa Matic
General Manager

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Click USB adapter board provides necessary interface for connecting Click™ add-on boards to your PC through high speed USB connection. There is no need to use a microcontroller. It features FT2232H dual high speed USB to multipurpose IC, Analog-to-Digital converter, EEPROM memory and a single mikroBUS™ host socket. FT2232H provides necessary communication lines defined by the mikroBUS™ standard. mikroBUS™ host connector consists of two 1x8 female headers with SPI (MOSI, MISO, SCK, CS), I²C (SDA, SCL), UART (Tx, Rx), RST, PWM, Analog and Interrupt lines as well as 3.3V, 5V and GND power lines. Click USB adapter board can be powered through USB cable only. On-board power circuitry generates 3.3V and 5V. Two jumpers are provided on the board. J1 jumper is used to select whether UART or I²C will be used. J2 selects whether AN pin on mikroBUS™ socket will be just another GPIO pin, or connected to MCP3204 AD converter circuit, thus serving for analog readings.
Figure 1: Click USB adapter schematic
Install drivers before use

On-board FT2232H chip requires drivers to be installed on your PC before operation. Drivers are available on the manufacturer's website: [http://www.ftdichip.com/Drivers/VCP.htm](http://www.ftdichip.com/Drivers/VCP.htm)

Figure 2: FT2232H controller from FTDI® Chip

Figure 3: Compass click board connected to PC via click USB adapter board
Up to now, MikroElektronika has released more than 60 mikroBUS™ compatible Click Boards™. On the average, one click board is released per week. It is our intention to provide you with as many add-on boards as possible, so you will be able to expand your development board with additional functionality. Each board comes with a set of working example codes. Please visit the Click boards™ webpage for the complete list of currently available boards:

http://www.mikroe.com/click/
Dimensions
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