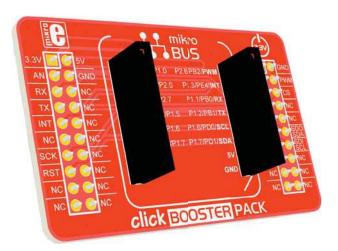


EN: This Datasheet is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.





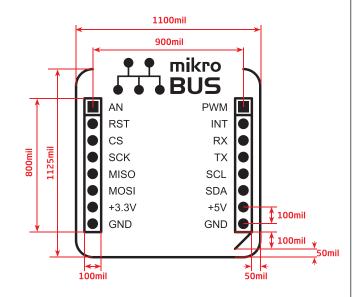
Click BOOSTER PACK is the add-on board for LaunchPad® from Texas Instruments<sup>®</sup>. It features mikroBUS™ host socket, allowing developers to use dozens of click™ add-on boards from mikroElektronika.

## What are click<sup>™</sup> boards?

Click<sup>™</sup> boards are popular add-on boards in mikroBUS<sup>™</sup> form factor. Each one carries a specific functionality, whether it is a communication layer, sensor, analog input, storage module, etc. Click<sup>™</sup> boards are compact in size and are easily integrated into target devices, making them a great choice for fast prototyping. Each comes with user manual and a set of examples.

## What is mikroBUS™?

mikroBUS<sup>™</sup> host connector consists of two 1x8 female headers containing pins to be most likely used in the target add-on board. There are three groups of communication pins: SPI, UART and I2C. There are also single pins for PWM, Interrupt, Analog input, Reset and Chip Select. Pinout contains two power groups: +5V and GND on one header and +3.3V and GND on the other 1x8 header. mikroBUS™ host connector perfectly fits into standard breadboards.



- Analog pin - Reset pin **RST** 

- SPI Chip Select line - SPI Clock line

MISO - SPI Slave Output line **MOSI** - SPI Slave Input line

**+3.3V** - VCC-3.3V Power line

- Reference Ground

- PWM output line

- Hardware Interrupt line

- UART Receive line

- UART Transmit line TX

- I2C Clock line SCL

- I<sup>2</sup>C Data line **SDA** 

- VCC-5V Power line +5V

- Reference Ground



## Click































## ONE SOCKET for ALL boards

Just place the Click" board you need into the innovative new mikroBUS" socket and it's ready to work right away. Adding new functionality to your LaunchPad\* was never so easy.





























