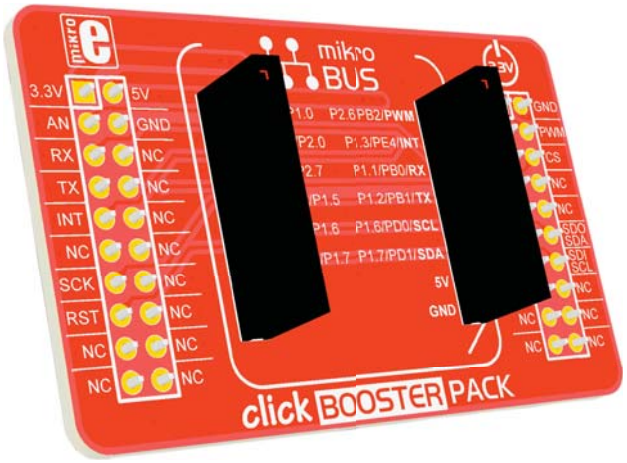
click™
BOOSTER PACK



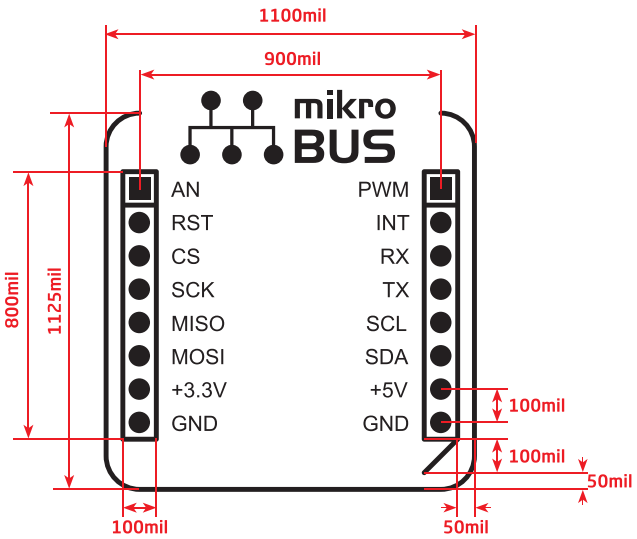
Click BOOSTER PACK is the add-on board for LaunchPad® from Texas Instruments®. It features mikroBUS™ host socket, allowing developers to use dozens of click™ add-on boards from mikroElektronika.

What are click™ boards?

Click™ boards are popular add-on boards in mikroBUS™ form factor. Each one carries a specific functionality, whether it is a communication layer, sensor, analog input, storage module, etc. Click™ 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™ 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.



AN	- Analog pin	**PWM**	- PWM output line
RST	- Reset pin	**INT**	- Hardware Interrupt line
CS	- SPI Chip Select line	**RX**	- UART Receive line
SCK	- SPI Clock line	**TX**	- UART Transmit line
MISO	- SPI Slave Output line	**SCL**	- I²C Clock line
MOSI	- SPI Slave Input line	**SDA**	- I²C Data line
+3.3V	- VCC-3.3V Power line	**+5V**	- VCC-5V Power line
GND	- Reference Ground	**GND**	- Reference Ground

click™
BOOSTER PACK

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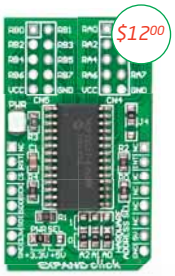

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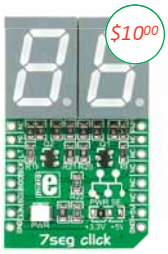

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one SOCKET for click ALL boards

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.

MikroElektronika
DEVELOPMENT TOOLS | COMPILERS | BOOKS

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