



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

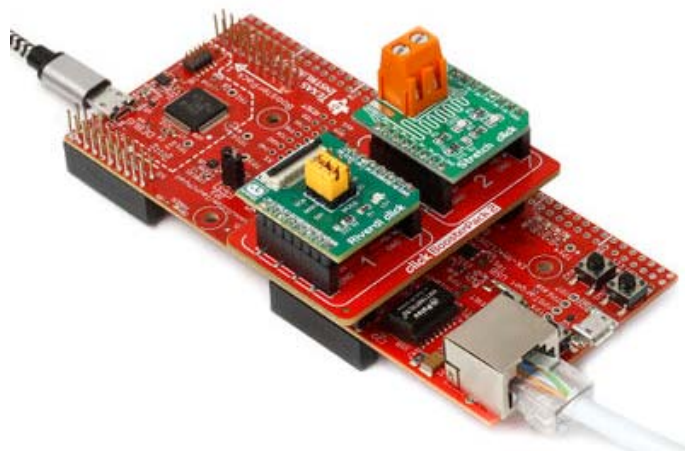
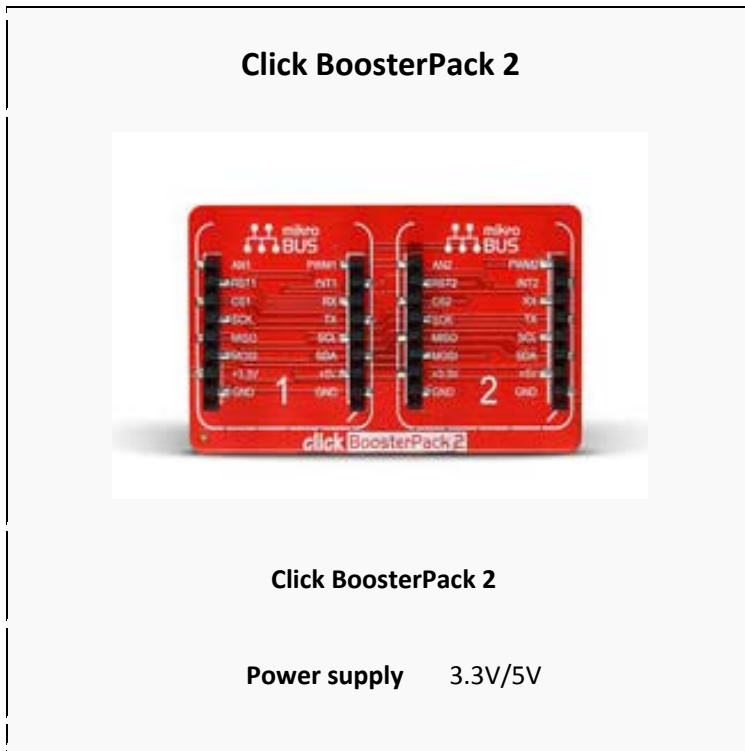
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# Click BoosterPack 2

From MikroElektronika Documentation



**Click BoosterPack 2** is an extension for Texas Instruments LaunchPads™ with the current BoosterPack Pinout Standard. It has two mikroBUS™ sockets onboard, for simple and easy integration of **MikroElektronika click boards** with a LaunchPad™.

Add new functionality to your **LaunchPad™** within minutes. We have more than 250 click boards available in our store, from audio and voice to power management and wireless connectivity clicks.

All our compilers come with code examples, so you'll have a great base to start with.

## Contents

[hide]

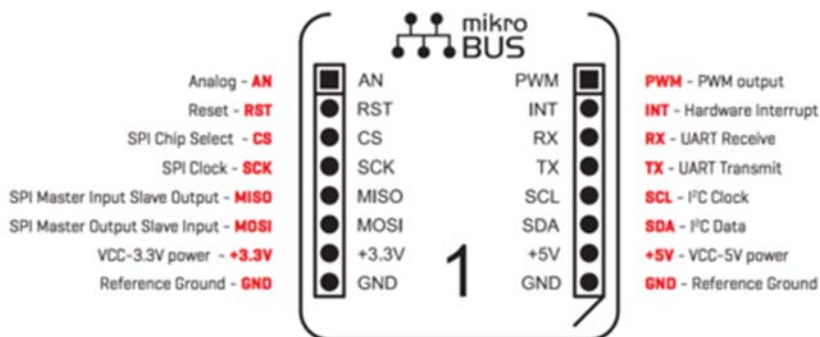
- 1 Features and usage notes
  - 1.1 Texas Instruments LaunchPad™
  - 1.2 MikroBUS™
  - 1.3 Pinout standard
  - 1.4 Energia Software
  - 1.5 Key features
- 2 Resources

## Features and usage notes

### Texas Instruments LaunchPad™

Texas Instruments has a wide range of LaunchPads™ on offer. They come in four categories: Low Power, Connected, Performance, and Safety. So choose click boards that are most suited to a particular LaunchPad™ and your project.

### 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.

## **Pinout standard**

Unlike its predecessor – click BOOSTER PACK, this BoosterPack adheres to a new BoosterPack 40-pin Pinout Standard.

## **Energia Software**

Energia is an open-source prototyping platform, with libraries that can enable multiple LaunchPads™ to work with your BoosterPack at the same time. Energia IDE supports Mac OS, Linux and Windows.

To get started with this software you can check out their official guide. The tutorial section will take you through the most useful code examples.

## **Key features**

- Two mikroBUS™ host sockets
- Easy integration

## **Resources**

- Schematic
- Texas Instruments LaunchPads™
- Energia software
- mikroBUS™ standard specifications