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!

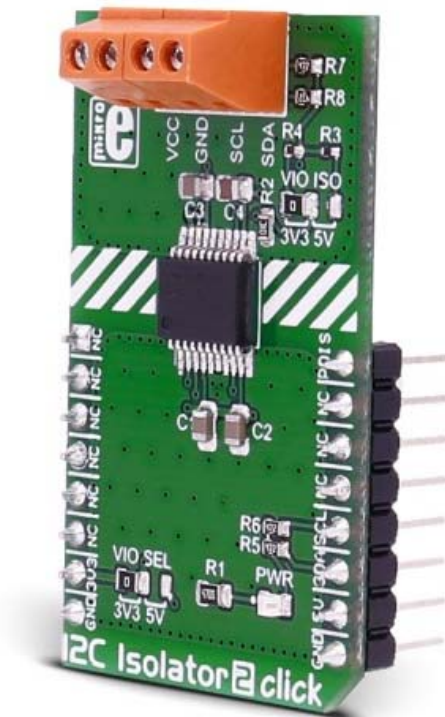## Contact us

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I2C Isolator 2 click

PID: MIKROE-2609

I2C Isolator 2 click provides I2C lines and power isolation for slave devices. It carries the ADM3260 dual I2C isolator with an integrated DC-to-DC converter. I2C Isolator 2 click is designed to run on either 3.3V or 5V power supply. The click communicates with the target microcontroller over an I2C interface with additional functionality provided by the PWM pin on the mikroBUS™ line.
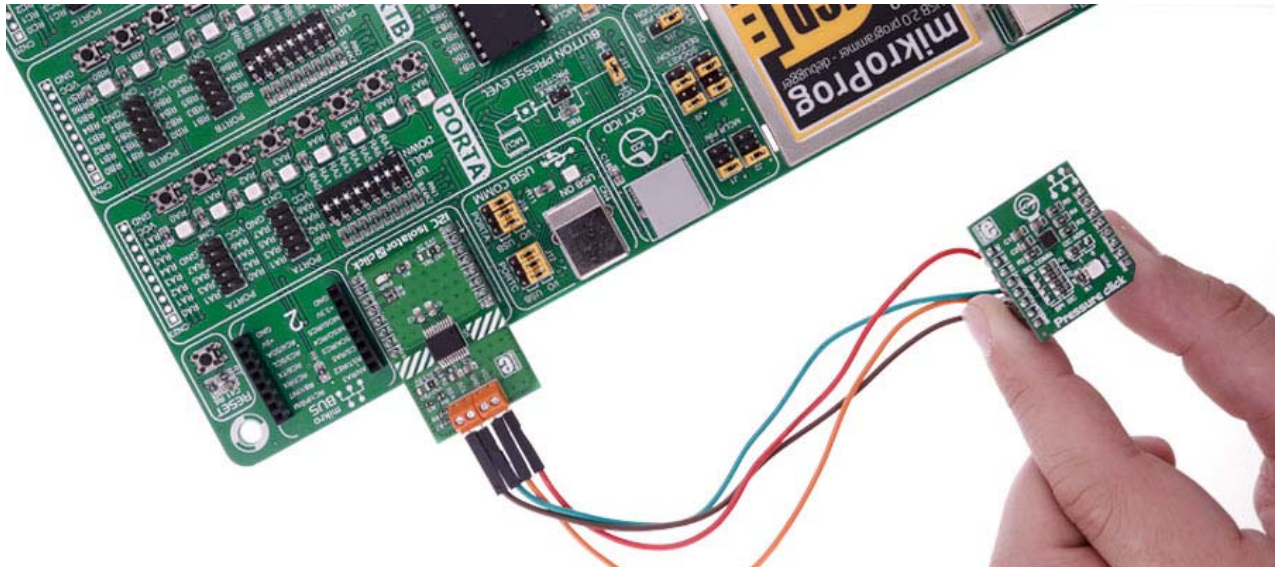
ADM3260 features

The ADM3260 is a hot swappable digital and power isolator with two nonlatching, bidirectional communication channels, supporting a complete isolated I2C interface, and an integrated isolated dc-to-dc converter, supporting up to **150 mW** of isolated power conversion.

The bidirectional I2C channels eliminate the need for splitting I2C signals into separate transmit and receive signals for use with standalone optocouplers.

How it works

The screw terminal on the board can be connected to I2C and power connections of an I2C slave device.

Key features

- ADM3260 dual I2C isolator
  - Up to 150 mW output power
  - High common-mode transient immunity: >25 kV/µs
  - 30 mA current sink capability
- Onboard screw terminals
- I2C interface
- 3.3V or 5V power supply