

## I2C MUX 2 Click



## Specifications

Type	I2C
Applications	Servers, Routers (telecom switching equipment), Factory automation, Products with I2C slave address conflicts (multiple, identical temp sensors)
On-board modules	I2C MUX 2 Click uses the TCA9545A IC, a quad bidirectional translating switch, from Texas Instruments
Key Features	The 1-of-4 Bidirectional translating switches, Allows voltage-level translation between 1.8-V, 2.5-V, 3.3-V, and 5-V buses
Interface	I2C
ClickID	No
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V,5V

## Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

## Downloads

[I2C MUX 2 click example on Libstock](#)

[I2C MUX 2 click 2D and 3D files](#)

[TCA9545A datasheet](#)

[I2C MUX 2 click schematic](#)

Mikroe produces entire development toolchains for all major microcontroller architectures.

Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.



ISO 27001: 2013 certification of informational security management system.  
ISO 14001: 2015 certification of environmental management system.  
OHSAS 18001: 2008 certification of occupational health and safety management system.



ISO 9001: 2015 certification of quality management system (QMS).