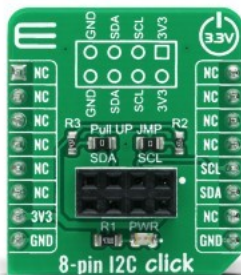


8-pin I2C Click



PID: MIKROE-4241

8-pin I2C Click is a compact add-on board that represents a breakout board that simplifies the connection of add-on boards with 8 pin Female Connector to mikroBUS™ socket. This board can be used as I2C Adapter with no main component on itself, with only an on-board connector for connection establishing. 8-pin I2C Click has no regional restrictions, no need for special permits, and it is possible to use this Click board™ worldwide. Being compatible with MFI (Made for iPod) is the most important feature of the 8-pin I2C Click board™ which ensures its proper operation with additional Apple accessories. This Click board™ is suitable for expanding the connectivity of the development system with the mikroBUS™, and ideal for communication with numerous devices that share the identical slave address on the same bus.

8-pin I2C Click is supported by a mikroSDK compliant library, which includes functions that simplify software development. This Click board™ comes as a fully tested product, ready to be used on a system equipped with the mikroBUS™ socket.

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).

Specifications

Type	Adapter
Applications	Can be used for for expanding the connectivity of the development system with the mikroBUS™, and ideal for communication with numerous devices that share the identical slave address on the same bus.
On-board modules	8-pin I2C Click is a compact add-on board that represents a breakout board that simplifies the connection of add-on boards with 8 pin Female Connector to mikroBUS™ socket.
Key Features	MFI compatibility, no regional restrictions, expanding connectivity, retaining a perfect connection quality at all times, and more.
Interface	I2C
ClickID	No
Compatibility	mikroBUS
Click board size	S (28.6 x 25.4 mm)
Input Voltage	3.3V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

Downloads

[8-pin I2C click 2D and 3D files](#)

[8-pin I2C click example on Libstock](#)

[8-pin I2C click schematic](#)

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