

MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia VAT: SR105917343 Registration No. 20490918
Phone: + 381 11 78 57 600 Fax: + 381 11 63 09 644 E-mail: office@mikroe.com

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 $^{\text{\tiny M}}$ comes as a fully tested product, ready to be used on a system equipped with the mikroBUS $^{\text{\tiny M}}$ 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.





health and safety management system.



MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia VAT: SR105917343 Registration No. 20490918 Phone: + 381 11 78 57 600 Fax: + 381 11 63 09 644 E-mail: office@mikroe.com www.mikroe.com

Specifications

Туре	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

<u>mikroBUS™</u>

mikroSDK

Click board™ Catalog

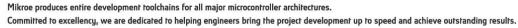
Click boards™

Downloads

8-pin I2C click 2D and 3D files

8-pin I2C click example on Libstock

8-pin I2C click schematic







health and safety management system.