

Step Down 2 Click



PID: MIKROE-3895

The **Step Down 2 click** is a Click board™ equipped with the L6986HTR, a synchronous step-down switching regulator with operating input voltages from 4V to 38V and output voltage adjustability ranges from 0.85 V to VIN. Because of the main possibilities its features offer, the Step Down 2 click is ideally used for programmable logic controllers (PLCs), decentralized intelligent nodes, sensors, and low noise applications (LNM).

The Step Down 2 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	Buck
Applications	Programmable logic controllers (PLCs), decentralized intelligent nodes, sensors, and low noise applications (LNM)
On-board modules	L6986HTR, a synchronous step-down switching regulator from STMicroelectronics
Key Features	Low consumption mode, Overvoltage protection, Embedded output voltage supervisor
Interface	GPIO
ClickID	No
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

Downloads

[Step Down 2 click example on Libstock](#)

[Step Down 2 click 2D and 3D files](#)

[L6986H datasheet](#)

[Step Down 2 click schematic](#)

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