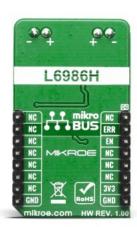


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Step Down 2 Click





PID: MIKROE-3895

The **Step Down 2 click** is a Click board[™] equipped with the L6986HTR, a synchronous stepdown 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.







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Specifications

Туре	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

www.mikroe.com

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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health and safety management system.