MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia
VAT: SR105917343 Registration No. 20490918
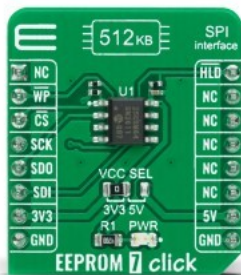Phone: + 381 11 78 57 600 Fax: + 381 11 63 09 644 E-mail: office@mikroe.com
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EEPROM 7 Click

PID: MIKROE-4421

EEPROM 7 Click is a compact add-on board that contains the highest-density memory solution. This board feature the 25CSM04, a 4-Mbit SPI Serial EEPROM with a 128-bit serial number and enhanced write protection mode from Microchip. Internally organized as 2,048 pages of 256 bytes each, the 25CSM04 comes up with the compatible SPI serial interface. It includes a security register with a 128-bit unique serial number and a 256-byte (2048-bit) user-programmable lockable ID page, built-in ECC, and a configurable write protection scheme for all bytes. This Click board™ is suitable for use in consumer and industrial applications where reliable and dependable nonvolatile memory storage is essential.

EEPROM 7 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.

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Specifications

Type	EEPROM
Applications	Can be used for consumer and industrial applications where reliable and dependable nonvolatile memory storage is essential.
On-board modules	EEPROM 7 Click is based on the 25CSM04, a 4 Mb Serial EEPROM with a Serial Peripheral Interface (SPI), a 128-bit serial number, and enhanced Write Protection Mode from Microchip.
Key Features	4-Mbit serial EEPROM, security register, high-speed clock frequency, enhanced write protection mode, high reliability, and more.
Interface	SPI
ClickID	No
Compatibility	mikroBUS
Click board size	S (28.6 x 25.4 mm)
Input Voltage	3.3V or 5V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

Downloads

[EEPROM 7 click 2D and 3D files](#)

[25CSM04 datasheet](#)

[EEPROM 7 click example on Libstock](#)

[EEPROM 7 click schematic](#)