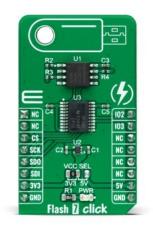MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia
VAT: SR105917343 Registration No. 20490918
Phone: + 381 11 78 57 600 Fax: + 381 11 63 09 644 E-mail: office@mikroe.com
www.mikroe.com

Flash 7 Click

PID: MIKROE-4440

Flash 7 Click is a compact add-on board that contains a high-performance memory solution. This board features the GD25LQ16C, a 104MHz SPI NOR Flash memory with advanced security features from GigaDevice Semiconductor. It is specifically designed to meet the different needs in various electronic applications in terms of density, performance, reliability, and security while providing low power consumption. It requires only 6 signals to communicate between the MCU and the memory, thus reduces the design complexity and offers a reduction in board space and total system cost. This Click board™ provides a storage solution for systems with limited space in various embedded applications.

Flash 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.

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).

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

Type	FLASH
Applications	Can be used to provides a storage solution for systems with limited space in various embedded applications.
On-board modules	Flash 7 Click is based on the GD25LQ16C, a high-performance SPI NOR Flash Memory solution with advanced security features from GigaDevice Semiconductor.
Key Features	Low power consumption, high performance, reliability, advanced security features, data retention, and more.
Interface	QSPI,SPI
ClickID	No
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V or 5V

Resources

mikroBUS™

mikroSDK

Click board™ Catalog

Click boards™

Downloads

Flash 7 click example on Libstock

BH18PB1WHFV datasheet

GD25LQ16C datasheet

TXS0108E datasheet

Flash 7 click schematic

Flash 7 click 2D and 3D files