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
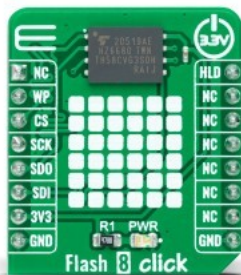www.mikroe.com

Flash 8 Click

PID: MIKROE-5293

Flash 8 Click is a compact add-on board representing a highly reliable memory solution. This board features the GD5F2GQ5UEYIGR, a 2Gb high-density non-volatile memory storage solution for embedded systems from GigaDevice Semiconductor. It is based on an industry-standard NAND Flash memory core, representing an attractive alternative to SPI-NOR and standard parallel NAND Flash with advanced features. The GD5F2GQ5UEYIGR also has advanced security features (8K-Byte OTP region), software/hardware write protection, can withstand many write cycles (minimum 100k), and has a data retention period greater than ten years. This Click board™ is suitable for storage and data transfer in consumer devices, and industrial applications.

Flash 8 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).

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Specifications

Type	FLASH
Applications	Can be used for storage and data transfer in consumer devices and industrial applications
On-board modules	GD5F2GQ5UEYIGR - serial Flash memory solution from GigaDevice Semiconductor
Key Features	2Gb NAND flash, Standard/Dual/Quad SPI, high speed clock frequency, protection features, reliability, enhanced access performance, low power consumption, and more
Interface	QSPI,SPI
ClickID	No
Compatibility	mikroBUS
Click board size	S (28.6 x 25.4 mm)
Input Voltage	3.3V

Resources

mikroBUS™

mikroSDK

Click board™ Catalog

Click boards™

Downloads

GD5F2GQ5UEYIGR datasheet

Flash 8 click schematic

Flash 8 click 2D and 3D files

Flash 8 click example on Libstock