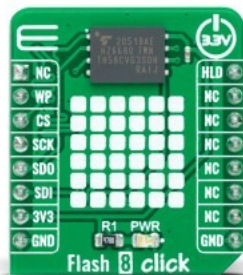


Flash 8 Click



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).

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
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](#)

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).