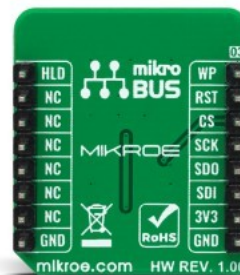
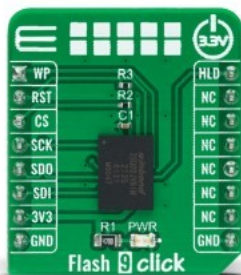


Flash 9 Click



PID: MIKROE-4987

Flash 9 Click is a compact add-on board that contains a highly reliable memory solution. This board features the W25Q02JV, an SPI configurable serial Flash memory solution from Winbond Electronics. It represents a four 512Mb stack die supporting linear addressing for the full 2Gb memory address range, offering flexibility and performance well beyond ordinary Serial Flash devices. The W25Q02JV array is organized into 1,048,576 programmable pages of 256-bytes each, where up to 256 bytes can be programmed at a time. This memory also has advanced security features, can withstand many write cycles (minimum 100k), and has a data retention period greater than 20 years. This Click board™ provides a storage solution for limited space and power systems in various embedded applications.

Flash 9 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 to provide a storage solution for limited space and power systems in various embedded applications
On-board modules	W25Q02JV - SPI configurable serial Flash memory solution from Winbond Electronics
Key Features	High performance, low power consumption, reliability, flexible architecture with 4KB sectors, advanced security features, data retention, and more.
Interface	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

[Flash 9 click example on Libstock](#)
[W25Q02JV datasheet](#)
[Flash 9 click 2D and 3D files](#)
[Flash 9 click schematic](#)

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