

SRAM 3 Click



PID: MIKROE-4293

SRAM 3 Click is a compact add-on board that contains a serial non-volatile SRAM with a high storage capacity. This board features the [ANV32AA1WDK66](#), a 1Mb serial SRAM with a non-volatile SONOS storage element included with each memory cell organized as 128k words of 8 bits each from [Anvo-System Dresden](#). The serial SRAM provides fast access & cycle times, high data accuracy, ease of use, and unlimited read & write accessed by a high-speed SPI compatible bus. This Click board™ is suitable to store drive profiles, configurations, and similar data, or for applications such as medical devices, industrial automation (for example, motor control and robotics), smart metering systems, and many others.

SRAM 3 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	SRAM
Applications	Can be used to store drive profiles, configurations, and similar data, or for applications such as medical devices, industrial automation (for example, motor control and robotics), smart metering systems, and many others.
On-board modules	SRAM 3 Click is based on the ANV32AA1WDK66, a serial non-volatile SRAM with double memory architecture and SPI serial interface organized as 128k words of 8 bits each from Anvo-System Dresden.
Key Features	Low power consumption, high storage capacity, fast access & cycle times, high data accuracy, ease of use, and unlimited read & write accessed by a high-speed SPI compatible bus, 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

[SRAM 3 click 2D and 3D files](#)

[ANV32AA1WDK66 datasheet](#)

[SRAM 3 click example on Libstock](#)

[SRAM 3 click schematic](#)

[TXB0108 datasheet](#)

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