

SRAM 2 Click



PID: MIKROE-4178

SRAM 2 Click is based on [ANV32A62A](#) SRAM memory from [Anvo-Systems Dresden](#). It's a 64Kb serial SRAM with a non-volatile SONOS storage element included with each memory cell, organized as 8k words of 8 bits each. Communication is done by a I²C with up to 4 cascadable devices that can share the common bus. The serial nvSRAM provides the access and cycle times, easy to use and unlimited read and write endurance of a SRAM. This Click board™ can be easily used to store drive profiles, configurations and similar data, which are typically stored in a FLASH.

SRAM 2 Click board™ 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 | Workstations, Routers, Peripheral equipment, and other low-power applications |
| On-board modules | HSFPAR003A |
| Key Features | Unlimited READ and WRITE Cycles, 100-Year Non-volatile Data Retention, Hardware Write-Protect |
| Interface | I2C |
| 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 2 click 2D and 3D files](#)

[ANV32A62A datasheet](#)

[SRAM 2 click example on Libstock](#)

[SRAM 2 click schematic](#)

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