

Trust M Click



PID: MIKROE-4236

Trust M Click is trust anchor add-on board for advanced security combined with high performance for connected devices that address individual needs in the field of embedded authentication, brand protection and further security applications. Its based on SLS 32AIA010 [OPTIGA™ Trust M1](#) high-end security controller from [Infineon](#), that features advanced security controller with built-in tamper proof NVM for secure storage and Symmetric/Asymmetric crypto engines. The OPTIGA™ Trust M1 covers a broad range of use cases necessary for many types of applications that include Network node protection using Mutual Authentication such as TLS or DTLS, Protect the Authenticity, Integrity and Confidentiality of data and IP, Secure Communication and many more.

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	Encryption
Applications	Industrial control and automation, Consumer electronics and Smart Home, Medical devices and more
On-board modules	SLS 32AIA010
Key Features	Symmetric/Asymmetric crypto engines to support ECC 256/384, RSA® 1024/2048 and SHA-256
Interface	GPIO,I2C
ClickID	No
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V or 5V

Resources

[mikroBUS™](#)
[mikroSDK](#)
[Click board™ Catalog](#)
[Click boards™](#)

Downloads

[Trust M click 2D and 3D files](#)
[OPTIGA Trust M datasheet](#)
[Trust M click schematic](#)

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