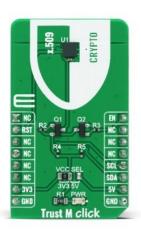


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## Trust M Click





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.





health and safety management system.



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## **Specifications**

Туре	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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