

Fingerprint 4 Click



PID: MIKROE-5465

Fingerprint 4 Click is an adapter Click board™ used to interface a compatible fingerprint sensor with the host MCU. This board features [FINGERPRINTS BM-Lite Module](#), a complete biometric fingerprint solution ready to be used out-of-the-box. The 100018754 combines superior biometric performance and a high standard of quality components to offer a comprehensive embedded solution for increased security and enhanced user convenience. It uses a 3D pixel sensing technology that can read virtually any finger, dry or wet, alongside simple serial commands with a configurable communication interface to enroll and verify. Its protective coating helps in protection against ESD, scratches, impact, and everyday wear and tear. This Click board™ is suitable for demanding industrial conditions and all-weather applications.

Fingerprint 4 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	Fingerprint
Applications	Can be used for demanding industrial conditions and all-weather applications
On-board modules	BM-Lite module (100018754) - compact biometric fingerprint solution from Fingerprints
Key Features	Out-of-the-box solution, superior performance, high component standard, increased security and user convenience, 3D pixel sensing technology, configurable interface, and more
Interface	SPI,UART
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V

Resources

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

Downloads

[Fingerprint 4 click example on Libstock](#)
[BM-Lite module datasheet](#)
[Fingerprint 4 click 2D and 3D files](#)
[Fingerprint 4 click schematic](#)

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