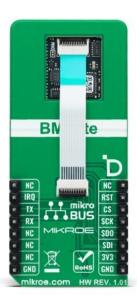
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Fingerprint 4 Click





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 <u>Click board™</u> 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

health and safety management system.

management system.









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Specifications

Туре	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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