

Barcode 2 Click



PID: MIKROE-4195

Barcode 2 Click is a compact add-on board that contains a computerized image recognition system that is compliant with a wide range of different 1D and 2D barcode protocols. This board features the EM3080-W, a barcode decoder chip that delivers superior performance and solid reliability with low power consumption from Newland Auto-ID Tech. Co., Ltd. Featuring excellent near-field reading, wide-viewing angle, and snappy reading, the EM3080-W also offer stunning performance on decoding poor-quality and damaged barcodes which brings greater efficiency and convenience in barcode scanning. This Click board™ represents an ideal solution for both emerging mobile phone-based barcode applications, like coupons, e-tickets and boarding passes, and traditional applications.

Barcode 2 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	Miscellaneous
Applications	Can be used for a for both emerging mobile phone-based barcode applications, like coupons, e-tickets and boarding passes, and traditional applications.
On-board modules	Barcode 2 Click is based on the EM3080-W, a barcode decoder chip that delivers superior performance and solid reliability with low power consumption from Newland Auto-ID Tech.
Key Features	Low power consumption, high reliability, quickly scan, excellent near-field reading, wide-viewing angle, and more.
Interface	UART,USB
ClickID	No
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	5V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

Downloads

[Barcode 2 click example on Libstock](#)

[TLV700 datasheet](#)

[EM3080-W datasheet](#)

[Barcode 2 click 2D and 3D files](#)

[Barcode 2 click schematic](#)

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).