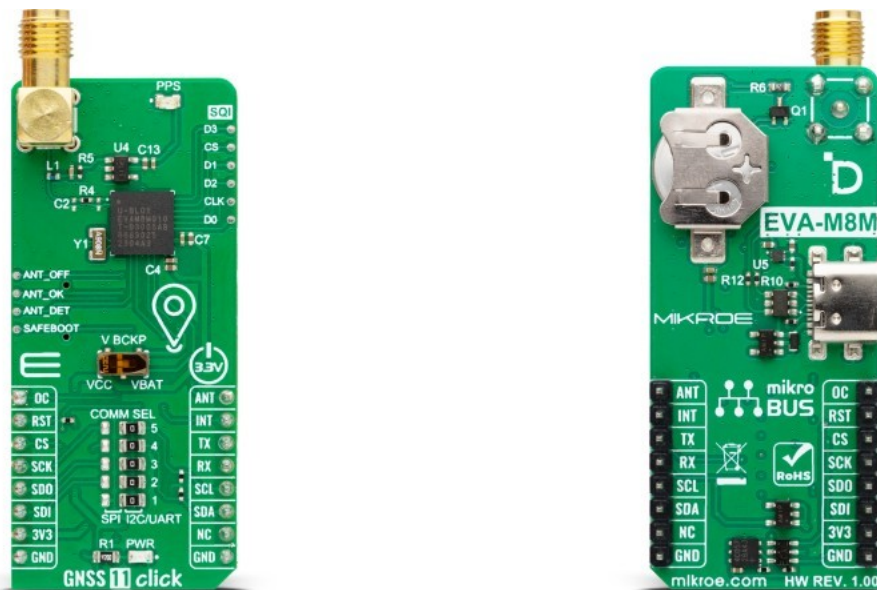


GNSS 11 Click



PID: MIKROE-5902

GNSS 11 Click is a compact add-on board that provides fast positioning capability. This board features the [EVA-M8M](#), a concurrent GNSS module from [u-blox](#). The module provides a reception of GPS, GLONASS, Galileo, QZSS, SBAS, and BeiDou. It delivers high sensitivity and minimal acquisition times, with concurrent reception of up to three GNSS, achieved by a dual-frequency RF front-end architecture. This Click board™ makes the perfect solution for the development of both acquisition and tracking devices and represents an ideal product for automotive, consumer, and industrial tracking applications.

GNSS 11 Click is fully compatible with the mikroBUS™ socket and can be used on any host system supporting the [mikroBUS™](#) standard. It comes with the [mikroSDK](#) open-source libraries, offering unparalleled flexibility for evaluation and customization. What sets GNSS 11 Click apart is the groundbreaking [ClickID](#) feature, enabling your host system to seamlessly and automatically detect and identify this add-on board.

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	GPS/GNSS
Applications	Can be used for the development of both acquisition and tracking devices and represents an ideal product for automotive, consumer, and industrial tracking applications
On-board modules	EVA-M8M - concurrent GNSS module from u-blox
Key Features	Standard precision GNSS, supports GPS/QZSS, GLONASS, Galileo, and BeiDou, three maximal concurrent GNSS, supports UART, SPI, and DDC (I2C compatible) interfaces, programmable flash, data logging, SQI flash as an option, antenna management, and more
Interface	I2C,SPI,UART,USB
ClickID	Yes
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V,External

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

[ClickID](#)

Downloads

[TPS2041B datasheet](#)

[MIC5528 datasheet](#)

[MAX40200 datasheet](#)

[EVA-M8M-0 datasheet](#)

[GNSS 11 click 2D and 3D files](#)

[GNSS 11 click schematic](#)

[GNSS 11 click example on Libstock](#)

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).