

## GNSS 7 Click



PID: MIKROE-3922

Determine your current position with GNSS 7 click. It carries the NEO-M9N GNSS receiver module from u-blox. Thanks to u-blox's advanced algorithms and complete GNSS solution, the GNSS 7 click meets even the most stringent requirements in versatile industrial and consumer applications, such as UAVs, vehicles and assets tracking, navigation devices based on GPS, GLONASS, Beidou and Galileo, road navigation devices, public transport, wearable devices, and many more.

GNSS 7 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	GPS/GNSS
Applications	Asset tracking, for navigation devices based on GPS and GLONASS, road navigation devices, public transport, wearable devices, etc.
On-board modules	The NEO-M9N GNSS receiver module from u-blox with Active antenna
Key Features	NEO-M9 series utilizes concurrent reception of up to four GNSS (GPS, GLONASS, BeiDou, Galileo)
Interface	GPIO,I2C,SPI,UART,USB
ClickID	Manifest,No
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

[GNSS 7 click 2D and 3D files](#)

[GNSS 7 Click schematic](#)

[NEO-M9N datasheet](#)

[GNSS 7 click example on Libstock](#)

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