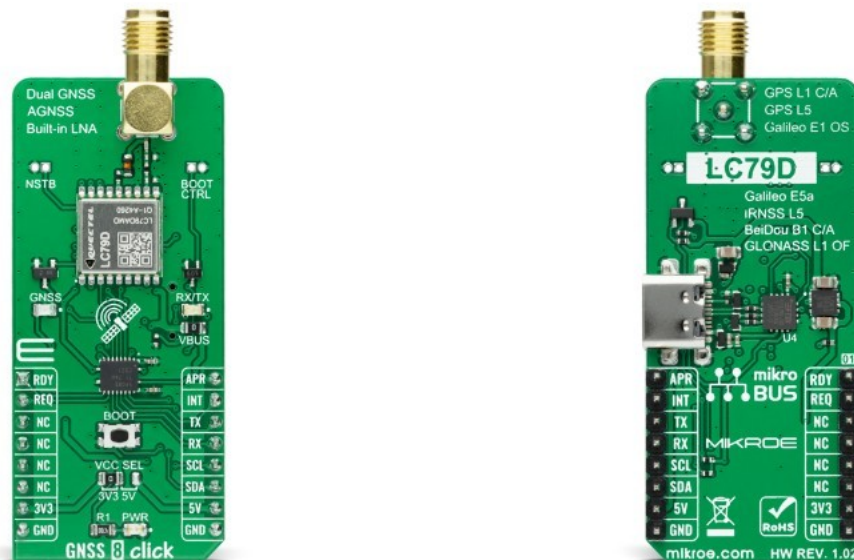


GNSS 8 Click



PID: MIKROE-4673

GNSS 8 Click is a compact add-on board that provides fast positioning capability. This board features the LC79DA, a high-performance dual-band and multi-constellation GNSS module from Quectel Wireless Solutions. It supports L1 and L5 bands for GPS, Galileo, and QZSS, L1 band for GLONASS and BeiDou, as well as L5 band for IRNSS. This version of the LC79D module supports a standalone mode, has a built-in flash, and boots firmware from the flash to work independently. It also can achieve a high industrial level of sensitivity and accuracy with the lowest power consumption. This Click board™ is suitable for both acquisition and tracking and represents an ideal product for automotive, consumer, and industrial tracking applications.

GNSS 8 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	Can be used for both acquisition and tracking and represents an ideal product for automotive, consumer, and industrial tracking applications
On-board modules	LC79DA - high-performance dual-band and multi-constellation GNSS module from Quectel Wireless Solutions
Key Features	Multi-GNSS engine for GPS, GLONASS, IRNSS, BeiDou, Galileo and QZSS, support dual GNSS bands (L1, L5), built-in LNA for better sensitivity, low power consumption, high performance, and more
Interface	I2C,UART,USB
ClickID	No
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V or 5V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

Downloads

[FT230X datasheet](#)

[TXS0108E datasheet](#)

[LT1965 datasheet](#)

[LC79DA datasheet](#)

[GNSS 8 click 2D and 3D files](#)

[GNSS 8 click schematic](#)

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