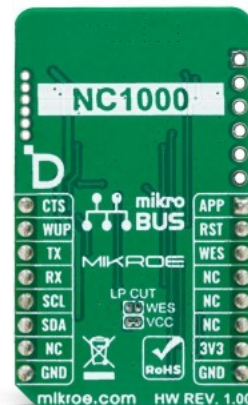


NeoMesh Click - 915MHz



PID: MIKROE-6007

NeoMesh Click - 915MHz is a compact add-on board with a low-power, long-range transceiver, ideal for Mesh wireless networking. This board features the [NC1000C-9](#), a wireless Mesh network module from NeoCortec. With an additional antenna that MikroE offers connected to the module's u.FI connector, you can create a fully functional wireless Mesh network node that will work in the Sub-GHz frequency band of 915MHz. The module has a generic application layer that can be configured to suit applications. This Click board™ makes the perfect solution for the development of wireless sensor networks, automatic meter reading, advanced metering architecture, industrial automation, agricultural and forest monitoring, and more.

NeoMesh Click - 915MHz 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 this Click board™ 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	Sub-1 GHz Transceivers
Applications	Can be used for the development of wireless sensor networks, automatic meter reading, advanced metering architecture, industrial automation, agricultural and forest monitoring, and more
On-board modules	NC1000C-9 - wireless Mesh network module from NeoCortec
Key Features	Full system in module, fully functional wireless Mesh network node, generic application layer which can be configured to suit product needs, NeoMesh protocol stack optimized for ultra-low power and reliability, and more
Interface	I2C,UART
ClickID	Yes
Compatibility	mikroBUS™
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

[ClickID](#)

Downloads

[NC1000 datasheet](#)

[NeoMesh Click - 915MHz 2D and 3D files](#)

[NeoMesh Click - 915MHz schematic](#)

[NeoMesh Click - 915MHz example on Libstock](#)

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