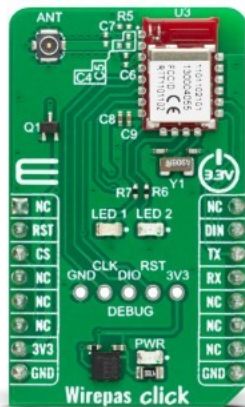# Wirepas Click

PID: MIKROE-5874

Wirepas Click is a compact add-on board that allows you to implement the Wirepas Mesh wireless connectivity stack to your application. This board features the WIRL-PRO2 Thetis-I (2611011021010), a radio module with Wirepas Mesh Protocol from Würth Elektronik. It supports creating a Wirepas routing mesh protocol and is optimized for ultra-low energy consumption. The large scalability is ideal for extensive IoT networks and can work as a host-controlled device. This Click board™ makes the perfect solution for developing long-life battery drive IoT networks, supply chains, asset tracking, smart lighting, smart metering, and more.

Wirepas 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.

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Specifications

Type	2.4 GHz Transceivers
Applications	Can be used for developing long-life battery drive IoT networks, supply chains, asset tracking, smart lighting, smart metering, and more
On-board modules	WIRL-PRO2 Thetis-I - radio module with Wirepas Mesh Protocol from Würth Elektronik
Key Features	Wirepas module, Wirepas routing mesh protocol optimized for ultra-low energy consumption, high scalability is ideal for large IoT networks, low-energy and low-latency modus, remote nodes' configuration, printed or external antenna, and more
Interface	UART
ClickID	Yes
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

[Wirepas click example on Libstock](#)

[WIRL-PRO2 datasheet](#)

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

[Wirepas click schematic](#)