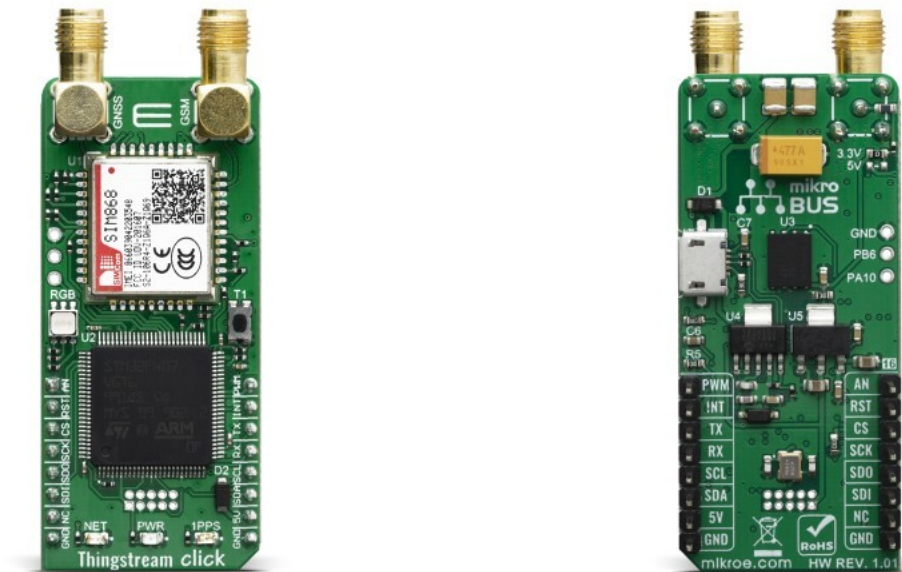


Thingstream Click



PID: MIKROE-3739

Thingstream Click is an IoT gateway Click board™ with the Thingstream client SDK preinstalled. This enables the device to connect to the Thingstream global MQTT network and connectivity tools straight out of the box. Global connectivity is achieved by connecting to the strongest GSM network available across over 600 networks worldwide. This Click board™ makes it easy to bring Thingstream connectivity to embedded computers and MCUs by simply utilising the UART interface; this can be configured and managed using a minimal set of well-documented AT commands.

Thingstream 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,Cloud Routers
Applications	A global connectivity solution for easy development of powerful MQTT-based intelligent IoT applications
On-board modules	SIM868, 802.11b/g/n quad-band GPS/GLONASS/GSM location tracking and mobile communication module STM32F407VGT6 - ARM® Cortex®-M4 based Microcontroller from STMicroelectronics
Key Features	Enables easy and fast connectivity between device and cloud applications, low power mode, simple serial interface for communication, GSM connection with coverage for over 190 countries, across 600+ networks worldwide
Interface	I2C,UART,SPI,GPIO
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	5V

Resources

[mikroBUS™ Standard specification](#)

[LibStock: mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™ Standard Page](#)

Downloads

[Thingstream click example on Libstock](#)

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

[Thingstream click schematic](#)

[Thingstream click AT command](#)

[Thingstream click User Manual](#)

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