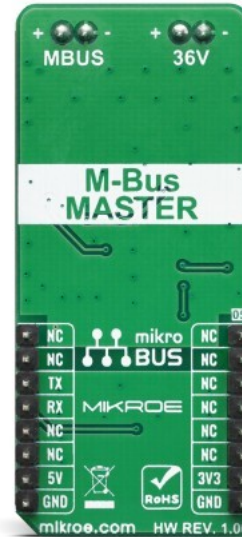


M-Bus Master Click



PID: MIKROE-3880

The **M-Bus Master** is a Click board™ is complete solution for a master node in M-Bus networks. The M-Bus ("Meter-Bus") is a new European standard for remote reading of heat meters and it is also usable for all other types of consumption meters as well as for various sensors and actuators. Given all the features these elements offer, the M-Bus Master click can be used for low cost applications, and low voltage, MCU based, single supply applications.

The M-Bus Master 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	RS232
Applications	Remote sensor reading, remote control over M-Bus, smart house
On-board modules	MC33072ADR2G, a monolithic operational amplifier from ON Semiconductor
Key Features	Galvanically isolated, Master node
Interface	UART
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

[M-Bus Master click example on Libstock](#)

[M-Bus Master click 2D and 3D files](#)

[MC33072ADR2G datasheets](#)

[VOM452 datasheets](#)

[M-Bus Master click schematic](#)

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