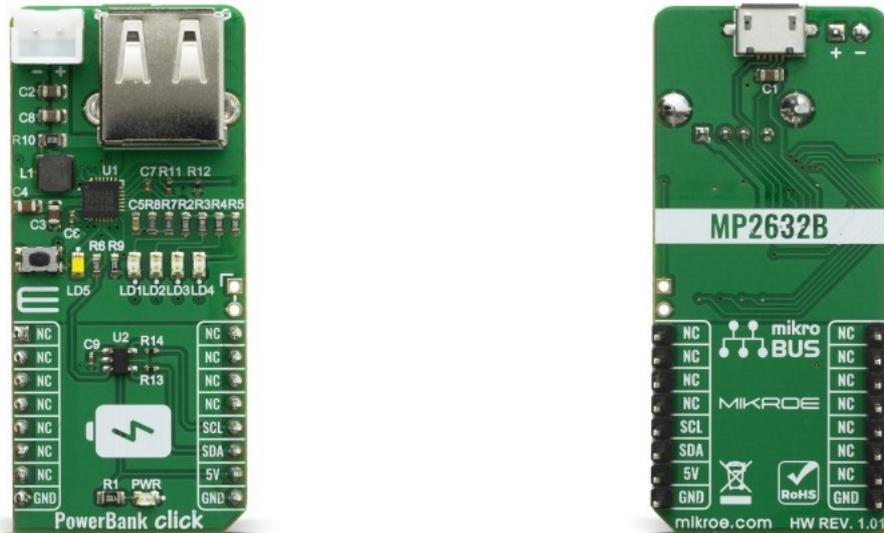


PowerBank Click



PID: MIKROE-4082

The **PowerBank Click** is a Click board™ equipped with the MP2632B, highly integrated, flexible, switch-mode battery charger with system power-path management designed for single-cell Li-ion or Li-polymer batteries. This Click board™ can supply power from the connected battery through a USB port as well as charge the battery. Power banks are popular for charging USB charged devices and can be used as a power supply for various USB powered devices such as lights and small fans.

PowerBank 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	Battery charger
Applications	Battery Charger Applications, Power-Bank Applications for Smartphones, Tablets and Other Portable Devices
On-board modules	MP2632B switch-mode battery charger
Key Features	Switch-mode battery charger with system power-path management designed for single-cell Li-ion or Li-polymer batteries
Interface	I2C
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

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

[MCP3221 datasheet](#)

[MP2632B datasheet](#)

[PowerBank click example on Libstock](#)

[PowerBank click schematic](#)

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