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PowerBank 2 Click

PID: MIKROE-4116

The **PowerBank 2 Click** is a Click board™ equipped with the RT9480, highly integrated and easy to use power solution for Li-ion power bank and other powered handheld applications. It's usually called EZPBS (Easy to Use PowerBank Solution). This single chip includes a linear charger, a synchronous Boost with dual output load management and a torch function support. The battery volume and the state of charging and discharging can be indicated by 4 LEDs.

PowerBank 2 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	Battery charger
Applications	Sub-Battery Applications, Power-Bank Applications for Smartphones, Tablets and Other Portable Devices
On-board modules	RT9480
Key Features	Power solution for Li-ion power bank and other powered handheld applications, a synchronous Boost with dual output load management and a torch function support, designed for single-cell Li-ion or Li-polymer batteries
Interface	I2C
ClickID	No
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	5V

Resources

mikroBUS™

mikroSDK

Click board™ Catalog

Click Boards™

Downloads

PowerBank 2 click 2D and 3D files

PowerBank 2 click example on Libstock

RT9480 datasheet

PowerBank 2 click schematic