

## Charger 26 Click



PID: MIKROE-5882

**Charger 26 Click** is a compact add-on board that provides a single-cell charging solution. This board features the MAX1811, a USB-powered Li+ charger from Analog Devices. The charger uses an internal FET to deliver the battery up to 500mA charging current. It has pre-conditioning that soft-starts a near-dead battery cell before charging. The other safety features include continuous monitoring of voltage and current and initial checking for fault conditions before charging. This Click board™ makes the perfect solution for the development of PDAs, digital still cameras, MP3 players, cell phones, hand-held devices, and more.

Charger 26 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	Can be used for the development of PDAs, digital still cameras, MP3 players, cell phones, hand-held devices, and more
On-board modules	MAX1811 - USB-powered Li+ charger from Analog Devices
Key Features	Charges single-cell Li+ batteries directly from the USB C connector, or over the 5V rail of the mikroBUS™ socket, high overall charging accuracy, selectable charging current and voltage, charging indicator, soft start of near-dead battery, checking for fault conditions, and more
Interface	GPIO
ClickID	Yes
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V or 5V, External

## Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

[ClickID](#)

## Downloads

[Charger 26 click example on Libstock](#)

[MAX1811 datasheet](#)

[Charger 26 click schematic](#)

[Charger 26 click 2D and 3D files](#)

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