

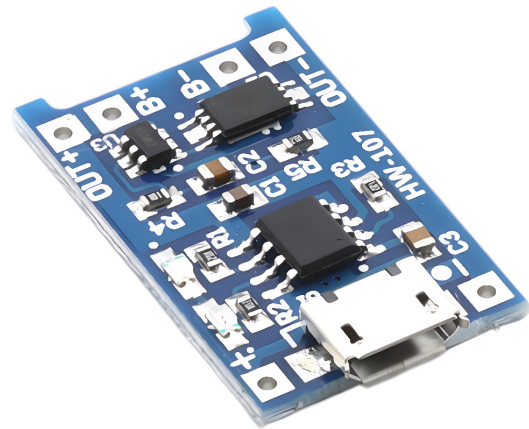
Micro USB charging module for Li-pol and 18650 batteries, 5V DC, 1A

Product codes:

Reference: AM5683

EAN13: -

UPC: -



Product features:

Input voltage: 5 V DC

Max. current: 1 A

Product attributes:

Product description:

The compact charging module with TP4056 chip allows safe charging of 18650 Li-Ion cells and other 3.7V (4.2V) Li-Ion/Li-Pol batteries. It contains integrated protection against overcharge, undercharge and overcurrent, making it an ideal solution for power banks, DIY projects, solar systems or any single-cell Li-Ion applications.

Technical specifications

- Input connector: MicroUSB
- Input voltage: 5V DC
- Charging chip: TP4056
- Charging current: max. 1000 mA (1A)
- Cut-off voltage: 4.2 V \pm 1%
- Undervoltage protection: 2.5 V
- Overcurrent protection: 3 A
- Output terminals: B+ / B- (battery), OUT+ / OUT- (load)
- Charging indication: red LED (charging), green LED (full)
- Dimensions: 28 × 17 mm
- Weight: 3g
- Protection: IP20 (without cover, intended for dry environments)

Functions and features

- Safe charging of single-cell Li-Ion batteries with all protective functions.
- Possibility of power supply via MicroUSB from a regular USB charger.
- Separate terminals for battery and output for powering the load.
- Protection against overcharge, underdischarge and short circuit.
- Very small dimensions suitable for compact projects.

Ideal for

- Power banks and portable devices.
- DIY Li-Ion battery projects.
- Solar charging systems.
- Electronic modules powered by 18650 cell.

Package contents

- 1× TP4056 MicroUSB charging module with protection

Why choose this product?

- Safe battery protection including overcurrent and undervoltage.
- High reliability of the TP4056 chip.
- Simple connection via MicroUSB.
- Compact size for a wide range of uses.

Product gallery:

