

BN 2144976

DC-DC Boost Module / (2.5 V - 5 V) 600 mA - USB 5 V

EN Quick Instructions

Version: 1

Delivery Content

- Product

Description

The product is a 5V Output Boost Regulator (step-up regulator) with a standard USB socket. It accepts input voltages from 0.9 to 5 V/DC.

Features

- On-board CE8301 chip
- PFM Control DC-DC Converter
- Input voltage: 0.9 - 5 V/DC
- Output voltage: 5 V/DC
- USB port (type A)
- LED operation indicator light
- LED indicator light for connected load

Development Resources

Development resources and additional product information are available from:



<https://www.conrad.de/>

Example Application

Some example applications are listed below:

- Single cell battery-operated devices
- Single cell (AA, AAA size) phone battery charger
- Solar charger

Specifications

Input voltage	0.9 - 5 V/DC
Output voltage	5 V/DC
Transfer efficiency (max.)	96 %
Dimensions (approx.)	34 x 15 x 7 mm
Weight (approx.)	13 g

Disposal



Electronic devices are recyclable waste and must not be disposed of in the household waste.

At the end of its service life, dispose of the product in accordance with applicable regulatory guidelines.

You thus fulfill your statutory obligations and contribute to the protection of the environment.

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