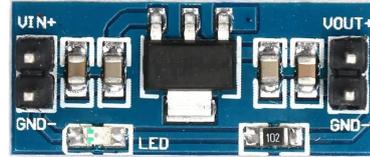# AMS1117 stabilizer module on PCB

Reference: AM5271
EAN13: -
HS code: 85429000

Product attributes:

Tension: 1,2 V DC, 1,5 V DC, 1,8 V DC, 2,5 V DC, 3,3 V DC, 5 V DC

Product features:

Waterproof grade: IP20
Inverter type: Buck (step-down)

Product description:

The compact module with the AMS1117 regulator is used to stabilize voltage in projects with microcontrollers such as Arduino or Raspberry Pi. It allows you to easily reduce the input voltage to fixed output values (1.2 V, 1.5 V, 1.8 V, 2.5 V, 3.3 V or 5 V). Ideal for powering logic circuits, sensors or other low-voltage components.

Technical specifications

- Input voltage: DC (Vout + 1.45 V) to 12 V (e.g. for 5 V output, min. 6.5 V at the input is required)
- Output voltage: 1.2 V / 1.5 V / 1.8 V / 2.5 V / 3.3 V / 5 V (depending on version)
- Maximum output current: 800 mA
- PCB dimensions: 25 × 11 mm
- Mounting: 2 mounting holes for fixed mounting on the board
- Connectors: 2P single row pins for easy wiring (input and output)
- Power indication: LED indicator (red)

Functions and features

- Stabilizes voltage and protects sensitive components from surges
- High efficiency and low losses when powered from higher voltage
- Compact dimensions suitable for installation in small projects
- Compatible with Arduino, ESP8266, Raspberry Pi and other microcontrollers

Ideal for

- Power supply for low-voltage sensors and modules
- DIY projects and electronics development
- Voltage stabilization from batteries or adapters
- Laboratory and school electronics projects

Package contents

- 1 × DC-DC module AMS1117 (depending on the selected version)

Why choose this product?

- Reliable and proven voltage stabilizer AMS1117
- Easy to use in breadboards and soldered prototype boards
- Available in several voltage options for different purposes
- Excellent price/performance ratio for amateur and professional projects