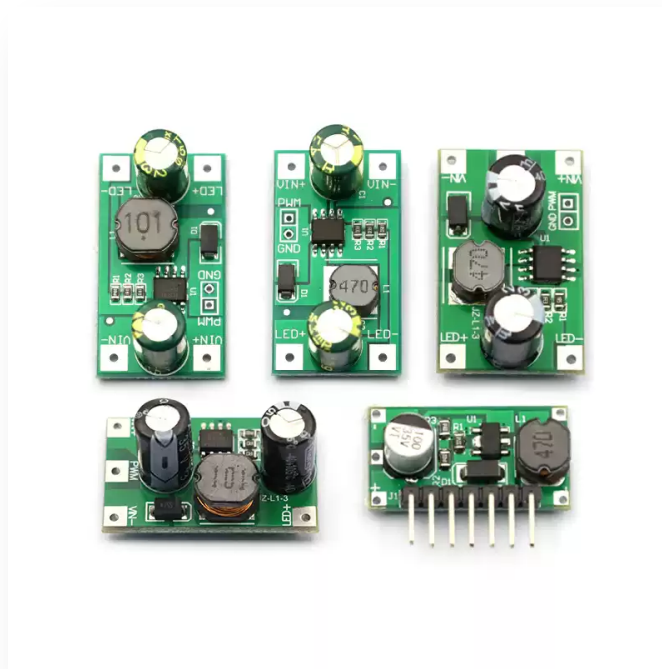


1 W / 3 W PWM Constant-Current LED Driver Family

Wide-input DC-DC LED drivers with 350 mA / 700 mA output options



Product Overview

A compact power-electronics module documented from the supplied archived product page. The specifications below separate confirmed ratings from operating guidance and identify the exact module variant where the source page contains multiple options.

Electrical and Mechanical Specifications

Parameter	Value
Conversion type	DC-DC constant-current LED driver
Input voltage	5-35 VDC
LED power variants	1 W and 3 W
Output-current variants	350 mA and 700 mA
Dimming input	PWM control
Minimum PWM low interval	0.7 ms
3 W dimmer dimensions	Approximately 25.6 × 13.5 mm
Pin-header height	Approximately 7 mm

Key Features

- Precision constant-current regulation
- 5-35 V wide input range
- PWM brightness control
- Compact 1 W and 3 W module options

Operating Notes

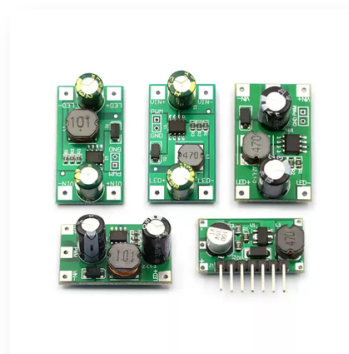
- Choose the module current to match the LED rating.
- PWM duty cycle controls the average LED current; keep the low interval at or above 0.7 ms.
- Use a PWM frequency outside the audible range if acoustic noise is undesirable.

Application and Connection Guide

APPLICATION & CONNECTION

DC POWER INPUT

5-35 VDC



POWER LED

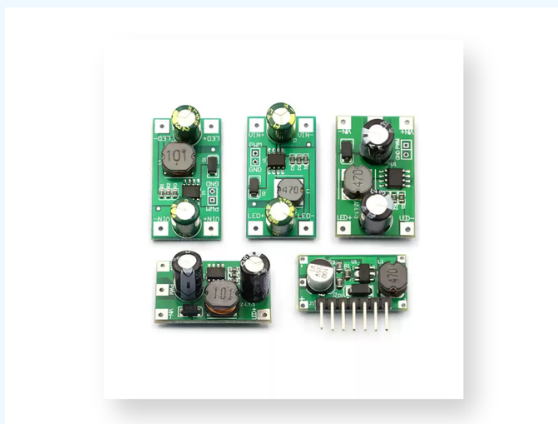
350 / 700 mA

Verify polarity and configure voltage/current before connecting the load.

Connection Sequence

1. Confirm the input source is within the stated range. 2. Verify input and output polarity. 3. Configure voltage and current limits with the load disconnected. 4. Connect the load or battery. 5. Monitor temperature during initial operation.

KEY PRODUCT ADVANTAGES



1

Precision constant-current regulation

2

5-35 V wide input range

3

PWM brightness control

4

Compact 1 W and 3 W module options