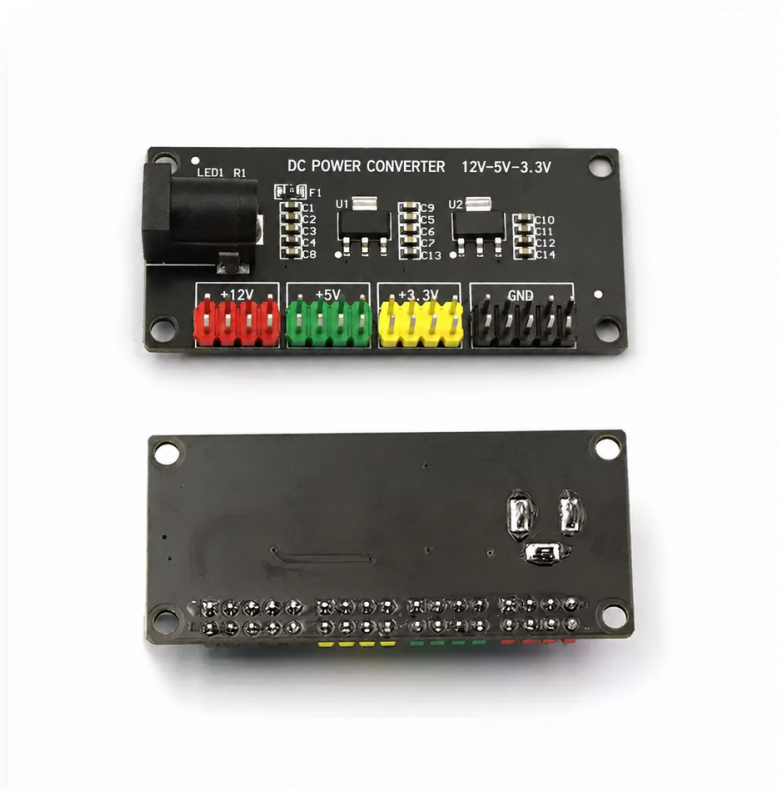


12 V Multi-Output DC Power Converter Module

Compact 12 V to 3.3 V / 5 V / 12 V distribution board



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
Input voltage	6-12 VDC; input must be at least 1 V above regulated outputs
Output rails	3.3 V, 5 V and pass-through 12 V
3.3 V accuracy	+0.2 V tolerance stated by source
5 V accuracy	+0.2 V tolerance stated by source
Maximum regulated-load current	800 mA per stated regulated output
Input connector	5.5 x 2.1 mm DC barrel jack
Output interface	Color-coded 2.54 mm pin headers
Power indication	Red LED
PCB dimensions	Approximately 59.5 x 26.5 mm
Mounting-hole diameter	Approximately 3 mm

Key Features

- Simultaneous 3.3 V / 5 V / 12 V rails
- Color-coded output headers
- Barrel-jack power input
- Compact dual-sided PCB design

Operating Notes

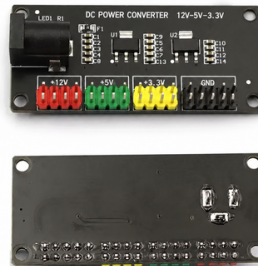
- The 12 V rail is direct pass-through and follows the applied input.
- Do not exceed 800 mA on a regulated output.
- Verify the selected rail and ground header before connecting electronics.

Application and Connection Guide

APPLICATION & CONNECTION

6-12 V DC INPUT

Barrel connector



MULTI-RAIL LOADS

3.3 / 5 / 12 V

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 Simultaneous 3.3 V / 5 V / 12 V rails

2 Color-coded output headers

3 Barrel-jack power input

4 Compact dual-sided PCB design