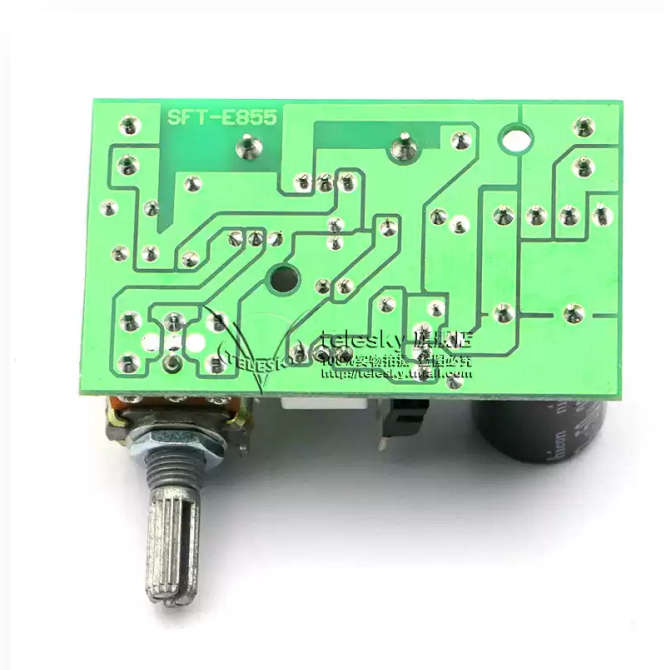


LM317 1.5 A Adjustable Linear Regulator Board

Protected 1.25-37 V continuously adjustable DC supply



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
Regulator	LM317 adjustable linear regulator
Input voltage	Up to 40 VDC, subject to output and dissipation limits
Adjustable output	1.25-37 VDC
Maximum output current	1.5 A
Adjustment	Panel-mount rotary potentiometer
Protection	Regulator thermal and current-limit protection
Cooling	Integrated aluminum heatsink
Connections	Input and output screw terminals

Key Features

- Continuous 1.25-37 V adjustment
- Up to 1.5 A output
- Convenient rotary control
- Integrated heatsink and protection

Operating Notes

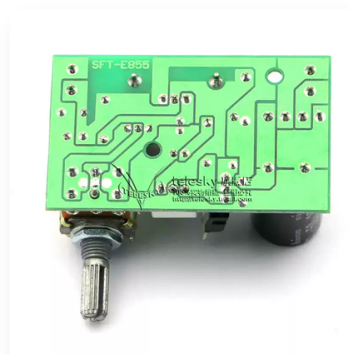
- This is a linear regulator; excess voltage is dissipated as heat.
- Input must exceed output by the required dropout margin.
- Reduce current substantially at high input-to-output voltage difference.

Application and Connection Guide

APPLICATION & CONNECTION

DC INPUT

Above selected output



ADJUSTABLE LOAD

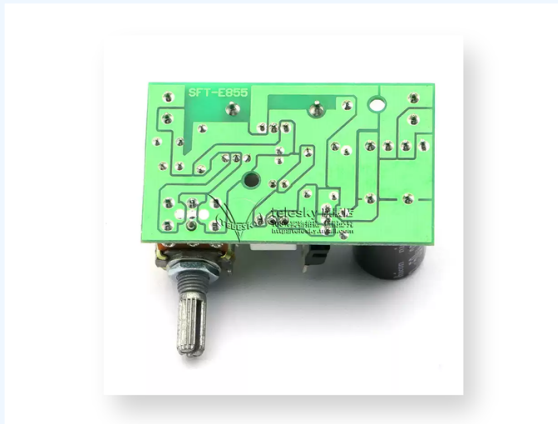
1.25-37 VDC

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 **Continuous 1.25-37 V adjustment**
- 2 **Up to 1.5 A output**
- 3 **Convenient rotary control**
- 4 **Integrated heatsink and protection**