

LM317 DC-DC Step Down Converter Module



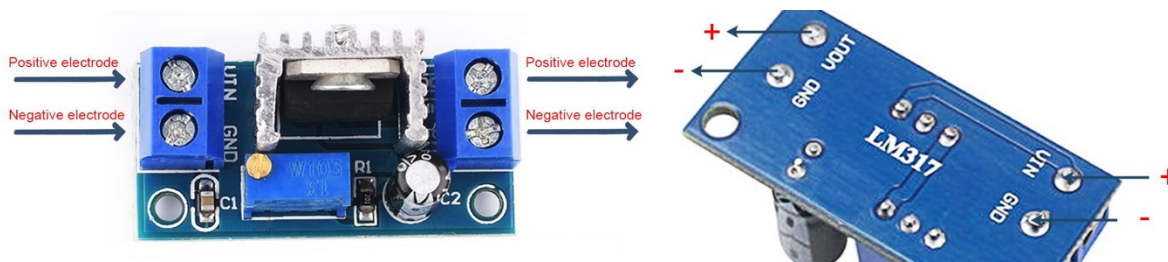
Features:

The LM317 DC-DC Step Down Converter Module uses the LM317 linear regulator IC to provide precise, adjustable voltage from 1.25V to 37V with currents up to 1.5A. Its built-in thermal and current protection ensures reliable operation, and the on-board multi-turn potentiometer allows fine-tuning of the output voltage. Compact screw terminal connections provide easy integration into battery-powered or low-noise electronics projects. Linear regulation ensures minimal output ripple, making the module suitable for portable devices, lab power supplies, and other sensitive electronics.

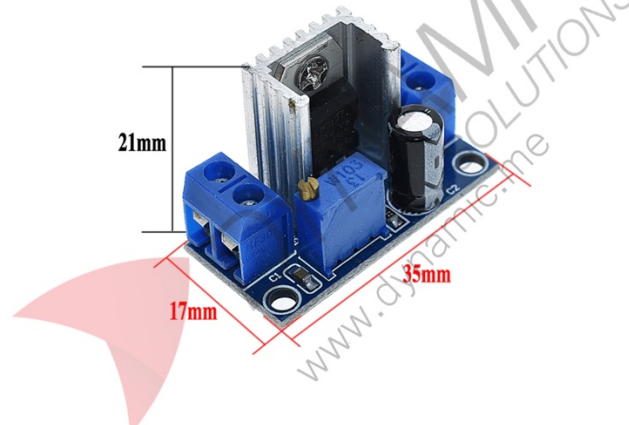
Specifications	
Input Voltage	4.5–40V DC
Output Voltage	1.25–37V DC (adjustable)
Output Current	0.01–1.5A (typ), 2.2A peak
Input-Output Differential	3V min, 40V max
Characteristic Frequency	100 MHz
Operating Temperature	0°C ~ 125°C
Module Size	35 × 17 × 23 mm
Mounting Hole Distance	30 mm
Input Method	VIN positive, GND negative
Output Method	VOOUT positive, GND negative
Usage	Battery-powered devices, portable electronics, low-noise circuits

Pinouts:

Pin Name	Type	Description
VIN	Input	Positive input voltage
GND	Input	Negative input (ground)
VOOUT	Output	Positive output voltage
GND	Output	Negative output (ground)



Product Dimensions:



Product Pictures:

