

We are a manufacturer for power solution and business in Hong Kong and some of Asia Countries.

Now, we are introducing our business Worldwide through eBay's perform.

This item for 1pieces of Brand new Adjustable DC-DC Step-up Converter

Easy installation

Wide range of input 3.0-33.5v

Stable & High efficient up to 92%

Powerful max.3A / Adjustable output 4.5-35v

Max. input up to 35v and output up to 35v

USD \$6.99

Flat Rate of Worldwide Delivery for USD \$4.5

Condition: 100% Brand New

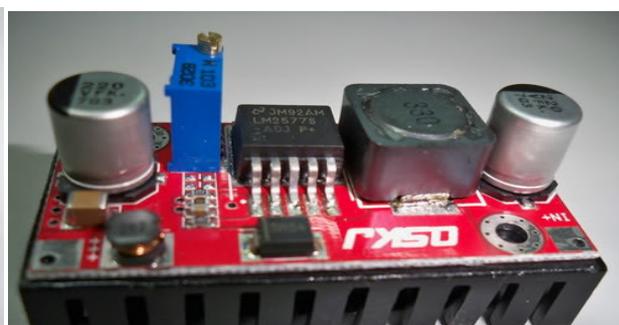
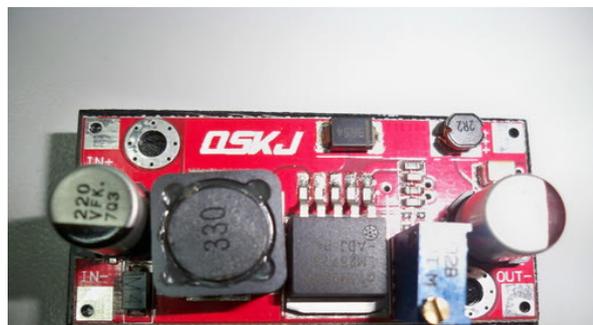
Item Description:

Simple Switching Type Step-Up Voltage Regulator Module. Based on LM2577-ADJ IC

The LM2577 is monolithic integrated circuits that provide all of the power and control functions for step-up (boost), flyback, and forward converter switching regulators.

Requiring a minimum number of external components, this regulators is cost effective, and simple to use.

Included on the chip is a 3.0A NPN switch and its associated protection circuitry, consisting of current and thermal limiting, and undervoltage lockout. Other features include a 52 kHz fixed-frequency oscillator that requires no external components, a soft start mode to reduce in-rush current during start-up, and current mode control for improved rejection of input voltage and output load transients.



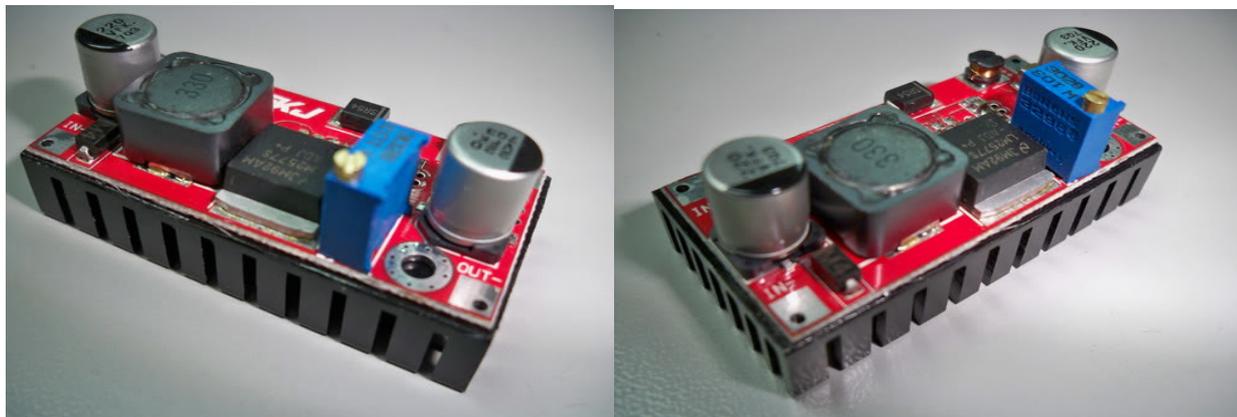


Application:

Simple boost regulator
Flyback and forward regulators
Multiple-output regulator

Specifications:

Dimension: 48 (L) * 23 (W) * 13 (H) mm (with potentiometer)
 Input voltage: DC 3.0 - 33.5V
 Output Voltage: DC 4.5 - 35.0V (adjustable, O/P Voltage > I/P Voltage by 1.5V)
 Output current: Rated current 2.5A, maximum 3A (Additional heat sink is required),
 Output Power: Natural cooling 15W, Max 25W = = Input Voltage 3A efficiency%
 Minimum Voltage difference: 2V
 Conversion efficiency: Up to 92% (O/P voltage higher, the higher the efficiency)
 Switching Frequency: 52KHz
 Potentiometer adjustment direction: Clockwise (increase), Anti-clockwise (decrease)
 Module Properties: Non-isolated step-up / Boost charge module
 Standby Current: Typical 15mA (5V to 12V)
 Input Reverse protection: None
 Short circuit protection: None
 Operating temperature: Industrial grade (-40 °C to +85 °C) (ambient temperature exceeds 40°C, lower power use, or to enhance heat dissipation)
 Full load temperature rise: 45 °C
 Load regulation: ± 0.5%
 Voltage regulation: ± 0.5%
 Dynamic response speed: 5% 200uS
 Connection mode: Welded, plus pin can be directly soldered PCB.
 Output ripple: 20M Bandwidth, 0.06mV (MAX)



Measurement table, only for reference:

Input	Output	Efficiency	Input	Output	Efficiency
3.7V	5.0V	81%	12V	16V	90%
5.0V	12V	84%	12V	19V	91%
7.4V	12V	90%	12V	19V	92%
7.4V	12V	88%	12V	24V	89%
12V	16V	92%	12V	24V	88%

Package include :

1 x LM2577 DC-DC Step Down Converter
 1x Heat-sink (pre-installed, size 50x25x10mm, material is Aluminum)
 (Delivery with seated metal pack)

Our products are great for outdoor environment and widely used in automotive, posts and telecommunications, communications, electricity, coal, aerospace, defense, surveillance systems, railway signals, medical equipment, instruments and meters, LED displays, cable TV and other fields.

We have other custom made specification if you can not find a suitable model from our TCH Warehouse Store, please contact our product engineer through eBay email.

Payment

Paypal only (Easy registration of Paypal account if you have not this Free / Secure payment tool). Please ensure your address is correct while you leave and Paypal. We will only follow your address listed in the Paypal payment for the shipment. We have no responsibility for shipping address provided. Due to the secure reasons, we are not allowed the address change through email. Payment must be received 3 days after the auction ended. Please do not bid if you are not intend to buy. Unpaid dispute & the negative feedback will be filed to eBay for the nonpayable bidders. Money back will give after the return item is received. Shipping and handing cost will not be refunded .

This fee does Not include VAT/TAX fees. It is the bidder's responsibility to thoroughly understand and accept any import fees. We have can't control over these fees. But I will try my best to reduce the VAT/TAX.!

SHIPPING

- We ship worldwide.
- Item will be shipped within 2 business days (parcel will marked as 'GIFT').
- We are not responsible for uninsured parcel lost / item damaged in transit.
- Delivery time is around 7-12 business days to most countries:
 - 5-10 days to United Kingdom
 - 6-10 days to Australia
 - 8-14 days to USA / Canada
 - 10-14 days to most countries in Europe
 - 3-4 weeks to Italy
- Additional charge for worldwide express through EMS, please notice in advance for the arrangement.

Terms of sale

100% Satisfaction Guarantee / Money Back Guarantee

. We offer a 30 days money back guarantee. We will take back any products with which you are not completely satisfied within the 30 days from the date of our purchase. All returned products MUST be in new, resalable condition and include original packaging. All manuals, registration cards and accessories MUST be included. We will promptly refund your purchase price. NO question asked. SHIPPING IS NOT REFUNDABLE. CUSTOMER PAYS ALL RETURN SHIPPING . We do not pay for return shipping, nor do we refund promotional shipping.
. Once returned items are received, credit will be issued to the original credit card used for the purchase. Outbound shipping (including promotional shipping) and return shipping costs will not be refunded.

Feedback Policy

We maintain high standards of excellence and strive for 100% customer satisfaction! Feedback is very important to us. We request that you contact us immediately BEFORE you give us neutral or negative feedback, so that we can satisfactorily address your concerns.

It is impossible to address issues if we do not know about them!