DROK LTC1871 3.5V-30V DC Boost Converter Power Transformer Voltage Regulator 5V 12V Step Up Volt Module Power Supply Board for Car Auto Motor Motorcycle Automotive etc

Brand DROK

Color Blue

Item Weight 0.02 Pounds

Item Dimensions LxWxH 3.7 x 1.7 x 0.7 inches

Output Voltage 5 Volts

About this item

* It is a DC boost converter with voltmeter; display input and output voltage alternately
* With MOS tube for reverse connection circuit protection and will NOT burn when being connected reversedly
* Has a red LED indicator; freely definable power-on statue; Press the button behind voltmeter to open or close the item
* Simple wiring connection: IN+: Positive input/IN-: Negative input/OUT+: Positive output/OUT-: Negative output
* With good mounting holes and double terminals, voltage can be adjusted by turning the small screw on the potentiometer

Product details

Is Discontinued By Manufacturer ‏ : ‎ No

Product Dimensions ‏ : ‎ 3.7 x 1.7 x 0.7 inches; 0.32 Ounces

Item model number ‏ : ‎ 090082

Date First Available ‏ : ‎ July 2, 2013

Manufacturer ‏ : ‎ DROK

ASIN ‏ : ‎ B00DWX8PM2

Best Sellers Rank: #498,132 in Industrial & Scientific (See Top 100 in Industrial & Scientific)

#396 in Power Transformers

Customer Reviews:

4.4 out of 5 stars 59 ratings

Product Description

Parameters:

Input voltage: DC 3.5V-30V(please leave margin in usage, or meter will burn)

Output voltage: DC 3.5V-30V(boost module; ensure input voltage < or = output voltage)

Continuous current: 6A(long-term work)

Max input current: 10A (peak)

Output power: 100W Max(U-in \* I-in \* Efficiency = U-out \* I-out)

Voltmeter accuracy: +/- (0.5% +1 digit)

Static power consumption: typically around 15ma

Dimensions: 67x42x18 mm (L\*W\*H)

LED indicator: have

Anti-reverse protection: have

Working modes：

Output volt mode: LED indicator lights off when in output volt mode(default).

Input volt mode: press button to change to input volt mode and LED indicator lights on.

Alternate mode: press button again and input/output volt display in turn, each turn lasts for 3 seconds. (press one more time and return to output volt display mode)

Stop working mode:

Press button up to 4 seconds until LED display lights off, then please release the button and LED indicator lights on. At this time, module do not have memory function. Press the button again and LED voltmeter will work normally.

Module will automatically memorize current working stat us as power-on status if you long press button for 2 to 4 seconds, please check following memory mode:

[0] Default output voltage display when power on [1] Default input voltage display when power on [2] Default input/output voltage display alternately

Package includes:

1x LTC1871 Boost Power Converter+Voltmeter Display

Graphical user interface, diagram

Description automatically generatedA close-up of a circuit board

Description automatically generated with medium confidence

A green circuit board

Description automatically generated with low confidence