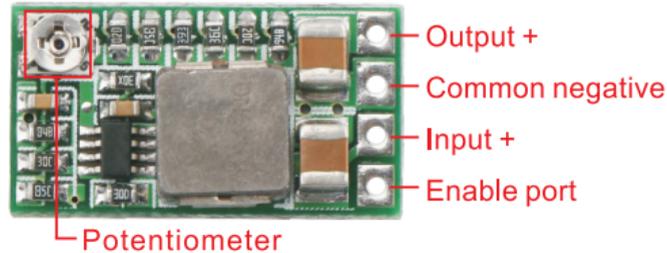


Parameters:

Input Voltage: DC 4.5-24V
Output Voltage: Integrated adjustable and fixed output (Adjustable range is 0.8-17V, fixed output are 1.8V, 2.5V, 3.3V, 5V, 9V, 12V that can be chosen on the back side)
Output Current: 3A max (please enhance cooling work when it is full load); When real tested input 12V and output is 1.5A, no need to add special cooling system.
Conversion Efficiency: 97.5% (highest) (6.5V to 5V, 0.7A)
Switch Frequency: 500KHz
Output Ripple: 20mV(12V to 5V, 3A) 20M width
Operating Temperature: -40°C~ +85°C(Industrial class) (The higher the operation temperature is, the smaller the output power is)
Output Over-voltage Protection: no
Temperature rising range at full load: 40°C
Static Current: 0.85mA
Load Adjustment Rate: ±1%
Voltage Adjustment Rate: ±0.5%

Dynamic Response Speed: 5% 200uS
Output Short-circuit Protection: yes, please don't keep making it short-circuit.
Output Reverse Connection Protection: no
Enable Function Control: yes, Low electric level will stop working when high electric level is working. High electric level is 2-5V, low electric level is 0V or so.
Wiring Method: soldering
Input Method: soldering
Output Method: soldering or pins
Welding Hole Spacing: 2.54mm

Wiring Guide:



Using Instruction:



This module defaults adjustable output voltage, if you want a fixed output voltage like 1.8V, 2.5V, 3.3V, 5V, 9V, 12V, just cut off the connection marked by red circle, then connect the fixed voltage you need by soldering.

It is easy and simple to make it work. Just directly connect VO+, GND, IN+ and if there is no high and low electric level control, it will be no need to connect EN. There is a internal Enable control on the IN +, if you want to connect it separately, please connect it on the EN.