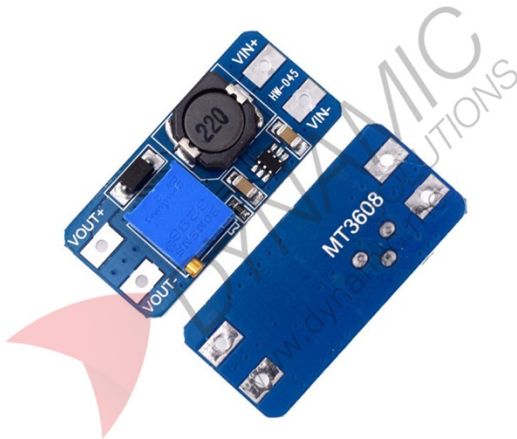


# MT3608 DC-DC Step Up Power Apply Module

## 2A 2V-24V

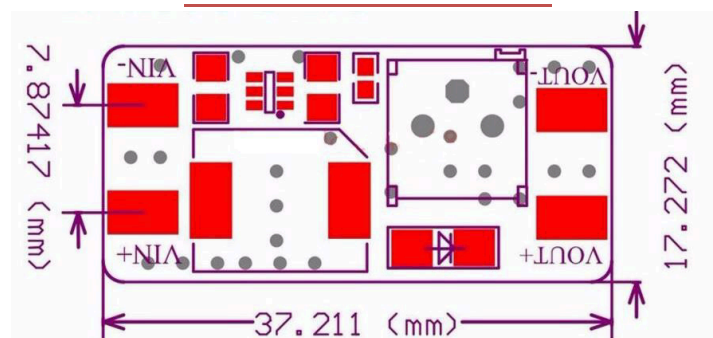


### Features:

The MT3608 step-up module is designed to boost input voltages from 2V to 24V up to adjustable outputs between 5V and 28V. Capable of delivering up to 2A of output current with over 93% efficiency, this compact DC-DC converter is ideal for powering higher-voltage components in battery-powered or low-voltage projects. It includes thermal and undervoltage protection, and an onboard potentiometer for precise voltage adjustment.

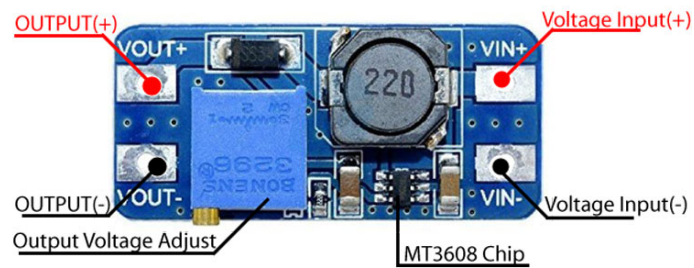
Specifications	
Input Voltage	2V – 24V DC
Output Voltage	5V – 28V DC (adjustable)
Maximum Output Current	2A
Conversion Efficiency	Up to 93%
Switching Frequency	1.2 MHz
Output Ripple	<100mV
Load Regulation	±0.5%
Voltage Regulation	±0.5%
Working Temperature	-45°C to +85°C
Module Size	37.2mm x 17.2mm x 14.0mm
Weight	5g
Usage	Boost low voltage sources to regulated higher voltages

### Product Dimensions:



### Pinouts:

Pin Name	Type	Description
VIN+	Power	Positive DC input voltage (2V–24V)
VIN-	Power	Ground for input voltage
VOUT+	Power	Positive output voltage (5V–28V)
VOUT-	Power	Ground for output voltage



### Product Pictures:

