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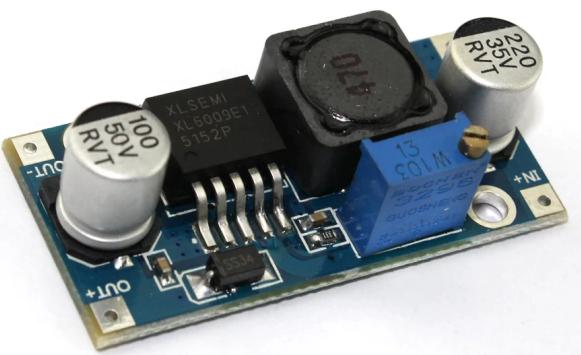
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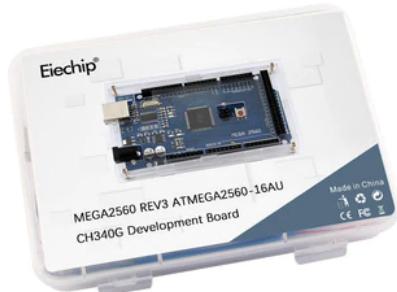
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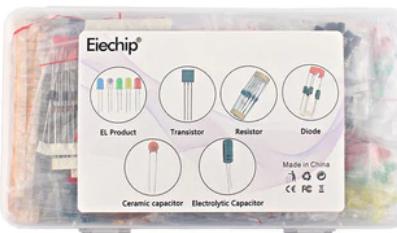
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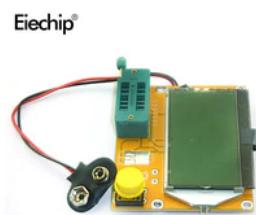
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Features:

- XTW6009 is a high-performance 400KHz 4A switch currency step-up (BOOST) module. This module XL6009 is coming with the 3rd generation high-frequency switch technology as the core chip, The performance is much higher than LM2577.
- Wide input voltage: 3V~32V; Optimum operating voltage range: 5~32V; Wide output voltage: 5V~40V.
- With 4A high efficiency MOSFET switches, so the efficiency can be up to 94%, (LM2577 current is 3A only).
- With ultra high switch frequency 400KHz , even if small capacity filtering capacitors can achieve very good results, ripple is smaller (Compare to LM2577 frequency 50KHz).

Specification:

Model: DSN6009 boost module

Module Properties: Non-isolated boost (BOOST)

Rectification: Non-Synchronous Rectification

Input Range: 3V ~ 32V

Output Range: 5V ~ 35V

Input Current: 4A (max), no-load 18mA (5V input, 8V output, no-load is less than 18mA. Higher the voltage, the greater the load current.)

Conversion efficiency: <94% (greater the pressure, the lower the efficiency)

Switching frequency: 400KHz

Output Ripple: 50mV (the higher the voltage, the greater the current, the greater the ripple)

Load Regulation: +/-0.5%

Voltage Regulation: +/-0.5%

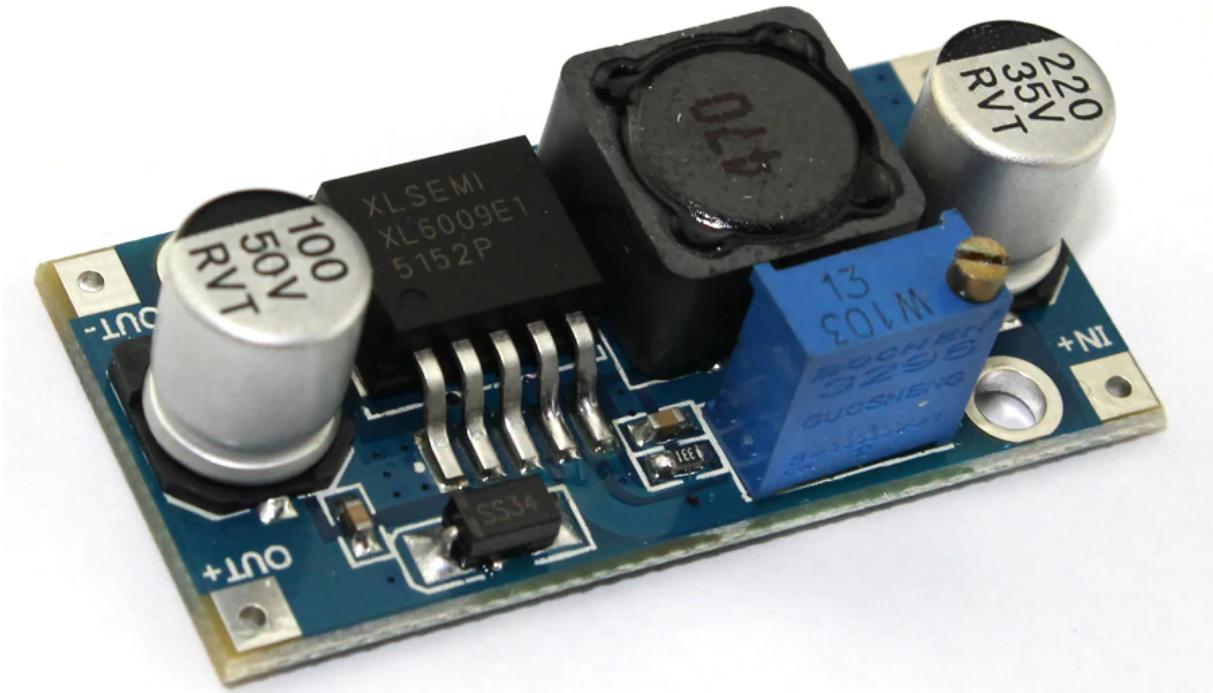
Operating Temperature: -40 degree to +85 degree

Body Size: 43 x 20 x 12mm/1.7" x 0.8" x 0.47"(L*W*T)

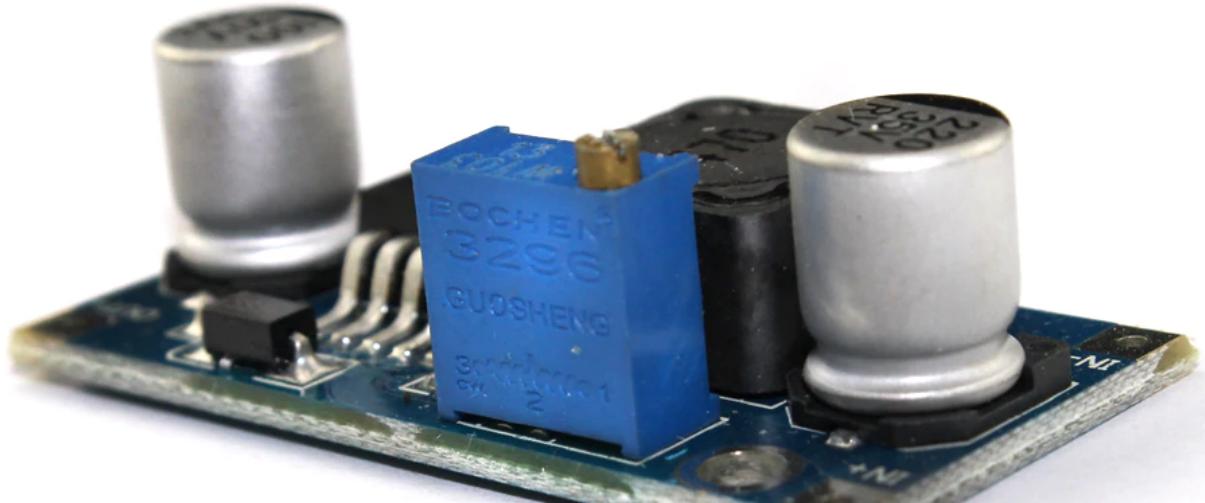
Input way: IN+, IN-;

Output way: OUT+, OUT-

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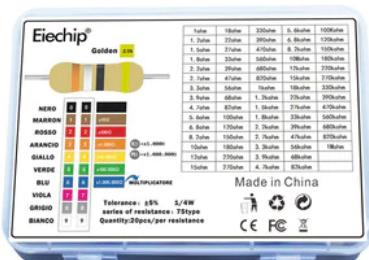
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