

## Design Journal

**Description:** LM2596 DC-DC Buck Converter Step-down Module Power Supply DIP Output 1.25V-30V 3A

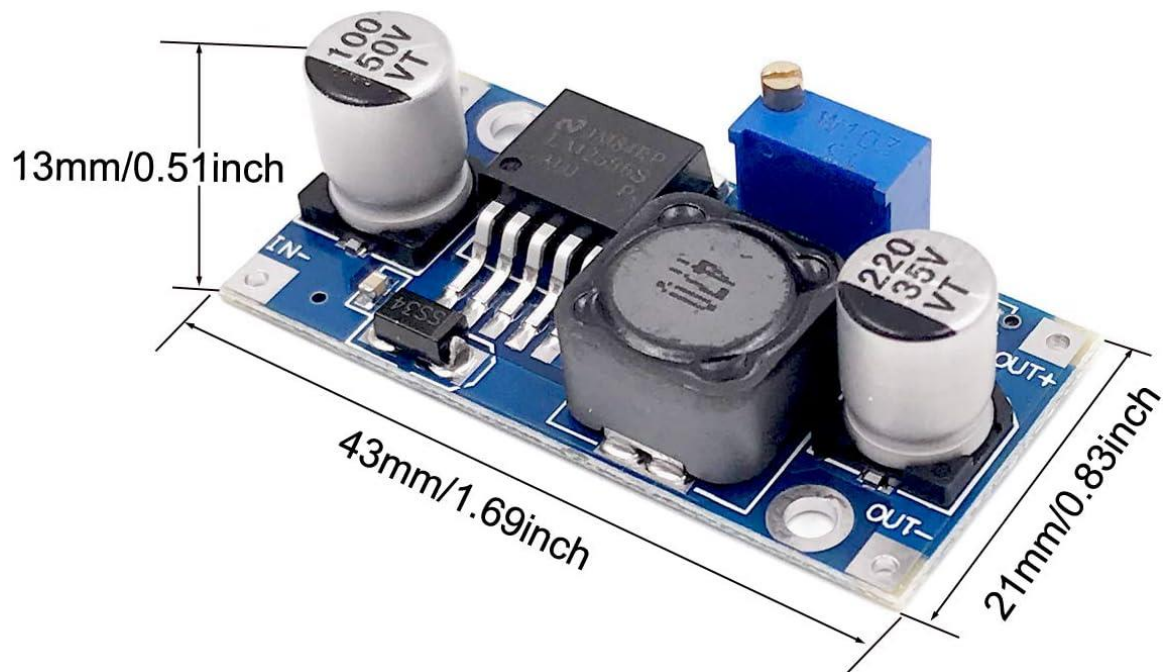
**Amazon Link:**

[https://www.amazon.com/gp/product/B07VVXF7YX/ref=ppx\\_yo\\_dt\\_b\\_search\\_asin\\_title?ie=UTF8&th=1](https://www.amazon.com/gp/product/B07VVXF7YX/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&th=1)

### Voltage Adjustment

- Clockwise Boost
- Counterclockwise Buck





# LM2596 DC-DC BUCK MODULE

## Function

- Built in over-temperature protection function
- Built in current limit function
- Built in output short-circuit protection function



## Parameters

- Input Voltage: DC 3 -40 V
- Output Voltage: DC 1.5 - 35 V
- Output Current: 3A(MAX) It is recommended to use under 2A