

# DROK LM2596 DC-DC Buck Converter

## Product parameters:

Input Voltage: DC 4~40V(the input voltage should be higher than output voltage at least 1V)

Output Voltage: DC 1.25~37V(continuously adjustable)

Output Current: 2A(for stable operation), 3A max.

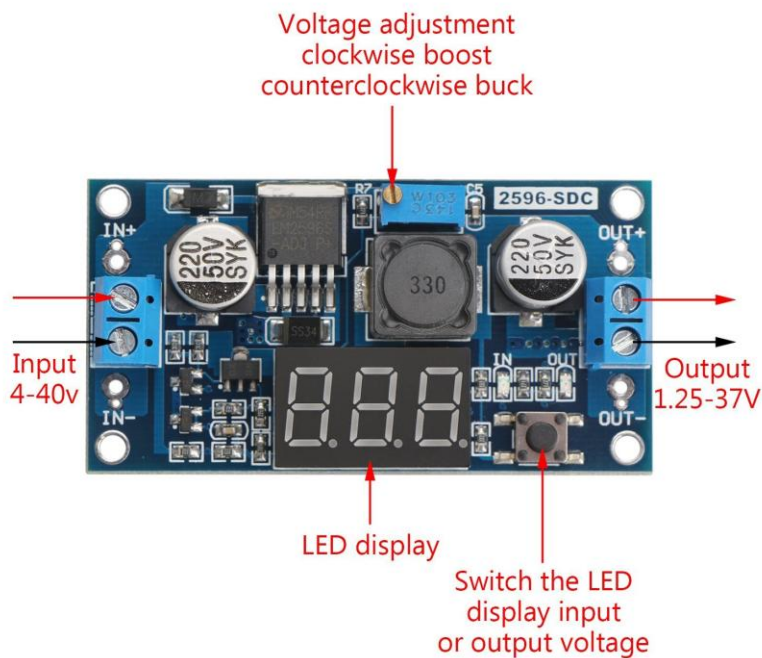
Voltmeter: 0~40V

Voltmeter Accuracy:  $\pm 0.1V$

Internal Oscillation Frequency: 150KHz

There is a large area of copper on its back to enhance heat dissipation

Keep pressing the button for 1 to 4 seconds, display would be shut off



## Calibration of input/output voltage

### (1) Output voltage calibration

Firstly, press the button so that "OUT" LED lighted, the voltmeter shows the value of output voltage; Keep pressing button for more than 2 seconds, then release.

display and "OUT" LED flashes simultaneously. That means enter output voltage calibration mode.

Secondly, short press the button (normal speed), the voltage value is changed. The minimum voltage display to 0.1V.

Thirdly, press the button for more than 2 seconds, release, to exit the output voltage calibration mode. All parameters are save.

### (2) Input voltage calibration

Firstly, short press the button so that "IN" LED lighted, the voltmeter shows the value of input voltage; Keep pressing the button for more than 2 seconds, then release. Display and "IN"

LED flashes simultaneously. It is in input voltage calibration mode.

Steps 2 and step 3 are consistent with the output voltage calibration method.