

# LM2596S DC to DC regulator

**Produktkode:** 1019

**Tilgjengelighet:** 12

**Pris:** kr. 80,00



## Short Description

LM2596S Step Down Module DC 3V-40V to 1.5V-35V 3.3V 5V 12V 3A Voltage Regulator

## Beskrivelse

Name: LM2596S Step-down Module;

The input voltage: DC 3.2V~46V;

The output voltage: DC 1.25V~35V(Adjustable);

The output current: 3A (Max)

Conversion efficiency: 92% (highest);

The output ripple: < 30mV;

Switching frequency: 65KHZ;

Working temperature: -45?~+85?;

Size: 43x21x14mm;

With power supply indicator light;

IN+ input positive; IN- input negative;

OUT+ output positive; OUT- output negative;

Input voltage range: DC 3.2V to 46V (input voltage must be 1.5V higher than output voltage. Can't booster);

Output voltage range: DC 1.25V to 35V adjustable, high efficiency (92%), maximum output current is 3A.

When 12v input, 5v output 1A current, load regulation less than 1%;

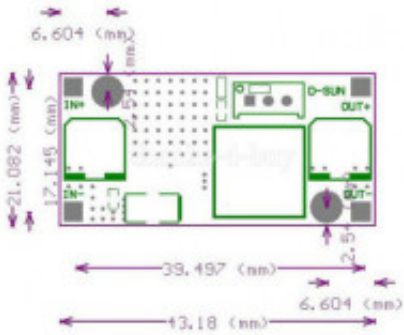
Note:

- 1.This is step-down module, the input voltage must be higher than the output voltage;
- 2.Output below 2A can work without heat sink, when output current more than 2.5A (or output power more than 10W) to work long hours please add heat sink.
- 3.Potentiometer adjustment: Clockwise voltage increases, counterclockwise voltage decreases. Rotate a circle about 1V.

Package Included:

1 x LM2596S Step Down Module

**Product Gallery**



**LM2596S DC-DC Buck Converter**  
**Max 3A Output Current**



**Step down Voltage Regulator**