LM2596S DC to DC regulator



Produktkode: 370aa
Tilgjengelighet: 11
Weight: 15.00g

Pris: kr. 80,00

Kort beskrivelse
LM2596S Step Down Module DC 3V-40V to1.5v-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.

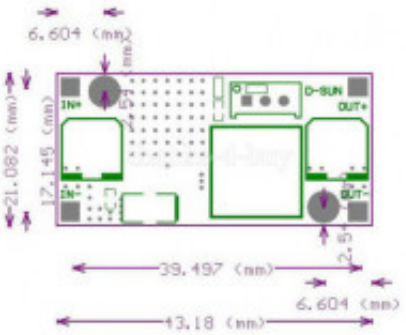
Package Included:

1 x LM2596S Step Down Module

Produktgalleri




OUT+
OUT-
LM2596
IN+
IN-


6.604 (mm)
IN+
D-SUN
OUT+
IN-
OUT-
21.082 (mm)
12.145 (mm)
39.497 (mm)
6.604 (mm)
43.18 (mm)







LM2596S DC-DC Buck Converter

Max 3A Output Current



Step down Voltage Regulator