AA104

LM2596S without SMD LED DC-DC Step-Down

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Preface

OurCompany

KUONGSHUN Electronic Company is a supplier and manufacturer of electronic components, it is committed to board and starter kit for Arduino, Raspberry PI, Smart Robot Car, 3D printer. It is also a collection of scientific research, design, production,

maintenance and sales of high-tech enterprises, in the field of automation with professional standards and mature technology, we rapid rise in the field of foreign trade. Relying on technology and development, continuing to provide users with high-tech products, is our constant pursuit. Fully introduction of foreign advanced technology to enhance the value of our products.

Company gains users' praise for supplying first-class quality product and superb technical services, has now become the first choice of domestic and international procurement company.

Official Website: https://www.kuongshun-ks.com

AA104 LM2596S without SMD LED DC-DC Step-Down

Power Supply Module
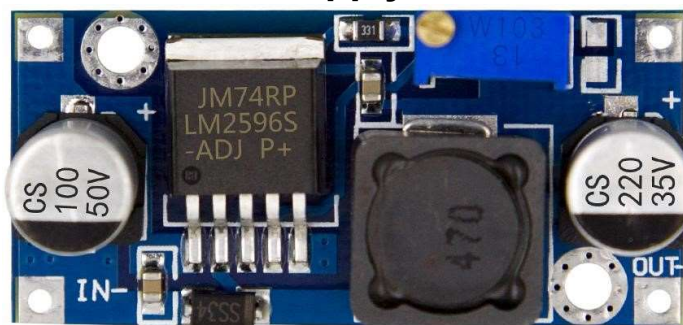
Product Description

This is a DC-DC step-down module, when using, the input voltage must be higher than the output voltage. When the output current is more than 2.5A, or the output power is more than 10W, if you need to work for a long time, you need to add a heat sink.

Product Parameters

Module nature: non-isolated buck (BUCK)

Rectification mode: non-synchronous rectification

Input voltage: DC 3.2V-40V

Output voltage: DC 1.25V-35V

Output current: 3A (max)

Conversion efficiency: 92% (max)

Switching frequency: 65KHz

Output ripple: 30mV(max)

Load Adjustment Ratio: ±0.5%

Voltage Adjustment Rate: ±2.5%

Operating temperature: -40°C to +85°C

External Dimension: 43mm*21mm*14mm(L*W*H)

Usage

1, IN+   Input positive   IN-   Input negative

2, OUT+   Output positive pole   OUT-   Output negative pole

3, The module is an adjustable buck module, you can change the output voltage by rotating the adjustable potentiometer on top of the module.