

1A DC 7.5-40V 12V to 6V Regulator DC-DC Step-Down Buck Converter Module Board replace LM7806 L7806 TO-220 IC

Packing list:

1 PCS DD4012SA_6V 7.5V-40V to 6V DC DC Buck Converter Module

Description:

Input voltage 7.5~40V,output 6V

Maximum output current 1A

DC-DC Step-Down Converter module working frequency 550KHz. efficiency is 75-90% .

Quiescent current: about 1.5mA

Overtemperature shutdown, input under-voltage protection, BS-voltage protection, and short circuit protection.

2.54mm pin pitch, Arduiuo UNO MEGA2560 Breadboard MCU Development Board friendly

Excluding Pin Size 18.3mm x 10.2mm x 6.7mm(small)

Weight : about 1.3g(Very light)

Attention:

This is a DC-DC voltage converter module, Must be noted when using:

1 Input voltage can not be greater than the maximum input range

2 Output power can not be greater than the maximum load for a long time

3 Input power must be greater than the output power, because the power consumption of the module itself

Applications:

12V 9V TO 6V lithium battery-powered systems

6V Motor

WIFI esp8266 Module

CCTV camera

Toy car

Smart home / home automation

Distributed Power Systems

Battery Charger

Pre-Regulator for Linear Regulators

replace LM7805 L7806

Pin Description

Vi : Power Input

GND : Input/Output Ground

Vo: Power Output

