

Very small Lightweight DC-DC 3-6V 5V to DC 12V Step-UP Boost Voltage Converter Module

Description:

Input voltage 2.8~6V, output 12V (deviation +5%)
Maximum input current : 1.2A
Long-term work Current : 1A
Conversion efficiency : 80-90%

Start Voltage 2.8V, Output Current 50MA

INPUT 3V 1A;	OUTPUT 12V 220MA
INPUT 3.3V 1A;	OUTPUT 12V 250MA
INPUT 3.7V 1A;	OUTPUT 12V 280MA
INPUT 4.5V 1A;	OUTPUT 12V 340MA
INPUT 5V 1A;	OUTPUT 12V 370MA
INPUT 6V 1A;	OUTPUT 12V 450MA

DC-DC Boost module working frequency 1.0MHZ.
Operating ambient temperature : -40~+85 Degrees Celsius
2.54mm pin pitch,Arduiuo UNO DUE Breadboard FPGA/CPLD Development Board friendly.
Excluding Pin Size 20.5mm x 10.16mm x 5.6mm(Very small)
Weight : about 1.4g(Very light)

Applications:

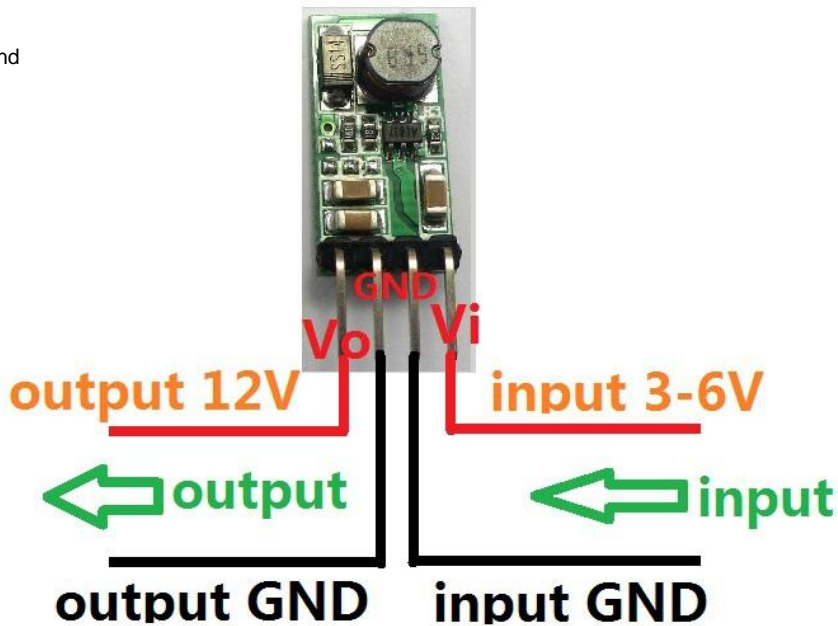
MCU Development Board,FPGA/CPLD UNO MEGA2560 DUE 8051 AVR C8051 etc
PLC Modbus RS485
12V Wifi Router(also fo 9v)
12V Low power motor
12V LED Lighting
12V Relay board
Wireless communication equipment
315M 433M Wireless remote controller

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

Pin Description

Vi : Power Input
GND : Input/Output Ground
Vo: Power Output



Size : 20.5x10.16x5.6 mm(Excluding Pin)

Weight : about 1.4g

2.54mm pin pitch

