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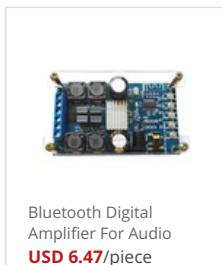
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SPECIFICATIONS

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Top Selling**Description:**

LD06AJSA / B is a current regulation integrated circuit operating from an input voltage of 2.8 V to 6 V, the constant output current can be set to 1.5A with an external resistor. the LD06AJSA / B consists of high precision reference voltage, amplifier, current mirror, etc. The on-chip power transistor and current block sense significantly reduce the number of external components, which makes the LD06AJSA / B ideal for LED driver.

When the CE pin is high, the input voltage is greater than 2.8 V, and is higher than the direct voltage LED plus the required voltage drop, LD06AJSA / B normally operates to provide

€ 0,97

★ 4.8

1192 Sold

**€ 0,54**

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**€ 1,42**

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switched on continuously in case of high ambient temperature or high voltage fall. When the LD06AJSA / B temperature junction reaches about 135 ° C, the internal temperature setting of the block reduces the current so that the temperature of the LED junction will not rise further. this feature allows users to maximize the use of the power handling ability of the chip, do not worry about the chip overheating and damage to the chip or external components. The LD06AJSA / B also has the function of allowing the chip, which can the whole chip to limit the shutdown current consumption within 1uA.

The LD06AJSA / B also adopts the current overload protection block. When the current LED 1.9A approaches (Typical), the on the current block protection starts the function to prevent the current LED from increasing.

Application 1: Wiring according to the following figure, use a suitable screwdriver carefully and slowly rotate the adjustable resistance.

Application 2: Adjust the adjustable resistance to 0 ohms (or maximize the current according to Order 1) and then use the MCU output current output of the PWM signal to control the LED the frequency of the PWM signal must be less than 2 KHz

Specifications:

Operating voltage: DC 2.8-6 V (Perfect for 3 V 3.3 V 3.7 V 4.5 V 5 V 6 V LED Driver)

Output Current: 30-1500MA

Maximum output power: 9 W

Can drive 1-16 pcs 2.8-6 V LEDs (maximum current does not exceed 1.5A)

Current regulations: 1 through adjustable resistance; 2 through PWM signal control

Temperature Control Chip

Took more than Current Protection

Operating Temperature Range

Size: 1.8x1cm/0.71x0.39"

Quantity: 1 Pc

Note:

Please allow 1-3mm error due to manual measurement. pls make sure you do not mind before you bid

Due to the difference between different monitors, the picture may not reflect the actual color of the item. Thank you!

No Retail Package

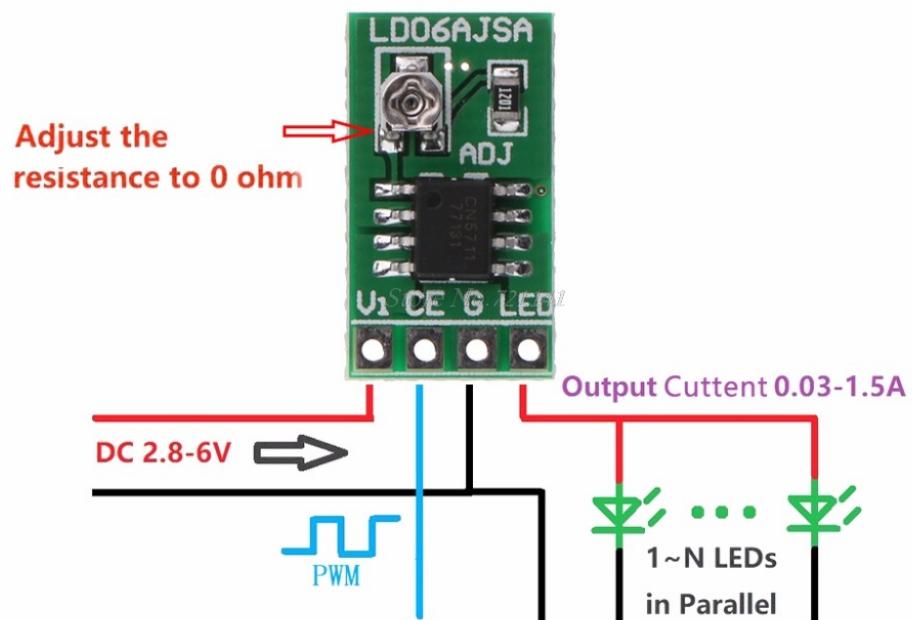
Package Includes:

1 x LED Driver



Application 2

PWM regulates the output current



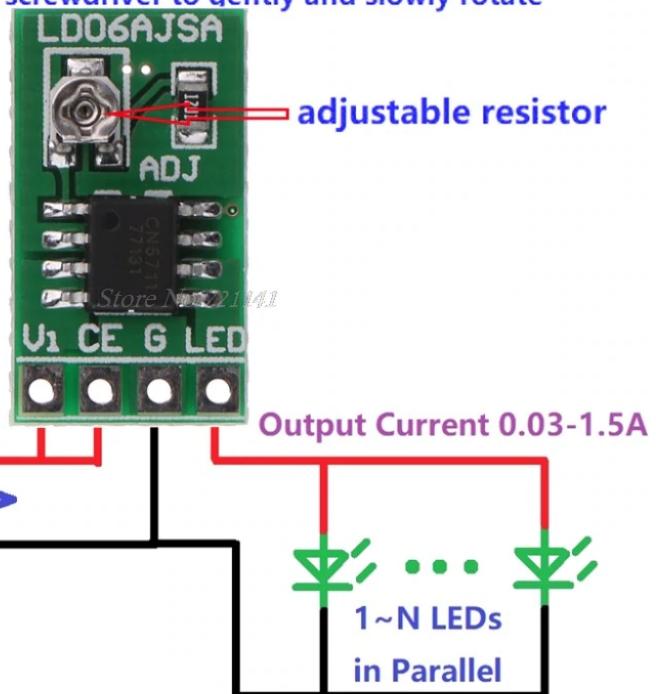
You can use the MCU FPGA/CPLD ARM PIC AVR pin to control the output current (PWM frequency <2kHz)

Adjustable current through adjustable resistor.

Please use a suitable screwdriver to gently and slowly rotate

decrease

increase



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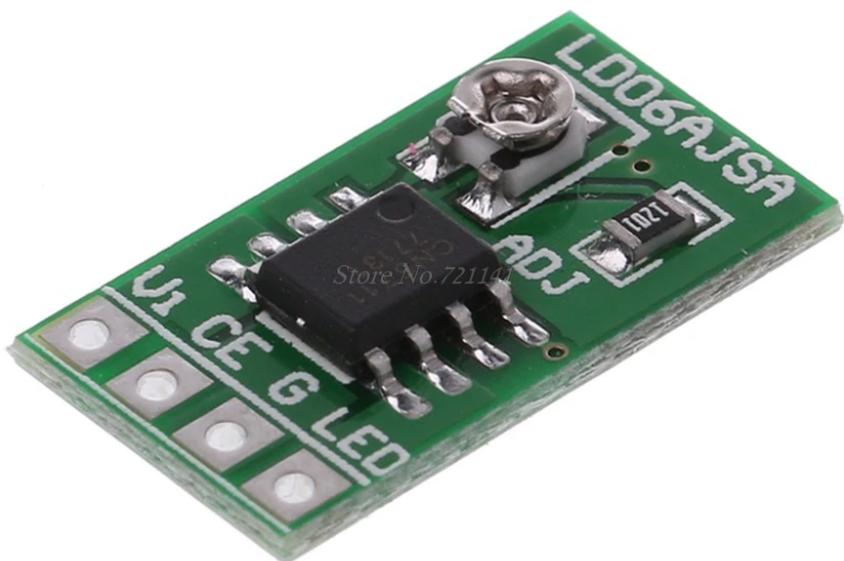
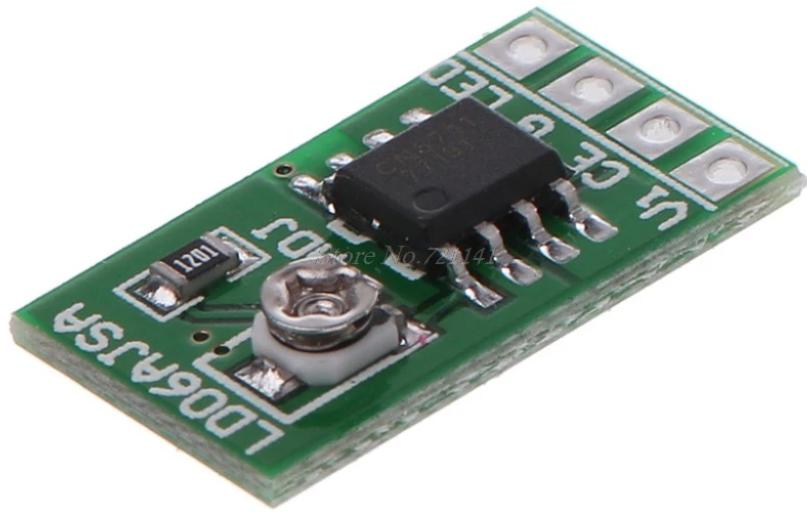
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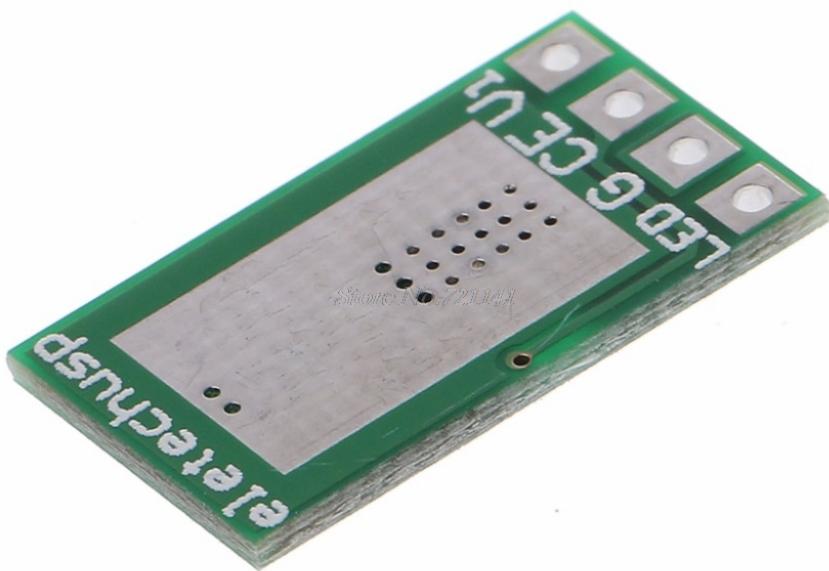
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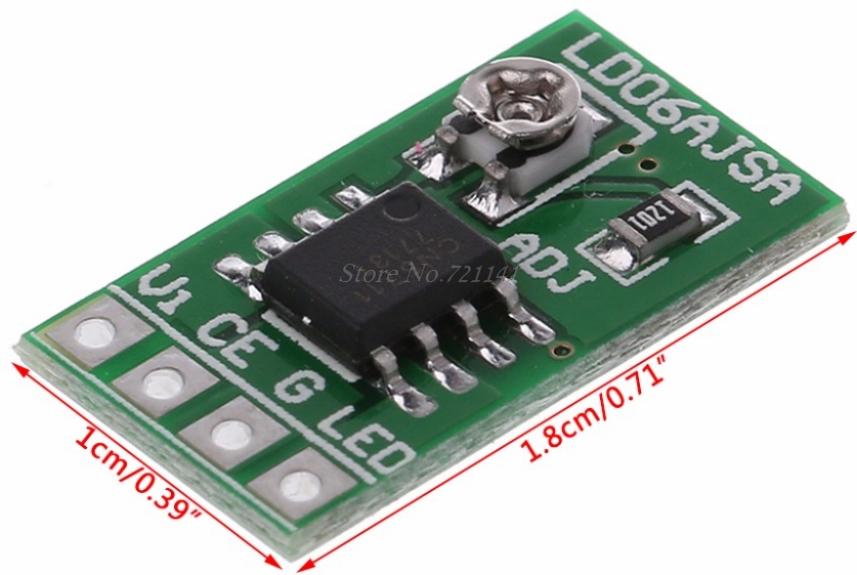
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