ACS724 20A Range Hall Current Sensor

Produktkode: 777
Tilgjengelighet: 2

Pris: kr. 65,00

Short Description
ACS724 20A Range Hall Current Sensor Electronic Module for Arduino

Beskrivelse
Beschreibung:

ACS724 20A Range Hall Current Sensor Module for Arduino DIY Electronic Board
Description:
1. This module is a linear current sensor. It is designed based on the principle of Hall induction. It is composed of a built-in precise low-bias linear Hall sensor circuit and a copper foil located close to the surface of the IC.
2. When the current passes through the copper foil and generate a magnetic field. The Hall element induces a linear voltage signal according to the magnetic field, and then outputs a voltage proportional to the detected AC or DC current through internal amplification, filtering, chopping and correction circuits.
3. It can be applied to motor field, load detection and management, switching power supply and over-current fault protection, etc.

Specification:
Range: 20A (Optional)
Current Sensor Chip: ACS712ELCTR-05B-T
Onboard Power Indicator
Working Voltage: DC 5V Single Voltage Work
Accuracy Range (IP): Measure ±5A Current, Corresponding to Analog Output 185mV/A;

IP=0A
That is, when there is no detection current passing, the output voltage is VCC/2 or 2.5V, the calculation formula VOUT=2.5+0.185*IP
Packing Size: 70 X 55 X 7mm/2.76 X 2.17 X 0.28"

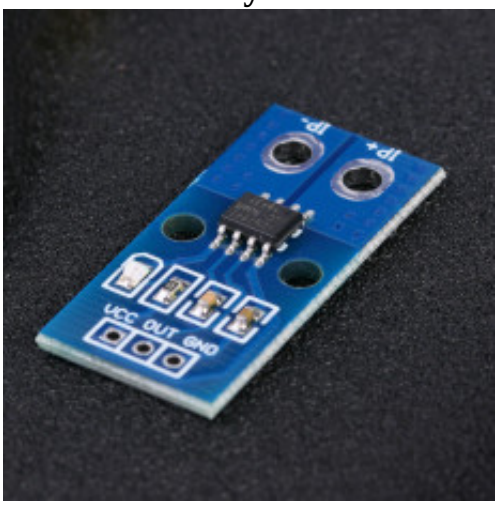
Warm Tip:
ACS724 is based on the principle of Hall detection, try to avoid the influence of the magnetic field when using it.

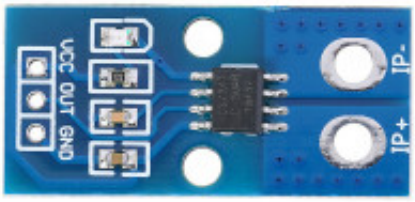
Note:
1. Due to the different monitor and light effect, the actual color of the item might be slightly different from the color showed on the pictures. Thank you!
2. Please allow 1-3mm measuring deviation due to manual measurement.

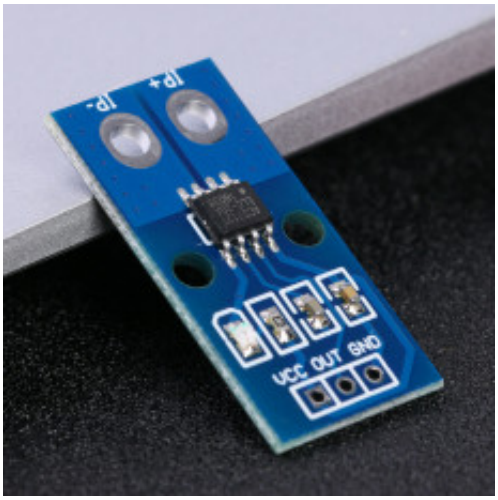
Lieferinhalt:

1 X Electronic Board

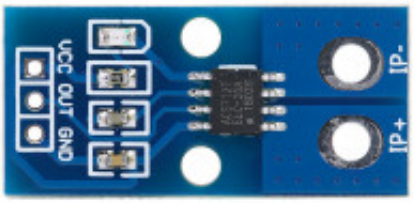
Product Gallery




VCC OUT GND
IP-
IP+


IP-
IP+
VCC OUT GND


ACS724 Hall current sensor module
ELECTRONIC MODULE
Onboard power indicator
Working voltage: DC5V single voltage work


VCC OUT GND
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VCC OUT GND
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IP-