



PRODUCT NAME : 5AMP Hall Current Sensor Module ACS712 for Arduino/Raspberry-Pi/Robotics

PRICE : Rs 199.00

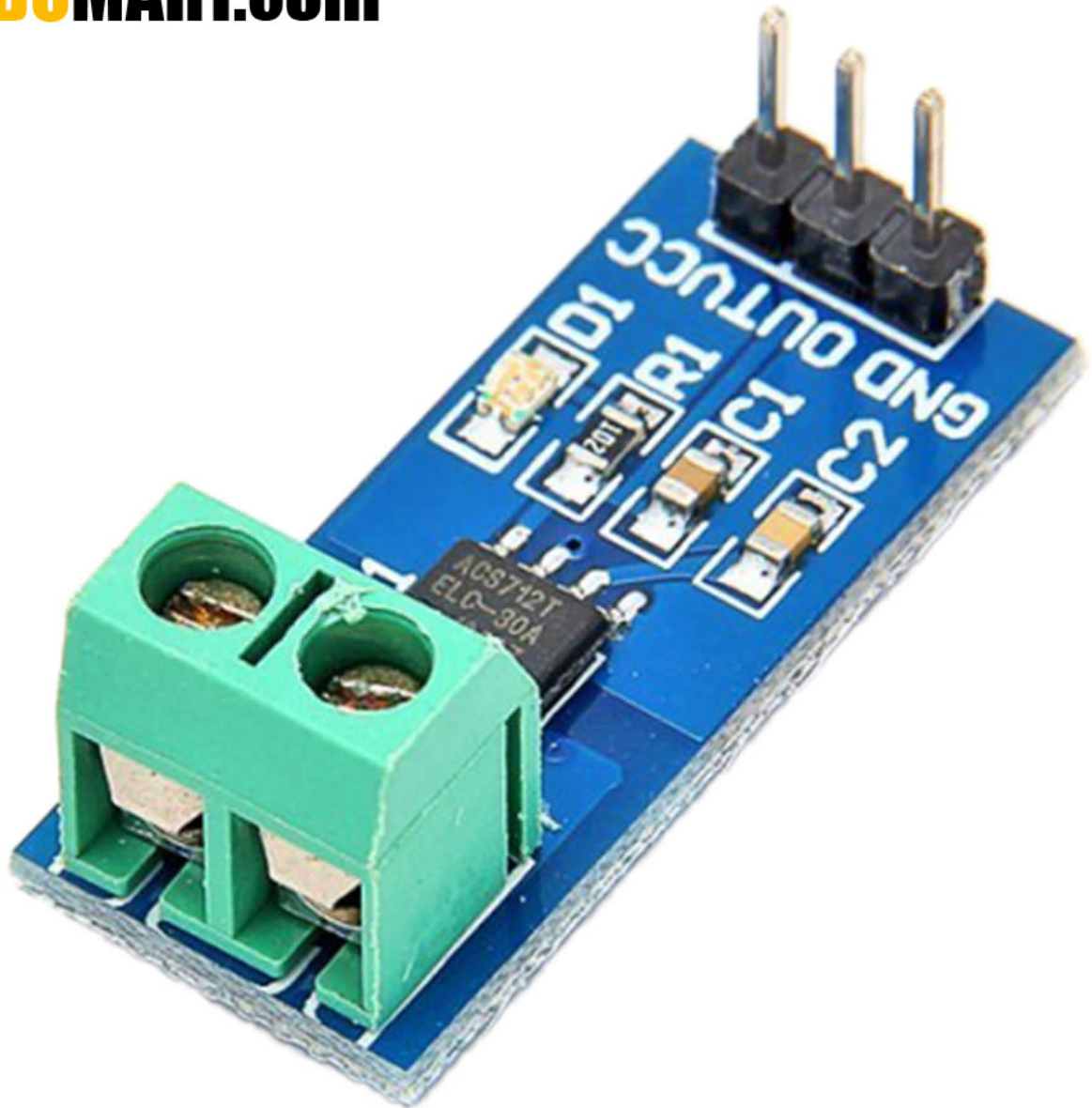
SKU : RM0874



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DESCRIPTION

The ACS712 is a Fully Integrated, Hall Effect-Based Linear AC/DC Current Sensor with 2.1 kV RMS Voltage Isolation and a Low-Resistance Current Conductor.



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Features of 5AMP Hall Current Sensor Module:

- Low-noise analog signal path.
- 5 μ s output rise time in response to step input current.
- 50 kHz bandwidth.
- Total output error 1.5% at TA= 25°C, and 4% at -40°C to 85°C.
- Small footprint, low-profile SOIC8 package.
- 1.2 m Ω internal conductor resistance.
- 2.1 kV RMS minimum isolation voltage from pins 1-4 to pins 5-8.
- 5.0 V, single supply operation.
- 66 to 185 mV/A output sensitivity.
- Output voltage proportional to AC or DC currents.
- Factory-trimmed for accuracy.
- Extremely stable output offset voltage.

- Nearly zero magnetic hysteresis.

Applications of 5AMP Hall Current Sensor Module:

- Typical applications include motor control, load detection and management, switched-mode power supplies, and over current fault protection.

Note: Images shown is only for representation. The actual product may vary with the picture shown.

Also Searched as: **current sensor, current sensor arduino, current sensor circuit, hall effect current sensor, current sensor working, current sensor working principle, current sensor acs712, universal current sensor.**

ADDITIONAL IMAGES

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