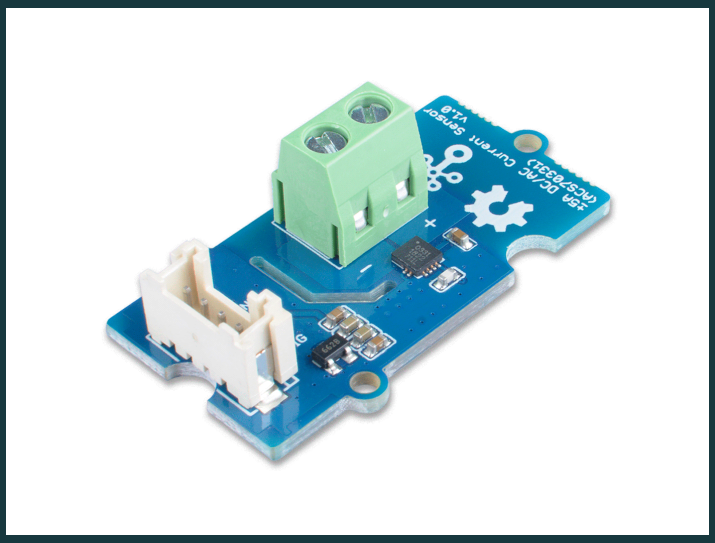
seeed studio

INDUSTRIAL PRODUCT DATASHEET

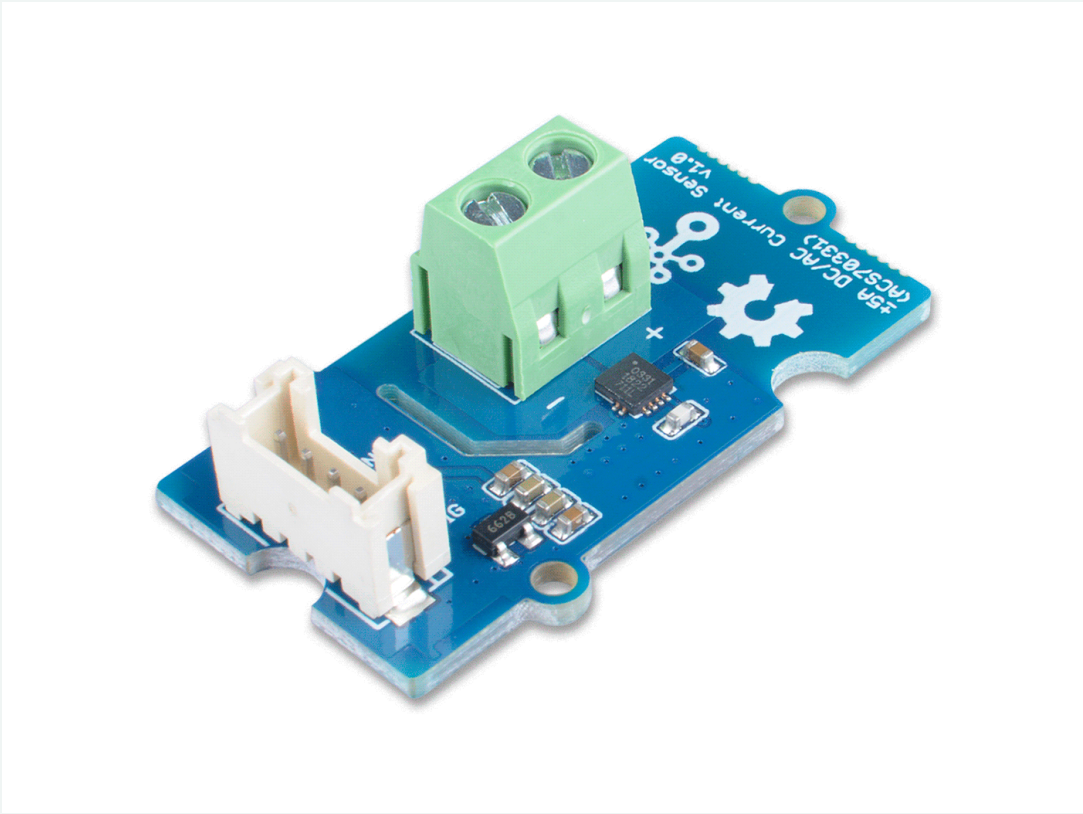
Grove - ±5A DC/AC Current Sensor (ACS70331)

The Grove - ±5A DC/AC Current Sensor (ACS70331) is a high precision DC/AC current sensor based on ACS70331.

SKU	UPDATED	PRICE
101020615	2026-11-11 08:16:26	$4.50(Excl. VAT)



Overview



The Grove - ±5A DC/AC Current Sensor (ACS70331) is a high precision DC/AC current sensor based on ACS70331. The ACS70331EESATR-005B3 is Allegro's high sensitivity, current sensor IC for <5 A current sensing applications.

Key Features

01 **1 MHz bandwidth with response time <550 ns**

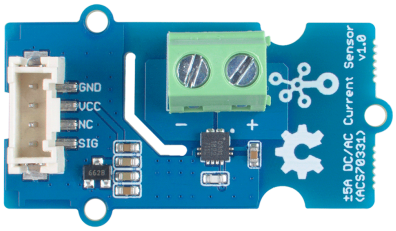
02 **Low noise**

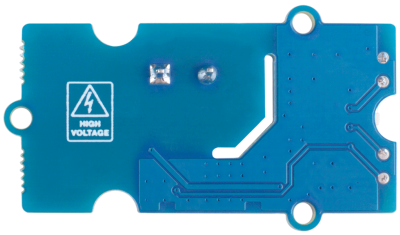
8 mA(rms) at 1 MHz

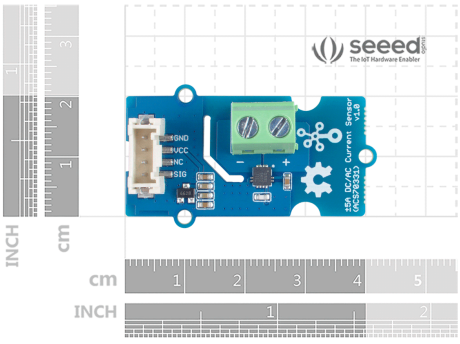
03 **1 mΩ primary conductor resistance results in low power loss**

04 **High DC PSRR enables use with low accuracy power supplies or batteries (3 to 4.5 V operation)**

Product Gallery







Resource Links

- https://www.seeedstudio.com/Grove-5A-DC-AC-Current-Sensor-ACS70331-p-2928.html
- Grove - ±5A DC/AC Current Sensor (ACS70331) Schematic file
- ACS70331 Datasheet

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