

Stromsensor-Modul ACS712 20A



Artikel Nr.: N8816

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Das Stromsensor Modul 20A mit analogen Ausgang für Gleich-/ und Wechselstrom. Passend zu den Einplatinencomputer wie Arduino Raspberry als Schnittstelle. Betrieb an 5V mit LED Anzeige, IC ACS712. Maße: 14x32mm

Features and Benefits

- Low-noise analog signal path
- Device bandwidth is set via the new FILTER pin
- 5 μ s output rise time in response to step input current
- 80 kHz bandwidth
- Total output error 1.5% at $T_A = 25^\circ\text{C}$
- Small footprint, low-profile SOIC8
- 1.2 m Ω internal conductor resistance
- 2.1 kVRMS 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
- Ratiometric output from supply voltage

Download Datenblatt IC

Preis : 4.65 EUR