

OptoCoupler 1-CH 8-Pin PDIP SMD T/R



Listing details

Reference Number: RF124174

Common

Price: \$ 5.57
Country: United States

Description:
OptoCoupler 1-CH 8-Pin PDIP SMD T/R

Manufacturer Part #: HCPL-7840-500E

Alternate Part #: HCPL-7840-500E/BKN

The HCPL-7840 isolation amplifier family was designed for current sensing in electronic motor drives. In a typical implementation, motor currents flow through an external resistor and the resulting analog voltage drop is sensed by the HCPL-7840.

Key Features

- 15 kV/ μ s common-mode rejection at $V_{CM} = 1000$ V
- Compact, auto-insertable standard 8-pin DIP package
- 0.00025 V/V/ $^{\circ}$ C gain drift vs. temperature
- 0.3 mV input offset voltage
- 100 kHz bandwidth
- 0.004% nonlinearity
- Worldwide safety approval:
UL 1577 (3750 Vrms/1 min.) and CSA, IEC/EN/DIN EN 60747-5-2
- Advanced Sigma-Delta (Σ - Δ) A/D converter technology
- Fully differential circuit topology
- 0.8 μ m CMOS IC technology

[Purchase Product](#)

Posted: 7 years ago

