



## Avago Technologies Announces Industry's Most Energy Efficient 1MBd Digital Optocoupler for Signal Isolation Interfaces

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Compact Digital Optocoupler Operates on 80 Percent Less Drive Current Than Similar 1MBd Optocouplers Offered by Other Suppliers

SAN JOSE, Calif. & SINGAPORE--(BUSINESS WIRE)--Nov. 17, 2009-- Avago Technologies (Nasdaq:AVGO), a leading supplier of analog interface components for communications, industrial and consumer applications, today announced the industry's most energy efficient 1MBd digital optocoupler. Avago's compact low power ACPL-M50L single channel optocoupler, which operates on approximately 80 percent less drive current than today's standard 1MBd digital optocouplers, targets designers of communication interfaces, microcontroller system interfaces, switching power supplies, and digital isolation for A/D, D/A conversion applications.

The ACPL-M50L provides superior high voltage performance over the lifetime of the product while meeting safe insulation requirements for reinforced applications. Available in a small outline-5 (SO-5) package size, Avago's ACPL-M50L high speed digital optocoupler supports a wide supply voltage range from 2.7 to 24-volts and is driven by low forward drive current ( $I_F > 3\text{mA}$ ) with a high current transfer ratio (CTR  $> 80$  percent min.) to allow direct drive from a microcontroller without the need to add a buffer chip.

Separate connections for the photodiode bias and output transistor collector of the ACPL-M50L increases its speed up to a hundred times over that of a conventional photo-transistor by reducing the base-collector capacitance. Additionally, this optocoupler operates over a wide temperature range from -40 to +105 degrees-C making it ideal for use in harsh industrial environments.

### Key Features

- Wide supply voltage: 2.7 to 24V Vcc Operation
- Low drive current: 3mA
- Open collector output
- TTL compatible
- 15 kV/ $\mu\text{S}$  high Common-Mode Rejection at  $V_{cm} = 1500\text{ V}$
- Operating temperature range: -40 to +105 degrees C
- Low propagation delay: 1 ms maximum
- Worldwide safety approvals pending: IEC/EN/DIN EN 60747-5-5/UL 1577/CSA

### Pricing and Availability

Avago's single channel ACPL-M50L digital optocoupler is available now. Pricing starts at \$0.75 in quantities of 2,500. Samples and production quantities are available now through Avago's direct sales channel and worldwide distribution partners. More information on Avago's digital optocouplers can be found at [www.avagotech.com/optocouplers](http://www.avagotech.com/optocouplers).

### About Avago Technologies

Avago Technologies is a leading supplier of analog interface components for communications, industrial and consumer applications. By leveraging its core competencies in III-V compound and silicon semiconductor design and processing, the company provides an extensive range of analog, mixed signal and optoelectronics components and subsystems to approximately 40,000 end customers. Backed by strong customer service support, the company's products serve four diverse end markets: wireless communications, wired infrastructure, industrial and automotive electronics, and consumer and computing peripherals. Avago has a global employee presence and heritage of technical innovation dating back 40 years to its Hewlett-Packard roots. Information about Avago is available on the Web at [www.avagotech.com](http://www.avagotech.com)

### Safe Harbor Statement

This announcement and supporting materials may contain forward-looking statements which address our expected future business and financial performance. These forward looking statements are based on current expectations, estimates, forecasts and projections of future Company or industry performance based on management's judgment, beliefs, current trends and market conditions, and involve risks and uncertainties that may cause actual results to differ materially from those contained in the forward-looking statements. Accordingly, we caution you not to place undue reliance on these statements. Avago Technologies Finance Pte. Ltd.'s Annual Report on Form 20-F filed with the SEC on December 17, 2008, recent Current Reports on Form 6-K, and other filings with the U.S. Securities and Exchange Commission ("SEC") (which you may obtain for free at the SEC's website at <http://www.sec.gov>) discuss some of the important risk factors that may affect our business, results of operations, and financial condition.

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