



Avago Technologies Announces 2.5 Amp Automotive Gate Drive Optocoupler with Integrated Desaturation Detection and Fault Status Feedback

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New Automotive-Grade Optocoupler Operates Over a Wide Temperature Range and is Ideal for Use in Hybrid Electric Vehicles

SAN JOSE, Calif. & SINGAPORE, Jan 26, 2010 (BUSINESS WIRE) -- Avago Technologies (Nasdaq:AVGO), a leading supplier of analog interface components for communications, industrial and consumer applications, today announced a new compact extended temperature automotive grade optocoupler for use in hybrid electronic vehicles. Avago's ACPL-36JV 2.5 Amp optocoupler incorporates an integrated desaturation detection and fault status feedback system while offering superior performance over a wide operating temperature range from -40 to +105 degrees-C. The ACPL-36JV is ideal for use with isolated IGBT/power MOSFET gate drives, industrial inverters, AC and brushless DC motor drives, and uninterruptable power supplies.

Avago's ACPL-36JV, which is part of its R²Coupler™ family, provides reinforced insulation and reliability that delivers safe signal isolation which is critical in automotive and high temperature industrial applications. The low-power ACPL-36JV optocoupler has been designed with under voltage lock-out (UVLO) protection, high common mode rejection (CMR) performance and high speed response to improve efficiency. Additionally, the ACPL-36JV has been qualified to automotive AEC-Q100 Grade 2 semiconductor requirements for use in automotive applications.

The ACPL-36JV optocoupler is available in a 16-lead small outline (SO-16) surface mount package and is compliant to industrial safety standards IEC/EN/DIN EN 60747-5-5, UL 1577 and CSA.

Features and Benefits

- Drives IGBTs up to $I_C = 150$ A, $V_{CE} = 1200$ V
- Extended operating temperature: -40 to 105-degrees C
- Optically isolated, FAULT status feedback
- Input CMOS/TTL compatible
- 500 ns max. switching speed
- Soft IGBT turn-off
- 15 kV/us minimum CMR at $V_{CM} = 1500$ V
- Qualified to AEC-Q100 Grade 2 Test Guidelines.

Pricing and Availability

Avago's ACPL-36JV automotive 2.5 Amp optocouplers are priced at \$3.61 in 10,000 piece quantities, and are available now through Avago's direct sales channel and worldwide distribution partners. More information on Avago's isolation amplifiers can be found at 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.

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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 Registration Statement on Form S-1 filed with the SEC on January 22, 2010 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>) discusses some of the important risk factors that may affect our business, results of operations, and financial condition.

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NOTE TO EDITORS: Please direct reader inquiries to Avago Technologies at +1 800 235 0312, or e-mail us at support@avagotech.com.



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