Avago Technologies Introduces Two Automotive-Grade High Speed, Low Power Digital Optocouplers for Hybrid Electric Vehicles

October 28, 2009

New R^{2}Couplers Ideal for CANBus Interface Isolation Apps, and Meet Stringent Automotive AEC-Q100 Grade 1 Qualifications

SAN JOSE, Calif. & SINGAPORE--(BUSINESS WIRE)--Oct. 28, 2009-- Avago Technologies (Nasdaq:AVGO), a leading supplier of analog interface components for communications, industrial and consumer applications, today announced a pair of automotive-grade high speed, low power, digital CMOS optocouplers for use in Hybrid Electric Vehicles. The ACPL-M71T single channel high speed 15MBd and ACPL-M72T low power LED drive optocouplers are the latest additions to Avago's R ^{2}Coupler™ digital family. Both of these high temperature, low power optocouplers, which are available in small outline IC-5 (SOIC-5) packages, are ideal for use in controller area network bus (CANBus) interfaces and microcontroller interfaces applications.

Avago's ACPL-M71T and ACPL-M72T R ^{2}Couplers incorporate the latest CMOS IC technology to achieve superior performance to provide reinforced insulation and reliability that delivers the level of safe signal isolation that is critical in automotive and high temperature industrial applications. The design of the IC provides excellent electrostatic discharge (ESD) performance of 4kV Human Body Model (HBM) and 400V Machine Model (MM) to meet the design requirements of automotive electrical systems. Additionally, these digital optocouplers are qualified to the automotive AEC-Q100 Grade 1 component stress test guidelines and are manufactured under TS16949 automotive quality standards.

Both the ACPL-M71T and ACPL-M72T use a proprietary LED technology with lower driving current and lower power consumption for high speed 15MBd and low speed digital applications.

Key Features

- 5-volt CMOS compatible
- 40 kV/us Common-Mode Rejection at Vcm = 1000 V (typical)
- Wide operating temperature range: -40 C to 125 C
- Low propagation delay:
  - ACPL-M71T: 26 ns@ I_F = 10 mA (typical)
  - ACPL-M72T: 60 ns@ I_F = 4 mA (typical)
- Safety approvals for reinforced insulation (pending): IEC/EN/DIN EN 60747-5-5, UL 1577 3750 kVrms and CSA
- 4kV HBM and 400V MM ESD performance
- Qualified to AEC-Q100 Grade 1 test guidelines

Pricing and Availability

Avago's ACPL-M71T/M72T optocouplers are available now. Pricing starts at $2.43 each in minimum quantities of 1,000 and exclusive pricing is available for mass production volumes. Samples and production quantities are available now through Avago's direct sales channel and worldwide distribution partners. More information on Avago's Automotive R ^{2}Couplers 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

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 SECs website at http://www.sec.gov) discuss some of the important risk factors that may affect our business, results of operations, and financial condition.

Avago, Avago Technologies, the A logo, and R^{2}Coupler are trademarks of Avago Technologies. All other trademarks are the property of their

respective owners.

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

Source: Avago Technologies

Avago Technologies
Alain Dangerfield, +1 408-435-6385
alain.dangerfield@avagotech.com