Avago Technologies Launches 10 MBd Digital Optocoupler for High Insulation Voltage Applications

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High Data Rate and Insulation Voltage Set New Industry Standard

SAN JOSE, Calif. & SINGAPORE, May 04, 2010 (BUSINESS WIRE) --Avago Technologies (Nasdaq:AVGO), a leading supplier of analog interface components for communications, industrial and consumer applications, today announced the release of a 10 MBd Digital Optocoupler with high Insulation Voltage ratings for power supply and high-power motor control application.

The ACNV2601 single channel, 10 MBd digital optocoupler addresses growing market segments that need high data communication rates along with high insulation voltage performance. Avago's ACNV2601 is the industry-first optocoupler that combines 10 MBd data rates while maintaining or increasing insulating voltage ratings.

ACNV2601 is designed to provide 7,500 Vrms/1 minute isolation voltage, 1,768 Vpeak continuous working insulation voltage and 12,000 Vpeak transient over voltage. The ACNV2601 is pending IEC/UL/CSA regulatory certification for Reinforced Insulation against electric shock applications.

Avago's proprietary internal shield between the AlGaAs light emitting diode and photo-detector helps guarantee 20,000 V/us common-mode transient immunity performance with a common-mode voltage of 1,500 V.

10 MBd Optocoupler Applications

The high insulating voltages of the Avago ACNV2601 makes it suitable for applications with 690 V power main voltages or high speed, power switching equipment that use high voltage IGBTs. Applications like wind turbines, Intelligent Power Modules and communication interfaces, such as RS-232/RS-485 and CANBus, will benefit from the combined high speed and insulation voltage characteristics of the ACNV2601.

Where conventional line receivers cannot operate, the ACNV2601 provides reliable logic interfacing and input/output buffering in the presence of extremely high ground or induced noise.

Key Features

- 10 MBd typical data rate and high insulation voltage
- ACNV2601 Worldwide safety approvals pending:
  - IEC/EN/DIN 60747-5-5 with a 1,768 Vpeak insulation working voltage and 12,000 Vpeak transient over voltage
  - UL1577 with 7,500 Vrms for one minute input-to-output insulation voltage
  - CSA
- 20 kV/us common-mode transient immunity at Vcm = 1,500 V
- 2 mm internal package distance-through-insulation
- 13 mm minimum package creepage and clearance
- 5 V supply operation
- 10-pin wide body DIP package with gull wing SMD lead option
- Wide temperature operation: -40 to 105° C

Packaging and Temperature Range

A 10-pin wide body (500 mil) DIP package is offered along with a gull wing lead option for standard surface mount processes. The ACNV2601 10MBd optocoupler operates over a wide temperature range of -40 to +105 degrees-C, with guaranteed AC and DC electrical performance.

Besides providing high insulation ratings, the ACNV2601's package provides creepage and clearance greater than 13 mm and distance through insulation (DTI) of 2 mm.

U.S. Pricing and Availability

Avago's ACVN2601 are priced at $2.17 each in 10,000piece quantities. Samples and production quantities are available now through Avago's direct sales channel and worldwide distribution partners. More information about Avago's optocoupler and isolation products 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 Limited's Quarterly Report on Form 10-Q, filed with the U.S. Securities and Exchange Commission ("SEC") and other filings with the 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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