



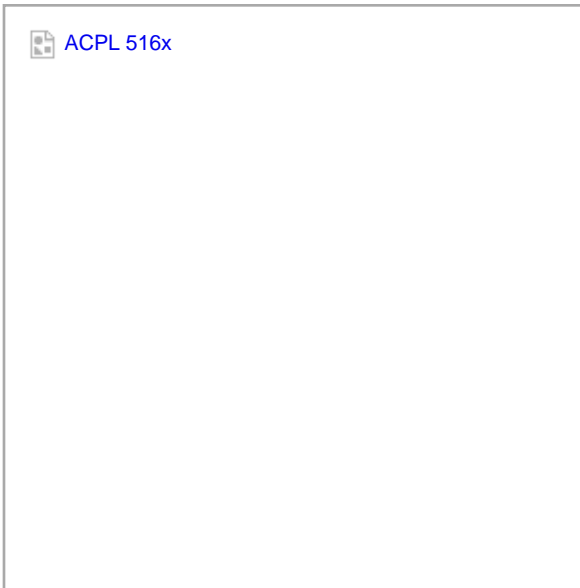
Photo Release -- Avago Technologies Introduces New Line of 2.5A Hermetic Gate Drive Optocouplers

May 14, 2013

Highly Integrated and Rugged Gate Drive Optocouplers for Harsh Industrial, Military and Aerospace Applications

SAN JOSE, Calif. and SINGAPORE, May 14, 2013 (GLOBE NEWSWIRE via COMTEX) --

Avago Technologies (Nasdaq:AVGO), a leading supplier of analog interface components for wireless, wireline, and industrial applications, today introduced a new line of 2.5A hermetic gate drive optocouplers featuring the ACPL-5160 and ACPL-5161. The ACPL-5160 is a rugged commercial-grade version. The ACPL-5161 is a MIL-STD compliant version manufactured and tested to Class H quality conformance level under MIL-PRF-38534 specifications. Optimized for high power motor control and power conversion applications, these devices are extremely robust and able to withstand harsh environments providing long life operation across the full military temperature range of -55 to +125 degree C.



A photo accompanying this release is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=18678>

Complementing Avago's existing HCPL-515x and HCPL-512x hermetic gate driver offerings, the ACPL-5160 and ACPL-5161 have higher output current drive capability supporting high power MOSFET and IGBT with power ratings up to 150 A and 1200 V. In addition, these new hermetic devices incorporate new functions including V_{CE} desaturation (DESAT) detection, under voltage lockout (UVLO), "soft" IGBT turn-off, and isolated open collector fault feedback. More importantly, the ACPL-5160 and ACPL-5161 are designed to enhance the performance and reliability of a motor drive without the cost, size, and complexity of a discrete design.

Product Line Highlights

- MIL-PRF-38534 Certified and Qualified (ACPL-5161)
- Standard Microcircuit Drawing (SMD) 5962-12236 Pending
- 2.5A Maximum Peak Output Current
- CMOS/TTL Compatible
- Integrated Fail-Safe IGBT Protection
- Wide Operating V_{CC} Range: 15 to 30 Volts
- 15kV/ μ s Typical Common Mode Rejection (CMR) at $V_{CM} = 1000$ V

Avago will be showcasing the new ACPL-5160 and ACPL-5161 in the Avago Booth 7-266 at the PCIM Europe 2013 exhibition in Nuremberg, Germany from May 14th to 16th.

"The development of these new hermetic gate drive optocouplers reinforces Avago Technologies' continued commitment to providing proven and unsurpassed isolation and insulation technology for harsh industrial, military and aerospace applications," said Shelley Sinclair, worldwide business director for Avago hermetic optocouplers.

[Availability](#)

Products are available in commercial grade (ACPL-5160) and may also be purchased with full MIL-PRF-38534 Class H testing (ACPL-5161) or from the pending Defense Logistics Agency (DLA) SMD 5962-12236. Please contact your local Avago Technologies sales representative for sample and pricing.

Further information on the Avago's new 2.5A hermetic gate drive optocouplers is available online at

http://www.avagotech.com/pages/en/optocouplers_hermetic/igbt_gate_drive/acpl-5160/

http://www.avagotech.com/pages/en/optocouplers_hermetic/igbt_gate_drive/acpl-5161/

http://www.avagotech.com/pages/en/optocouplers_hermetic/igbt_gate_drive/5962-1223601hec/

About Avago Technologies

Avago Technologies is a leading designer, developer and global supplier of a broad range of analog, mixed signal and optoelectronics components and subsystems with a focus in III-V compound semiconductor design and processing. Backed by an extensive portfolio of intellectual property including approximately 4,200 patents and pending applications, Avago products serve three primary target markets: wireless communications, wired infrastructure, and industrial and other. Avago has a global employee presence and heritage of technical innovation dating back 50 years to its Hewlett-Packard roots. For more information, visit Avago's website: www.avagotech.com.

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CONTACT: Press Contact:
Corporate Communications
press.relations@avagotech.com
Telephone: +1 408 435 4570

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