



## Photo Release -- Avago Technologies Announces Extended Operating Temperature Digital Optocouplers With R2Coupler Isolation

November 13, 2012

### New Compact Digital Optocouplers Operate in Extended Temperature Range With Low Power, Low Leakage, High CMR as Compared to Other Digital Optocouplers

SAN JOSE, Calif. and SINGAPORE, Nov. 13, 2012 (GLOBE NEWSWIRE) -- Avago Technologies (Nasdaq:AVGO), a leading supplier of analog interface components for wireless, wireline, and industrial applications, today announced its ACPL-M49U/K49U/M71U/M72U digital optocouplers, which are new additions to its R<sup>2</sup>Coupler™ family. These optocouplers provide a wider offering of extended temperature range digital optocouplers to the existing family and are designed to meet customer needs for low power, low leakage, higher isolation voltage and higher common-mode rejection (CMR).

A photo accompanying this release is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=15602>

Avago Technologies' extended operating temperature digital optocouplers are increasingly used in a wide variety of isolation applications ranging from power supply, computing, factory automation, data communications and digital logic interface circuits.

These new digital optocouplers, ACPL-M49U/K49U/M71U/M72U ensure the AC and DC performances over the extended temperature range of -40°C to +125°C. The ACPL-M71U/M72U devices are high speed, low power digital optocouplers with R<sup>2</sup>Coupler™ isolation and a low power consumption of 1.5mA. The ACPL-M71U uses a high-speed LED to achieve 35ns maximum propagation delay, while the ACPL-M72U uses a low current LED for lower power consumption. The ACPL-M49U/K49U are low speed, high CMR digital optocouplers, both configurable as low power and low leakage optocouplers. An internal shield also ensures a CMR of typical 30 kV/us at 1500V common-mode voltage.

The ACPL-M49U, ACPL-M71U and ACPL-M72U are single-channel optocouplers in 5-lead small-outline (SO5) packages. The ACPL-K49U is a single-channel optocoupler in an 8-lead small-outline (SO8) package.

All new optocouplers are compliant to industrial safety standards such as IEC/EN/DIN EN 60747-5-5 approval for reinforced insulation, UL 1577 and CSA.

R<sup>2</sup>Coupler™ isolation provides the reinforced insulation and reliability that delivers safe signal isolation that is critical in high temperature industrial applications.

#### U.S. Pricing and Availability

The ACPL-M49U and ACPL-K49U are immediately available in sample quantities, and will sell for \$1.13 apiece and \$1.25 apiece in lots of 10k units respectively. The ACPL-M71U and ACPL-M72U are immediately available in sample quantities, and will sell for \$1.75 apiece in lots of 10k units. Samples and production quantities are available now through the Avago direct sales channel and via worldwide distribution partners. More information of Avago optocouplers products 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 wireless, wireline, and industrial 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 worldwide. Backed by strong customer service support, the company's products serve three diverse end markets: wireless communications, wired infrastructure, industrial and automotive electronics. Avago has a global employee presence and heritage of technical innovation dating back 50 years to its Hewlett-Packard roots. Information about Avago is available on the Web at [www.avagotech.com](http://www.avagotech.com)

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