



Avago Adds High-Voltage Line Drivers to Industry-Leading Motion Control Encoder Portfolio for Industrial Automation

July 12, 2011

Three New Quad Differential Line Drivers Assure Reliable Performance in Rugged Industrial Environments with Wide Voltage and Temperature Operating Ranges

SAN JOSE, Calif. & SINGAPORE, Jul 12, 2011 (BUSINESS WIRE) --

Avago Technologies (Nasdaq:[AVGO](#)), a leading supplier of analog interface components for communications, industrial and consumer applications, today announced three new high-voltage line drivers that augment its offerings for the industrial automation market. The [AEIC-7272](#), [AEIC-7273](#) and [AEIC-2631](#) quad differential line drivers provide the additional supply voltage required for industrial applications, up to 30V. With integrated current limiting and thermal shutdown features, the line drivers protect against shorts to assure highly-reliable operation in harsh environments for industrial encoder and sensor interfaces, industrial programmable logic controllers and servo drive applications.

The new Avago line drivers are designed to meet industrial standards for encoder applications. They offer a robust operating temperature range from -55° to 125°C for the AEIC-7272 and AEIC-7273 devices and -40° to 125°C for the AEIC-2631 device. They are all available in industrial standard line driver SOIC packaging. Offering high-impedance buffered inputs with hysteresis, the line drivers provide strong noise margin even in noisy industrial control environments. Avago is exhibiting the new line drivers along with its portfolio of motion control and isolation solutions for motor applications, at the MotorTech Japan 2011 trade show in East Hall 1 booth number 1D-103 from July 20-22.

"These new high-performance line drivers improve drivability and assurance of power supply, with the durability required for rigorous industrial environments," said Hassan Hussain, general manager of the Motion Control Products Division at Avago. "Avago can now serve as a one-stop shop for complete encoder solutions, providing customers the best possible value by offering the line drivers with our market-leading portfolio of motion control encoders and decoders for industrial automation applications."

The AEIC-2631 device operates in a wide supply voltage range of 4.75V to 30V and features Tri-State outputs. The AEIC-7272 device features Tri-State outputs and the AEIC-7273 device features NPN Open-Collector outputs, and each operates from 3.5V to 30V. The line drivers' thermal shutdown feature is accomplished by monitoring junction temperature and comparing this to a band gap reference on-chip.

Additional AEIC-7272, AEIC-7273 and AEIC-2631 Line Driver Features

- Operation to 800 KHz
- CMOS and TTL compatible inputs
- Support RS-422A
- Lead-free, 16-pin SOIC package

U.S. Pricing and Availability

The Avago AEIC-7272, AEIC-7273 and AEIC-2631 line drivers are priced starting at \$2.00 each in 9600 piece quantities. Samples and production quantities are available now through the Avago direct sales channel and via worldwide distribution partners.

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 nearly 50 years to its Hewlett-Packard roots. Information about Avago is available on the Web at www.avagotech.com.

Follow Avago on Twitter at <http://twitter.com/Avagotech>.

Avago, Avago Technologies, and the A logo 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
Samer Bahou, +1-408-435-7400
Press Relations Manager
press.relations@avagotech.com