

## **esd electronics, Inc. Announces New Product Release**

*By Wilfred Voss*

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*esd electronics, Inc. announces the release of its newest product, CAN-PCIe/200, a PCI Express hardware interface for Controller Area Network (CAN) designed to high industrial standards for industrial applications.*

esd electronics, Inc. announces the release of its newest product, CAN-PCIe/200, a PCI Express hardware interface for Controller Area Network (CAN). The interface is fully ISO 11898 compatible and allows a data transfer rate up to 1 MBit/sec. As with all CAN interfaces from esd electronics, the CAN-PCIe/200 is designed according to the highest industrial standards which make it suitable for industrial applications, robotics, medical equipment and more. All interfaces are equipped with optical isolation represented by high-speed opto-couplers and DC/DC converters. The CAN controller is a Philips SJA1000.

Controller Area Network (CAN) provides high-speed serial communication between microprocessor systems and one of its characteristics is the extremely high reliability, which makes it applicable for time and safety critical applications. In addition, CAN provides cost savings by reducing the need for extensive wiring. Higher layer protocols, such as CANopen/DeviceNet for automation and J1939 for off-road vehicles, allow a wide variety of applications.

“The CAN-PCIe/200 compliments the esd electronics product line of hardware interfaces supporting CAN, CANopen, DeviceNet and SAE J1939,” said Wilfred Voss, President of esd electronics, Inc. Mr. Voss went on to say, “It will support our customers in the pursuit of improving performance of their CAN applications.” Software drivers are available for the Windows, Linux, VxWorks and QNX operating systems. A free-of-charge software development kit (SDK), including an application programming interface (API), as well as a full CAN/CANopen network analyzing software is included in the standard content of delivery.

Additional services by esd electronics, including seminars and literature on CAN, CANopen and SAE J1939, are designed not only to shorten the learning curves for beginners, but also to support experts during the development of CAN based projects.

Technical information on the CAN-PCI/200, such as data sheets and hardware/software manuals, is available in the form of downloads from our web site at <http://www.esd-electronics-usa.com>.

For further information please contact our customer service manager, Michelle Dzialo, at 413-772-3170 Ext. 200 or per e-mail at [michelle.dzialo@esd-electronics.com](mailto:michelle.dzialo@esd-electronics.com).

esd electronics, Inc. specializes in all aspects of Controller Area Network (CAN) technologies including CANopen, DeviceNet and J1939 providing CAN hardware interfaces for PCI, PCIe, cPCI, ISA, VME, PC104, and more. esd has made it a mission to provide technical information on these technologies beyond the standards.

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esd electronics, Inc. has over 20 years experience in the field of industrial automation. As a qualified system integrator we realize customer-specific developments in hardware and software. Special requirements (e.g. rugged environment, extended temperature range, explosion-proof) are considered

accordingly. We are also suppliers to the industry delivering turnkey systems according to customer requirements with a special focus on test and simulation systems. esd electronics, Inc. specializes in all aspects of Controller Area Network (CAN) technologies including CANopen, DeviceNet and J1939 providing CAN hardware interfaces for PCI, PCIe, cPCI, ISA, VME, PC104, and more.

Category	Electronics, Engineering, Manufacturing
Tags	can, canopen, devicenet, j1939, pci, cpci, pc104, vme, pmc, pcie, usb, canbus
Email	<a href="#">Click to contact author</a>
Phone	413-772-3170 x202
Fax	413-772-3171
Address	525 Bernardston Rd., Ste 1
City/Town	Greenfield
State/Province	Massachusetts
Zip	01301
Country	United States
Link	<a href="http://prlog.org/10103151">http://prlog.org/10103151</a>



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