

esd electronics, Inc introduces new EtherCAT® Master Software For Embedded Operating Systems

By esd electronics, Inc USA

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esd electronics, Inc proudly announces new addition to their EtherCAT® product line; the EtherCAT® Master software - designed with respect to high performance, small resource usage and scalability.

esd electronics, Inc. presents the release of its newest product in their EtherCAT® product line, an EtherCAT® Master software for Windows, Linux, QNX, and vxWorks.

EtherCAT® is an Ethernet-based fieldbus protocol optimized for high-speed, real-time industrial control based on a Master/Slave configuration. For instance, process data exchange with 1000 distributed digital I/O requires approximately thirty micro-seconds. Data for 100 servo axes can be updated with a frequency of up to 10 kHz. The EtherCAT® Master device requires only a standard Ethernet MAC, even without dedicated communication co-processor.

esd electronics, Inc. recently made the decision to focus on EtherCAT® in the highly competitive Ethernet technology market, and proudly announces the release of its new software product, the EtherCAT® Master Stack software for embedded operating systems. This new product will offer an opportunity for a smooth transition from established network applications into Ethernet.

Designed with respect to high performance, small resource usage and scalability, the EtherCAT® Master software has core components that are operating system (OS) and CPU architecture independent and makes a port to customer-specific application targets very easy.

The stack is available for various operating systems such as Windows, Linux, vxWorks, and QNX. Download the technical information - including datasheet and operating manual - from <http://www.esd-electronics-usa.com/EtherCAT%20Master%20Stack.html>

In addition to the Master Software esd electronics, Inc. also offers an EtherCAT® to CAN/CANopen Gateway that allows the connection of CAN/CANopen devices to an EtherCAT® network.

For future release, esd electronics, Inc. is currently working on several EtherCAT® projects such as a Soft-PLC (IEC 61131) interface, an EtherCAT® starter kit, and a VME/PMC-EtherCAT® Master board.

For further information visit our website at <http://www.esd-electronics-usa.com> or call 413-772-3170.

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esd electronics, Inc. has 20 years experience as qualified system integrators in industrial automation specializing in Controller Area Network (CAN) technologies CANopen, DeviceNet and J1939 providing CAN interfaces for PCI, PCIe, cPCI, ISA, VME, & PC104.

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Tags	ethercat, ethernet, can, canopen
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