

KPA EtherCAT® Master on INtime® 6 - Comprehensive and cost effective

17.11.2014, Lauf a.d. Pegnitz (Nuremberg) & Beaverton, OR / Haar (Muenchen)

koenig-pa GmbH (KPA), a leading provider for EtherCAT software products, announces for SPS 2014 a KPA EtherCAT Master Stack solution on new INtime 6 of TenAsys®. Using latest multicore Atom™ processors for real-time solutions provide for significant cost reductions while leveraging the advantages of EtherCAT technology. Estimated availability of the release is beginning of 2015.

Deterministic, Real-Time Performance on Low Cost Intel® Atom™ Processor-Based Platforms

The time-critical requirements of the EtherCAT master can be mapped efficiently on today's widely available Atom processors while reducing cost, system size, energy consumption, design complexity, and time to market.

Embedded developers can now consolidate real-time and general purpose applications onto a single board PC system, a solution that costs about a hundred dollars to manufacture. This is possible with latest low power, fanless platforms based on multicore Atom processors and INtime for Windows from TenAsys, running real-time and the Windows® operating system at the same time.

There is also capability for a multi EtherCAT master setup using the standalone multicore INtime Distributed RTOS. Developers can benefit from individual IP addresses for each INtime CPU core and an integrated virtual Ethernet switch allowing for standard TCP/IP based communication between INtime cores but also to the outside of the system, e.g. KPA EtherCAT Studio.

KPA EtherCAT Master and TenAsys` INtime 6.0 on SPS 2014

Hall 2, Booth 369 - koenig-pa GmbH (KPA)

Hall 2, Booth 338 - Joint Booth of EtherCAT Technology Group (ETG)

Hall 7, Booth 595 - Tenasys

About koenig-pa GmbH

koenig-pa GmbH (KPA) provides cost-effective, high quality automation technologies and integrated solutions worldwide. Since 2014 KPA is active member of the EtherCAT® Technology Group (ETG) and since then specialized of EtherCAT based software, hardware and motion products as well as services.

For more information, see www.koenig-pa.de

About TenAsys

Real-time virtualization expert, TenAsys Corporation, specializes in operating system software for the embedded computer industry, designed and optimized for the Intel x86 platforms using the Microsoft Visual Studio development environment. Since 1980, customers worldwide have entrusted TenAsys RTOS products to provide reliable deterministic control in a wide array of mission-critical applications.

For more information, visit www.tenasys.com

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