



TI extends commitment to Industrial Markets with EtherCAT

- Embedding EtherCAT technology into TI's ARM devices increases efficiency
- TI implementation of EtherCAT technology allows design flexibility
- TI devices featuring EtherCAT slave technology coming in 4Q 2011

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A man in a suit is standing to the right of the screen, holding a small device, likely a remote or a phone, and appears to be presenting. The audience's heads are visible in the foreground, looking towards the screen.

EtherCAT Slave Controller Timeline

ASIC

µC, µP

The Share and other µC + µP families

FPGA

2004 2005 2006 2007 2008 2009 2010 2011 2012

HiScher neoX 100/500

Backhoff ET1200

Backhoff ET1100

HiScher neoX 60

IP-Core for Altera Cyclone-II

IP-Core for Xilinx Spartan-3

IP-Core for Altera Stratix-IV

IP-Core for Xilinx Spartan-6

IP-Core for Altera Cyclone-IV

IP-Core for FPGA of Intel Atom E8x5C

IP-Core for Xilinx Xilinx-7

IP-Core for Altera Stratix-IV



Seminar series in Great Britain and Switzerland

The ETG Industrial Ethernet seminar series have been successfully continued in Great Britain and Switzerland. The events purposefully address fieldbus users. Apart from the actual presentation of the technology, the all-day seminars consisted, above all of application-related presentations, for example on migration from traditional fieldbuses to EtherCAT, or on specific competitive advantages for machine manufacturers that are possible thanks to the EtherCAT technology.



Automation World in Korea

The first trade fair booth of the ETG in Korea at the Automation World in Seoul was organized by the Korean ETG office under the direction of Key Yoo. In addition to a large number of EtherCAT applications, the booth also exhibited a selection of EtherCAT products, including some from Korean manufacturers.



ETG booth at the Embedded World

EtherCAT does not need switches, the master is implemented in software on standard Ethernet ports and inexpensive chips are available for slave devices. EtherCAT is thus ideally suited for internal (Embedded) applications in devices where CAN or serial interfaces reach the limits of their performance. For this reason the ETG exhibited at the Embedded World in Nuremberg, Germany – and met with great interest there: besides many new customers, several developers from ETG members also visited the booth and took the opportunity to “talk shop” with the EtherCAT experts.



SIAF in Guangzhou

ETG in China

Demand for EtherCAT is also growing strongly in China. Beryl Fan, Manager of the ETG office in Beijing, says: “We are seeing an increased interest and ever increasing acceptance of the EtherCAT technology and its advantages on the part of visitors.” The ETG booths at the SIAF show in Guangzhou and at the FA/PA show in Beijing were well attended.



FA/PA in Beijing

ETG at Hannover Messe

With 65 joint exhibitors and over 280 EtherCAT products at the ETG booth alone, the association once again sent a clear message at Hannover Messe: no other fieldbus organization can exhibit anywhere near as many devices. One of the highlights of the exhibition booth was the world record multi-vendor drive demo: 35 drives from 24 manufacturers separately and synchronously driven on just one EtherCAT bus system.

