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Xilinx Welcomes You to DesignCon West 2005

Hi! Welcome to DesignCon West 2005, the premier educational conference and technology exhibition. This gathering is exclusively for practicing engineers in the semiconductor and electronic design communities, with an emphasis on design challenges and solutions.

One of the major reasons why Xilinx® is participating in DesignCon West 2005 is the focus on gigabit serial backplanes and 90 nm silicon manufacturing technologies. Xilinx already has one of the industry's most advanced 90 nm devices in the Virtex™-4 FPGA.

With an architecture optimized for domains, the Virtex-4 FPGA offers designers an unprecedented 17 devices to best suit their needs. Virtex-4 FX FPGAs – optimized for the connectivity domain – will have 622 Mbps-11.1 Gbps RocketIO™ multi-gigabit transceivers (MGTs). These are based on the proven 10.3125 Gbps MGTs in Virtex™-II Pro X FPGAs, which have been used by customers in multiple designs to perform a multitude of functions.

Virtex-II Pro X FPGAs are being showcased in the Xilinx booth (# 224) as well as in multiple partner booths including Tyco Electronics (# 731), Mentor Graphics (# 633), Meritec (# 727), Molex (# 200), Teradyne (# 211), FCI (# 521), and Ansoft (# 217), driving backplanes and cables at rates as high as 10 Gbps.

We are also participating in the OIF CEI Interoperability Demonstration in booth #647, featuring the latest advances in CEI technology sponsored by the Optical Internetworking Forum. The live demonstration will showcase how the recently approved CEI IA, and continuing CEI work in progress, can interoperate across multiple vendors' transmitters, backplanes, and receivers. The focus of the demonstration will be on 6 Gbps short reach, 11 Gbps short reach, 6 Gbps long reach, and 11 Gbps long reach. For more information, visit www.oiforum.com.

Another hot technology we are demonstrating in the Xilinx booth is a design kit for AdvancedTCA line cards, jointly developed by Xilinx and our distributor partner Avnet.

I invite you to see the demonstrations in our booth as well as those of our partners. If you have any questions about the demonstrations or any Xilinx products, please ask our booth staff and they will be happy to help you out.

Thank you and enjoy the show!



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