

PRESS RELEASES

- FOR IMMEDIATE PUBLICATION -

Silica Announces Xilinx Virtex-4 LX Evaluation Kit

November 23, 2004 – Silica, semiconductor distribution specialist of Avnet Electronics Marketing, has released the Xilinx Virtex-4 LX25 Evaluation Kit, one of the first on the market supporting this domain-optimized FPGA platform. The evaluation kit features an XC4VLX25-FF668 device optimized for general logic integration applications. Integrated peripherals give a developer the capability of testing how the Virtex-4 LX FPGA can be used with a variety of output devices, memory options and bus architectures.

The Virtex-4 family is the first embodiment of the ASMBL columnar architecture, a breakthrough from Xilinx in resource allocation mix. Fully functioning demonstrations are included with the kit to exercise peripherals featured on the evaluation board, enabling a quick start to device familiarization. The Virtex-4 LX Evaluation Kit includes schematics, user's guide, bill of materials, wall mount USA power supply (5V) and a comprehensive board support package to further accelerate time to market. The kit offers Ethernet, USB 2.0 and Serial interfaces and additional expansion capability via daughter cards connected to the AvBus backplane. The Virtex-4 LX25 Evaluation Kit includes the following:

The Virtex-4 LX Evaluation Kit is available for purchase at Silica now and is priced at \$ 349.

<p>Features</p> <ul style="list-style-type: none">• Xilinx Virtex-4LX25 FPGA• Xilinx platform FLASH• Cypress CY7C68013 USB 2.0 controller• 128x64 OSRAM graphical display<ul style="list-style-type: none">• 8MB FLASH• 32MB DDR SDRAM• Texas Instruments• CDC5801 clock multiplier/divider<ul style="list-style-type: none">• RS-232 console interface• AvBus connectivity	<ul style="list-style-type: none">• Industrial control<ul style="list-style-type: none">• Imaging• Communications <p>Kit contents</p> <ul style="list-style-type: none">• Xilinx Virtex-4 evaluation board<ul style="list-style-type: none">• User's guide• Bill of materials• Schematics• Wall mount power supply (5V)*• VHDL source code for sample design
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About Silica

Silica, a division of Avnet Electronics Marketing EMEA (Europe, Middle-East, Africa), is a highly specialised semiconductor distributor. Silica has 37 sales & marketing offices throughout Europe and provides a broad portfolio of semiconductor products and solutions from world leading suppliers to all market segments in the electronics industry. The company's Web site is located at www.silica.com.

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