Avnet Electronics Marketing and Digilent, Inc. Introduce the ZedBoard™, a Community-Based Development Kit for the Zynq™-7000 Extensible Processing Platform

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PHOENIX--(BUSINESS WIRE)--[1] Avnet Electronics Marketing [2], an operating group of Avnet, Inc. [3] (NYSE: AVT), and Digilent, Inc. today announced that order entry is now available for the ZedBoard™, a community oriented development kit for the Xilinx, Inc. (NASDAQ: XLNX) Zynq™-7000 Extensible Processing Platform (EPP). ZedBoard is ideal for designers and students who are interested in exploring and prototyping their application ideas for the new Zynq-7000 EPP architecture. The commercial version of the ZedBoard is available from Avnet for $395; the academic version is available from Digilent for $299. For more information visit www.ZedBoard.org.[4]

Click to Tweet: [5] Avnet and Digilent announce the #ZedBoard based on the @XilinxInc Zynq-7000 EPP. Details here: [6] http://avnet.me/36285

Features of the ZedBoard include:

- Xilinx Zynq™ XC7Z020 EPP device
- Memory (512 MB DDR3, 256 MB QSPI Flash, 4 GB SD Card)
- On-board USB JTAG programming
- 10MHz/100MHz Ethernet
- USB OTG 2.0 and USB-UART
- PS & PL I/O expansion (FMC, Pmod™, XADC)
- Multiple display output capability (1080p HDMI, 8-bit VGA, 128x32 OLED)
- 12 Audio Codec

The ZedBoard kit includes the ZedBoard, power supply, USB cable, and pre-configured SD card containing a bootable Linux reference design. ZedBoard.org [6] will host additional user created reference designs and projects, enabling the community of Zynq 7000 EPP designers to collaborate and share design ideas.

“Avnet worked alongside a number of our supplier partners to develop a feature-rich development board at an attractive price point,” said Jim Beneke, vice president, global technical marketing, Avnet Electronics Marketing. “The functionality of ZedBoard, coupled with the added benefit of the ZedBoard.org [6] community, gives engineers the opportunity to create and share design projects and add-on modules that will accelerate their application development.”

“Digilent is excited to help bring Xilinx's Zynq technology to universities and broader markets worldwide,” said Clint Cole, president and co-founder, Digilent, Inc. “Zynq's combination of dual ARM® cores and programmable logic on a single device means engineers with more diverse backgrounds can build highly integrated systems.” Cole added, “The ZedBoard surrounds the Zynq chip with everything needed to build high-performance, application-specific digital systems. All of the interfaces have been thoroughly tested and debugged, so engineers and students can start working with their specific designs immediately.”

“The ZedBoard serves as an exceptional evaluation and starter platform for engineers new to the Zynq-7000 EPP and its combination of an industry-standard ARM dual-core Cortex-A9 MPCore processing system with Xilinx 28nm programmable logic,” said Jim Bumham, Xilinx's Boards and Kits product manager. “The ZedBoard delivers an optimal balance of features, low risk and low costs to engineers designing for a wide range of control, bridging, communications, and intelligent video applications.”

Currently, the ZedBoard is on display at Avnet’s X-fest technical events. Upcoming locations include Vancouver and Toronto and multiple stops in Asia. For the full list of events, visit www.avnet.com/X-fest.[11]

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About Avnet Electronics Marketing
Avnet Electronics Marketing is an operating group of Phoenix-based Avnet, Inc. that serves electronic original equipment manufacturers (OEMs) and electronic manufacturing services (EMS) providers in more than 70 countries, distributing electronic components to leading manufacturers and providing associated design chat [16] and supply chat [17] services. The group’s website is located at www.em.avnet.com [18].

About Avnet, Inc.
Avnet, Inc. (NYSE: AVT), a Fortune 500 company, is one of the largest distributors of electronic components, computer products and embedded technology serving customers in more than 70 countries worldwide. Avnet accelerates its partners' success by connecting the world’s leading technology suppliers with a broad base of more than 100,000 customers by providing cost-effective, value-added services and solutions. For the fiscal year ended July 2, 2011, Avnet generated revenue of $26.5 billion. For more information, visit www.avnet.com [19].


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