



POWERFUL EVALUATION KIT FOR
THE ZYNQ-7000 EXTENSIBLE
PROCESSING PLATFORM

ZYNQ-7000 EPP ZC702 EVALUATION KIT

» Xilinx Solution Highlights

- Productivity-boosting kit, including silicon, development tools, IP, and reference designs
- Wide feature set, with abundant I/O expandability, to develop solutions for most markets
- Foundation for Zynq-7000 EPP-based designs
- Best-in-class tools, operating system support, and ecosystem (including ARM community)

» A New Class of Devices: Zynq-7000 Extensible Processing Platform

- ARM® dual-core Cortex™-A9 processor meets Xilinx 28nm programmable logic
- ASIC-like performance and power with the flexibility of an FPGA and ease of programming of a microprocessor
- Flexibility to create a custom ARM-based ASSP by adding peripherals and accelerators to the programmable logic

The Xilinx® ZYNQ™-7000 EPP ZC702 Evaluation Kit gives developers a complete development platform including hardware, development tools, IP, and pre-verified reference designs. The included targeted reference design jump-starts development, and enables in-depth exercising of the ARM processing system and Xilinx 28nm scalable optimized programmable logic architecture. Additional reference designs and industry-standard FPGA Mezzanine Connectors (FMCs) let developers scale and customize designs using Xilinx and third-party daughter cards to best fit their application and system with this development board. This evaluation kit offers a wide feature set and abundant I/O expandability, to shorten time to market for applications that call for industry-leading performance, feature differentiation, and power efficiency.

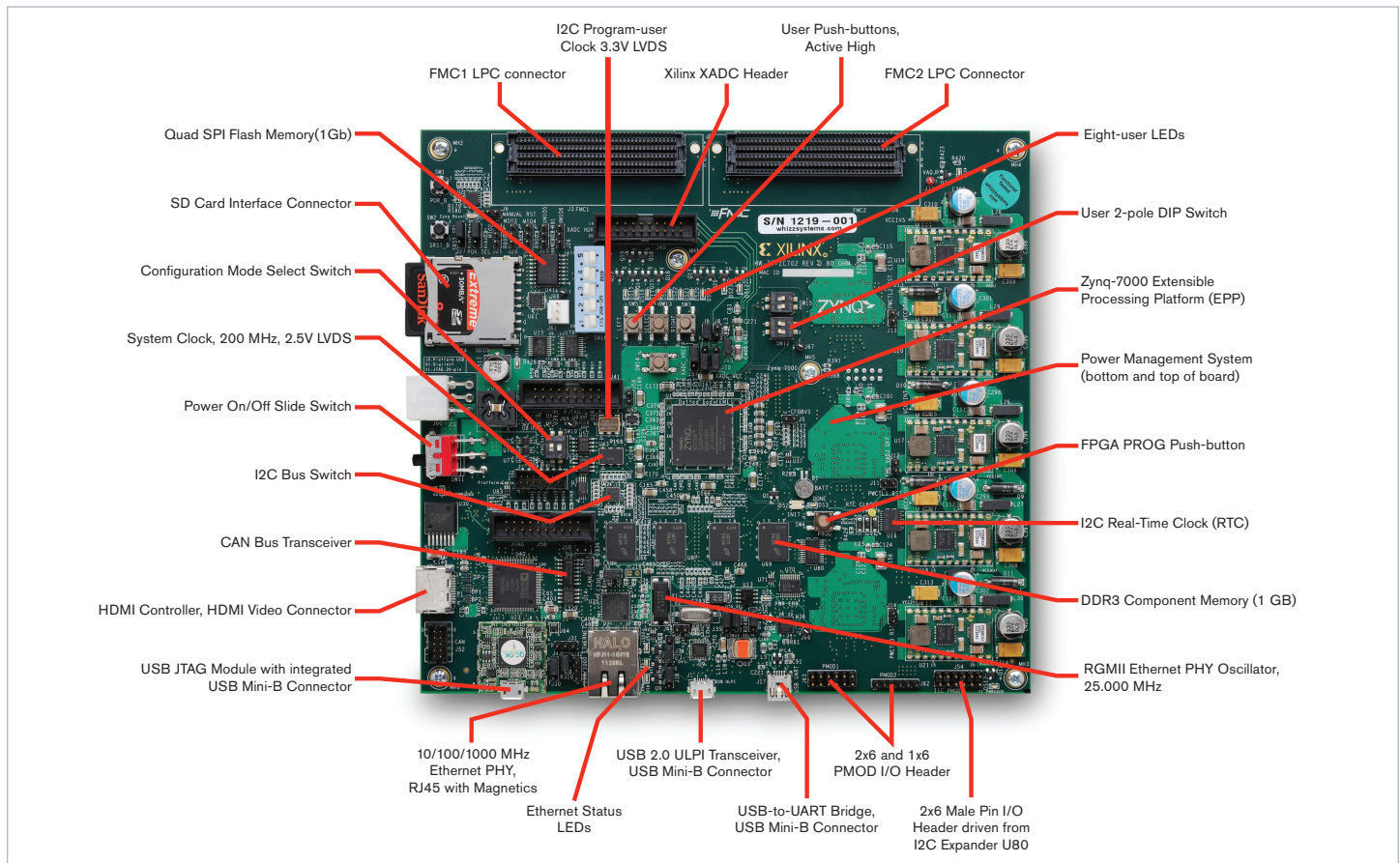
What's Inside the ZC702 Evaluation Kit

- ZC702 Evaluation Board featuring the XC7Z020-1CLG484CES device
- Agile Mixed Signal (AMS)
- Full seat ISE® Design Suite Embedded Edition
- Cables and Power Supply:
 - Universal 12V power supply
 - USB cables, Ethernet cable
 - 8 GB Class 4 SD card
- USB Flash Drive (contains documentation, designs, and demos)

Documentation, Designs, and Demos

- Step-by-Step Getting Started Guide
- Hardware User Guide
- Reference Design and Design Example User Guide
- Schematics and PCB files
- Demonstrations
- Board design files

ZC702 EVALUATION BOARD



Take the NEXT STEP

For more information about the ZC702 Evaluation Kit, please visit: www.xilinx.com/zc702

For more information about the Zynq-7000 EPP product family, please visit: www.xilinx.com/zynq

Corporate Headquarters

Xilinx, Inc.
2100 Logic Drive
San Jose, CA 95124
USA
Tel: 408-559-7778
www.xilinx.com

Europe

Xilinx Europe
One Logic Drive
Citywest Business Campus
Saggart, County Dublin
Ireland
Tel: +353-1-464-0311
www.xilinx.com

Japan

Xilinx K.K.
Art Village Osaki Central Tower 4F
1-2-2 Osaki, Shinagawa-ku
Tokyo 141-0032 Japan
Tel: +81-3-6744-7777
japan.xilinx.com

Asia Pacific Pte. Ltd.

Xilinx, Asia Pacific
5 Changi Business Park
Singapore 486040
Tel: +65-6407-3000
www.xilinx.com



© Copyright 2012 Xilinx, Inc. XILINX, the Xilinx logo, Virtex, Spartan, ISE and other designated brands included herein are trademarks of Xilinx in the United States and other countries. All other trademarks are the property of their respective owners.

Printed in the U.S.A. PN 2514