

Dear Design Professional,

Thank you for purchasing the Altera<sup>®</sup> Cyclone<sup>®</sup> V E FPGA Development Kit. This kit is a complete design environment that includes both the hardware and software needed to begin developing FPGA designs immediately. The Cyclone V E FPGA board combined with the Quartus<sup>®</sup> II software provide all that's needed to begin prototyping for a variety of applications. You can use this development kit to:

- Develop and test memory subsystems consisting of DDR3 and LPDDR2 memories
- Measure FPGA power using the integrated power measurement circuitry and GUI
- Take advantage of the modular and scalable design by using high-speed mezzanine card (HSMC) connector to interface to one of over 40 different HSMCs provided by Altera partners, such as analog to digital converters, debug headers, and many others

Your Cyclone V E FPGA Development Kit includes the following hardware and software:

#### Hardware

- Cyclone V E FPGA development board
- Debug HSMC
- Ethernet cables
- AC adapter power supply

#### Software

- Cyclone V E FPGA Development Kit Installer:
  - Board design files, reference manual, and user guide
  - Board Update Portal and Board Test System (BTS)Download at <http://www.altera.com/products/devkits/altera/kit-cyclone-v-e.html>
- Altera's Complete Design Suite
  - Free Quartus II Web Edition software license
  - Nios<sup>®</sup> II Embedded Design Suite
  - MegaCore<sup>®</sup> intellectual property (IP) library available through OpenCore Plus evaluation, Triple-Speed Ethernet, LPDDR2 SDRAM, and DDR3 SDRAM MegaCore IP coresDownload at [www.altera.com/download/software/quartus-ii-we](http://www.altera.com/download/software/quartus-ii-we)

Note that CDs and DVDs are not included with this kit. You can download the latest files available for this kit and Quartus II software (if needed) at <http://www.altera.com/products/devkits/altera/kit-cyclone-v-e.html>. If you prefer to have a CD or DVD copy of the Cyclone V E FPGA Development Kit installer and Quartus II software delivered to you, contact an Altera sales representative at 1-888-800-0631 or order online at [www.altera.com/literature/lit-index.html](http://www.altera.com/literature/lit-index.html). For other related resources, visit the following links:

- Cyclone V FPGA documentation  
[www.altera.com/literature/lit-cyclone-v.jsp](http://www.altera.com/literature/lit-cyclone-v.jsp)
- Cyclone V device page  
[www.altera.com/devices/fpga/cyclone-v-fpgas/cyv-index.jsp](http://www.altera.com/devices/fpga/cyclone-v-fpgas/cyv-index.jsp)
- Email subscription to receive new or updated technical documentation  
[www.altera.com/subscriptions/email/signup/eml-index.jsp](http://www.altera.com/subscriptions/email/signup/eml-index.jsp)

For any additional questions on this product, please contact your local Altera sales representative.

Sincerely,



Trung Tran Platform Marketing Manager  
Altera Corporation