Altera Corporation
101 Innovation Drive
San Jose, CA 95134
408-544-7000

Dear Design Professional,

Thank you for purchasing the Altera® Cyclone® V GT 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 PCI Express® (PCIe®)-based form-factor board combined with the Quartus® 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 PCIe-based designs using the PCI-SIG®-compliant development board
- Develop and test memory subsystems consisting of DDR3 memory
- 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) connectors to interface to one of over 40 different HSMC cards provided by Altera partners and supporting protocols, such as Serial RapidIO®, Gigabit Ethernet, Common Public Radio Interface (CPRI), OBSAI, and many others

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

Hardware

- Cyclone V GT FPGA development board
- One-year license for the Quartus II Development Kit Edition software
- Loopback and debug HSMCs
- Ethernet cables
- AC adapter power supply

Software

- Cyclone V GT FPGA Development Kit Installer:
  - Board design files, reference manual, and user guide
  - Board Update Portal and Board Test System (BTS)

  Download at www.altera.com//products/devkits/altera/kit-cyclone-v-gt.html
- Altera's Complete Design Suite
  - Free license for Quartus II Web-Edition software
  - Nios® II Embedded Design Suite
  - MegaCore® intellectual property (IP) library available through OpenCore Plus evaluation and includes PCIe, Triple-Speed Ethernet, 3G HD/SD SDI, and DDR3 SDRAM MegaCore IP cores

  Download at https://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 www.altera.com/products/devkits/altera/kit-cyclone-v-gt.html. If you prefer to have a CD or DVD copy of the Cyclone V GT 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. For other related resources, visit the following links:

- Cyclone V FPGA documentation
  www.altera.com/literature/lit-cyclone-v.jsp
- Cyclone V device page
  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
- Quartus II licensing
  http://www.altera.com/literature/ug/ug_cvgt_fpga_dev_kit.pdf

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

Sincerely,

David Olsen, Product Marketing Manager
Altera Corporation