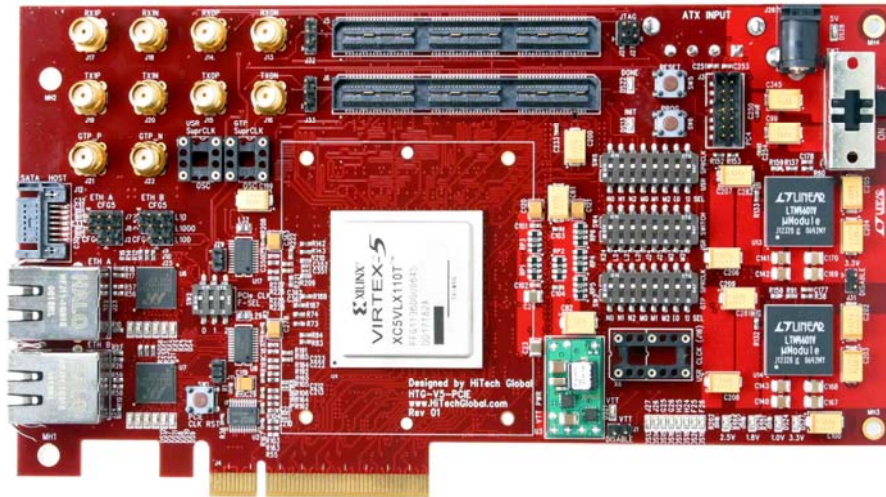


Xilinx Virtex™-5 PCI Express® Development Platform



► Main Features:

- Xilinx Virtex-5 XC5VLX110T-FF1136 (LX50T & SX95T options are also available)
- 8-Lane PCI Express End-Point Connector (upstream)
- Adjustable PCI Express Jitter Attenuator IC
- One Serial ATA (SATA I & II) Connector
- One SGMII Ethernet Connector (using one RocketIO™ GTP)
- One Tri-Mode Ethernet Connector (10/100/1000)
- Eight SMA Connectors (4 Tx & 4 Rx) - Connected to two RocketIO GTPs (with external clock support)
- 512 MB DDR-2 SO-DIMM (Up to 2 GB)
- 4 MB Platform Flash Memory
- 64 Pairs of 2.5V LVDS IOs
- Two Super clocks with dip switch control
- FPGA configuration through PCIe bus, Jtag, & Platform Flash
- Stand Alone support (using 5V supply)
- ATX Power
- 8 Inches x 4.25 Inches
- Dedicated 5.0V & 3.V supply for add-on modules
- PCIe Reset button, LEDs, & user switches

► Kit Content:

- Virtex-5 PCI Express Board
- PCIe Back-End / DDR-2 & ChipScope Pro™ IBERT Reference Designs
- PCIe Linux/Windows Drivers (30-day evaluation)
- User Manual & Schematics (.pdf)

► Ordering Information:

- HTG-V5-PCIE-110 (LX110T version)
- HTG-V5-PCIE-50 (LX50T version)
- HTG-V5-PCIE-95 (SX95T Version)

► Optional Accessories & Tools:

- Xilinx ISE Foundation
- Xilinx USB Programming Cable
- High-Speed board-to-board Cable
- PC for PCI Express Development
- SMA To SATA Conversion Module
- SMA To SFP Conversion Module
- SMA To SMA Cable

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