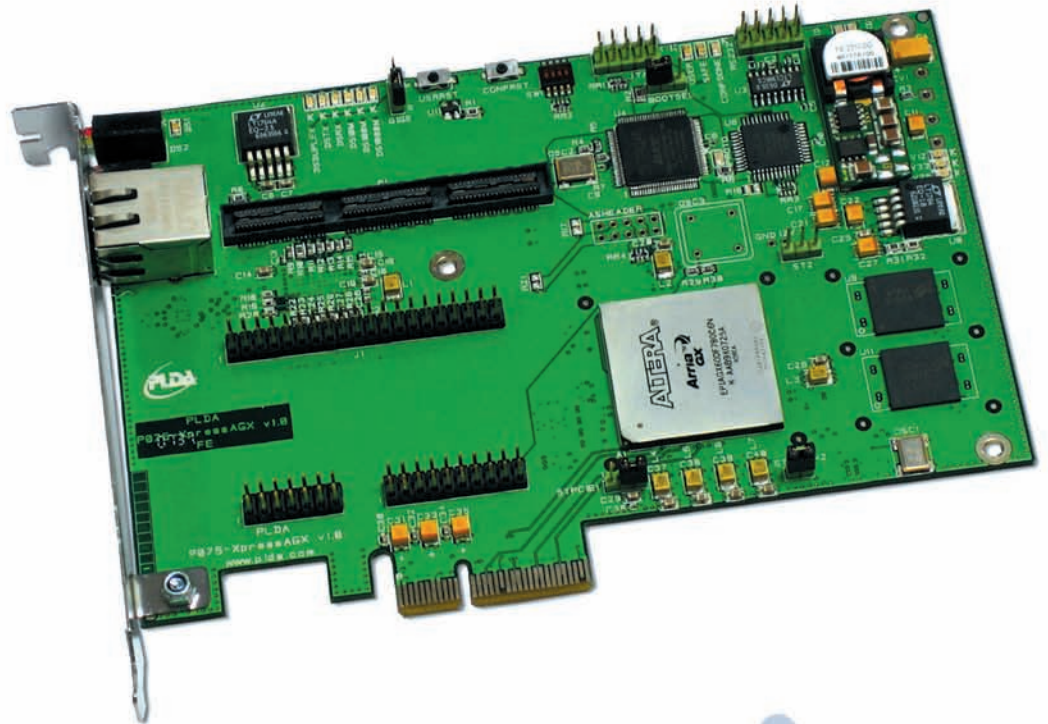


XPRESSAGX

PROTOTYPING BOARD FOR PCIe



PCI Express x4 Board for Altera ArriaGX



Applications

- PCIe x1 ,x4 Endpoint and PCIe x4 Cabling
- FPGA Prototyping
- Based on the Altera ArriaGX device

Benefits

Secure & Proven Solution:

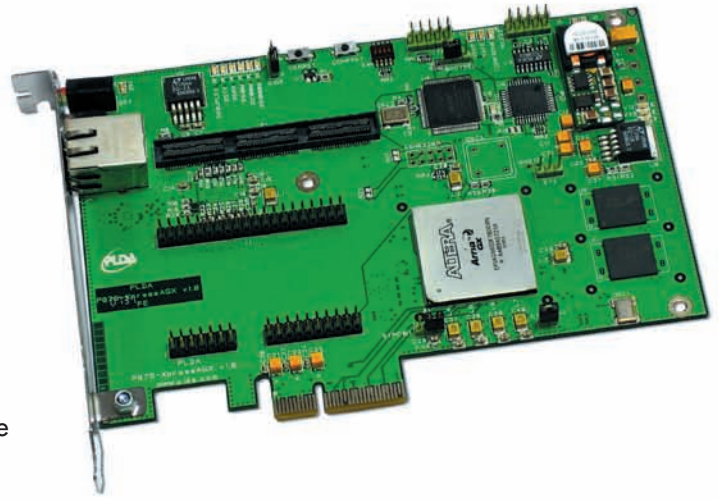
- PCI-SIG compliant product
- Includes PCI-SIG Compliant IP Core for PCIe
- Extensive Validation testing

Minimize time to market:

- Includes FREE PLDA PCIe Testbench
- Support directly from the IP design team
- Immediate design and testing of Endpoint projects

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PCI EXPRESS®



> Features

- PCIExpress 4 lanes
- High-Speed Interface
- 32M x 32 DDR2 SDRAM-
- 2 boot sectors configurable through PCIe
- User Flash: 16M
- PCIe ref design
- DDR2 test design
- Quartus II web edition software (free)
- Optional daughterboards available:
 - **SFP daughterboard:** 3 SFP connectors available on daughterboard & 1 Gigabit link on SMA connector (Ordering Code SFP_HSI)
 - **Camera Link:** interface for vision application (Ordering Code KLINK_BASE)
 - **PCIe x1 and x4 cabling:** (Ordering Code PCIEC4_D, PCIEC4_U)

> Deliverables

- XpressAGX Board
- XpressFlash PCIe software
- Technical support and maintenance
- Complete documentation :
 - XpressAGX Reference Manual
 - Getting Started Guide
 - Schematics
 - XpressAGX Build history

PLDA (PLDA – www.plda.com) designs and sells a wide range of FPGA and ASIC interfacing solutions for the PCI and derivative markets (PCI Express, PCI-X, CompactPCI, and PC104/PC104+).

We provide complete solutions to a global market, including IP cores, hardware, software, consulting services, and comprehensive technical support provided directly by the IP designers.

Our success is driven by our expertise in designing Intellectual Property Cores and related boards for ASICs, Structured-ASICs, and FPGAs for high-speed buses, including: PCI Express, PCI-X, PCI, PXI, AHB-PCI.

Founded in 1996, PLDA is headquartered in Aix-en-Provence, France and has offices in San Jose, California. Its products are available worldwide through a strong distribution network.



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