



Solution Includes:

- **PCI-X Core**
 - Interfaces to PCI-X Bus
- **PCI Core**
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- **DMA Back-End Core**
 - High-performance, multi-engine DMA operation
 - Simplified Target and Register interfaces
 - Enables additional user ports to be easily integrated
 - Works with Northwest Logic PCI Express Core also enabling easy migration to PCI Express
- **Multi-Port Front-End & Memory Controller Cores**
 - High-performance, multi-port memory interface
 - Supports all standard DRAMs (DDR3/DDR2/DDR SDRAM, Mobile DDR/SDR SDRAM, RLDRAM II)
 - Enables additional user ports to be easily integrated
- **PCI-X / PCI Verification Suite**
 - Full-featured PCI-X / PCI Bus Functional Model
- **DMA Driver**
 - Supports high-performance, multi-engine DMA operation
 - Supports 32 and 64 bit addressing

Key Features:

- Enables high-performance, application-specific designs to be quickly and easily created
- Fully hardware validated and PCI-SIG certified
- PCI-X and PCI Bus Support
- Minimal ASIC gate count
- Simple, easy-to-use interfaces
- Broad range of ASIC and FPGA platforms supported
- Source code available
- Provided with expert technical support
- IP Customization and Logic, Board, and Software Development services available