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PCI Express Bridges

The Tundra Tsi384™ and Tsi381™/Tsi382™ bridge between x4 PCIe and x1 PCIe, respectively, to PCI-X and PCI standards. All parts are compliant to the latest specifications including PCI Express Base Specification 1.1. Delivering low latency, high performance, and simple design and board layout requirements, the Tsi384™, Tsi382™, and Tsi381™ offer significant advantages in: cost, power, board space, and ease of design. The Tsi38x bridges offer extensive flexibility by supporting transparent, opaque, and non-transparent addressing modes. With best-in-class performance, solution cost, and quality, these devices are providing customers access to new design opportunities in a wide range of PCI Express applications.



FEATURES

- › Most advanced PCIe bridges: Compliant to the latest PCIe and PCI-X specifications
- › Smallest footprint: Tsi382™ x1 PCIe to PCI bridge enables designs where board space is constrained
- › Highest quality: Proven interoperability ensures lower development risk and design churn
- › Simplest design: No power sequencing restrictions and only two power supply voltages required
- › Highest performance: Low latency, high throughput, and innovative features provide significant advantages
- › Pinout compatible with other PCIe bridges offering low risk replacement or second source for existing designs