

PLX Technology, Inc.

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www.plxtech.com**PCIe Bridges**

PLX Technology offers high-performance PCI Express (PCIe) ExpressLane™ bridges that enable designers to migrate legacy PCI, PCI-X, and Local bus interfaces to the high-speed, serial PCI Express architecture.

The PEX 8111 is the world's smallest, low-power PCIe bridge that provides a x1 PCI Express link and a parallel bus segment supporting conventional PCI operation.

The PEX 8114 is the most flexible PCIe bridge equipped with a standard PCI Express port that scales to x1, x2, or x4 and a parallel bus segment supporting the PCI-X protocol or conventional PCI operation.

The PEX 8311 is a multipurpose bridge that includes a x1 PCI Express link to 32-bit, 66 MHz Generic Local Bus, enabling scalable high bandwidth to a variety of embedded systems.

All PCI Express ExpressLane Bridges are available now.

The PLX ExpressLane PCI Express family of bridges and switches is being designed into the first wave of PCI Express-based systems.

To view our complete line of PCI Express (PCIe) ExpressLane bridges, go to:

www.plxtech.com/products/expresslane/bridges.asp

Contact PLX today at www.plxtech.com or 1-800-759-3735.

**FEATURES:**

- Each device includes an integrated PCI Express PHY that provides 2.5 Gbps PCI Express lane speed
- Each device's PCI Express port is compliant with the PCI-SIG specification 1.0a with polarity reversal
- PEX 8111 and 8114 support forward/reverse bridging while PEX 8114 also offers nontransparent bridging mode
- PEX 8111's 10 x 10 mm package is ideal for applications with limited board space and power budget
- PEX 8311 offers direct connection to two industry-standard interconnect buses
- PEX 8311 includes two DMA channels to offload CPU
- PEX 8111 is available in a 144 PBGA and 161 Fine Pitch PBGA
- PEX 8114 is available in a 256 PBGA
- PEX 8311 is available in a 337 PBGA