

PLX Technology, Inc.

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**PCI Express® I/O Interconnect Switches**

PLX offers the industry's largest selection of PCI Express (PCIe) Switches ranging from 5 to 48 lanes and 3 to 9 ports. PLX's ExpressLane™ PCI Express Switches enable users to add scalable high-bandwidth interconnects to a wide variety of applications including servers/workstations, storage systems, communications platforms, blade servers, high-end graphics, and embedded control products.

The PEX 8548, PEX 8547, PEX 8533, and PEX 8525 offer high-performance fan-out boasting the industry's lowest latency at 110 ns. Featuring a native Cut-Thru architecture, a max payload size of 1 KB, Weighted Round Robin Port Arbitration, 3 Standard Hot-Plug Controllers, and an I2C interface, these switches are ideal for high-end applications requiring fan-out.

The PEX 8532, PEX 8524, and PEX 8516 switches support Non-Transparent Bridging and a Standard Hot-Plug Controller on each port. The Non-Transparent Bridging allows for dual-host support in fail-over applications used in storage systems, communications platforms, or intelligent adapter cards.

The PEX 8518, PEX 8517, and PEX 8508 offer high-performance fan-out for lower-end applications and boast the lowest latency among 16- and 8-lane switches at 150 ns. Featuring a Cut-Thru architecture, Non-Transparent Bridging, and a Standard Hot-Plug Controller on every port, these switches are ideal for NICs, HBAs, AdvancedMCs, Notebook Docking Stations, and Intelligent I/O modules.

The PEX 8509 and PEX 8505 are the industry's first and only switches offering an equal number of lanes and ports. Featuring a native Cut-Thru architecture, a max payload size of 1 KB, and three Standard Hot-Plug Controllers, these switches are ideal for backplane and embedded control applications requiring high connectivity.

All of these PLX PCI Express Switches are available now.

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

**FEATURES**

- › PEX 8548 – 48 lanes, 9 ports, Typical Power 4.9 W
- › PEX 8547 – 48 lanes, 3 ports, Typical Power 4.9 W
- › PEX 8533 – 32 lanes, 6 ports, Typical Power 3.3 W
- › PEX 8525 – 24 lanes, 5 ports, Typical Power 2.6 W
- › PEX 8532 – 32 lanes, 8 ports, Typical Power 5.7 W
- › PEX 8524 – 24 lanes, 6 ports, Typical Power 3.9 W
- › PEX 8516 – 16 lanes, 4 ports, Typical Power 3.2 W
- › PEX 8518 – 16 lanes, 5 ports, Typical Power 2.6 W
- › PEX 8517 – 16 lanes, 4 ports, Typical Power 2.6 W
- › PEX 8508 – 8 lanes, 5 ports, Typical Power 1.6 W
- › PEX 8509 – 8 lanes, 8 ports, Typical Power 1.5 W
- › PEX 8505 – 5 lanes, 5 ports, Typical Power 1.5 W