XIO3130 PCI Express Fanout Switch

The Texas Instruments XIO3130 is an integrated PCI Express fanout switch solution with one upstream x1 port and three downstream x1 ports. This high-performance integrated solution provides the latest in PCI Express switch technology, including cut-through architecture and integrated reference clock buffers for downstream ports. The XIO3130 is fully compliant with the PCI Express Base Specification Rev. 1.1. It supports Advanced Error Reporting as defined in the PCI Express base specification and is backward-compatible with the PCI Local Bus Specification, Rev. 2.3.

Target Market

The primary purpose of the XIO3130 as a fanout device is to efficiently expand the computing resources of the chipset to multiple I/O ports thereby enhancing system functionality and flexibility. Target applications for the XIO3130 include PCs, servers, storage, industrial control and imaging.

Extending PC Connectivity to LCD Monitor

The switch implemented in a split chassis configuration where it is used with the XIO2000A to add advanced features in an LCD monitor such as ExpressCard slot, PCI Express-based TV-tuner, and any number of PCI-based features normally available in a desktop.