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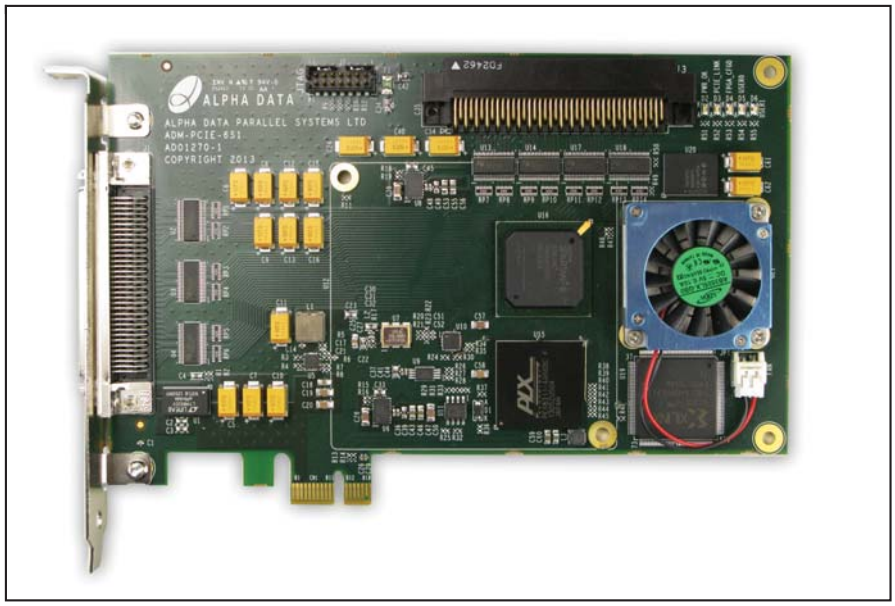
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Find the *Alpha Data ADM-PCIe-6S1* at our website: *Click HERE*

Product Outline



The **ADM-PCIE-6S1** is a half-length PCI Express Add-In Card based around the Xilinx Spartan-6 FPGA. The card supports the LX25, LX45, LX75, LX100 and LX150 devices in the FGG484 package.

A x1 PCI Express to Local Bus Bridge relieves the user of the need to integrate a proprietary core in their FPGA design. The bridge device allows the board to be immediately identified on the PCI bus by the host system and in turn recognised by the ADM-XRC Series Driver. This exposes a set of C API calls, enabling the user to easily perform tasks such as configuring the FPGA and transferring data in and out of the FPGA.

Product Features:

- The card offers extensive off-board connectivity
  - Front I/O SCSI-2 connector providing 34 I/O signals
  - Rear I/O IDC connector providing a further 64 I/O signals.
- Industry standard PCI Express plug-in card format
- Support for the LX25, LX45, LX75, LX100 and LX150 Spartan-6 FPGA devices
- On-board re-programmable flash memory for embedded configuration
- Wide range of IP cores available
- High-performance bus-mastering PCI Express interface
- Local Bus interface to FPGA
- High-density Front I/O connector in standard SCSI-2 format
- 64-way I/O IDC connector compatible with Alpha Data PMC carrier cards
- Header for use with Xilinx JTAG cable to allow Xilinx ChipScope debugging
- Programmable Clock Generator
- Software Development Kit

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