

PCI 9050

Bus Target Interface Chip

Features

- PCI Specification 2.1 Compliant Target Interface Chip supporting low cost slave adapters
- Up to five local bus address spaces and four chip selects
- Bi-directional FIFO for zero wait-state burst operation
- PCI Bus transfers up to 132 Mbytes/second
- Supports multiplexed and non-multiplexed 8-, 16-, and 32-bit generic local buses
- Local bus runs asynchronously to the PCI clock
- Supports Big/Little Endian byte conversion
- Low power CMOS in 160-pin PQFP package

Overview

As PCI gains momentum as the preeminent backplane standard, suppliers of add-in cards of all types are rushing to get PCI versions to market. Continuing its drive to provide single-chip PCI interfaces for every market, PLX offers designers its PCI 9050 Bus Target Interface Chip for low cost adapters.

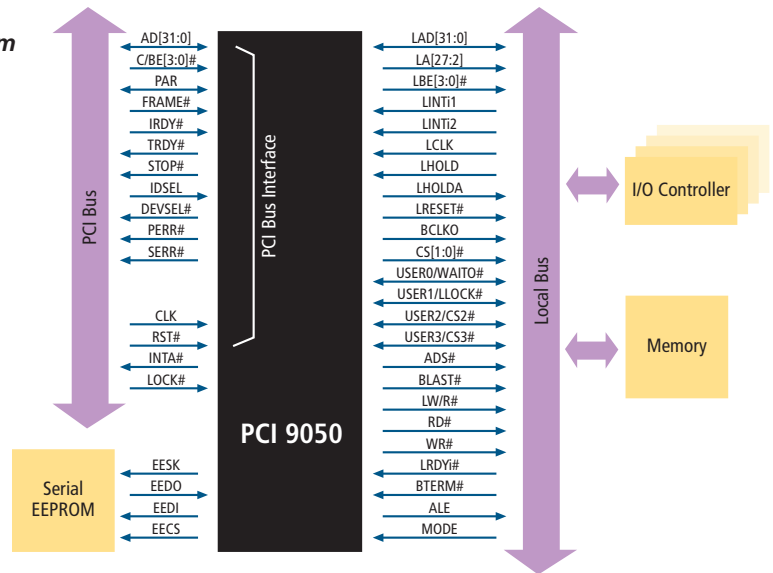
The PCI 9050 provides a compact, high performance PCI bus target (slave) interface for adapter boards. It enables rapid, low cost conversion of Industry Standard Architecture (ISA) adapters to the PCI bus. The PCI 9050 accelerates I/O data movements on adapter boards from ISA's nominal bus speed of 8 MHz, 5 Mbytes/second to PCI's 33 MHz, 132 Mbytes/second data transfer capability.

For designers looking for a simple and painless way to convert their ISA adapters, PLX offers the PCI 9050 RDK! It includes a PCI board designed with the PCI 9050 chip, I/O daughter card connector for standard or custom functions, a breadboard area, test headers, and a piggyback ISA slot that enables existing ISA boards to be plugged into the PCI 9050 for software and hardware implementation. The PCI 9050RDK also includes a set of development software tools, including PLXMon™ for PCI bus monitoring and debug, and example serial/modem device drivers for Windows 95.™

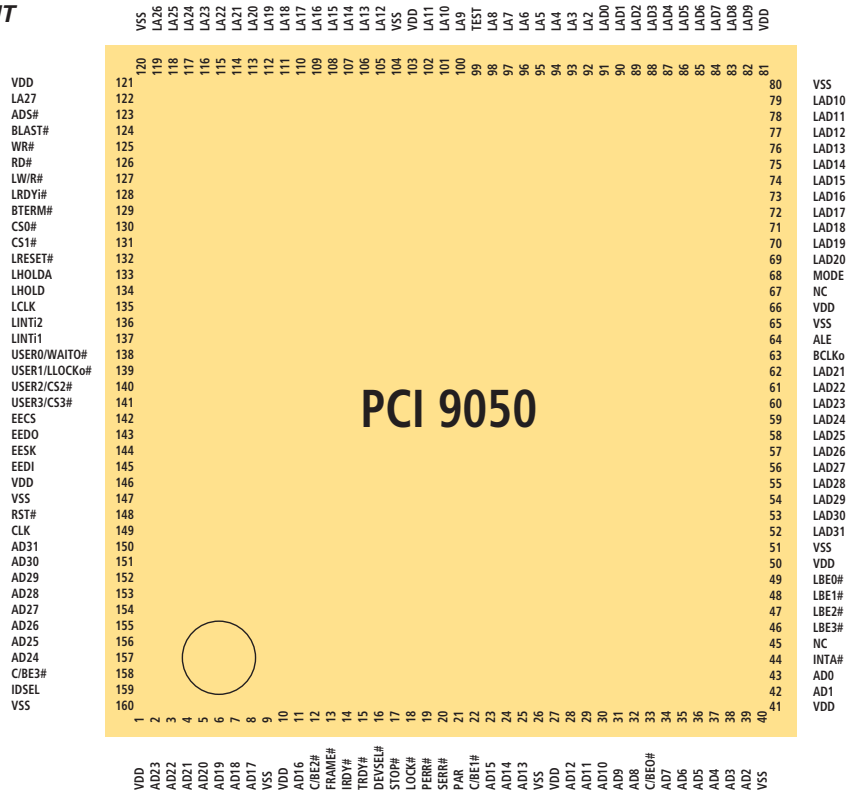
*Direct Slave PCI Interface Chip
Speeds the Inevitable
Disappearance of the ISA Bus*



PCI 9050 Block Diagram



PCI 9050 PIN OUT



PLX Technology, Inc.
 870 Maude Ave.
 Sunnyvale, CA 94085 USA
 Tel: 1-800-759-3735
 Tel: 1-408-774-9060
 Fax: 1-408-774-2169
 Email: info@plxtech.com

Product Ordering Information

PCI 9050	PCI Bus Target Interface Chip
PCI 9050RDK	PCI 9050 Software Development Kit

© 2000 PLX Technology, Inc. All rights reserved. PLX and PLXMon 99 are trademarks of PLX Technology, Inc. which may be registered in some jurisdictions. All other product names that appear in this material are for identification purposes only and are acknowledged to be trademarks or registered trademarks of their respective companies. Information supplied by PLX is believed to be accurate and reliable, but PLX Technology, Inc. assumes no responsibility for any errors that may appear in this material. PLX Technology reserves the right, without notice, to make changes in product design or specification.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Avago Technologies:](#)

[PCI 9050RDK](#) [PCI9050-1 F](#) [PCI9050-1](#)