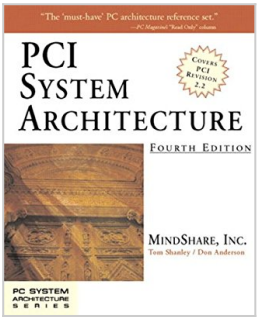

PCI System Architecture (4th Edition)

By MindShare Inc., Tom Shanley, Don Anderson

PCI System Architecture (4th Edition) By MindShare Inc., Tom Shanley, Don Anderson

PCI System Architecture is a detailed and comprehensive guide to the Peripheral Component Interconnect (PCI) Bus Specification, Intels technology for fast communication between peripheral devices and the computer processor. This new edition has been thoroughly updated, reorganized, and expanded to cover the PCI Local Bus Specification version 2.2 and other recent developments, including the new PCI Hot-Plug Specification, changes to the PCI-to-PCI Bridge Architecture Specification, revisions to the PCI Bus Power Management Interface Specification, and the new features of the PCI BIOS Specification. This book provides clear and concise explanations of the relationship of PCI to the rest of the system and PCI fundamentals, including commands, read and write transfers, memory and I/O addressing, error handling, interrupts, and configuration transactions and registers. In addition, you will find specific information on such key topics as: *Hot-Plug Specification *Power management *CompactPCI *The 64-bit PCI Extension *66 MHz PCI Implementation *Expansion ROMs *PCI-to-PCI Bridge and the PCI BIOS *Add-in cards and connectors *Bus arbitration *Reflected-wave switching *Early transaction e

PCI System Architecture (4th Edition)

By MindShare Inc., Tom Shanley, Don Anderson

PCI System Architecture (4th Edition) By MindShare Inc., Tom Shanley, Don Anderson

PCI System Architecture is a detailed and comprehensive guide to the Peripheral Component Interconnect (PCI) Bus Specification, Intels technology for fast communication between peripheral devices and the computer processor. This new edition has been thoroughly updated, reorganized, and expanded to cover the PCI Local Bus Specification version 2.2 and other recent developments, including the new PCI Hot-Plug Specification, changes to the PCI-to-PCI Bridge Architecture Specification, revisions to the PCI Bus Power Management Interface Specification, and the new features of the PCI BIOS Specification. This book provides clear and concise explanations of the relationship of PCI to the rest of the system and PCI fundamentals, including commands, read and write transfers, memory and I/O addressing, error handling, interrupts, and configuration transactions and registers. In addition, you will find specific information on such key topics as: *Hot-Plug Specification *Power management *CompactPCI *The 64-bit PCI Extension *66 MHz PCI Implementation *Expansion ROMs *PCI-to-PCI Bridge and the PCI BIOS *Add-in cards and connectors *Bus arbitration *Reflected-wave switching *Early transaction e

PCI System Architecture (4th Edition) By MindShare Inc., Tom Shanley, Don Anderson Bibliography

- Rank: #1210177 in Books
- Published on: 1999-06-20
- Original language: English
- Number of items: 1
- Dimensions: 9.00" h x 1.70" w x 7.30" l, 3.05 pounds
- Binding: Paperback
- 832 pages

Editorial Review

From the Back Cover

PCI System Architecture is a detailed and comprehensive guide to the Peripheral Component Interconnect (PCI) Bus Specification, Intel's technology for fast communication between peripheral devices and the computer processor.

This new edition has been thoroughly updated, reorganized, and expanded to cover the PCI Local Bus Specification version 2.2 and other recent developments, including the new PCI Hot-Plug Specification, changes to the PCI-to-PCI Bridge Architecture Specification, revisions to the PCI Bus Power Management Interface Specification, and the new features of the PCI BIOS Specification.

This book provides clear and concise explanations of the relationship of PCI to the rest of the system and PCI fundamentals, including commands, read and write transfers, memory and I/O addressing, error handling, interrupts, and configuration transactions and registers. In addition, you will find specific information on such key topics as:

- Hot-Plug Specification
- Power management
- CompactPCI
- The 64-bit PCI Extension
- 66 MHz PCI Implementation
- Expansion ROMs
- PCI-to-PCI Bridge and the PCI BIOS
- Add-in cards and connectors
- Bus arbitration
- Reflected-wave switching
- Early transaction end
- Fast back-to-back and stepping

Changes from PCI 2.1 to PCI 2.2 and changes from PCI-to-PCI Bridge Specification 1.0 to 1.1 are visibly highlighted throughout the book so that those familiar with the previous versions can quickly get a handle on new features and functions.

Anyone who designs or tests hardware or software involving the PCI bus will find PCI System Architecture, Fourth Edition a valuable resource for understanding and working with this important technology.

The PC System Architecture Series is a crisply written and comprehensive set of guides to the most important PC hardware standards. Each title explains from a programmer's perspective the architecture, features, and operations of systems built using one particular type of chip or hardware specification.

About the Author

MindShare, Inc. is one of the leading technical training companies in the hardware industry, providing innovative courses for dozens of companies, including Intel, IBM, and Compaq.

Tom Shanley, president of MindShare, Inc., is one of the world's foremost authorities on computer system architecture. In the course of his career, he has trained thousands of engineers in hardware and software design.

Don Anderson is the author of many MindShare books. He passes on his wealth of experience in digital electronics and computer design by training engineers, programmers, and technicians for MindShare.

Users Review

From reader reviews:

Richard Sims:

Do you have favorite book? For those who have, what is your favorite's book? E-book is very important thing for us to be aware of everything in the world. Each publication has different aim or even goal; it means that book has different type. Some people sense enjoy to spend their time for you to read a book. They can be reading whatever they get because their hobby is definitely reading a book. Think about the person who don't like looking at a book? Sometime, individual feel need book if they found difficult problem or exercise. Well, probably you should have this PCI System Architecture (4th Edition).

Allison Sala:

What do you regarding book? It is not important along with you? Or just adding material when you really need something to explain what you problem? How about your extra time? Or are you busy particular person? If you don't have spare time to complete others business, it is make one feel bored faster. And you have free time? What did you do? Every individual has many questions above. The doctor has to answer that question since just their can do that. It said that about publication. Book is familiar on every person. Yes, it is proper. Because start from on jardín de infancia until university need that PCI System Architecture (4th Edition) to read.

Ross Adams:

This PCI System Architecture (4th Edition) is great guide for you because the content that is certainly full of information for you who all always deal with world and have to make decision every minute. This specific book reveal it data accurately using great coordinate word or we can say no rambling sentences inside. So if you are read that hurriedly you can have whole info in it. Doesn't mean it only provides straight forward sentences but hard core information with lovely delivering sentences. Having PCI System Architecture (4th Edition) in your hand like getting the world in your arm, info in it is not ridiculous one particular. We can say that no guide that offer you world in ten or fifteen tiny right but this guide already do that. So , this really is good reading book. Heya Mr. and Mrs. busy do you still doubt that?

Ella Woods:

Beside that PCI System Architecture (4th Edition) in your phone, it might give you a way to get closer to the new knowledge or info. The information and the knowledge you are going to got here is fresh from the oven so don't always be worry if you feel like an old people live in narrow commune. It is good thing to have PCI System Architecture (4th Edition) because this book offers to you readable information. Do you at times have book but you would not get what it's about. Oh come on, that will not happen if you have this inside your hand. The Enjoyable agreement here cannot be questionable, like treasuring beautiful island. So do you still want to miss the idea? Find this book along with read it from today!

Read PCI System Architecture (4th Edition) By MindShare Inc., Tom Shanley, Don Anderson for online ebook

PCI System Architecture (4th Edition) By MindShare Inc., Tom Shanley, Don Anderson Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read PCI System Architecture (4th Edition) By MindShare Inc., Tom Shanley, Don Anderson books to read online.

Online PCI System Architecture (4th Edition) By MindShare Inc., Tom Shanley, Don Anderson ebook PDF download

PCI System Architecture (4th Edition) By MindShare Inc., Tom Shanley, Don Anderson Doc

PCI System Architecture (4th Edition) By MindShare Inc., Tom Shanley, Don Anderson Mobipocket

PCI System Architecture (4th Edition) By MindShare Inc., Tom Shanley, Don Anderson EPub