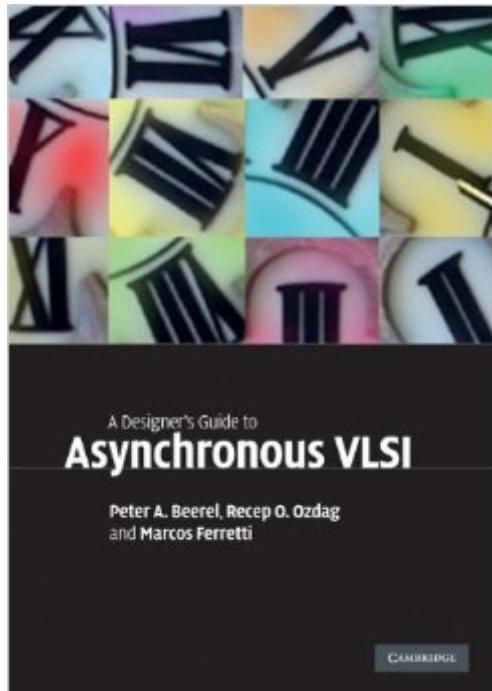


The book was found

# A Designer's Guide To Asynchronous VLSI



## Synopsis

Bypass the limitations of synchronous design and create low power, higher performance circuits with shorter design times using this practical guide to asynchronous design. The fundamentals of asynchronous design are covered, as is a large variety of design styles, while the emphasis throughout is on practical techniques and real-world applications.

## Book Information

Hardcover: 352 pages

Publisher: Cambridge University Press; 1 edition (March 15, 2010)

Language: English

ISBN-10: 0521872448

ISBN-13: 978-0521872447

Product Dimensions: 6.8 x 0.8 x 9.7 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ  See all reviewsÂ  (1 customer review)

Best Sellers Rank: #2,283,476 in Books (See Top 100 in Books) #91 inÂ  Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > VLSI & ULSI #711 inÂ  Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Design #1611 inÂ  Books > Computers & Technology > Graphics & Design > CAD

## Customer Reviews

I've read this book during a research I'm conducting in the field of asynchronous VLSI. This is a wonderfully organized book: The book begins with a short review on the field of Asynchronous VLSI - what have been done in the field so far, what are the difficulties and what are the advantages and disadvantages of implementing asynchronous VLSI. Later on, several asynchronous handshaking protocols are described and explained, accompanied with examples and waveforms which really helped me understand some pretty complex ideas. In addition, VerilogCSP is introduced, providing the reader with an easy way to practice and get an "hands-on" experience with asynchronous VLSI (no need for proprietary tools - any Verilog simulator will do!). The book continues with more complex concepts, like Micropipelines & QDI pipeline templates, which are explained very intuitively and are always followed by diagrams and exercises for the reader. All in all, I think it is a very good place to start with, if you are interested in the field of asynchronous VLSI. It helped me a lot and I really enjoyed reading it! I absolutely recommend it.

[Download to continue reading...](#)

A Designer's Guide to Asynchronous VLSI Jewelry Designer Los Angeles: The Unexplained Mystery Uncovered: Designer Jewelry Investments Circuits, Interconnections, and Packaging for Vlsi (Addison-Wesley VLSI systems series) SAP BEx Analyzer And Query Designer - The Complete Guide Game Design: Principles, Practice, and Techniques - The Ultimate Guide for the Aspiring Game Designer V-Ray My Way: A Practical Designer's Guide to Creating Realistic Imagery Using V-Ray & 3ds Max Designer's Guide to the Cypress PSoC (Embedded Technology) Web Designer's Guide to WordPress: Plan, Theme, Build, Launch (Voices That Matter) The Designer's Guide to the Cortex-M Processor Family: A Tutorial Approach Designer's Guide to Furniture Styles (2nd Edition) A Guide To The Silhouette Cameo: 3nd Edition Version 3.1 - Silhouette Studio Designer Edition Stylin' with CSS: A Designer's Guide (3rd Edition) (Voices That Matter) The Professional Designer's Guide to Garden Furnishings New Drugs: Bath Salts, Spice, Salvia, & Designer Drugs The Graphic Designer's Digital Toolkit: A Project-Based Introduction to Adobe Photoshop Creative Cloud, Illustrator Creative Cloud & InDesign Creative Cloud (Stay Current with Adobe Creative Cloud) Fashion Designer's Handbook for Adobe Illustrator The Graphic Designer's Digital Toolkit: A Project-Based Introduction to Adobe Photoshop CS5, Illustrator CS5 & InDesign CS5 (Adobe Creative Suite) The Non-Designer's Illustrator Book The Non-Designer's InDesign Book The Non-Designer's Design Book (3rd Edition)

[Dmca](#)