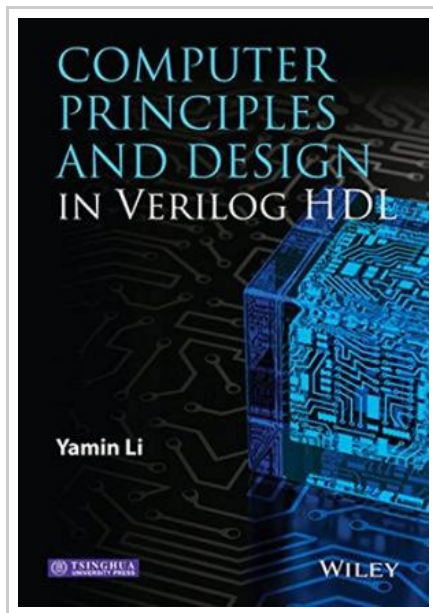



[DOWNLOAD](#)


Computer Principles and Design in Verilog HDL

By Tsinghua University Press, Yamin Li

John Wiley & Sons Inc. Hardback. Book Condition: new. BRAND NEW, Computer Principles and Design in Verilog HDL, Tsinghua University Press, Yamin Li, The best way to learn what is important in computer architecture and microprocessor design is to see the logic designed in detail and simulated directly both in an explained text with the chance to duplicate those simulations, or your own ideas, yourself. This text succeeds in this regard. This book aims to teach fundamental and more advanced level Computer Architecture and Microprocessor Design, using an industrially important Hardware Description Language (HDL) to illustrate each concept. Use of an HDL will allow the student to readily simulate and adjust the operation of each design, and thus build industrially relevant skills. It introduces the computer principles, computer design, and how to use Verilog HDL (Hardware Description Language) to implement the design. The contents include: - 1) computer fundamentals and performance evaluation; 2) digital circuits and their design in Verilog HDL; 3) computer arithmetic algorithms (addition, subtraction, multiplication, division, and square root, as well as the Wallace Tree for multiplication, Newton-Raphson algorithm and Goldschmidt algorithm for division and square root) and their implementations in Verilog HDL; 4) instruction set architecture,...



READ ONLINE
[4.8 MB]

Reviews

Comprehensive information! Its this sort of excellent go through. It is packed with knowledge and wisdom You may like just how the author publish this book.

-- **Mustafa McGlynn**

Complete guideline! Its this kind of great read through. It is probably the most incredible pdf i actually have read through. Its been developed in an extremely straightforward way and it is simply soon after i finished reading this book through which actually modified me, affect the way i really believe.

-- **Beryl Labadie I**

You May Also Like



[A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half](#)

Createspace, United States, 2014. Paperback. Book Condition: New. 251 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.The ultimate learn-by-doing approachWritten for beginners, useful for experienced developers who want to sharpen their skills and don't mind...



[Don't Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large](#)

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.This book is about my cousin, Billy a guy who taught me a lot over the years and who can teach you a lot. Everyone who...



[Read Write Inc. Phonics: Yellow Set 5 Storybook 9 Grow Your Own Radishes](#)

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 175 x 148 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read Write Inc. Set 1 and 2 sounds....



[It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em](#)

HarperCollins Publishers. Paperback. Book Condition: new. BRAND NEW, It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em, Greg Behrendt, Amiira Ruotola-Behrendt, A fabulous new guide to dating co-authored by Greg Behrendt, former writer on...



[Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: \(Learn to Read Crochet Patterns, Charts, and Graphs, Beginner's Crochet Guide with Pictures\)](#)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Getting Your FREE Bonus Download this book, read it to the end and see BONUS: Your FREE Gift chapter after...



[Peppa Pig: School Bus Trip - Read it Yourself with Ladybird](#)

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Peppa Pig: School Bus Trip - Read it Yourself with Ladybird, Peppa and her friends are going on a school bus trip. What adventures will they have when they visit the mountains? It...