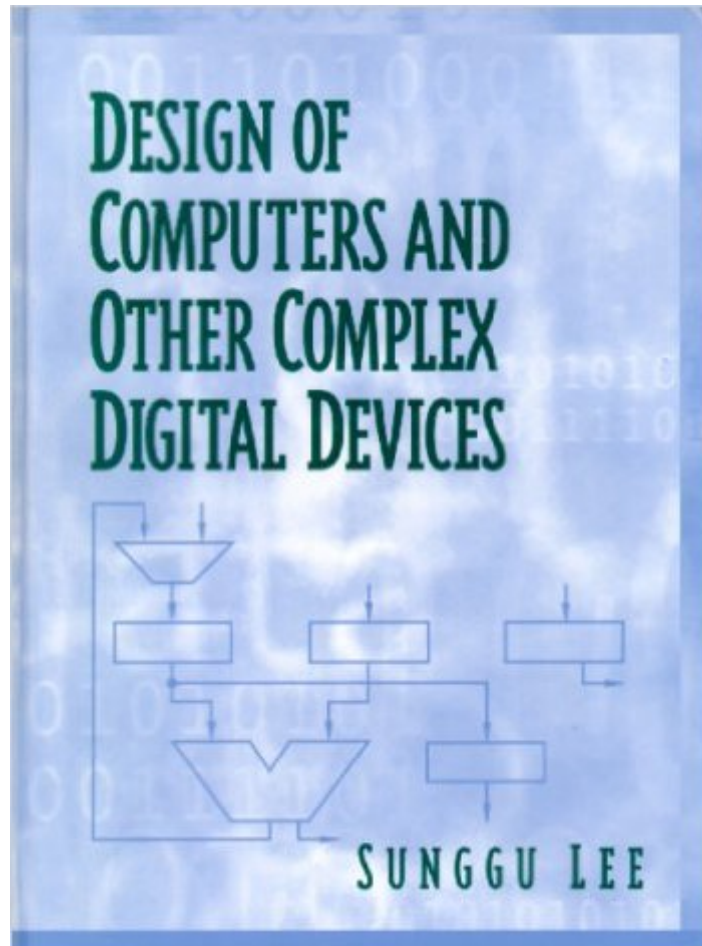


The book was found

Design Of Computers And Other Complex Digital Devices



Synopsis

Intended for junior/senior level advanced Computer Design courses in departments of electrical engineering and computer related departments. This text serves as a practical guide for the design of complex digital logic circuits, utilizing a modified and extended version of the basic ASM (Algorithmic State Machine) method. Unlike other texts, this text focuses on computer design rather than computer architecture, dealing with the detailed gate-level logic design of a basic computer system. It teaches the theory behind advanced digital design and uses several examples to help illustrate and clarify concepts and methods required for the design and implementation of a commercial microprocessor.

Book Information

Hardcover: 418 pages

Publisher: Prentice Hall; 1st edition (April 15, 2000)

Language: English

ISBN-10: 0471292850

ISBN-13: 978-0130402677

ASIN: 0130402672

Product Dimensions: 7.2 x 0.9 x 9.6 inches

Shipping Weight: 2 pounds

Average Customer Review: 5.0 out of 5 stars Â See all reviews Â (1 customer review)

Best Sellers Rank: #1,332,073 in Books (See Top 100 in Books) #51 in Â Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Logic #353 in Â Books > Textbooks > Engineering > Electrical & Electronic Engineering #380 in Â Books > Engineering & Transportation > Engineering > Electrical & Electronics > Digital Design

Customer Reviews

The author provides in-depth explanation of the advantages of using ASM for digital designs plus some explanation on the design methodology towards FPGA (Xilinx). Lots of design examples in ASM and the equivalent VHDL codes for users to try, learn and understand. Suitable for beginners and advanced designers to start trying the ASM design methodology to take advantage of the systematic and heuristic design approach using ASM as introduced by the author. In fact, there're tools supporting the direct ASM approach, and the book would become a very good methodology reference.

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

7 More Psychological Complexes That You Didn't Know Existed: Cinderella Complex, Superman Complex, Napoleon Complex, Messiah Complex, Phaedra Complex, ... Complex (Transcend Mediocrity Book 125) Design of Computers and Other Complex Digital Devices Windows 8 Tips for Beginners 2nd Edition: A Simple, Easy, and Efficient Guide to a Complex System of Windows 8! (Windows 8, Operating Systems, Windows ... Networking, Computers, Technology) Echo: The Ultimate Guide to Learn Echo In No Time (Echo, Alexa Skills Kit, smart devices, digital services, digital media) (Prime, internet device, guide) (Volume 6) Echo: 2016 - The Ultimate Guide to Learn Echo In No Time (Echo, Alexa Skills Kit, smart devices, digital services, digital media) (Prime, internet device, guide) THE GRONNEDAL-IKA ALKALINE COMPLEX, SOUTH GREENLAND: THE STRUCTURE AND GEOLOGICAL HISTORY OF THE COMPLEX. A First Course in Complex Analysis with Applications (Jones and Bartlett Publishers Series in Mathematics: Complex) How Goats Can Fight Poverty: Complex problems do not always need complex solutions Computers as Components, Third Edition: Principles of Embedded Computing System Design (The Morgan Kaufmann Series in Computer Architecture and Design) Computers as Components: Principles of Embedded Computing System Design (The Morgan Kaufmann Series in Computer Architecture and Design) US Army Technical Manual, ARMY DATA SHEETS FOR CARTRIDGES, CARTRIDGE ACTUATED DEVICES AND PROPELLANT ACTUATED DEVICES, FSC 1377, TM 43-0001-39, 1991 Fotografia Submarina / Underwater Photography: Tecnicas Fotograficas / Digital and Traditional Techniques (Ocio Digital / Leisure Digital) (Spanish Edition) Advanced Mos Devices (Modular Series on Solid State Devices, Vol 7) ISO 14971:2007, Medical devices - Application of risk management to medical devices Measuring the Digital World: Using Digital Analytics to Drive Better Digital Experiences (FT Press Analytics) Digital Evidence and Computer Crime: Forensic Science, Computers and the Internet, 3rd Edition Discovering Computers, Introductory: Your Interactive Guide to the Digital World, 2013 Edition (Shelly Cashman) Feng Shui: Wellness and Peace- Interior Design, Home Decorating and Home Design (peace, home design, feng shui, home, design, home decor, prosperity) Handbook of Digital Forensics of Multimedia Data and Devices, Enhanced E-Book (Wiley - IEEE) Where Stuff Comes From: How Toasters, Toilets, Cars, Computers and Many Other Things Come To Be As They Are

[Dmca](#)