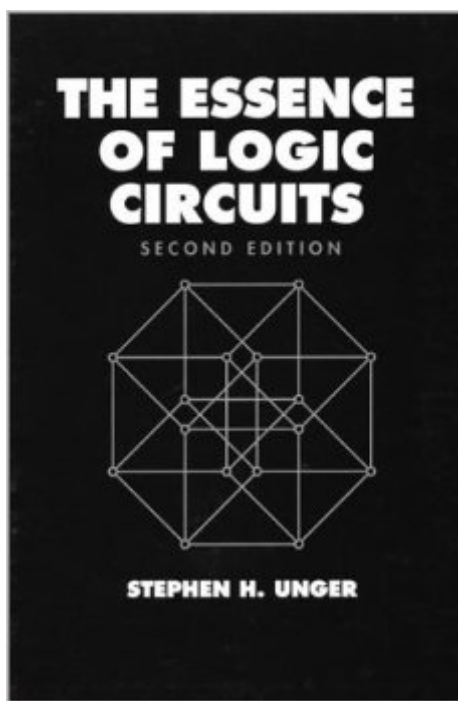The book was found

The Essence Of Logic Circuits

Synopsis

Today, designing a state-of-the-art circuit means knowing how to pack more and more logic on a chip. Featuring an extensive introductory material, this complete, carefully-organized guide brings you valuable information on designing modern logic circuits from gates, switches, and other basic elements to meet the rising demands on modern circuit technology. THE ESSENCE OF LOGIC CIRCUITS allows computer scientists and students to start from scratch and gain a comprehensive understanding of most important topics in the field.

Book Information

Hardcover: 352 pages

Publisher: Wiley-IEEE Press; 2 edition (August 23, 1996)

Language: English

ISBN-10: 0780311264

ISBN-13: 978-0780311268

Product Dimensions: 7.2 x 0.9 x 10.4 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 3.7 out of 5 stars Â Â See all reviews Â (3 customer reviews)

Best Sellers Rank: #3,911,529 in Books (See Top 100 in Books)   #81 in Â Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Logic   #493 in Â Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Integrated   #605 in Â Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Logic

Customer Reviews

This books extensively makes use of state machines. The author describes advanced digital circuits such as look ahead adders. It also describes emerging digital techniques such as Scan-chaining and boundary scans. Numerous illustrative examples make the concept clear (e.g. a coin operated candy vending machine). An excellent book for would be logic designers.

I was fortunate enough to use this text in an introductory course with Unger himself. I thought the book was easy to understand and presented a difficult subject clearly. However, I will admit that having the author of the book in the classroom may have made it easier for me to understand what was going on.

I used this text for a course with the author. The text is full of typos, incomplete explanations, and has an incomprehensible writing style.

The Essence of Logic Circuits Electronic Circuits: The Definitive Guide to Circuit Boards, Testing Circuits and Electricity Principles Low-Voltage/Low-Power Integrated Circuits and Systems: Low-Voltage Mixed-Signal Circuits (IEEE Press Series on Microelectronic Systems) Advances in 3D Integrated Circuits and Systems (Series on Emerging Technologies in Circuits and Systems) Principles of Transistor Circuits, Eighth Edition: Introduction and guide to the design of amplifiers, function generators, receivers and digital circuits Design of 3D Integrated Circuits and Systems (Devices, Circuits, and Systems) Ones and Zeros: Understanding Boolean Algebra, Digital Circuits, and the Logic of Sets Electronic Logic Circuits High-Performance System Design: Circuits and Logic (IEEE Press Series on Microelectronic Systems) CMOS and Beyond: Logic Switches for Terascale Integrated Circuits Apple Pro Training Series: Logic Pro 8 and Logic Express 8 Logic: Propositional Logic (Quickstudy: Academic) Introduction to Logic: Propositional Logic, Revised Edition (3rd Edition) Critical Thinking: Decision Making with Smarter Intuition and Logic! (Critical Thinking, Decision Making, Logic, Intuition) Set Theory (Studies in Logic: Mathematical Logic and Foundations) Sixty-Minute Seder: Preserving the Essence of the Passover Haggadah (Sixty-Minute Collection) The Essence of COM: A Programmer's Workbook (3rd Edition) (Microsoft Technology) A Taste of Wales: Discover the Essence of Welsh Cooking with Over 30 Classic Recipes Shown in 130 Stunning Colour Photographs Essence of Existence: Brief story of matter and people The Essence and Applications of Taijiquan