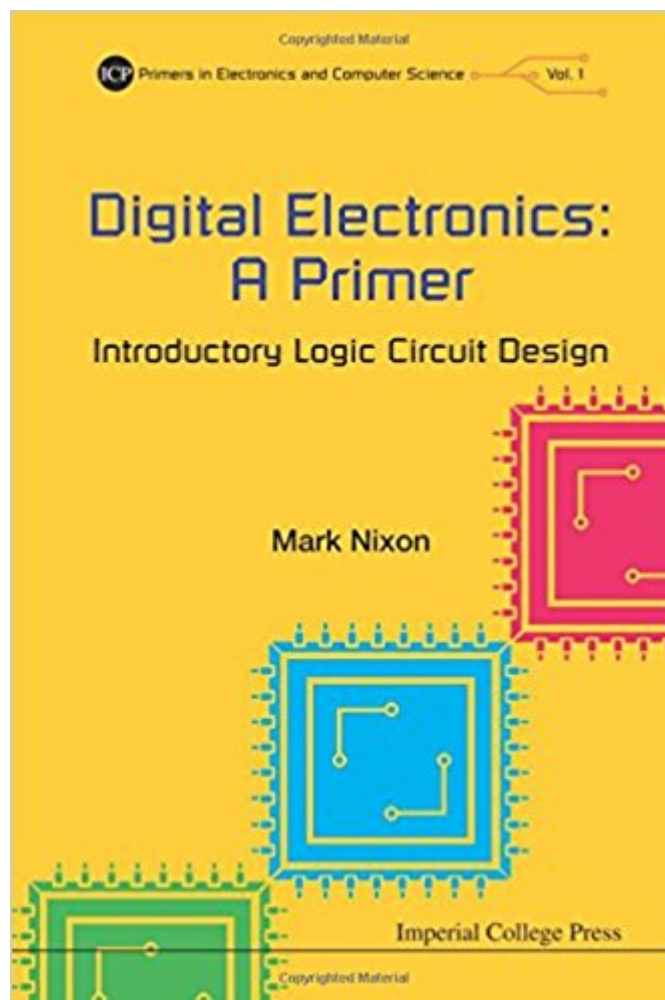




The book was found

Digital Electronics: A Primer : Introductory Logic Circuit Design (Icp Primers In Electronics And Computer Science)



Synopsis

This practical introduction explains exactly how digital circuits are designed, from the basic circuit to the advanced system. It covers combinational logic circuits, which collect logic signals, to sequential logic circuits, which embody time and memory to progress through sequences of states. The primer also highlights digital arithmetic and the integrated circuits that implement the logic functions. Based on the author's extensive experience in teaching digital electronics to undergraduates, the book translates theory directly into practice and presents the essential information in a compact, digestible style. Worked problems and examples are accompanied by abbreviated solutions, with demonstrations to ensure that the design material and the circuits' operation are fully understood. This is essential reading for any electronic or electrical engineering student new to digital electronics and requiring a succinct yet comprehensive introduction. .

Book Information

Series: Icp Primers in Electronics and Computer Science (Book 1)

Paperback: 200 pages

Publisher: Imperial College Press (March 2, 2015)

Language: English

ISBN-10: 178326490X

ISBN-13: 978-1783264902

Product Dimensions: 6 x 0.5 x 9 inches

Shipping Weight: 15.2 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,604,444 in Books (See Top 100 in Books) #71 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Logic #641 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Digital Design #762 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Design

Customer Reviews

This unique book describes how digital circuits are designed, from the basic circuit to the advanced system. It covers combinational logic circuits, which collect logic signals, to sequential logic circuits, which embody time and memory to progress through sequences of states. The book also highlights digital arithmetic and the integrated circuits that implement the logic functions. Based on the author's extensive experience in teaching this subject, the book is full of practical value, and is

presented in a compact and digestible style. There are worked problems and examples with abbreviated solutions. The worked solutions are accompanied by demonstrations to ensure that the design material and the circuits' operation are well appreciated.

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

Digital Electronics: A Primer : Introductory Logic Circuit Design (Icp Primers in Electronics and Computer Science) Integrated circuit devices and components (Integrated-circuit technology, analog and logic circuit design, memory and display devices) Winter Circuit (Show Circuit Series -- Book 2) (The Show Circuit) Digital Logic Design and Computer Organization with Computer Architecture for Security Microelectronic Circuit Design, 5th Edition (Irwin Electronics & Computer Engineering) Digital Logic Circuit Analysis and Design Fundamentals of Discrete Math for Computer Science: A Problem-Solving Primer (Undergraduate Topics in Computer Science) Digital Integrated Circuit Design (The Oxford Series in Electrical and Computer Engineering) Analog Methods for Computer-Aided Circuit Analysis and Diagnosis (Electrical and Computer Engineering) Skew-Tolerant Circuit Design (The Morgan Kaufmann Series in Computer Architecture and Design) Introductory DC/AC Electronics And Introductory DC/AC Circuits: Laboratory Manual, 6th Edition CMOS Logic Circuit Design: 1st (First) Edition Logic Circuit Design (Saunders College Publishing Series in Electrical Engineering) Computer Organization and Design MIPS Edition, Fifth Edition: The Hardware/Software Interface (The Morgan Kaufmann Series in Computer Architecture and Design) Computer Organization and Design, Fourth Edition: The Hardware/Software Interface (The Morgan Kaufmann Series in Computer Architecture and Design) 1st Grade Computer Basics : The Computer and Its Parts: Computers for Kids First Grade (Children's Computer Hardware Books) CMOS Analog Circuit Design (The Oxford Series in Electrical and Computer Engineering) An Analog Electronics Companion: Basic Circuit Design for Engineers and Scientists Summer Circuit (Show Circuit Series -- Book 1) The A Circuit (An A Circuit Novel Book 1)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)