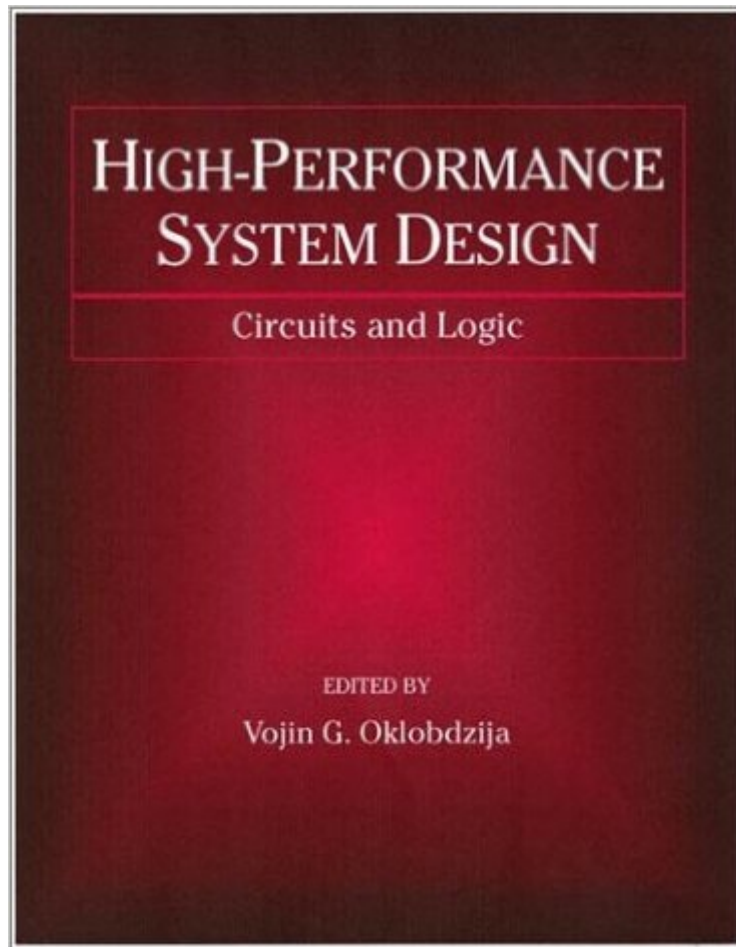


The book was found

# High-Performance System Design: Circuits And Logic (IEEE Press Series On Microelectronic Systems)



## Synopsis

"This comprehensive collection of papers offers you practical information that can be used to develop high-performance digital system design. Specially written introductions by editor Vojin G. Oklobdzija precede each chapter to aid your understanding of the most relevant topics in this advanced area of circuit design. Featured topics include: \* Differential pass-transistor logic \* High-speed circuits and design of high-performance systems \* Advanced deep submicron circuits used in high-speed computers and digital circuits \* Clocking and latch design essential to high-performance systems \* Relationships between VLSI algorithms and implementation techniques

HIGH PERFORMANCE SYSTEM DESIGN: Circuits and Logic is indispensable reading for circuit designers, practicing engineers, and students who want to master the basic principles underlying high-performance system design. This handy, single volume provides a useful reference to a collection of accumulated experience necessary for good, successful designs. Professors: To request an examination copy simply e-mail [collegeadoption@ieee.org](mailto:collegeadoption@ieee.org)." Sponsored by: IEEE Solid-State Circuits Council/Society.

## Book Information

Series: IEEE Press Series on Microelectronic Systems (Book 3)

Hardcover: 552 pages

Publisher: Wiley-IEEE Press; 1 edition (July 12, 1999)

Language: English

ISBN-10: 0780347161

ISBN-13: 978-0780347168

Product Dimensions: 8.8 x 1.4 x 11.3 inches

Shipping Weight: 3.5 pounds (View shipping rates and policies)

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

Best Sellers Rank: #5,417,967 in Books (See Top 100 in Books) #97 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Logic #216 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > VLSI & ULSI #555 inÂ Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > Microprocessor Design

## Customer Reviews

Not much to say about it. The book is all perfect, and price is unbelievably low. An excellent book! Recommend to buy.

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

High-Performance System Design: Circuits and Logic (IEEE Press Series on Microelectronic Systems) Low-Voltage/Low-Power Integrated Circuits and Systems: Low-Voltage Mixed-Signal Circuits (IEEE Press Series on Microelectronic Systems) CMOS Circuit Design, Layout, and Simulation, 3rd Edition (IEEE Press Series on Microelectronic Systems) IEEE Std 1100-1999, IEEE Recommended Practice for Powering and Grounding Electronic Equipment (The IEEE Emerald Book) Advanced Electronic Packaging: With Emphasis on Multichip Modules (IEEE Press Series on Microelectronic Systems) Performance Evaluation and High Speed Switching Fabrics and Networks: ATM, Broadband ISDN, and MAN Technology (A Selected Reprint Volume) (IEEE Press Selected Reprint Series) IEEE Recommended Practice for Grounding of Industrial and Commercial Power Systems (IEEE Green Book) Design of 3D Integrated Circuits and Systems (Devices, Circuits, and Systems) Advances in 3D Integrated Circuits and Systems (Series on Emerging Technologies in Circuits and Systems) Microelectronic Circuits (The Oxford Series in Electrical and Computer Engineering) 7th edition Microelectronic Circuits Revised Edition (Oxford Series in Electrical and Computer Engineering) Laboratory Explorations to Accompany Microelectronic Circuits (The Oxford Series in Electrical and Computer Engineering) Power Conversion and Control of Wind Energy Systems (IEEE Press Series on Power Engineering) High Performance ASIC Design: Using Synthesizable Domino Logic in an ASIC Flow Key Papers in the Development of Coding Theory (IEEE Press Selected Reprint Series) Principles of Transistor Circuits, Eighth Edition: Introduction and guide to the design of amplifiers, function generators, receivers and digital circuits Build Your Own Transistor Radios: A Hobbyist's Guide to High-Performance and Low-Powered Radio Circuits High Blood Pressure Cure: How To Lower Blood Pressure Naturally in 30 Days (Alternative Medicine, Natural Cures, Natural Remedies, High Blood Pressure ... Cures for High Blood Pressure, High BI) Microelectronic Circuit Analysis and Design (Electrical and Computer Engineering) Satellite Communications Systems Engineering: Atmospheric Effects, Satellite Link Design and System Performance

[Dmca](#)