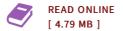


Microelectronics (Hardback)

By Jerry C. Whitaker

Taylor Francis Inc, United States, 2005. Hardback. Condition: New. 2nd Revised edition. Language: English . Brand New Book. When it comes to electronics, demand grows as technology shrinks. From consumer and industrial markets to military and aerospace applications, the call is for more functionality in smaller and smaller devices. Culled from the second edition of the best-selling Electronics Handbook, Microelectronics, Second Edition presents a summary of the current state of microelectronics and its innovative directions. This book focuses on the materials, devices, and applications of microelectronics technology. It details the IC design process and VLSI circuits, including gate arrays, programmable logic devices and arrays, parasitic capacitance, and transmission line delays. Coverage ranges from thermal properties and semiconductor materials to MOSFETs, digital logic families, memory devices, microprocessors, digital-to-analog and analog-todigital converters, digital filters, and multichip module technology. Expert contributors discuss applications in machine vision, ad hoc networks, printing technologies, and data and optical storage systems. The book also includes defining terms, references, and suggestions for further reading. This edition features two new sections on fundamental properties and semiconductor devices. With updated material and references in every chapter, Microelectronics, Second Edition is an essential reference for work with microelectronics, electronics, circuits, systems,...



Reviews

This is an amazing publication i actually have at any time go through. It is actually rally interesting through reading through period. Its been developed in an exceptionally straightforward way which is merely following i finished reading through this publication where actually altered me, modify the way in my opinion.

-- Noah Padberg

A must buy book if you need to adding benefit. It really is writter in straightforward words and not difficult to understand. I am just pleased to let you know that here is the best ebook i have got read through in my individual daily life and may be he best book for ever. -- Prof. Charles Boehm