



FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems)

From Springer

Download now

Read Online 

FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) From Springer

This book explains the physics and properties of multi-gate field-effect transistors (MuGFETs), how they are made and how circuit designers can use them to improve the performances of integrated circuits. It covers the emergence of quantum effects due to the reduced size of the devices and describes the evolution of the MOS transistor from classical structures to SOI (silicon-on-insulator) and then to MuGFETs.

 [Download FinFETs and Other Multi-Gate Transistors \(Integrat ...pdf](#)

 [Read Online FinFETs and Other Multi-Gate Transistors \(Integr ...pdf](#)

FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems)

From Springer

FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) From Springer

This book explains the physics and properties of multi-gate field-effect transistors (MuGFETs), how they are made and how circuit designers can use them to improve the performances of integrated circuits. It covers the emergence of quantum effects due to the reduced size of the devices and describes the evolution of the MOS transistor from classical structures to SOI (silicon-on-insulator) and then to MuGFETs.

FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) From Springer Bibliography

- Sales Rank: #2068803 in Books
- Published on: 2007-11-26
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x .81" w x 6.14" l, 1.59 pounds
- Binding: Hardcover
- 340 pages

 [Download FinFETs and Other Multi-Gate Transistors \(Integrat ...pdf](#)

 [Read Online FinFETs and Other Multi-Gate Transistors \(Integr ...pdf](#)

Download and Read Free Online FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) From Springer

Editorial Review

From the Back Cover

FinFETs and Other Multi-Gate Transistors provides a comprehensive description of the physics, technology and circuit applications of multigate field-effect transistors (FETs). It explains the physics and properties of these devices, how they are fabricated and how circuit designers can use them to improve the performances of integrated circuits.

The International Technology Roadmap for Semiconductors (ITRS) recognizes the importance of these devices and places them in the "Advanced non-classical CMOS devices" category. Of all the existing multigate devices, the FinFET is the most widely known.

FinFETs and Other Multi-Gate Transistors is dedicated to the different facets of multigate FET technology and is written by leading experts in the field.

Users Review

From reader reviews:

Cameron Trammell:

Inside other case, little people like to read book FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems). You can choose the best book if you want reading a book. So long as we know about how is important the book FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems). You can add knowledge and of course you can around the world by the book. Absolutely right, since from book you can realize everything! From your country until finally foreign or abroad you will be known. About simple matter until wonderful thing you may know that. In this era, we can open a book or searching by internet device. It is called e-book. You may use it when you feel bored stiff to go to the library. Let's go through.

Terry Palladino:

Here thing why this kind of FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) are different and trustworthy to be yours. First of all reading a book is good however it depends in the content of the usb ports which is the content is as delightful as food or not. FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) giving you information deeper as different ways, you can find any reserve out there but there is no publication that similar with FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems). It gives you thrill reading through journey, its open up your own eyes about the thing that happened in the world which is possibly can be happened around you. You can bring everywhere like in playground, café, or even in your means home by train. In case you are having difficulties in bringing the printed book maybe the form of FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) in e-book can be your substitute.

Vincent Humphreys:

Information is provisions for individuals to get better life, information nowadays can get by anyone in everywhere. The information can be a information or any news even a problem. What people must be consider if those information which is inside former life are challenging to be find than now's taking seriously which one is suitable to believe or which one the particular resource are convinced. If you obtain the unstable resource then you understand it as your main information we will see huge disadvantage for you. All those possibilities will not happen throughout you if you take FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) as your daily resource information.

Candy Smith:

Is it anyone who having spare time and then spend it whole day through watching television programs or just lying down on the bed? Do you need something totally new? This FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) can be the solution, oh how comes? A fresh book you know. You are consequently out of date, spending your spare time by reading in this brand new era is common not a nerd activity. So what these textbooks have than the others?

Download and Read Online FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) From Springer #G98D7JPW5NY

Read FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) From Springer for online ebook

FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) From Springer Free PDF download, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) From Springer books to read online.

Online FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) From Springer ebook PDF download

FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) From Springer Doc

FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) From Springer Mobipocket

FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) From Springer EPub

G98D7JPW5NY: FinFETs and Other Multi-Gate Transistors (Integrated Circuits and Systems) From Springer