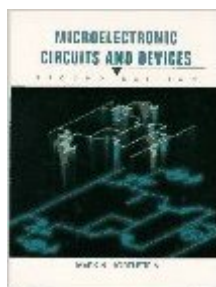


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Microelectronic Circuit And Devices (2nd Edition) (Part A & B)



Synopsis

A comprehensive text that provides a practical introduction to the analysis and design of microelectronic circuits. It presents a circuit as an entire electronic system rather than as a collection of individual devices. It provides students with the tools to make intelligent choices when designing a

Book Information

Paperback: 1126 pages

Publisher: Pearson; 2nd edition (June 11, 1995)

Language: English

ISBN-10: 0137013353

ISBN-13: 978-0137013357

Product Dimensions: 8 x 2.4 x 10 inches

Shipping Weight: 4.6 pounds (View shipping rates and policies)

Average Customer Review: 2.7 out of 5 stars 9 customer reviews

Best Sellers Rank: #255,308 in Books (See Top 100 in Books) #217 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits](#) #482 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics](#) #738 in [Books > Engineering & Transportation > Engineering > Telecommunications & Sensors](#)

Customer Reviews

Using an innovative approach, this introduction to microelectronic circuits and devices views a circuit as an entire electronic system, rather than as a collection of individual devices. It provides students with the tools necessary to make intelligent choices in the design of analog and digital systems.

This widely used, comprehensive volume presents a solid, concise, and practical introduction to the analysis and design of microelectronic circuits.

I ordered this book and received part B only with about ~550 Pages. I returned it and got another after talking to their customer service(who was great). The second book that came in was only part A with ~560 pages.Both books look like the international edition-pages are like photocopies. The quality of print is not very good.It should be all parts in one book with 1126 pages total and not have a poor print quality.

Please be careful if ordering a used copy of this book. It's divided into 2 sections, A and B, with the same ISBN (which was probably a bad idea of the publisher). Part B is the only part with a barcode. Me and a classmate both ordered this book used (and fulfilled by), and both only received the second half. Thankfully was willing to give a full refund.

The problems and exercises in the book are POORLY constructed: In order to solve a problem, you may very well have to constantly flip back and forth between pages because the author was too cheap to put a simple diagram on the same page as the problem. I.e. "Use Figure P2.30 and the V-i characteristic in figure 2.550 to solve for the circuit values in Figure 2.75, with $R=25k$ ohms" That would involve flipping back and forth between a lot of pages. However, the problems are very thorough and cover a great deal of the subject w/o wasting too much time. For various circuits, the author goes directly to Thevenin Equivalent circuits rather than showing a concept using a dozen or more different circuits.

Received only Part B, avoid it since you won't get both parts A + B

One star is even too much! With this book you can only have an idea of what is going on, it is more like a little bit of everything rather than a complete understanding. If you really want to learn about electronics take "Microelectronic Circuit Design" by Richard C. Jaeger; it is much better and gives you a complete coverage and explanation.

The actual content of this book is thorough enough, but it becomes clear that it is not well organized when you find yourself flipping from one chapter to another to an appendix and back to another chapter just to find information that should (and is in other texts) be lumped together.

I found this text to be geared more toward the electrical engineer who is not going to fabricate IC's, but rather use them. It is not quite as hefty as Sedra and Smith, but it is easier to follow, in my opinion. It is the first book I would go to as a reference.

The book is what I needed for class and satisfies all requirements, but the add said that it was to be hardcover and I received a soft covered two part book. It is easy to carry around, but not hardcover as expected.

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