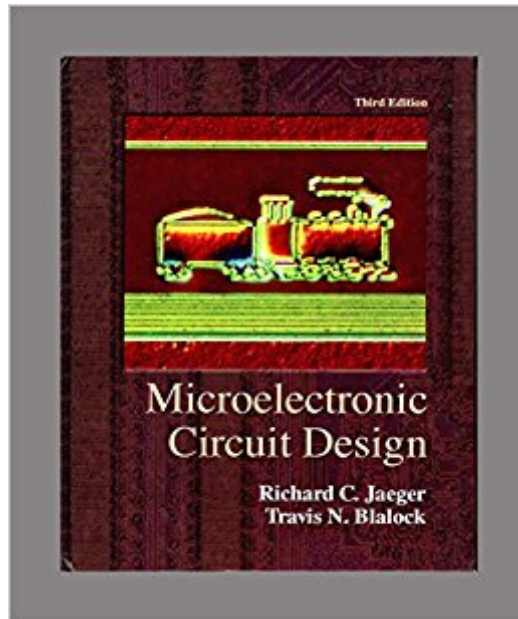




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Microelectronic Circuit Design, 3rd Edition



Synopsis

Microelectronic Circuit Design is known for being a technically excellent text. The new edition has been revised to make the material more motivating and accessible to students while retaining a student-friendly approach. Jaeger has added more pedagogy and an emphasis on design through the use of design examples and design notes. Some pedagogical elements include chapter opening vignettes, chapter objectives, "Electronics in Action" boxes, a problem solving methodology, and "design note" boxes. The number of examples, including new design examples, has been increased, giving students more opportunity to see problems worked out. Additionally, some of the less fundamental mathematical material has been moved to the ARIS website. In addition this edition comes with a Homework Management System called ARIS, which includes 450 static problems. --This text refers to an alternate Hardcover edition.

Book Information

Hardcover: 1190 pages

Publisher: McGraw-Hill College; 3rd edition (2008)

Language: English

ISBN-10: 0073191639

ISBN-13: 978-0073191638

Package Dimensions: 10.2 x 8.1 x 1.6 inches

Shipping Weight: 5.1 pounds

Average Customer Review: 3.2 out of 5 stars 3 customer reviews

Best Sellers Rank: #717,699 in Books (See Top 100 in Books) #153 in [Books > Textbooks > Engineering > Electrical & Electronic Engineering](#) #3487 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics](#)

Customer Reviews

Richard Jaeger earned his bachelor's, master's, and doctoral degrees in electrical engineering from the University of Florida. Professor Jaeger was one of the first three faculty members appointed Distinguished University Professor by Auburn University. His teaching awards include the Birdsong Merit Teaching Award and selection by ECE undergraduate students as Outstanding Electrical Engineering Faculty Member. In 1995 he was named Distinguished Graduate Faculty Lecturer. His current research interests include solid-state circuits and devices, electronic packaging, piezoresistive stress sensors, high heat flux cooling, low temperature electronics, VLSI design, and noise in electronic devices and circuits. Travis Blalock is an Associate Professor in the Department

of Electrical and Computer Engineering at University of Virginia. --This text refers to an alternate Hardcover edition.

This book was actually quite helpful. There are a few rather wordy and long winded explanations of the material but overall I got a lot out of this book. I can't say that about a lot of textbooks.

The text is very disorganized as another reviewer has mentioned. There are several exercise question not even covered by the text. The general consensus is that some of the text was removed but the questions remained. It makes for interesting homework.

I'm an EE student who has taken the first course using the Sedra/Smith book but because of a delay in taking the second course, will be using the Jaeger/Blalock text. I'm reviewing the material from the first course as it is laid out in the Jaegaer/Blalock book and find the same material more understandable with more relevant detail.

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