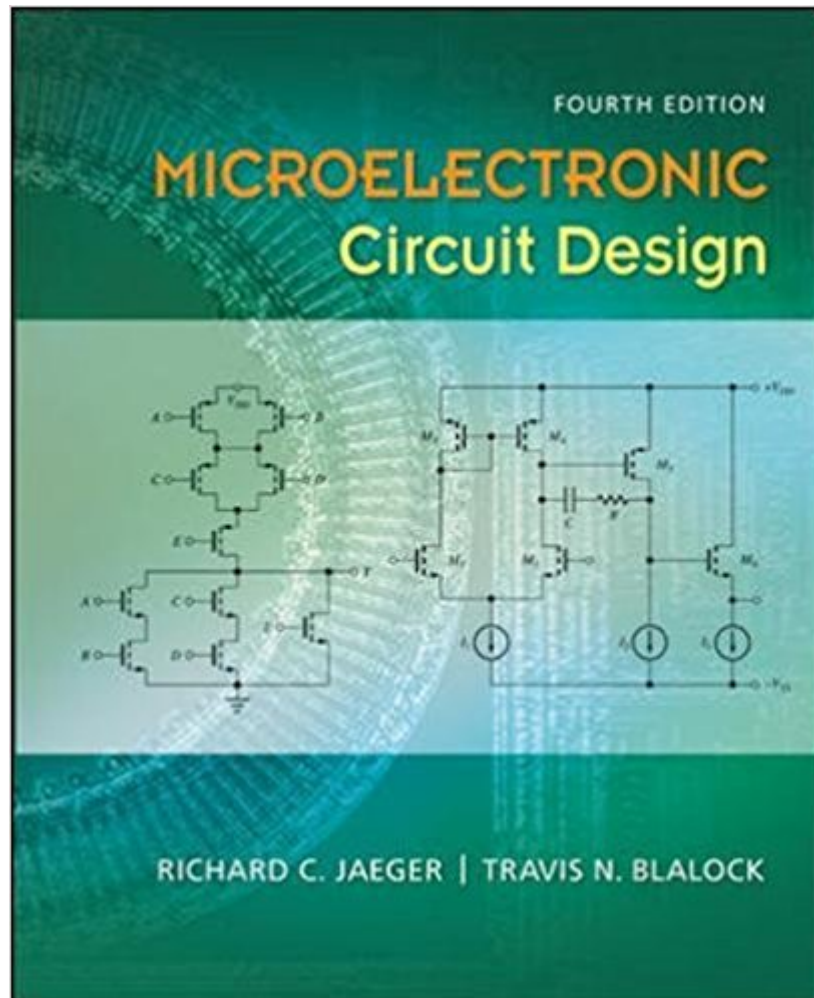**The book was found**

Microelectronic Circuit Design

Synopsis

Richard Jaeger and Travis Blalock present a balanced coverage of analog and digital circuits; students will develop a comprehensive understanding of the basic techniques of modern electronic circuit design, analog and digital, discrete and integrated. A broad spectrum of topics are included in Microelectronic Circuit Design which gives the professor the option to easily select and customize the material to satisfy a two-semester or three-quarter sequence in electronics. Jaeger/Blalock emphasizes design through the use of design examples and design notes. Excellent pedagogical elements include chapter opening vignettes, chapter objectives, Ã¢â ¬Å"Electronics in ActionÃ¢â ¬Â• boxes, a problem-solving methodology, and "Design NoteÃ¢â ¬Â• boxes. The use of the well-defined problem-solving methodology presented in this text can significantly enhance an engineerÃ¢â ¬â„¢s ability to understand the issues related to design. The design examples assist in building and understanding the design process.

Book Information

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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.

I like this book.The explanation is clear with many examples.However, there are some problems in the format.1. highlights are not uniformFor example, when there are eqns with original version and simplified version,the original version is highlighted sometimes, while the simplified version is highlighted other times.Another example is that when solving CE, CC, and CB amplifier, it requires 6 eqn to solve each amplifier type.However, CE amp section has all 6 eqns highlighted, while CC amp section has 3 eqn highlighted, and CB amp section has 2 eqn highlighted.2. TypoOverall, there are very typo throughout the book.However, in Chapter 15, there are A LOT of typos, almost every single page.The book is clear, so that it can be used for self-study.The only thing is that I had to make my own note of important equations, because the highlights are often wrong.

I'm pretty incensed at this text. If your intention is to learn anything with it, good luck. The text itself isn't terrible. It covers a lot, but unfortunately, it covers far from all that you need to pass the course, or even work the assignments at the end of the chapter. The biggest problem this book suffers from is a complete and utter lack of examplesAnd here's where it gets ironic. The samples that are in the text are amazing. They're laid out in an easy to understand way, providing all the details of working through the problem, from beginning to end, with the approach, unknowns, assumptions, and steps all laid out. Unfortunately, you're looking at maybe one example per section tops. So if you want to know how to do anything that's not covered in that single, specific example, you're **** out of luck, friend. And if your professor is like mine, and lectures straight out of the book, literally copying the slides the author's make available online onto the board, and then for "examples" literally just copying the one or two examples straight out of the book, then you're going to be stuck between a rock and a hard place.To give a concrete example, say one of the problems asks you to find the power consumed by a diode. No where in the book, let alone the chapter or the section, will you find an example of how to do this. I suppose that you can derive it, but then what's the point of the text, if it's not so much going to allude to the path that you need to take, why the hell would you pay so much for it? I'm ashamed of the author's for having the audacity to publish this book, I'm not going to lie.

Used this book for a full year in electronic design 1&2 the examples are vague and have almost

nothing to do with the end of chapter problems. The book is full of errors, they could write a whole new book on just the mistakes they made in this one. I would look in another direction if you are buying to teach yourself, and if you are buying for a class...try to find another book you can use as a reference cause this one won't suffice. I refer a lot to the Sedra and Smith circuits book.

As expected.

The book is written terribly. It barely explain anything intuitively. If this is your first time learning the materials, don't waster time on this book. It is written in a way that expects you already know the stuffs.

Odds are you need this book for a class, in which case the book does a good job of explaining and demonstrating the topics and theory. It does expect a lot from you in that the explinations are very heavy content wise. You will need to understand the basic principles well before moving on through the book. Having a good professor helps a lot, as expected. You could very well teach yourself from this book, but it will take a lot of time and effort. That said, the circuits and their applications are all outlined well once you have a grasp of the theory.If you do not need this for a class and just wish to brush up on your old Microelectronic Circuit Design... what are you doing looking at a book? There's the internet for that sort of thing. You could pick it up if you really wanted, but you are better off finding a simpler (and potentially cheaper) book or finding explinations of circuits online. In all honesty, that is what I do, and I own the book.

It is well explained, this book is not only equations and graphs but also some teachings,the problems in the end of the chapter are doabe,

The textbook is in great condition. I am truly satisfied.

Integrated circuit devices and components (Integrated-circuit technology, analog and logic circuit design, memory and display devices) Winter Circuit (Show Circuit Series -- Book 2) (The Show Circuit) Microelectronic Circuit Design, 5th Edition (Irwin Electronics & Computer Enginering) Microelectronic Circuit Design CMOS Circuit Design, Layout, and Simulation, 3rd Edition (IEEE Press Series on Microelectronic Systems) Microelectronic Circuit Design, 3rd Edition Microelectronic Circuit and Devices (2nd Edition) (Part A & B) Summer Circuit (Show Circuit Series

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