Advanced Electronic Circuit Design

David J. Comer, Donald T. Comer
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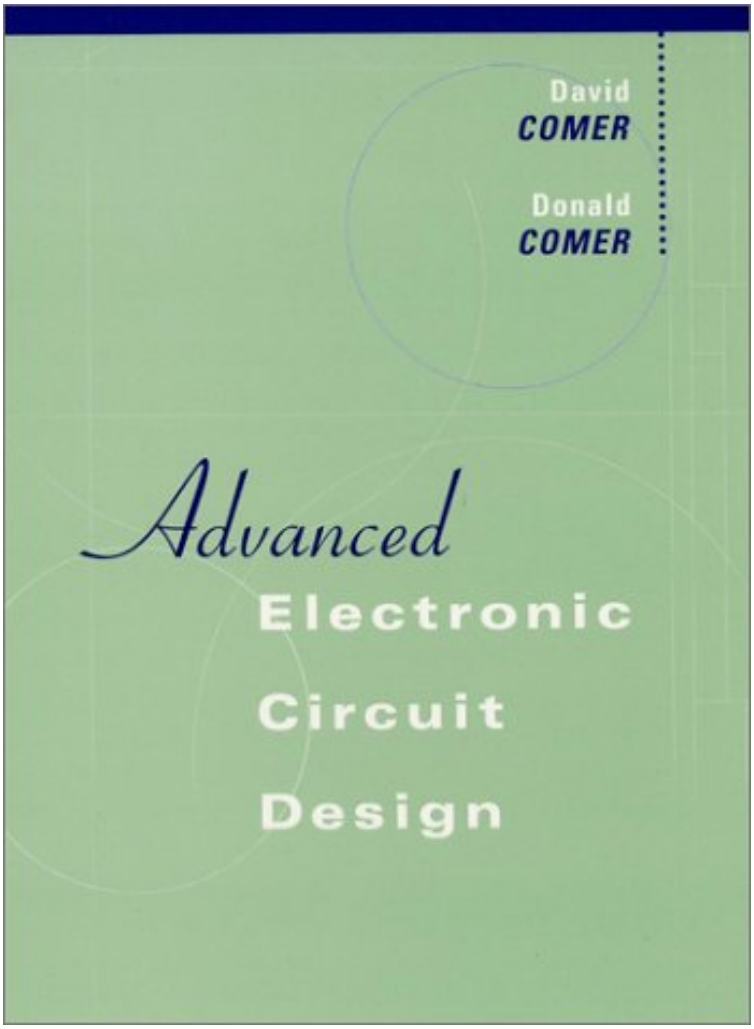

#723562 in Books 2002-12-16Original language:EnglishPDF # 1 10.35 x .79 x 8.05l, #File Name: 0471228281520 pages | File size: 15.Mb

David J. Comer, Donald T. Comer : Advanced Electronic Circuit Design before purchasing it in order to gage whether or not it would be worth my time, and all praised Advanced Electronic Circuit Design:

1 of 1 people found the following review helpful. Really excellent, but . . .By Trelligan- This book is a sequel to Fundamentals of Electronic Circuit Design by the same authors. As such, it builds on the prior book in many ways, and refers there a few times...- Unfortunately, I can't afford $150 (or even $78) for my own adult self-education. If anyone knows where to find a copy of the earlier book for low two-figures, please let me know.0 of 0 people found the following review helpful. Great ValueBy T. AlmadhiThis book is a great value with this price tag. I didn't like the paperback and the photocopy nature of this book. However, I like broad spectrum of topics visited. Three great things about this book: 1) Numerous practical considerations notes 2) Important concepts included at the beginning of each section 3) Answers of selected problems. One drawback is the focus on BJT is more than MOS. The level of this book

in intermediate-advanced.3 of 5 people found the following review helpful. Pieces of informationBy Young InvestorThis book was used with alot of teacher generated handouts and with using an existing textbook I had already owned. This was for a senior course in electronics with topics needed to build basic RF circuitry. This does not cover microwave electronics more VHF and UHF. Microwave electronics takes more things into account. Use of this book is suggested with a good teacher. I could not find any single book in our libraries or other local collegian libraries on the subject. Everyone wants to go straight to microwave this is one of the few collections about non microwave design that I was able to find. I wish it could be better.

Description: Building on Fundamentals of Electronics Circuit Design, David and Donald Comer?s new text, Advanced Electronic Circuit Design, extends their highly focused, applied approach into the second and third semesters of the electronic circuit design sequence. This new text covers more advanced topics such as oscillators, power stages, digital/analog converters, and communications circuits such as mixers, and detectors. The text also includes technologies that are emerging. Advanced Electronic Circuit Design focuses exclusively on MOSFET and BJT circuits, allowing students to explore the fundamental methods of electronic circuit analysis and design in greater depth. Each type of circuit is first introduced without reference to the type of device used for implementation. This initial discussion of general principles establishes a firm foundation on which to proceed to circuits using the actual devices. Features: 1. Provides concise coverage of several important electronic circuits that are not covered in a fundamentals textbook. 2. Focuses on MOSFET and BJT circuits, rather than offering exhaustive coverage of a wide range of devices and circuits. 3. Includes an Important Concepts summary at the beginning of each section that direct the reader?s attention to these key points. 4. Includes several Practical Considerations sections that relate developed theory to practical circuits. Instructor Supplements: ISBN SUPPLEMENT DESCRIPTION Online Solutions Manual Brief Table of Contents: 1. Introduction 2. Fundamental Power Amplifier Stages 3. Advanced Power Amplification 4. Wideband Amplifiers 5. Narrowband Amplifiers 6. Sinusoidal Oscillators 7. Basic Concepts in Communications 8. Amplitude Modulation Circuits 9. Angle Modulation Circuits 10. Mixed-Signal Interfacing Circuits 11. Basic Concepts in Filter Design 12. Active Synthesis 13. Future Directions

From the Back CoverBuilding on the remarkable success of Fundamentals of Electronics Circuit Design, David and Donald Comer's new text, Advanced Electronic Circuit Design, extends their highly focused, applied approach into the second and third semesters of the electronic circuit design sequence. This new text covers more advanced topics such as oscillators, power stages, digital/analog converters, and communications circuits such as mixers, and detectors. The text also includes technologies that are emerging. Advanced Electronic Circuit Design focuses exclusively on MOSFET and BJT circuits, allowing students to explore the fundamental methods of electronic circuit analysis and design in greater depth. Each type of circuit is first introduced without reference to the type of device used for implementation. This initial discussion of general principles establishes a firm foundation on which to proceed to circuits using the actual devices. Features Provides concise coverage of several important electronic circuits that are not covered in a fundamentals textbook