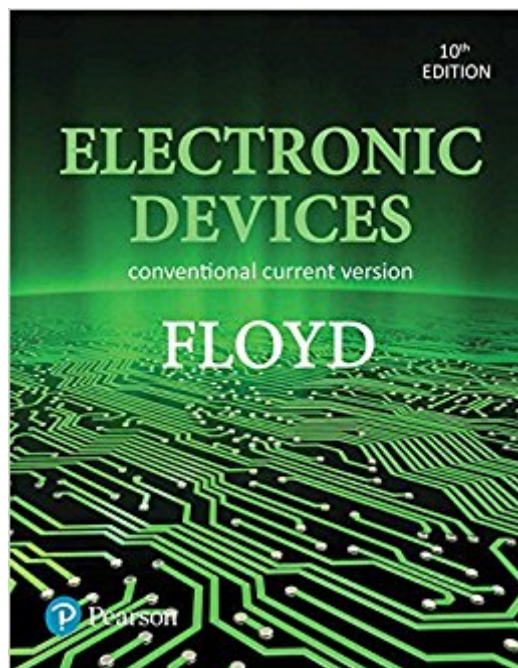




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Electronic Devices (Conventional Current Version) (10th Edition) (What's New In Trades & Technology)



Synopsis

For courses in basic electronics and electronic devices and circuits • A user-friendly, hands-on introduction to electronic devices filled with practical applications and software simulation

Electronic Devices (Conventional Current Version), 10/e, provides a solid foundation in basic analog electronics and a thorough introduction to analog integrated circuits and programmable devices. The text identifies the circuits and components within a system, helping students see how the circuit relates to the overall system function. Full-color photos and illustrations and easy-to-follow worked examples support the text's strong emphasis on real-world application and troubleshooting. Updated throughout, the Tenth Edition features selected circuits keyed to Multisim V14 and LT Spice files so that students learn how to simulate, analyze, and troubleshoot using the latest circuit simulation software. Additionally, an entirely new Chapter 18, "Communication Devices and Methods," introduces communication devices and systems.

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Book Information

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Customer Reviews

Thomas L. Floyd has a Master's degree in Electrical Engineering (SMU) and Bachelor's degree in Electrical Engineering (UF). He has worked as a design engineer at Texas Instruments and senior engineer at Martin-Marietta (now Lockheed-Martin). In addition, he has five years' experience teaching and as department head of the Electronics Technology program at Valencia Community College, Orlando, FL, and five years teaching electronics technology at Mayland

Community College, Spruce Pine, NC.Â Floyd has been writing textbooks in electronic technology since 1975 including Digital Fundamentals, Principles of Electric Circuits, Electronics Fundamentals, Electronic Devices, Electric Circuit Fundamentals, Digital Fundamentals: A Systems Approach, Digital Fundamentals with PLD Programming, Fundamentals of Analog Circuits: A Systems Approach, Science of Electronics: Digital, Analog Fundamentals, Basic Operational Amplifiers and Linear Integrated Circuits, DC/AC Fundamentals: A Systems Approach, and Renewable Energy Systems.

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This book is written in a very clear and easy-to-follow way. The author does not assume a lot of knowledge on the part of the reader, and gives plenty of clear, relevant examples to make sure that the subject is fully understood. This is a great introductory book on transistors. I particularly appreciated the inclusion of actual datasheets and the use of them in exercises. In the real world, I use datasheets all the time, so it was helpful to know what to look for. The book is probably too simplistic for anyone who already has had a class on the subject. My experience with books by Floyd is fairly consistent - he is generally clear and easy to understand, but the tradeoff is that the books often lack the depth and complexity explored by other authors. If you buy this book, be sure you are aware which version you are getting - it comes in both "electron-flow" and "conventional current" versions, and it WILL make a difference to you.

No complaints from the College guy !

This book saved me throughout Analog I and Analog II. Its a dry read, but packed with info. The reviews at the end of the chapter give all the formulas and diagrams needed to gain a quick

understanding of the fundamental building blocks of the electronic world.

It was a great support.

Seems to be in new condition.

A pretty standard textbook for a college-level electronics course. Everything is nicely organized in a readable manner and also includes many "application" sections and thorough explanations of conceptual material.

As a relative newbie Floyd's series of text gave me the confidence to teach myself electronics at least to the hobbiest level. The very best!

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