



## All New Electronics Self-Teaching Guide (Self-Teaching Guides)

*By Harry Kybett, Earl Boysen*

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For almost 30 years, this book has been a classic text for electronics enthusiasts. Now completely updated for today's technology with easy explanations and presented in a more user-friendly format, this third edition helps you learn the essentials you need to work with electronic circuits. All you need is a general understanding of electronics concepts such as Ohm's law and current flow, and an acquaintance with first-year algebra. The question-and-answer format, illustrative experiments, and self-tests at the end of each chapter make it easy for you to learn at your own speed.

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**Bibliography**

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## **Editorial Review**

From the Back Cover

### **Learn the fundamental principles of electronic circuits at your own pace**

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- Easily master the mathematical calculations that help you to understand the operation of electronic circuits
- Review the concepts and equations you need to design basic circuits using direct current and alternating current
- Understand the principles of the transistor, a key building block of modern electronics
- Calculate the values of currents, voltages, and resistances in circuits that use transistors as switches or amplifiers
- Discover methods for filtering electronic signals to reduce noise or enhance the signal
- Explore the concepts and equations governing oscillators and power supplies, including step-by-step procedures for designing an oscillator and a power supply circuit
- Gain an understanding of the currents, voltages, and principles and calculations that allow you to select components for circuits

About the Author

**Earl Boysen** is a veteran engineer who maintains two technology-focused Web sites, [www.buildinggadgets.com](http://www.buildinggadgets.com) and [www.understandingnano.com](http://www.understandingnano.com). He is coauthor of *Electronics For Dummies*, *Electronics Projects For Dummies*, and *Nanotechnology For Dummies*, all published by Wiley. Visit his sites at: [www.buildinggadgets.com](http://www.buildinggadgets.com) and [www.understandingnano.com](http://www.understandingnano.com)

The late **Harry Kybett** wrote the bestselling first and second editions of *Electronics Self-Teaching Guide*. He was director of engineering operations at Columbia Pictures Corporation. He built many studios and video systems for the broadcasting industry and created training programs for Sony Corporation of America.

## **Users Review**

**From reader reviews:**

**Katherine Humphrey:**

Book is actually written, printed, or outlined for everything. You can understand everything you want by a guide. Book has a different type. As it is known to us that book is important matter to bring us around the world. Next to that you can your reading proficiency was fluently. A guide All New Electronics Self-Teaching Guide (Self-Teaching Guides) will make you to possibly be smarter. You can feel more confidence if you can know about anything. But some of you think that will open or reading some sort of book make

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