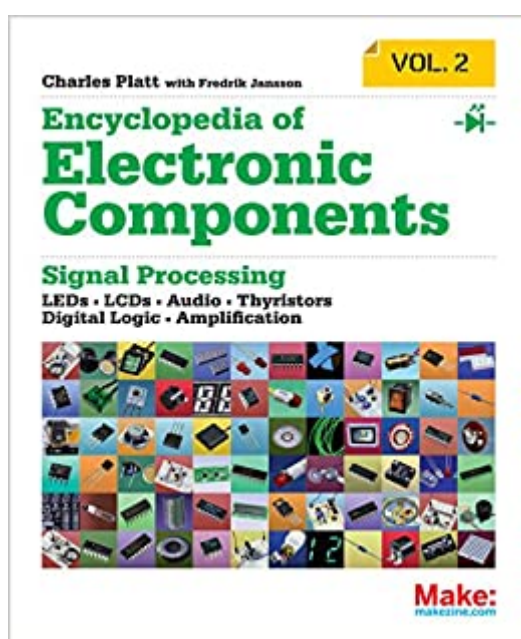


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# Encyclopedia Of Electronic Components Volume 2: LEDs, LCDs, Audio, Thyristors, Digital Logic, And Amplification



## Synopsis

Want to know how to use an electronic component? This second book of a three-volume set includes key information on electronics parts for your projects--complete with photographs, schematics, and diagrams. You'll learn what each one does, how it works, why it's useful, and what variants exist. No matter how much you know about electronics, you'll find fascinating details you've never come across before. Perfect for teachers, hobbyists, engineers, and students of all ages, this reference puts reliable, fact-checked information right at your fingertips--whether you're refreshing your memory or exploring a component for the first time. Beginners will quickly grasp important concepts, and more experienced users will find the specific details their projects require. Volume 2 covers signal processing, including LEDs, LCDs, audio, thyristors, digital logic, and amplification. Unique: the first and only encyclopedia set on electronic components, distilled into three separate volumes. Incredibly detailed: includes information distilled from hundreds of sources. Easy to browse: parts are clearly organized by component type. Authoritative: fact-checked by expert advisors to ensure that the information is both current and accurate. Reliable: a more consistent source of information than online sources, product datasheets, and manufacturer's tutorials. Instructive: each component description provides details about substitutions, common problems, and workarounds. Comprehensive: Volume 1 covers power, electromagnetism, and discrete semiconductors; Volume 2 includes LEDs, LCDs, audio, thyristors, digital logic, and amplification; Volume 3 covers a range of sensing devices.

## Book Information

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## Customer Reviews

### Signal Processing

Charles Platt is a Contributing Editor and regular columnist for Make magazine, where he writes about electronics. He is the author of the highly successful introductory hands-on book, *Make:Electronics*, and is writing a sequel to that book in addition to volumes 2 and 3 of the *Encyclopedia of Electronic Components*. Platt was a Senior Writer for *Wired* magazine, and has written various computer books. As a prototype designer, he created semi-automated rapid cooling devices with medical applications, and air-deployable equipment for first responders. He was the sole author of four mathematical-graphics software packages, and has been fascinated by electronics since he put together a telephone answering machine from a tape recorder and military-surplus relays at age 15. He lives in a Northern Arizona wilderness area, where he has his own workshop for prototype fabrication and projects that he writes about for *Make* magazine.

It's decent, and compiles a lot of useful information, but a lot of the information is just paraphrased from wikipedia, and likewise many of the images are from wikipedia.

Same as the first one. You cant go wrong with this book. It shows you how some components work and the different types of them.

There is lots of great information. Good companion to the make project books. The other reference books are good too.

Just getting into electronics, this is a great book to help understand electronics. Highly recommend!

I love it.

Platt's *Encyclopedia of Components* is a great series, very well written with lots of practical information. Looking forward to his volume 3 treatment of sensors.

Very concise and thorough book. A must have for all electronics enthusiast for quick reference and

overview of all relevant characteristics of the devices covered.

Excellent resource for the hobbieist. While the publisher states it's not intended to be read sequentially, I find it interesting enough read it that way.

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