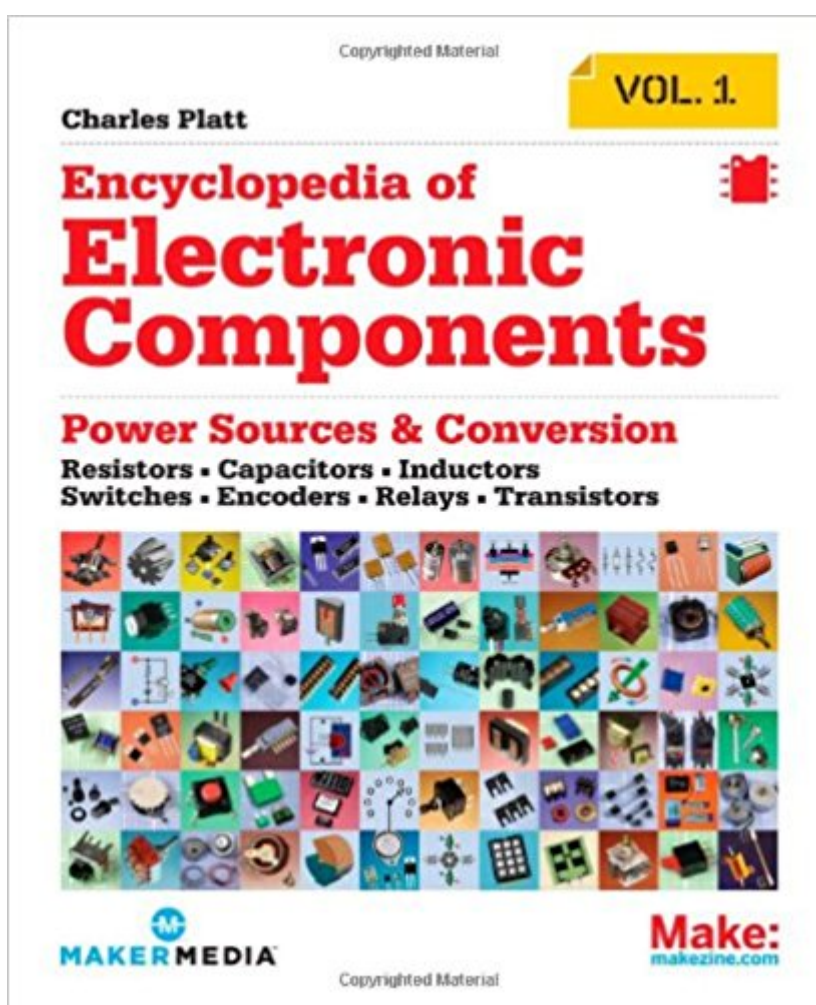


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# Encyclopedia Of Electronic Components Volume 1: Resistors, Capacitors, Inductors, Switches, Encoders, Relays, Transistors



## Synopsis

Want to know how to use an electronic component? This first 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. Convenient, concise, well-organized, and precise. 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. 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 semi-conductors; Volume 2 includes integrated circuits, and light and sound sources; Volume 3 covers a range of sensing devices.

## Book Information

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### Power Sources and Conversion

Encyclopedia of Electronic Components will be in three volumes, the second and third of which are now in preparation. In addition, Charles Platt is working on a sequel to his popular *Make:Electronics*, to be titled *Make More Electronics*.

Great reference book to look back on or if you're just starting out it's great to see what components do what. You honestly can't go wrong with this book!

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 can't wait for volumes 2 and 3 to come out! This book is a fairly comprehensive look at just about every passive electronic component out there. It has great detailed descriptions, beautiful photographs (of electronic components...lol) and even some basic circuit uses of the components. This is not a how to book. This is exactly as the name states...an encyclopedia. But if you're looking for an overview of parts...this is your book!

Can't go wrong with Charles Platt. You always learn something from him.

This book, I felt was too hard for me to comprehend, yet it was written in such a way that it was possible for me (a beginner within the field of electronics) to dive into it with full enthusiasm. This book I felt had to be like a reference-book, at the same time, I felt a need to make my own notes (in the book) with under-and over-linings, so therefore I ordered a second book, and kept the first book as a reference.

can't get much better than Charles Platt books

My electrical engineer/sys admin husband bought this book after I expressed an interest in learning more about the projects he works on at home. It isn't a 'how to' book, but it gives you a great overview of different electronic components and how they are used. There are lots of diagrams and photos throughout explaining difficult concepts. It has made it much easier for me to get involved in some of the interesting projects we have going on here! Looking forward to the next book.

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