



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

*Charles Platt*

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## **Encyclopedia of Electronic Components Volume 1: Resistors, Capacitors, Inductors, Switches, Encoders, Relays, Transistors** Charles Platt

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.

## **Encyclopedia of Electronic Components Volume 1: Resistors, Capacitors, Inductors, Switches, Encoders, Relays, Transistors Details**

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# **From Reader Review Encyclopedia of Electronic Components Volume 1: Resistors, Capacitors, Inductors, Switches, Encoders, Relays, Transistors for online ebook**

## **Mark Moran says**

Super useful and entertaining. Even though this is an encyclopedia / reference book, I read it straight through in order and enjoyed it.

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## **Alexander Schoenen says**

### **Nice, easy read for airplane rides, quick refresh**

Nice, easy read also for professionals. Fairly comprehensive, very broad, not much depth. Great for beginners, good, quick re-fresh for professionals. I loved to read the series of all three books on an air plane. If you need in depth information then buy a book for the specialty you are looking for.

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## **Frank says**

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## **Tim Corrigan says**

Pretty good book for an introduction, and I think it would do well with its target audience of beginners. Just understand that as an encyclopedia it is in no way encyclopedic... I wanted to figure out some circuits for antenna impedance matching and also cascodes, and it's not going there.

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## **Jason says**

A good summary of parts and what they're used for, though the book doesn't do much to teach people how to put everything together.

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## **Mills College Library says**

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