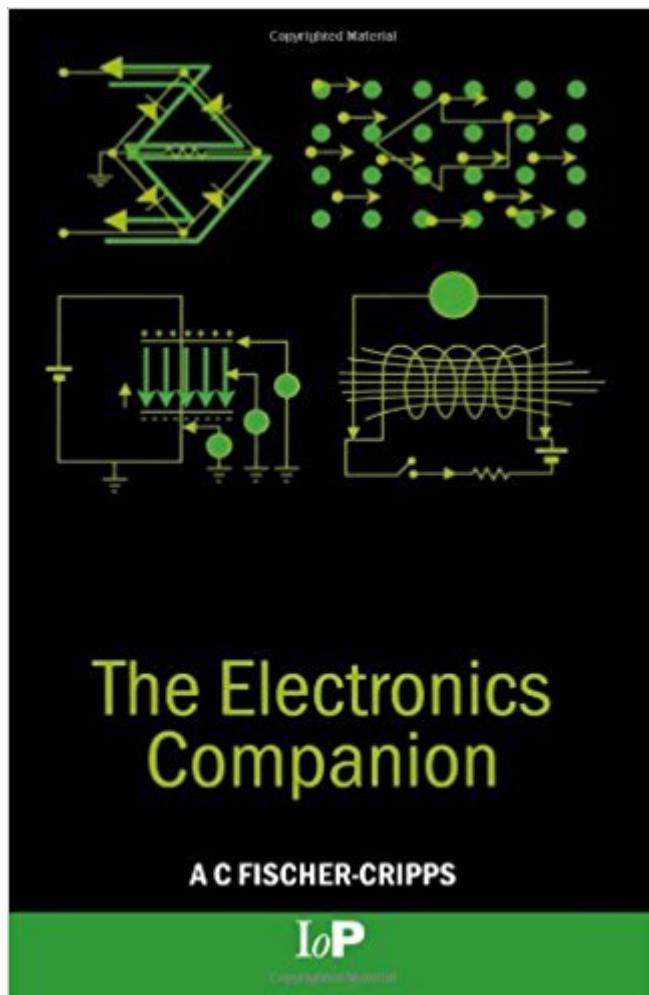


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# The Electronics Companion



## Synopsis

Written by the author of the hugely successful The Physics Companion, The Electronics Companion covers the core topics of electrical engineering, providing a logical and consistent account of the way in which basic electronic circuits are designed and how they work. The author illustrates key concepts and principles of electronic devices in clear, one-page, figure-rich descriptions. Intended as a support to more conventional electronics texts, the book contains many worked examples and review questions throughout. It concludes with a laboratory section describing experiments that can be carried out by students in their own time or under the supervision of an instructor. Discussing the principal issues of electrical and electronic engineering and applied physics, this book will be an invaluable resource to students revising for exams and throughout the course of their degree.

## Book Information

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Average Customer Review: 4.6 out of 5 stars 2 customer reviews

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## Customer Reviews

This book is not designed to teach you about electronics engineering, but as a quick introduction to the basics of electronics. It covers everything from DC to digital at a level for someone who needs to understand the hows and whys of the basic electronic component building blocks but has no plans to make a career in electronics. Therefore, it is not a substitute for text books like Electric Circuits (Nilsson) and Microelectronic Circuits (Sedra/Smith). Pros: I found the quick reference page associated with each chapter a nice feature as well as the chapter problems which included answers (but not worked solutions). It also has a chapter devoted to lab exercises which are designed to reinforce the material presented in the text. Cons: The author appropriately makes some

common simplifications but does not always tell the reader that he has done so. This can be confusing to the uninformed who cannot understand why the author may get a different answer to a particular problem than what is achieved by following the examples. There are also a few answers to exercises that are just incorrect. But all this is to be expected in a first edition. In summary, the book is worth the price as it contains a lot of material in a very compact form if you are looking for something to help you get the basics.

Great book this really helped me a lot, I have learned so much from this great book. I use it for reference until this day. Books are the greatest tool you can have with you because more books you read the greater your knowledge bank will be. Keep reading my friends:) ☺

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