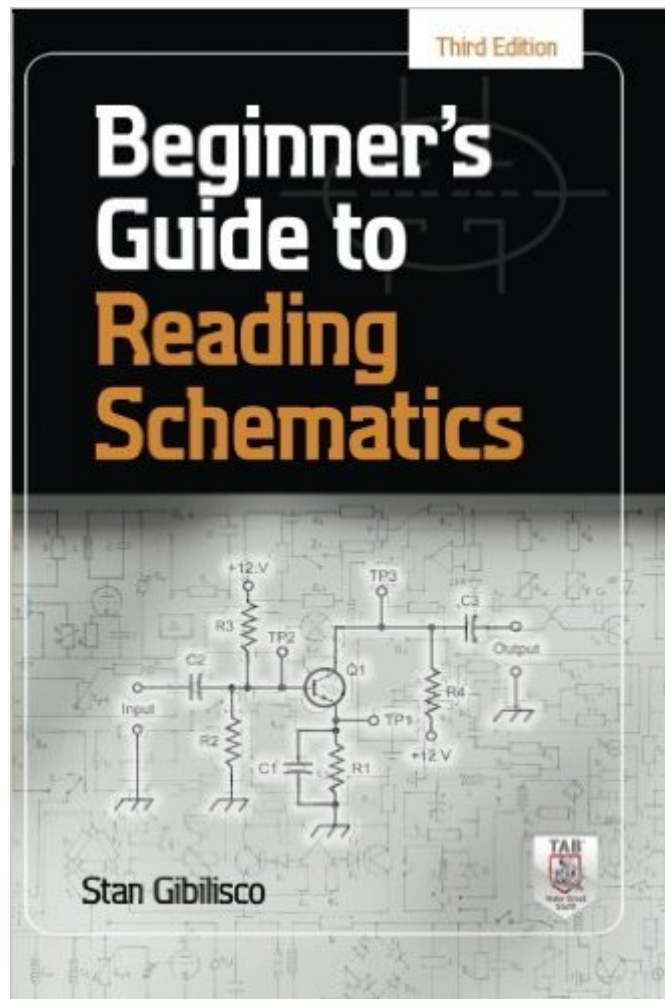


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# Beginner's Guide To Reading Schematics, Third Edition



## Synopsis

Translate schematic diagrams into today's cutting-edge electronics. Navigate the roadmaps of simple electronic circuits and complex systems with help from an experienced engineer. With all-new art and demo circuits you can build, this hands-on, illustrated guide explains how to understand and create high-precision electronics diagrams. Find out how to identify parts and connections, decipher element ratings, and apply diagram-based information in your own projects. *Beginner's Guide to Reading Schematics, Third Edition*, also contains valuable appendices covering symbols and resistor color codes. Featuring detailed coverage of: Schematic, block, and pictorial diagrams Resistors and capacitors Inductors and transformers Switches, conductors, and cables Diodes, transistors, and logic gates Electron tubes Cells and batteries Voltage dividers and reducers Breadboards and wire wrapping Electronics troubleshooting

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## Customer Reviews

How many authors take the time to make a comprehensive video series that presents and supports their entire book? Stan Gibilisco does just that with the third edition of *Beginning Guide to Reading Schematics*. Both the book and video series start with an explanation of what is involved in understanding electronic schematics. Block diagrams, component symbols, simple circuits, and complex circuits are all chapter titles. Each of these subjects is dealt with in an easy to read (and view) format. I have read the previous versions of this book and Stan has rewritten many sections,

redrawn all the schematics, and included a new section that explains how each circuit works. Combining reading with viewing the YouTube videos will give a beginner as well as an "old hand" a new understanding and appreciation for electronics! I built the test board in the "Let's learn by doing" chapter and completed all the experiments. I found this great fun and recommend that all readers try them. Yes, there are nice videos supporting this section of the book too! All in all a great book and video series that I give five stars! Well done Stan!!(Stan also has videos supporting his other books at [sciencewriter.net](http://sciencewriter.net). Check them out!!!)

Stan Gibilisco's *Beginner's Guide to Reading Schematics, Third Edition*, goes way beyond what one would expect in a book of this title. The spring binding makes it easy to use on your work bench just as Stan's lucid writing and clear graphics make it incredibly useful for the serious student or experimenter on any level. The book starts out by defining what is meant by schematic representation and then goes on to present and discuss increasingly complex electronic circuitry, always explaining it in simple terms that the novice can easily understand yet are useful to the more advanced technician as well. I highly recommend this book for all electronics students who want to broaden their perspective without getting lost in the details. Stan has written many books on the subjects of electronics and mathematics (most published by McGraw-Hill) and the ones I have read have been immensely helpful.

Mr. Gibilisco is the best writer-teacher I have ever read. I usually get "Great Courses" DVD's but I wasted my money and have learned that they lack a good Teacher for Electronics for beginners. To be just - I have many of their courses and they are all very good to great I have found McGraw Hill employs Mr. G, who has on-line beginners Electronic courses via books ( I prefer DVD's). Can't wait to get his first course book.

I read the whole book and it's great! I mean, I've read mostly Navy Avionics schematics and a few schematics for components I've dealt with in flight simulation. So, my reading level is kind of limited. That's why I bought this book. The reviews of the previous *Beginner's Guide to Reading Schematics* were great. So, I was expecting big things. What I found was that the 3rd edition does a phenomenal job of explaining how to look at schematics. Gibilisco compares a schematic to a map and by using that analogy he really pulls together an understanding of how to generally follow a schematic. That's my favorite part of this book. It's also a great reference for illustrated components you might find common to most schematics. But the book doesn't go into detail of how to

understand the functionality of components through reading a schematic. Toward the end of the book you are given an opportunity for hands on applications that I'm sure help better understand schematics. I didn't do these but I could tell by looking at the exercises and the required hardware that they were limited in scope. One day I will spend the money and do the exercises but no matter, I will still be missing a large portion of understanding that was hoping to get from this book.

I purchased this book for a colleague who is interested in learning electronics. I reviewed the book when it arrived before giving it to him. It is excellent for someone who wants to learn to read electronic schematics which is crucial to understanding and repairing circuits. I particularly liked the section on schematic symbols because it is very complete. There are many symbols that must be learned. A nice thing about this book is the spiral binding allowing the book to lie flat on the desk. Finally, Stan Gibilisco writes very well and all his electronics books are clear and understandable. I would highly recommend this book for beginners!

Very well written. clear and easy to understand. The author uses very simple analogies to relate to circuit construction and function. A must for anyone who wants to learn how to read schematic diagrams and, understand how each component in the diagrams functions.

It's a very good book for a beginner to understand symbols and drawing conventions. The Youtube video's by Stan lead me to believe that there would be more advanced material regarding circuit analysis but in retrospect I guess I just read too much into it. I also remember him saying something about how if the book got wet nothing would happen but the pages inside are paper not any kind of water resistant material. Perhaps I just misunderstood. If you want to understand all the symbols on electronic drawings this is the book for you. I wish I had it when I started.

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