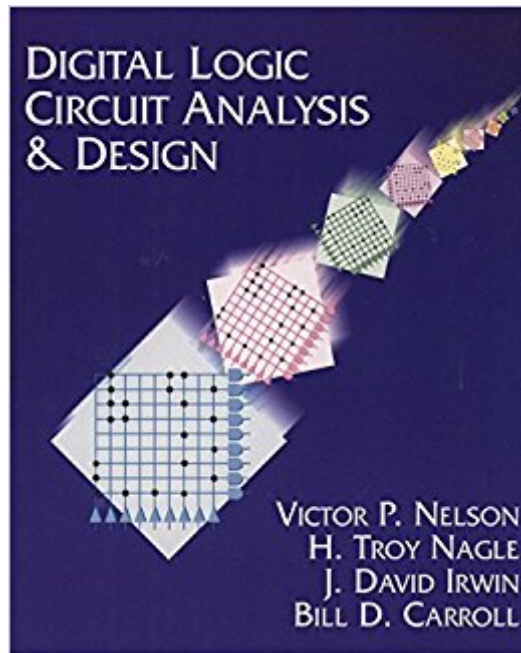


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# Digital Logic Circuit Analysis And Design



## Synopsis

This text balances theory and practice without excessive technical or mathematical language and has coverage of current topics of interest, such as programmable devices, computer-aided design, and testability, supported by a number of illustrations, examples and problems.

## Book Information

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Average Customer Review: 3.7 out of 5 stars [See all reviews](#) (13 customer reviews)

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## Customer Reviews

Teachers, why do you continue to choose texts that are this terrible? Do you want to drive students away? Are you trying to crush their spirits early because you think it will make them invulnerable to the drudgery of later life? Please stop. You're hurting us.

The review: The book itself is basically a collection of IC data sheets loosely strung together with the connective thread of digital logic. But it's just a thread. Accessible writing is about the last thing on these authors' minds as they happily fill page after page with circuit diagrams, often for no apparent reason at all. This book would be half the size and twice as easy to read if 90% of the data sheets had been omitted.

Concepts, even simple ones, are often explained poorly. Examples of these concepts are not always provided, but when they are it is often in a different part of the chapter. The book is utterly useless for independent study.

The questions at the end of sections are also largely useless because the solutions manual is only accessible to teachers. Why? Because I guess checking your work and comparing your methods to someone with more experience isn't the way engineering happens anymore.

There is only one positive aspect to this book: it actually works quite well as a reference. If

your teacher is very good at explaining concepts (as mine was) and takes the time to go over many examples in class, then this book can act as an excellent reference for looking up particular design principles via the appendix. This makes doing independent lab work useful and gives the book some shelf life it wouldn't have otherwise. If you're looking to learn from the book, to teach yourself or to even have something in a classroom that makes teaching easier then stay away. If you want a book that provides vast amounts of information to act as a lab reference manual for concepts and design principles, this might not be a bad choice.

NOT SUITABLE FOR PAPERBACK. I rented this book used (paperback) and the book is large.... very large.... and this made the book very fragile. rent the hardcover because I might have to purchase mine because it is so weak.

Excellent book for entry level to digital design. Serves very well as reference guide for the basics on digital design. Lots of solved problems and problems to do. Some math that you can go into or skip.

I am second year student in Electrical Engineering. I used the book to prepare for my Digital Design exam last semester. Passed with almost 100% :) Now I read the book for a second time, especially the last chapters. I think this is a great book if you want to understand the basics of the Digital D&A. You will find almost everything, from basic boolean algebra to CPLD and FPGA structure and functions. The explanations are very clear with a lot of graphics. In conclusion: This is a TOP 1 Book for everyone who enters (and not only) the amazing world of Digital D&A. I can only recommend it.

The material covered in this book is basic and not presented in any better manner than any other text on the subject. The binding, paper, and quality of print is marginal, especially for the price. This is not a high quality book by any definition. Additionally, the spine has already broken on this book and that happening with very little use. Very poor quality.

So this book was used for my sophomore year digital circuit class, and I thought the class was brutal. It had nothing to do with the actual difficulty of the class and had everything to do with this textbook (I'm not sure if this even qualifies as a textbook). This is not good to learn from and I would suggest getting another textbook unless your teacher assigns problems from this book (my professor hardly ever did). One positive thing to note, as another reviewer did, is the book's usefulness as a reference. So bottom line- if you need it or want a good reference buy it and if you

don't then save your money.

Provides a superb one semester introduction course into the field of digital logic design. Enough material to provide a good reference for use in later practice.

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