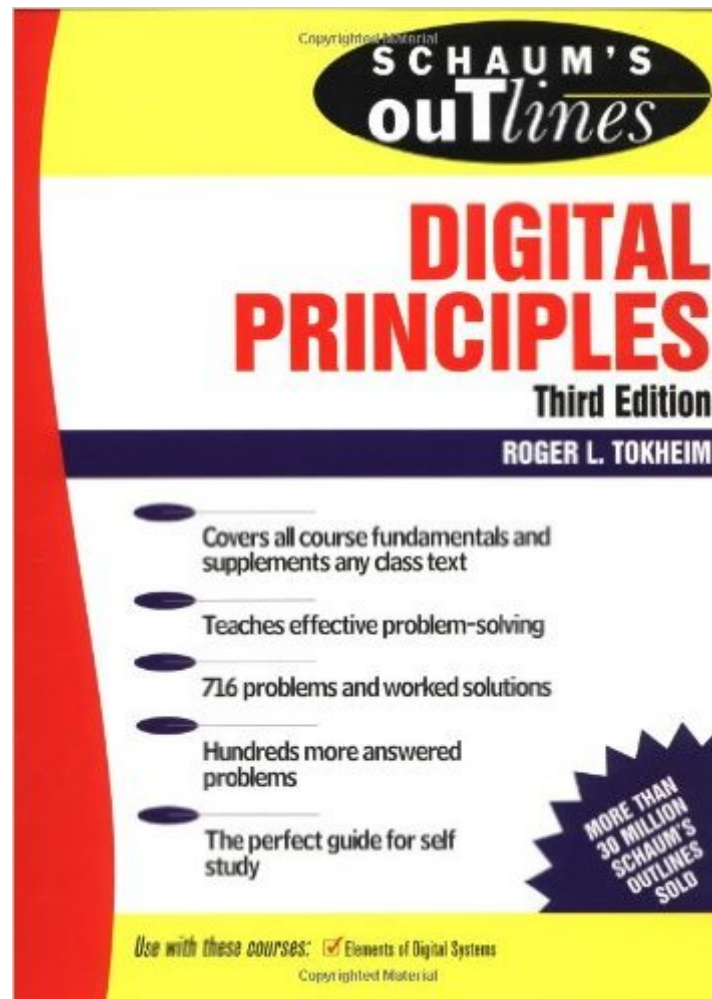


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# Schaum's Outline Of Digital Principles



## Synopsis

If you want top grades and thorough understanding of digital principles, this powerful study tool is the best tutor you can have! It takes you step-by-step through the subject and gives you accompanying related problems with fully worked solutions. You also get additional problems to solve on your own, working at your own speed. (Answers at the back show you how youâ™re doing.) Famous for their clarity, wealth of illustrations and examplesâ•and lack of dreary minutiaeâ•Schaumâ™s Outlines have sold more than 30 million copies worldwide. This guide will show you why!

## Book Information

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## Customer Reviews

This Schaum's outline is great for electrical engineering undergraduate students who are taking a first course in digital logic and digital circuit design. It starts out with the binary number system and the various binary codes and then moves on to logic gates. The theory that allows the simplifying of circuits and the substitution of one set of logic gates for another is also covered. The last 60% of the book involves an introduction to the various base devices used in logic design: flip-flops, counters, shift registers, memory devices, and adders among others. Each section shows how more sophisticated devices can be described in terms of the simpler devices already introduced. For students who want a more in-depth treatment of the synthesis and simplification of switching and logic circuits and more advanced Boolean algebra theory than this book provides, I suggest

"Schaum's Outline of Boolean Algebra and Switching Circuits". The only negative thing I have to say is that most of the problems in the outline involve analysis of circuits rather than circuit design, which is usually the main point of any digital electronics class, even a beginning one. However, I would still recommend it as a supplement.

A very useful book on the subject which gives you the crux and essentials which most text books ramble on and on with leaving one to wonder what they are talking about. This Schaum's Outline also serves as a good reference for engineers who need to brush-up on some of the essentials so as to get a project done. Now why couldn't the professors I had in university be as clear and concise as this Schaum's Outline is on the subject?

I had to get back to digital principles years after I took the course during my under-grad. The book served a real good purpose for this. For it's price, I think it's the best in the category and yet simple enough for beginners to understand. The examples are really helpful.

I used the Schaum's advanced outline in Digital Signal Analysis many years ago and remembered how good it was. So I was looking for a good digital circuits book for a friend with no previous background, and I naturally thought of the Schaum's series as I knew they also had books on basic analog circuits and digital circuits. After checking them out, I was impressed and recommended them to my friend. The nice thing about the Schaum's books is that they get straight to the point and just tell you the absolutely essential facts and theory without any filler or fluff. The problem sets and worked examples are also often better than what you get in the major standard texts. In college almost every class I took for which there was a comparable Schaum's book, from genetics to statistics and probability to electronics, I would buy the Schaum's Outline, and I always found them to be a great value for the money and a big help in my studies. If you're looking for the best supplements for a course I think the Schaum's books are the best of breed in their respective subjects.

I am taking a class on Switching Systems & Logic Design at a community college. This book covers almost EVERYTHING in the course. If you are taking a class on digital electronics, cop a copy of this publication!

I used this book to study binary codes for a work related test. I knew nothing about binary codes &

this book made it easier to understand than what I had expected. I didn't go through the whole book, yet, but the part I needed for the test was well written.

This book was very helpful during my Digital Logic and Design course. It doesn't cover VHDL and I bought that separate from Wiley but this book could replace most texts.

State Machine Design was not included, however I give it a thumbs up for being thorough in everything else. Includes plenty of solved problems.

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