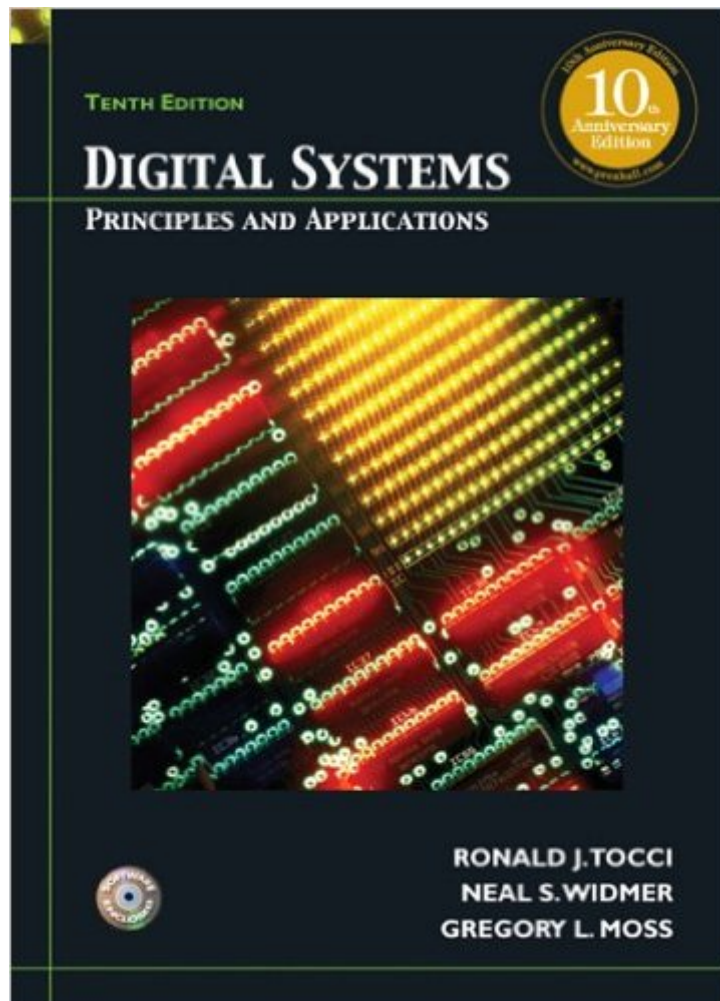The book was found

Digital Systems: Principles And Applications (10th Edition)

Synopsis

Tocci and Widmer use a block diagram approach to basic logic operations, enabling readers to have a firm understanding of logic principles before they study the electrical characteristics of the logic ICs. KEY TOPICS For each new device or circuit, the authors describe the principle of the operation, give thorough examples, and then show its actual application. An excellent reference on modern digital systems.

Book Information

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Customer Reviews

From the basis of binary numbers to an introduction to digital computers, this book covers (with a lot of figures, examples, review questions and problems) logic gates, FFs (flip-flops), combinational circuits, way of reading datasheets, counters, D/A and A/D converters, memories, PLAs, PLDs, and so on. I have used editions 2nd and 6th (ISBN 0133093867), and also browsed Ed. 7th, and some information gets updated as fundamentals' explanation is somehow improved. Moreover, Ed. 7th also includes a CD with simulation software and datasheets. Be careful not to take the Study Guide instead of the textbook. I've made such a mistake in .

This is the book for you. I am a 32 year old U.S. Army leader. I instruct at the U.S. Army Signal Center. I have no time for traditional education. This book is a masterful work and well suited for anyone who desires an intimate knowledge of digital systems, but has no prior background. If you don't have timeto take a traditional college course. GET THIS BOOK! Better than any classroom

instruction this book will give you all the fundamentals in a clear and concise manner. Wonderful book.Thank you Mr Tocci, for a job very well done!

This is the best book to understand Digital Electronics with clear and simple explanations. The salient feature of this book is that it has lot of applications sprayed throughout which keeps the reader attentive and interested. A "Must Read" for graduate/undergraduate students in any university in the world.

If someone who is just starting to learn about digital systems or even someone who has years worth of experience in this field, asks me what's the best book in the market to get a thorough grip on the fundamentals of digital systems, this is the book. I may not have read every book, but I'll tell you this, it definitely won't get any better.It elucidates every point with numerous and well explained examples, from what binary numbers are to analog/digital conversion methods, memory, RAM structure, etc. It is worded in almost layman's terms so the essence is easy pick up. Practical and relevant problems are given which further reinforce understanding. You also can't explain digital systems today without talking about VHDL and AHDL (Hardware Description Languages - HDL). Not only are the concepts explained through examples and diagrams, they're also covered by the HDL's, so if you're a college student where you'll most likely be introduced to them, this is ideal.I don't I need to say anything more, as it's very clear how strongly I think of this book. Get it, it will make a huge difference in your understanding.

This in the best book I have read introducing digital electronics. It is much more in depth then other books on the market. The examples go in to a level of detail that gives you a much better understanding of how certain concepts work. This is the only book I have come across that actually describes how the various logic families (CMOS, TTL) work on a transistor basis. Just great!

Most amazing thing is that this book was described as "Good". It was in all actuality "Excellent". The book was brand new and had all of the supplemental materials in it. The item came ahead of scheduled and saved me tons of money. Excellent service and a great product!

I used this book for a course on Digital Electronics. Its great. The book has a great typeset, clear and crisp fonts that go easy on the eyes, well structured (such that you read what you need in order to understand the next chapter). The book is illustrated with apt diagrams. I would consider this

book to be beginner-intermediate. This book is a good starting point for learn digital stuff, and a good reference after you learn digital stuff. Its hard to find a book as good as this one.

Tenth Edition is almost identical to the current Eleventh Edition. Most of the problems are identical. Others have four additional items added. Book is well written with many problems. Many answers are given but appear random as opposed to answers to every odd question.

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