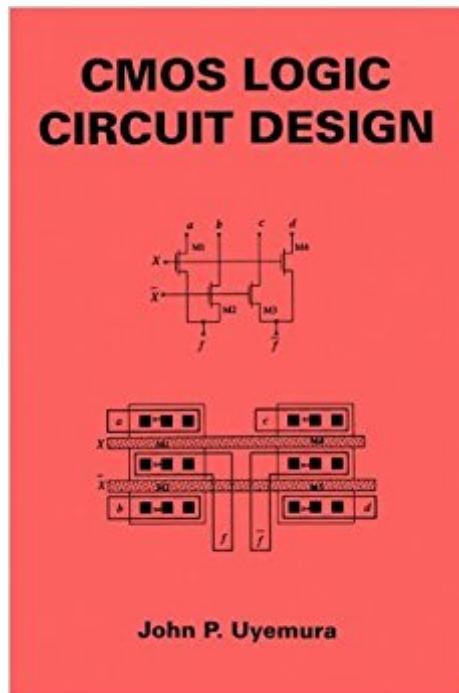




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CMOS Logic Circuit Design: 1st (First) Edition



Book Information

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Customer Reviews

By far one of my favorite books. Not that CMOS logic design is that interesting, but it's just very well written and easy to read/understand.

Book was okay. I eventually sold it

After receiving the book, I started going through it for a class on this subject matter. The only thing that is minor is that opening the front cover, it appears that the pages are slightly separating from the binding. My wife is checking with the local library to see what they do to repair this problem. Outside of this minor issue, the book is in great shape. Thanks very much!

It is meant for digital CMOS circuit designers. Not meant for digital circuits level. All are at CMOS transistor level analysis and design. Usually, most of the digital CMOS circuits in the industry have already been laid out and kept as part of the standard cell library. Even though so, we still need to have a strong concept on digital CMOS circuits in order to be a good IC designer. It is a very good book for the beginner and intermediate level, for those who have the interest to pick up CMOS digital circuits. The book is not meant to help the reader to be good at layouts, semiconductor physics and CAD tools. There are other books for those fields. The book presents a thorough explanation on digital CMOS circuit operation using both equations and words. A lot of diagrams and graphs/curves. That makes it very useful for self study. Helps the beginner (what I meant by "beginner" is that he/she should have a knowledge in fundamentals of semiconductor physics such as pn junction) to grasp the concept of digital CMOS circuit well. I have 2 more books that are by Leblebici (CMOS Digital Integrated Circuits Analysis & Design) and Neil Weste (Principle of CMOS vlsi design) and I found that this is better than both the books for beginners and for CMOS purpose. But the book by Weste is a very good reference, not meant for self reading unless you have a good

foundation in CMOS circuit design already. The book by Leblibici is almost as good as the one by Uyemura. So, I use Leblibici book for extra reference and would usually use the book by Uyemura for first read. Therefore, I found the book by Leblibici is just as important.

we were using this book at gatech. I had two courses with him and I have learned a lot from Mr. "Samurai Professor"! God bless him!

The book is very good and covers CMOS circuits in great details. It includes very good expansion diagrams. It covers not only basic static cmos family but also new cmos family circuits.

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