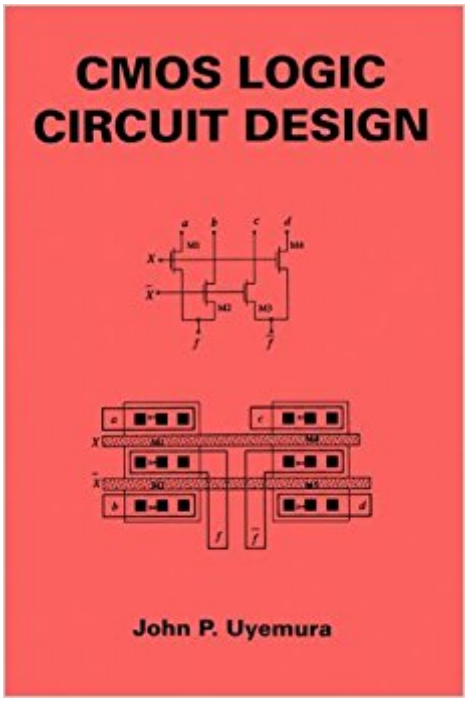
CMOS Logic Circuit Design: 1st (First) Edition



Book Information

Hardcover

Publisher: Springer-Verlag New York, LLC; 8161st edition (February 28, 1999)

ASIN: B0086HW6RE

Average Customer Review: 4.1 out of 5 stars 6 customer reviews

Best Sellers Rank: #4,212,095 in Books (See Top 100 in Books) #89 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Logic

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 fora class on this subject matter. The only thing that isminor is that opening the front cover, it appears thatthe pages are slightly seperating from the binding.My wife is checking with the local library to see whatthey 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 has 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 Leblibici (CMOS Digital Integrated Circuits Analysis & Design) and Neil Weste (Princple 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 expanation diagrams. It covers not only basic static cmos family but also new cmos family circuits.

CMOS Logic Circuit Design: 1st (First) Edition Integrated circuit devices and components (Integrated-circuit technology, analog and logic circuit design, memory and display devices) Winter Circuit (Show Circuit Series -- Book 2) (The Show Circuit) CMOS Circuit Design, Layout, and Simulation, 3rd Edition (IEEE Press Series on Microelectronic Systems) CMOS Analog Circuit Design (The Oxford Series in Electrical and Computer Engineering) Nano-CMOS Circuit and Physical Design Low-Power CMOS VLSI Circuit Design Princess: A True Story of Life Behind the Veil in Saudi Arabia 1st (first) 1st (first) Edition by Sasson, Jean published by Windsor-Brooke Books, LLC (2001) CMOS and Beyond: Logic Switches for Terascale Integrated Circuits Digital Electronics: A Primer : Introductory Logic Circuit Design (Icp Primers in Electronics and Computer Science) Logic Circuit Design (Saunders College Publishing Series in Electrical Engineering) Digital Logic Circuit Analysis and Design Summer Circuit (Show Circuit Series -- Book 1) The A Circuit (An A Circuit Novel Book 1) Off Course: An A Circuit Novel (The A Circuit) My Favorite Mistake: An A Circuit Novel (The A Circuit) Rein It In: An A Circuit Novel (The A Circuit) CMOS VLSI Design: A Circuits and Systems Perspective (4th Edition) CMOS VLSI Design: A Circuits and Systems Perspective (3rd Edition) Introduction to Logic Circuits & Logic Design with VHDL