


CMOS VLSI Design: A Circuits and Systems Perspective (4th Edition)

Neil H.E. Weste , David Money Harris

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The extensively revised 3rd edition of CMOS VLSI Design details modern techniques for the design of complex and high performance CMOS Systems-on-Chip. The authors draw upon extensive industry and classroom experience to explain modern practices of chip design. The introductory chapter covers transistor operation, CMOS gate design, fabrication, and layout at a level accessible to anyone with an elementary knowledge of digital electronics. Later chapters build up an in-depth discussion of the design of complex, high performance, low power CMOS Systems-on-Chip.

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From Reader Review CMOS VLSI Design: A Circuits and Systems Perspective (4th Edition) for online ebook

Saurabh says

good

Dancing Mystic says

My bible through school!

Hemdeep says

nice 1

Xiaofei Guo says

I find this book extremely useful as a textbook to learn VLSI design. Concepts are very well explained and the pictures are very simple and memorable.

It also embraces a variety of VLSI design topics. Even after learning it in the class and teaching it for two semesters, I still learn something new every time I read the book.

Highly recommended for anybody who wants to learn VLSI.
