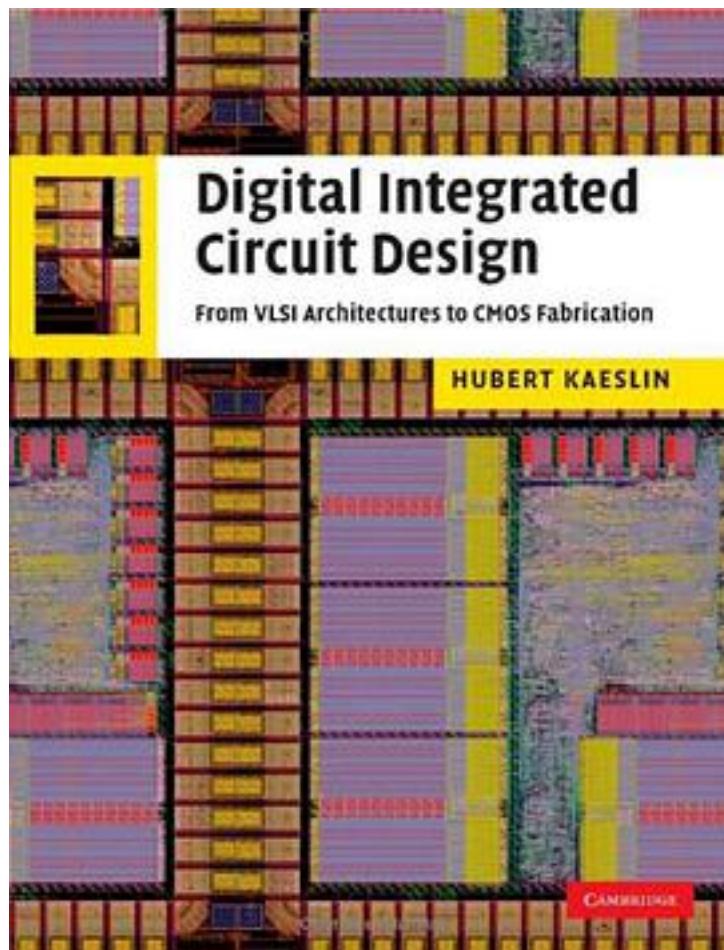


Digital Integrated Circuit Design



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This practical, tool-independent guide to designing digital circuits takes a unique, top-down approach, reflecting the nature of the design process in industry. Starting with architecture design, the book comprehensively explains the why and how of

digital circuit design, using the physics designers need to know, and no more. Covering system and component aspects, design verification, VHDL modeling, signal integrity, clocking and more, the scope of the book is uniquely comprehensive. With a focus on CMOS technology, numerous examples - VHDL and Verilog code, architectural concepts, and failure reports - practical guidelines, and design checklists, this engaging textbook for senior undergraduate and graduate courses on digital ICs will prepare students for the realities of real-world circuit design. Practitioners will also find the book valuable for its insights and its practical approach. Instructor only solutions and lecture slides are available at: www.cambridge.org/Kaeslin.

作者介绍:

Hubert Kaeslin

1985年于瑞士苏黎世联邦理工学院获得博士学位，现为该校微电子设计中心的负责人，具有20多年教授VLSI的丰富经验。

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书评

这本书是Digital Integrated Circuit Design:From VLSI Architectures to CMOS Fabrication的中文版，数字集成电路设计：从VLSI体系结构到CMOS制造。洋洋洒洒600多页，100多块钱。但是我开始看了三天了。翻译简直就像谷歌翻译的一样，我专门下载了英文电子版来对照。原版是很...

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