

The book was found

# SOI Circuit Design Concepts



## Synopsis

This book first introduces SOI device physics and its fundamental idiosyncrasies. It then walks the reader through realizations of these mechanisms, which are observed in common high-speed microprocessor designs. The book also offers rules of thumb and comparisons to conventional bulk CMOS to guide implementation and describes a number of unique circuit topologies that SOI supports.

## Book Information

Hardcover: 222 pages

Publisher: Springer; 2000 edition (January 1, 2000)

Language: English

ISBN-10: 0792377621

ISBN-13: 978-0792377627

Product Dimensions: 6.1 x 0.6 x 9.2 inches

Shipping Weight: 1 pounds

Average Customer Review: 4.0 out of 5 stars [See all reviews](#) (1 customer review)

Best Sellers Rank: #2,202,936 in Books (See Top 100 in Books) #248 in [Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > Microprocessor Design](#) #395 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Semiconductors](#) #683 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Design](#)

## Customer Reviews

A very good introductory book on SOI. But I felt that the SOI device Electrical properties could have been dealt in greater detail. Nevertheless, this book is really good for circuit designers who have just been initiated into the world of SOI.

[Download to continue reading...](#)

SOI Circuit Design Concepts Winter Circuit (Show Circuit Series -- Book 2) (The Show Circuit) Designing Dynamic Circuit Response (Analog Circuit Design) Summer Circuit (Show Circuit Series -- Book 1) Circuit Engineering: The Beginner's Guide to Electronic Circuits, Semi-Conductors, Circuit Boards, and Basic Electronics 2015 Federal Circuit Yearbook: Patent Law Developments in the Federal Circuit CMOS SRAM Circuit Design and Parametric Test in Nano-Scaled Technologies: Process-Aware SRAM Design and Test (Frontiers in Electronic Testing) Analog Circuit Design: Art,

Science and Personalities (EDN Series for Design Engineers) Skew-Tolerant Circuit Design (The Morgan Kaufmann Series in Computer Architecture and Design) Circuit: Engineering Concepts and Analysis of Linear Electric Circuits Feng Shui: Wellness and Peace- Interior Design, Home Decorating and Home Design (peace, home design, feng shui, home, design, home decor, prosperity) Radar RF Circuit Design Digital Integrated Circuit Design Using Verilog and Systemverilog RF Circuit Design, Second Edition Secrets of Rf Circuit Design RF Circuit Design: Theory & Applications (2nd Edition) CMOS Analog Circuit Design (The Oxford Series in Electrical and Computer Engineering) Zen of Analog Circuit Design Circuit Design: Know It All (Newnes Know It All) Analog Integrated Circuit Design

[Dmca](#)