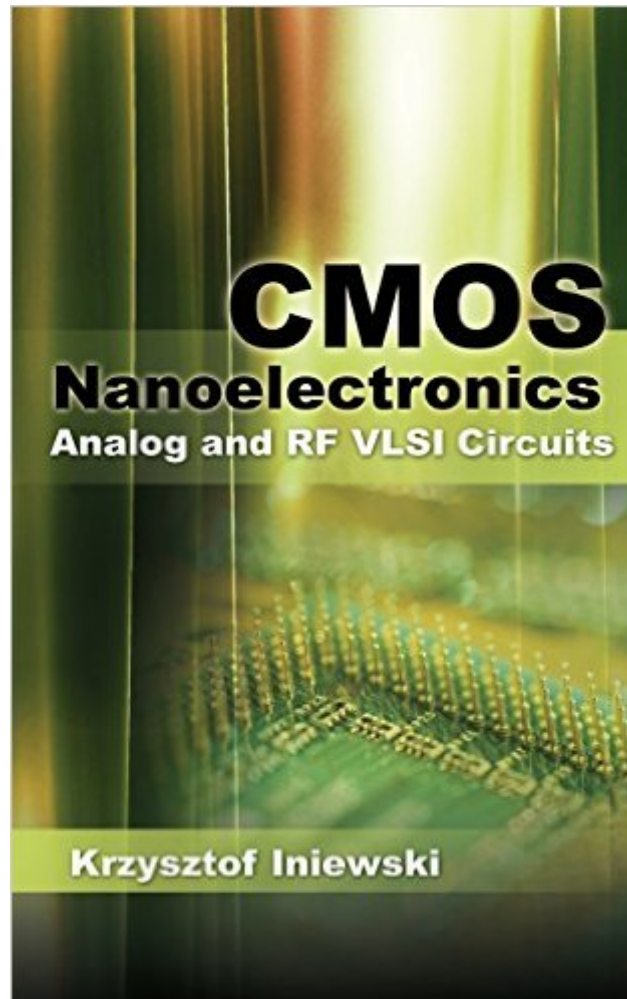


The book was found

CMOS Nanoelectronics: Analog And RF VLSI Circuits



Synopsis

In-depth coverage of integrated circuit design on the nanoscale level Written by international experts in industry and academia, CMOS Nanoelectronics addresses the state of the art in integrated circuit design in the context of emerging systems. New, exciting opportunities in body area networks, wireless communications, data networking, and optical imaging are discussed. This cutting-edge guide explores emerging design concepts for very low power and describes design approaches for RF transceivers, high-speed serial links, PLL/DLL, and ADC/DAC converters. CMOS Nanoelectronics covers: Portable high-efficiency polar transmitters All-digital RF signal generation Frequency multiplier design Tunable CMOS RF filters GaAs HBT linear power amplifier design High-speed serial I/O design CDMA-based crosstalk cancellation Delta-sigma fractional-N PLL Delay locked loops Digital clock generators Analog design in deep submicron CMOS technologies 1/f noise reduction for linear analog CMOS ICs Broadband high-resolution bandpass sigma-delta modulators Analog/digital conversion specifications for power line communication systems Digital-to-analog converters for LCDs Sub-1-V CMOS bandgap reference design And much more

Book Information

Hardcover: 704 pages

Publisher: McGraw-Hill Education; 1 edition (August 9, 2011)

Language: English

ISBN-10: 0071755659

ISBN-13: 978-0071755658

Product Dimensions: 6.1 x 1.2 x 9.3 inches

Shipping Weight: 2.1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #645,698 in Books (See Top 100 in Books) #28 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > VLSI & ULSI #947 in Books > Textbooks > Engineering > Mechanical Engineering #2412 in Books > Engineering & Transportation > Engineering > Mechanical

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

CMOS Nanoelectronics: Analog and RF VLSI Circuits Analog Design for CMOS VLSI Systems (The Springer International Series in Engineering and Computer Science) CMOS VLSI Design: A Circuits and Systems Perspective (3rd Edition) CMOS VLSI Design: A Circuits and Systems Perspective Dynamic Offset Compensated CMOS Amplifiers (Analog Circuits and Signal Processing) Design of

Analog CMOS Integrated Circuits VLSI Design Techniques for Analog and Digital Circuits (McGraw-Hill Series in Electrical Engineering) VLSI Analog Signal Processing Circuits: Algorithm, Architecture, Modeling, and Circuit Implementation Circuits, Interconnections, and Packaging for Vlsi (Addison-Wesley VLSI systems series) Chip Design for Submicron VLSI: CMOS Layout and Simulation CMOS Analog Circuit Design (The Oxford Series in Electrical and Computer Engineering) CMOS Analog Circuit Design Analog Filters in Nanometer CMOS: 45 (Springer Series in Advanced Microelectronics) CMOS and Beyond: Logic Switches for Terascale Integrated Circuits CMOS Digital Integrated Circuits Analysis & Design CMOS Digital Integrated Circuits: A First Course The Design of CMOS Radio-Frequency Integrated Circuits, Second Edition Digital Signal Processing in Vlsi (Analog Devices Technical Reference Books) Quantum Nanoelectronics: An introduction to electronic nanotechnology and quantum computing Foundations of Analog and Digital Electronic Circuits (The Morgan Kaufmann Series in Computer Architecture and Design)

[Dmca](#)