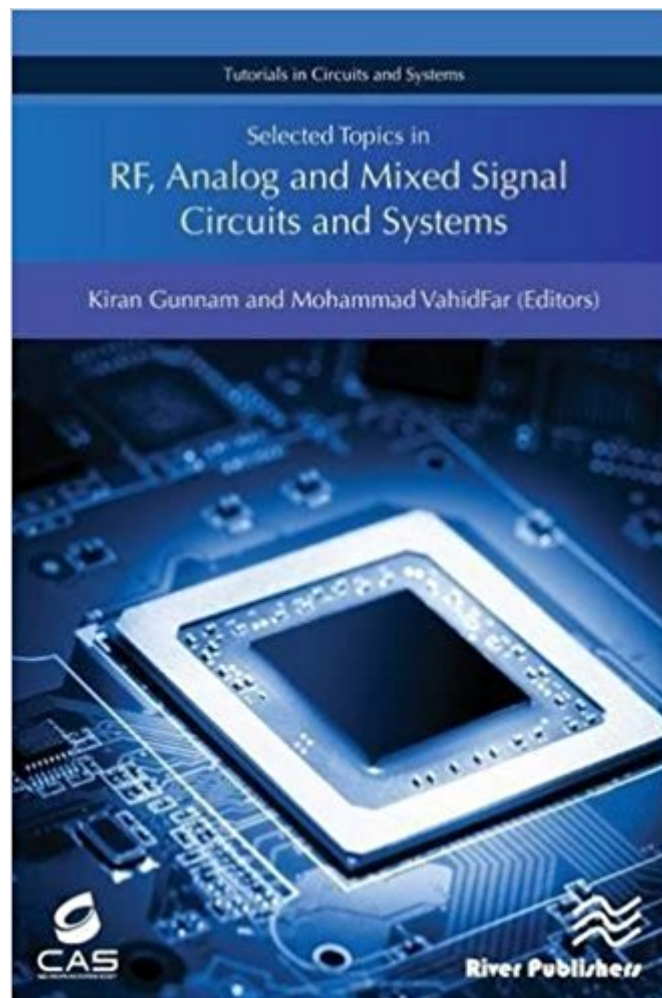


The book was found

Selected Topics In RF, Analog And Mixed Signal Circuits And Systems (Tutorials In Circuits And Systems)



Synopsis

CMOS process technology progress has led to a revolution towards new and innovative integrated circuits and systems. This trend is still moving forward for applications ranging from high-speed wireless and wireline data transfer down to ultra-low-power mobile applications for more interconnected world. The high performance analog and RF circuits and systems are at the heart of all these developments. *Selected Topics in RF, Analog and Mixed Signal Circuits and Systems* provides an overview and the state of the art developments on several selected topics in RF, analog and mixed signal circuits and system. The topics include ADC conversion and equalization for high-speed links, clock and data recovery for high speed wireline transmission with speeds in several Gb/s, signal generation for terahertz application, oscillator phase noise fundamentals and analog/digital PLL overview. Topics covered in the book include: * Overview of Oscillator Phase Noise * Clock and Data Recovery in High-Speed Wireline Communication * Phase Lock Loop Design Techniques * Terahertz and mm-Wave Signal Generation, Synthesis and Amplification: Reaching the Fundamental Limits * Equalization and A/D conversion for high-speed links

Book Information

Series: Tutorials in Circuits and Systems

Hardcover: 200 pages

Publisher: River Publishers (March 15, 2017)

Language: English

ISBN-10: 8793519184

ISBN-13: 978-8793519183

Product Dimensions: 7 x 0.5 x 10 inches

Shipping Weight: 8.3 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,482,429 in Books (See Top 100 in Books) #65 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Solid State](#) #278

[in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Integrated](#) #325 in [Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Microwaves](#)

Customer Reviews

Kiran Gunnam is with Western Digital Corporation. Mohammad (Vahid) Vahidfar is with Apple.

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

Selected Topics in RF, Analog and Mixed Signal Circuits and Systems (Tutorials in Circuits and Systems) Analog-Mixed Signal Verification Vlsi Analog Signal Processing Circuits Essentials of Electronic Testing for Digital, Memory and Mixed-Signal VLSI Circuits (Frontiers in Electronic Testing) Analog Circuit Design, Volume 2: Immersion in the Black Art of Analog Design Autodesk Maya 138 Tutorials and Tips by Antonio Bosi: 138 useful Maya tutorials (tips & tricks) for experts and beginners Biomedical Signal Processing and Signal Modeling Discrete-Time Signal Processing (3rd Edition) (Prentice-Hall Signal Processing Series) Cellular Signal Processing: An Introduction to the Molecular Mechanisms of Signal Transduction Multidimensional Digital Signal Processing (Prentice-Hall Signal Processing Series) Discrete-Time Signal Processing (2nd Edition) (Prentice-Hall Signal Processing Series) Scaling and Integration of High-Speed Electronics and Optomechanical Systems (Selected Topics in Electronics and Systems) Mixed Analog-Digital Vlsi Device and Technology No Shenanigans! Mixed media painting: No-nonsense tutorials from start to finish to release the artist in you! Foundations of Analog and Digital Electronic Circuits (The Morgan Kaufmann Series in Computer Architecture and Design) Analysis and Design of Analog Integrated Circuits, 5th Edition Design with Operational Amplifiers and Analog Integrated Circuits Foundations Of Analog and Digital Electronic Circuits Design of Analog CMOS Integrated Circuits (Irwin Electronics & Computer Engineering) Design of Analog CMOS Integrated Circuits

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)