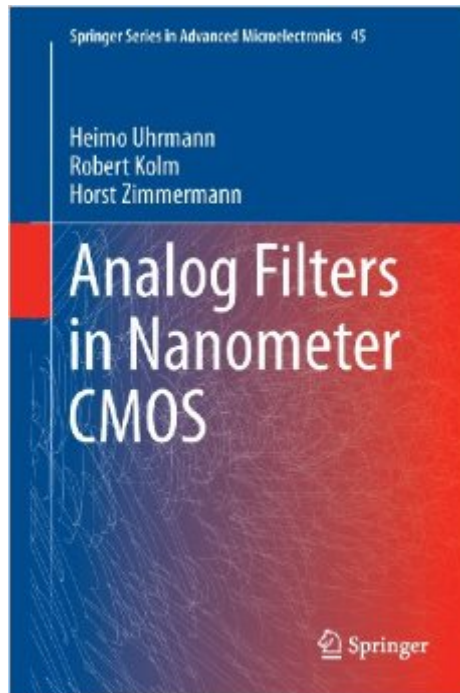


The book was found

Analog Filters In Nanometer CMOS: 45 (Springer Series In Advanced Microelectronics)



Synopsis

Starting from the basics of analog filters and the poor transistor characteristics in nanometer CMOS 10 high-performance analog filters developed by the authors in 120 nm and 65 nm CMOS are described extensively. Among them are gm-C filters, current-mode filters, and active filters for system-on-chip realization for Bluetooth, WCDMA, UWB, DVB-H, and LTE applications. For the active filters several operational amplifier designs are described. The book, furthermore, contains a review of the newest state of research on low-voltage low-power analog filters. To cover the topic of the book comprehensively, linearization issues and measurement methods for the characterization of advanced analog filters are introduced in addition. Numerous elaborate illustrations promote an easy comprehension. This book will be of value to engineers and researchers in industry as well as scientists and Ph.D students at universities. The book is also recommendable to graduate students specializing on nanoelectronics, microelectronics or circuit engineering.

Book Information

File Size: 4441 KB

Print Length: 166 pages

Publisher: Springer; 2014 edition (August 15, 2013)

Publication Date: August 15, 2013

Sold by: Digital Services LLC

Language: English

ASIN: B00EITXEPW

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #1,217,668 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #46

in Kindle Store > Kindle eBooks > Nonfiction > Science > Physics > Nanostructures #271

in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits #302 in Books > Science & Math > Physics > Nanostructures

Customer Reviews

Excellent reference Book. 1) Very concise , 2) Full of "detailed" up to date information . 3) A Great reference book for your desk top book collection at work .

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

Analog Filters in Nanometer CMOS: 45 (Springer Series in Advanced Microelectronics) Analog Design for CMOS VLSI Systems (The Springer International Series in Engineering and Computer Science) Design of Analog Filters 2nd Edition (The Oxford Series in Electrical and Computer Engineering) CMOS Analog Circuit Design (The Oxford Series in Electrical and Computer Engineering) Analog Filters Dynamic Offset Compensated CMOS Amplifiers (Analog Circuits and Signal Processing) Design of Analog CMOS Integrated Circuits CMOS Analog Circuit Design CMOS Nanoelectronics: Analog and RF VLSI Circuits "The Handbook of Nanotechnology. Nanometer Structures: Theory, Modeling, and Simulation (SPIE Press Monograph Vol. PM129)" Analog Design Essentials (The Springer International Series in Engineering and Computer Science) RF Microelectronics (2nd Edition) (Prentice Hall Communications Engineering and Emerging Technologies Series from Ted Rappaport) PIC Microcontrollers, Third Edition: An Introduction to Microelectronics PIC Microcontrollers: An Introduction to Microelectronics PIC Microcontrollers, Second Edition: An Introduction to Microelectronics Fundamentals of Microelectronics Microelectronics Circuit Analysis and Design Fundamentals of Microelectronics, 2nd Edition Digital filters (Prentice-Hall signal processing series) Thin-Film Optical Filters, Fourth Edition (Series in Optics and Optoelectronics)

[Dmca](#)