



Ebook Directory
the best source of ebook

The book was found

Radio Frequency Integrated Circuit Design



Synopsis

Radio frequency integrated circuits (RFICs) are the building blocks that enable every device from cable television sets to mobile telephones to transmit and receive signals and data. This newly revised and expanded edition of the 2003 Artech House classic, "Radio Frequency Integrated Circuit Design", serves as an up-to-date, practical reference for complete RFIC know-how. The second edition includes numerous updates, including greater coverage of CMOS PA design, RFIC design with on-chip components, and more worked examples with simulation results. By emphasizing working designs, this book practically transports readers into the authors' own RFIC lab so they can fully understand how these designs function. This title is suitable for radio frequency integrated circuit (RFIC) design engineers; radio systems architects; researchers and developers of RFIC technology; and, graduate level electrical engineering students.

Book Information

Hardcover: 513 pages

Publisher: Artech House; 2 edition (January 31, 2010)

Language: English

ISBN-10: 1607839792

ISBN-13: 978-1607839798

Product Dimensions: 7.3 x 1.3 x 10.2 inches

Shipping Weight: 2.4 pounds

Average Customer Review: 3.5 out of 5 starsÂ Â See all reviewsÂ (2 customer reviews)

Best Sellers Rank: #1,892,622 in Books (See Top 100 in Books) #240 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Integrated #587 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Design #5762 inÂ Books > Engineering & Transportation > Engineering > Telecommunications & Sensors

Customer Reviews

Finally, a good RFIC design book. I have read quite a few and this truly is the best one. The book starts off with discussions about basic RF design (NF, linearity etc) and then talks about each block in the transmitter and receiver chains as a separate chapter. Good in-depth discussion about a lot of circuits. May not be a great book for a class (not that detailed in theory) but a great book for practical design.

If you look into this book carefully and solve every problems, you will find several wrong

descriptions. For example, the answer for SFDR calculation example includes a rudimentary mistake. Yes, you should not always believe in everything written in a textbook as Dr. Egan mentioned. But it is really waste of time to read an untrustworthy textbook. I hope all would be corrected in next edition. Descriptions about PLL, AGC, demodulator, ADC, and DAC are missed in this book.

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

Radio Frequency Integrated Circuit Design Ham Radio Guide Quick Start Ham Radio Guide- From Beginner To Advanced: (Ham Radio Study Guide, Dummy Load Ham Radio) (Home Ham Radio, Ham Radio Book) Ham Radio: Ultimate Ham Radio Beginners To Expert Guide: Easy Step By Step Instructions And Vital Knowledge To Start Using Your Ham Radio Today! (Ham Radio, Ham ... Radio License Manual, Ham Radio For Dummies) High-Frequency Analog Integrated Circuit Design (Wiley Series in Microwave and Optical Engineering) The Design of CMOS Radio-Frequency Integrated Circuits, Second Edition Radio Frequency Integrated Circuits and Systems Winter Circuit (Show Circuit Series -- Book 2) (The Show Circuit) Ham Radio: The Ultimate Guide to Learn Ham Radio In No Time (Ham radio, Self reliance, Communication, Survival, User Guide, Entertainments) (Radio, guide, reference books, how to operate Book 1) Radio Frequency Transistors: Principles and practical applications (EDN Series for Design Engineers) Designing Dynamic Circuit Response (Analog Circuit Design) Digital Integrated Circuit Design Using Verilog and Systemverilog Analog Integrated Circuit Design High Performance Integrated Circuit Design Ham Radio: The Ultimate Ham Radio QuickStart Guide - From Beginner To Expert (Survival, Communication, Self Reliance, Ham Radio) Ham Radio: Ultimate User Guide 2016 (Survival, Communication, Self Reliance, Ham Radio, ham radios, ham radio for beginners, self reliance) Ham Radio: Advanced Guide (Ham radio, Self reliance, Communication, Survival, User Guide, Entertainments, Radio, guide, reference books) Ham Radio: The Ultimate Ham Radio Guide - How To Set Up And Operate Your Own Ham Radio Station (Survival, Communication, Self Reliance) Radio Frequency and Microwave Electronics Illustrated Radio-Frequency and ELF Electromagnetic Energies: A Handbook for Health Professionals (Industrial Health & Safety) Summer Circuit (Show Circuit Series -- Book 1)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)