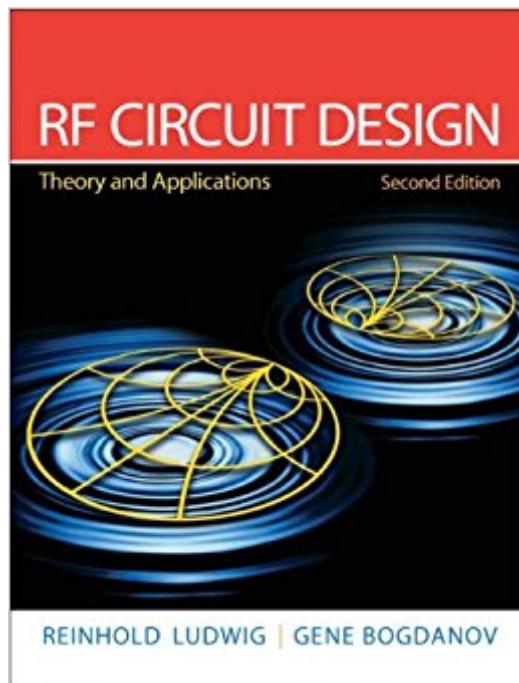


The book was found

RF Circuit Design: Theory & Applications (2nd Edition)



Synopsis

This straightforward volume takes a distributed, transmission line approach to RF circuit design, with a focus on methodology fundamentals and minimal discussion of theoretical concepts. The Second Edition introduces RF design tools such as the Smith Chart, dual port networks, S-parameters, and provides extensive coverage of RF filter design, matching networks, active and passive device modeling, narrow and broadband amplifiers, mixers, and oscillators. Approaches RF design from a circuit perspective, so readers need little or no background in electromagnetic fields. Prominently features key RF concepts in sidebars throughout the text. For anyone interested in learning more about RF circuit design.

Book Information

Hardcover: 720 pages

Publisher: Pearson; 2 edition (April 19, 2008)

Language: English

ISBN-10: 0131471376

ISBN-13: 978-0131471375

Product Dimensions: 7.3 x 1.2 x 9.3 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 stars (See all reviews) (7 customer reviews)

Best Sellers Rank: #791,789 in Books (See Top 100 in Books) #90 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Power Systems #241 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Design #311 in Books > Crafts, Hobbies & Home > Crafts & Hobbies > Radio Operation

Customer Reviews

I find this book to be one of the clearest engineering books I've had the pleasure to read. Thats not to say that the material covered is easy or that the book is simple, however the author's writing style is quite easy to follow and they try not to deviate much from the main topic. It is very common for an RF design book to go deep into the world of Electro-Magnetic Theory and Maxwell equations, however this book tries to avoid unnecessary coverage of EM theory, many engineering books try to cover much fundamental EM theory to "remind" the reader of his previous EM courses, however this is not the case in this book, meaning that you dont have to go through 3-4 chapters of academic EM theory before you get to the new material you want to learn, I find that very appealing, less emphasis is made on the academic side of EM theory and more emphasis is made on its

applications or engineering aspects. That being said, EM is indeed covered when needed and it is also a pre-requisite for this book as well as advanced math such as multivariable calculus and differential equations, yet only used when needed. In contrast to the very popular book "RF Circuit Design" by Bowick, I find this book by Ludwig and Bogdanov to be much more complete and complex, I always liked the apparent practicality of the book by Bowick but I think that it lacks a solid theoretical foundation, formulas are presented without much explanation as to what they do and where they come from, yet it may be one of the best books to get a general idea of the subject. This book by Ludwig and Bogdanov has a perfect blend between theoretical/academic and practical approaches.

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

Winter Circuit (Show Circuit Series -- Book 2) (The Show Circuit) RF Circuit Design: Theory & Applications (2nd Edition) 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) Ergonomics: Foundational Principles, Applications, and Technologies (Ergonomics Design & Management Theory & Applications) Aircraft Interior Comfort and Design (Ergonomics Design Management: Theory and Applications) Circuit Analysis I with MATLAB Applications RF Circuit Design, Second Edition CMOS Circuit Design, Layout, and Simulation, 3rd Edition (IEEE Press Series on Microelectronic Systems) 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 SOI Circuit Design Concepts Secrets of Rf Circuit Design CMOS Analog Circuit Design (The Oxford Series in Electrical and Computer Engineering)

[Dmca](#)