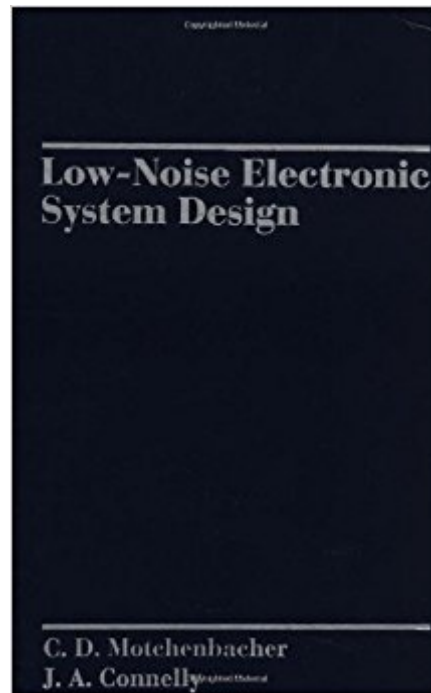




The book was found

Low-Noise Electronic System Design



Synopsis

Emphasizes IC design concepts with additional support for discrete design where necessary.

Describes noise sources and models; addresses practical problems of circuit design for low noise using negative feedback, filtering, component noise, measurement techniques and instrumentation; gives numerous examples of practical amplifier designs. Five chapters cover the use of SPICE and PSpice for low noise analysis and design.

Book Information

Hardcover: 422 pages

Publisher: Wiley-Interscience; 1 edition (June 29, 1993)

Language: English

ISBN-10: 0471577421

ISBN-13: 978-0471577423

Product Dimensions: 6.4 x 1.1 x 9.5 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 4 customer reviews

Best Sellers Rank: #839,481 in Books (See Top 100 in Books) #103 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Integrated](#) #262 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Design](#) #1768 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics](#)

Customer Reviews

Emphasizes IC design concepts with additional support for discrete design where necessary.

Describes noise sources and models; addresses practical problems of circuit design for low noise using negative feedback, filtering, component noise, measurement techniques and instrumentation; gives numerous examples of practical amplifier designs. Five chapters cover the use of SPICE and PSpice for low noise analysis and design.

If you have gotten a job to design low-noise amplifiers, or even if you are just a very serious amateur, you should read this book. I usually work with thousands of volts, so getting a job to design an amplifier for nanovolts was a bit disorienting. Nevertheless, after reading this book, and spending some quality time in the design, I designed an LNA that hit its noise figure. Everything is laid out so logically, and the text is so complete, that the subtitle could be "LNA's for Idiots". I went from total newb to apparent expert in a few weeks. I wish all circuit design books were written this well.

The book has good coverage of low noise topics and provides examples to reinforce concepts. While I haven't read it thoroughly, it is well organized so I can jump to the topics I'm looking for.

This is the best book that I have read on noise in microelectronic circuits. The noise equations and treatments are complete for bipolar and MOSFETs. The book is written largely from a discrete transistor level, hence is not as familiar to integrated circuit engineers as say Gray and Meyer, but the treatment is extensive, clear and to the best of my knowledge accurate. This is my favorite book on low noise at the transistor level and I have several.

This is a very good for basic understanding of noise and noise modelling.

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

Low Carb: 365 Days of Low Carb Recipes (Low Carb, Low Carb Cookbook, Low Carb Diet, Low Carb Recipes, Low Carb Slow Cooker, Low Carb Slow Cooker Recipes, Low Carb Living, Low Carb Diet For Beginners) Low Carb Diet: Introduction To Low Carb Diet And Recipes Of Low Carb Soups And Casseroles: (low carbohydrate, high protein, low carbohydrate foods, low carb, low carb cookbook, low carb recipes) Low Carb Cookbook: Delicious Snack Recipes for Weight Loss. (low carbohydrate foods, low carb cooking, low carb diet, low carb recipes, low carb, low carb ... dinner recipes, low carb diets Book 1) Low Carb Candy Bars: 25 Low Carb Recipes To Satisfy Your Sweet Tooth: (low carbohydrate, high protein, low carbohydrate foods, low carb, low carb cookbook, low carb recipes) Low-Noise Electronic System Design Low Carb Cookbook: 500 BEST LOW CARB RECIPES (low carb diet for beginners, lose weight, Atkins diet, low carb foods, low carb diet weight loss, low carb food list) Keto Bread Cookbook: Real Low Carb Recipes: (low carbohydrate, high protein, low carbohydrate foods, low carb, low carb cookbook, low carb recipes) The Ketogenic Diet Cookbook: Lose 15 Lbs In Two-Weeks With 66 Perfect Low Carb Keto Recipes: (low carbohydrate, high protein, low carbohydrate foods, low carb, low carb cookbook, low carb recipes) Low Carb: The Ultimate Beginner's Low Carb Guide to Lose Weight Quick without Starving With over 20 Easy Recipes To Follow. (Low Carb, Low Carb Cookbook, ... Diet, Low Carb Recipes, Low Carb Cookbook) Low Carb: Low Calorie Cookbook: 200 High Protein Recipes for Weight Loss, Muscle Building, Healthy Eating and Increased Energy Levels (Low Carb High Protein ... Low Carb Cookbook, Low Carb Diet Book 1) Low Carb: Low Calorie Cookbook: 50 High Protein Recipes Under 500 Calories for Weight Loss, Muscle Building, Healthy Eating & To Increase Energy (Low Carb ... Low Carb Cookbook, Low Carb Diet Book 1) Keto Bread Cookbook : (low carbohydrate,

high protein, low carbohydrate foods, low carb, low carb cookbook, low carb recipes) Low Sodium Cookbook: Enjoy The Low Sodium Diet With 35 Tasty Low Sodium Recipes (Low Salt Diet) (Low Salt Cooking Book 1) LOW CARB DIET: KETOGENIC DIET: 1000 BEST LOW CARB AND KETOGENIC DIET RECIPES (BOX SET): low carb cookbook, ketogenic diet for beginners, low carb diet for beginners, low carbohydrate diet, ketogenic Low Carb: Don't starve! How to fit into your old jeans in 7 days without starving with a Low Carb & High Protein Diet (low carb cookbook, low carb recipes, low carb cooking) Low Carb: Low Carb, High Fat Diet. The Winning Formula To Lose Weight (Healthy Cooking, Low Carb Diet, Low Carb Recipes, Low Carb Cookbook, Eat Fat, Ketogenic Diet) Low Carb: Low Carb High Fat Diet - How to Lose 7 Pounds in 7 Days with Low Carb and High Protein Diet Without Starving! (low carbohydrate, high protein, ... carb cookbook, ketogenic diet, paleo diet) Low Carb: 21-Day Weight Loss Challenge - How to Lose 15 Pounds with Low Carb Diet (FREE BONUS included!) (Low Carb Diet, Low Carb Cookbook, Clean Eating) Vegetarian: High Protein Vegetarian Diet-Low Carb & Low Fat Recipes On A Budget(Crockpot,Slowcooker,Cast Iron) (Vegetarian,Vegetarian Cookbook,Vegetarian ... low carb,Vegetarian low fat) Low Carb: In 20 Minutes - Over 60 Easy One Skillet Recipes in 20 Minutes Or Less (Low Carb Cookbook, Low Carb Diet Cookbook, Low Carb Cookbooks)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)