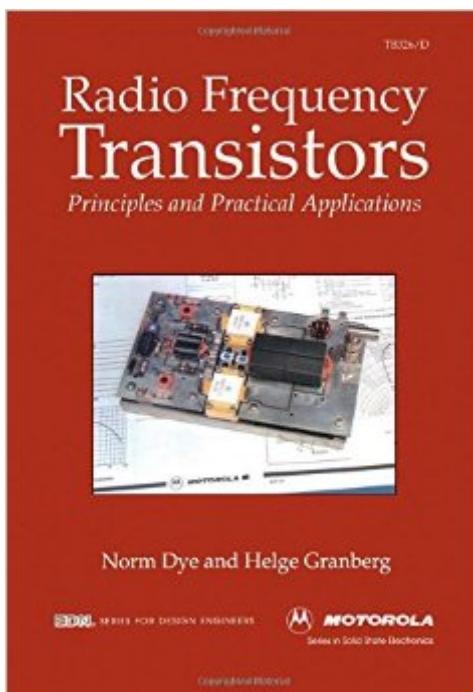


The book was found

# Radio Frequency Transistors: Principles And Practical Applications (EDN Series For Design Engineers)



## **Synopsis**

Cellular telephones, satellite communications and radar systems are adding to the increasing demand for radio frequency circuit design principles. At the same time, several generations of digitally-oriented graduates are missing the essential RF skills. This book contains a wealth of valuable design information difficult to find elsewhere. It's a complete 'tool kit' for successful RF circuit design. Written by experienced RF design engineers from Motorola's semiconductors product section. Book covers design examples of circuits (e.g. amplifiers; oscillators; switches; pulsed power; modular systems; wiring state-of-the-art devices; design techniques).

## **Book Information**

Series: EDN Series for Design Engineers

Hardcover: 235 pages

Publisher: Newnes; 1st Ed. edition (February 12, 1993)

Language: English

ISBN-10: 0750690593

ISBN-13: 978-0750690591

Product Dimensions: 1 x 7 x 10.2 inches

Shipping Weight: 1.4 pounds

Average Customer Review: 4.9 out of 5 stars [See all reviews](#) (11 customer reviews)

Best Sellers Rank: #2,433,484 in Books (See Top 100 in Books) #53 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Solid State #828 in Books > Crafts, Hobbies & Home > Crafts & Hobbies > Radio Operation #915 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Radio

## **Customer Reviews**

This is one fine book that deals with all the theoretical, practical and thermal aspects of Highpower Broadband amplifiers using Solidstate devices. Even though the examples and discussions are centered mainly around the Motorola RF Transistors, the principles can be extended to semiconductor devices manufactured by any manufacturer. The authors have dealt with the subject matter in a thorough and a very easy to understand manner. I have been reading H.O. Granberg's articles in QST, RF Design and Motorola Application Notes since the early 80s as they were always packed with his tremendous experience in the field of Solidstate RF design. No matter whether you are a professional designer or an advanced radio amateur, you are sure to find it a gem in your collection of technical books.

Pretty much a must-have text. If you understand who Dye and Granberg were and appreciate their experience, you really will want to have this text. Their tireless experimentation over the years is captured here. They give real practical reasons why certain things were done that will open your eyes. Especially if you use Wes Hayward's Experimental Methods for RF Design, you'll appreciate where he gets a lot of his knowledge. I go back again and again to those two texts together, trying to get the concepts through my skull. It's a great read between bench sessions for learning RF design. I highly recommend it for the serious self-taught student.

This book has been revised and updated in a second edition. I suggest that you either buy this book used or the second edition new depending upon your needs and finances. This book bridges the gap between school theory and practice in RF power amplifier design and construction. This is the best book on the subject that I have seen in 40 years.

Excellent reference book for when I was still working on my vacuum FET project. I still have it and intend to keep it.

This book was EXACTLY what I was looking for, an introduction to the practical considerations for working with modern RF transistors.

Found semiconductor information not usually discussed in other so-called "standard RF" texts. Well worth the cost..

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

Radio Frequency Transistors: Principles and practical applications (EDN Series for Design Engineers) 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) 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) Analog Circuit Design: Art, Science and Personalities (EDN Series for Design Engineers) High-frequency Bipolar Transistors 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 Integrated Circuit Design The Design of CMOS Radio-Frequency Integrated Circuits, Second Edition Microwave Field-effect

Transistors: Theory, Design and Applications (Electronic & Electrical Engineering Research Studies) Radio Frequency and Microwave Electronics Illustrated Radio Frequency Integrated Circuits and Systems Radio-Frequency and ELF Electromagnetic Energies: A Handbook for Health Professionals (Industrial Health & Safety) Ham Radio: The Ultimate Ham Radio Guide - How To Set Up And Operate Your Own Ham Radio Station (Survival, Communication, Self Reliance) 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) Repertory of the Homeopathic Materia Medica (Medium Reperetory Edn) High-Frequency Analog Integrated Circuit Design (Wiley Series in Microwave and Optical Engineering) Variable Frequency Drives: Installation & Troubleshooting! (Practical Guides for the Industrial Technician! Book 2) SiGe, GaAs, and InP Heterojunction Bipolar Transistors (Wiley Series in Microwave and Optical Engineering)

[Dmca](#)