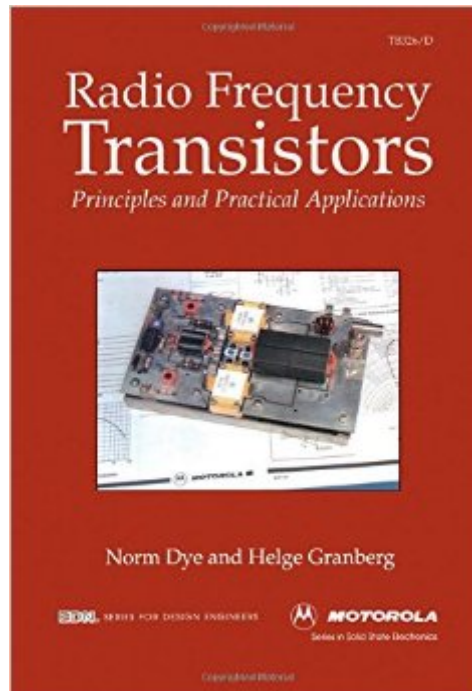


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# Radio Frequency Transistors: Principles And Practical Applications (EDN Series For Design Engineers)



## 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

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## 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..

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