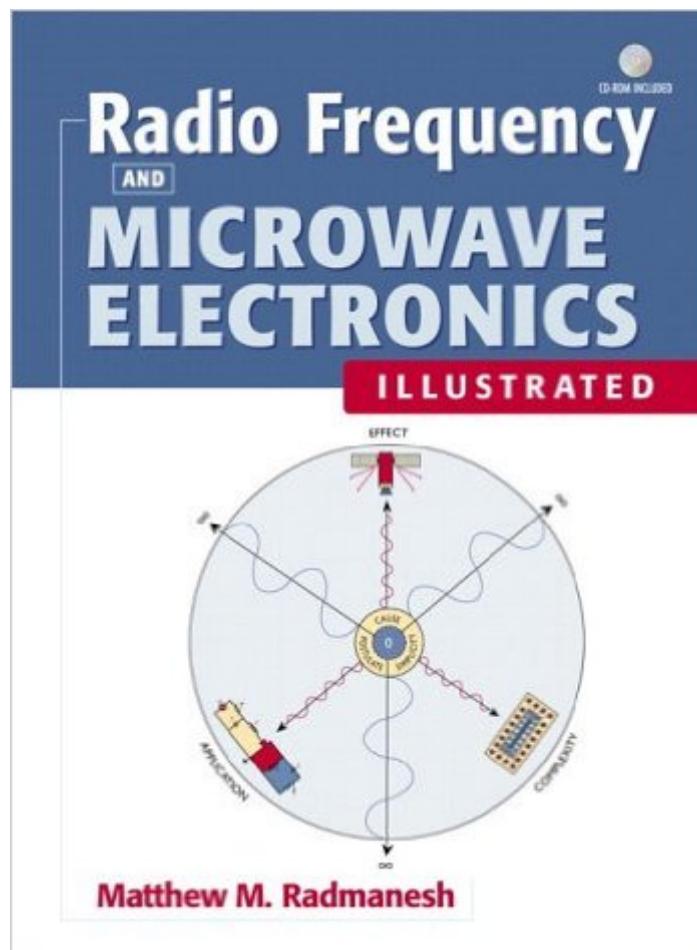


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# Radio Frequency And Microwave Electronics Illustrated



## **Synopsis**

This highly illustrated resource should make grasping the fundamentals of RF and microwave electronic theory and design easier and faster.

## **Book Information**

Paperback: 864 pages

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## **Customer Reviews**

I have an undergraduate degree in engineering, and needed a book for research in area of microwave frequency amplifier design. I have looked through a number of books in this subject area and found Dr.Radmanesh's book the best and right to the point. It refreshed my knowledge of fundamentals of electronic circuitry and gave in-depth explanations for practically all major aspects of the RF amplifier design. It provides excellent examples and detailed diagrams for various amplifier design configurations. It is well illustrated and organized. I think it is the best book for the use in undergraduate/graduate course in this subject area as well as an excellent practical reference for the microwave frequency amplifier design.

One of the best books on RF and microwave active circuits, especially transmission lines, low noise amplifiers, power amplifiers, oscillators, detectors, mixers, control circuits and MMIC design . The author lucidly presents the basics of RF & Microwaves and the low frequency electronics as well as essential materials on high frequency electronics particularly applications of the Smith Chart in circuit design, S-parameters, and wave propagation in transmission lines. His illustrated presentations on the design of active circuits using lumped and distributed elements using the

concepts of stability circles, gain circles and noise circles are some of the most fascinating aspects of this book. A must-have and should-read book for any microwave electronic student, or practicing field engineer working in testing and measurement or high frequency electronic circuit design!

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