



Practical Radio-frequency Handbook, Ian Hickman, Newnes, 2002, 0750653698, 9780750653695, 279 pages. New sections and major updates in the third edition include: RF ICs, DBMs, SAW filters, integrated power amplifier modules, active arrays, use of network analysers, and a completely new chapter on digital filtering.*Gives readers the inside track in the RF circuit design industry from a leading design guru*Discusses the cutting-edge technology of the fast-moving world of communications electronics*RF is an extremely hot area in electronics design, providing the technology for the wireless revolution, including mobile phones and Bluetooth.

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Newnes Radio and RF Engineering Pocket Book , Steve Winder, Joseph J. Carr, 2002, Technology & Engineering, 344 pages. New material in the third edition includes mobile base station antennas, operation of cellular networks, SAW filters and ceramic resonators, modulation for stereo FM broadcasts

Radio troubleshooter's handbook a companion book to "Modern radio servicing", Alfred A. Ghirardi, 1943, Technology & Engineering, 744 pages. .

Electronic communications systems , Frank R. Dungan, Jan 1, 1993, Technology & Engineering, 673 pages. .

Electrical Electronics And Telecommunication Engineering (Objective Type) , B.L. Theraja, Jan 1, 2009, , . .

Mastering radio frequency circuits through projects and experiments , Joseph J. Carr, Apr 1, 1994, , 411 pages. .

Applied electronic communication circuits, systems, transmission, Robert Kellejian, Mar 1, 1980, Technology & Engineering, 719 pages. .

Shortwave listener's handbook , Norman Fallon, 1972, Technology & Engineering, 137 pages. .

Secrets of RF Circuit Design , Joseph J. Carr, Jan 1, 1997, Technology & Engineering, 568 pages. This revised bestseller shows how to design, build, and test today's radio frequency (RF) circuits. Projects that make it easy to apply RF principles to real-life applications

External radio broadcasting and international understanding broadcasting to Yugoslavia, Tomo Martelanc, 1977, Performing Arts, 51 pages. The report contains the results of research on external broadcasting to Yugoslavia. It includes an elaborate analysis of: the basic characteristics of propaganda programmes of

Electronics Engineering (O.T.) , R. Kumar, , Electronics, 764 pages. .

Practical RF design manual , Doug DeMaw, 1982, Technology & Engineering, 246 pages. .

RF Components and Circuits , Joseph J. Carr, 2002, Education, 398 pages. Some basic knowledge of electronics is assumed, but the essential features of RF are fully described, including the important topic of receiver dynamic which is often

The Radio amateur's license manual , American Radio Relay League, 1981, Technology & Engineering, 192 pages. .

VHF polarimeter , Stanford University. Stanford Electronics Laboratories, William E. Faulkerson, United States. National Aeronautics and Space Administration, 1970, , 70 pages. .

Radio/Tech modifications , , 1991, Technology & Engineering, . .

Radio Frequency (RF) is the fundamental technology behind a huge range of modern consumer electronics and wireless communication devices, and this book provides a comprehensive and methodical guide to RF for engineers, technicians, enthusiasts and hobbyists with an interest in the electronics behind radio frequency communications.

In Practical RF Handbook, Ian Hickman draws upon his own radio engineering background to develop a hands-on guide to the difficulties and pitfalls of RF design with a minimum of maths. A broad coverage includes devices, circuits, equipment, systems, radio propagation and external noise to fully acquaint the reader with the necessary circuit technologies and techniques.

This 3rd edition adds substantial new materials focusing primarily on advanced architectures and Intermediate Frequency (IF) signal processing techniques. Numerous illustrations and tables help the reader visually conceptualize the text. This is an extremely useful book for the RF enthusiasts and a variety of engineers dealing with circuit, module, and equipment engineering. - E-Streams, Vol 7, No. 1, January 2004

For the reader who is also and electronics enthusiast, a technician, or a student, the Practical RF Handbook is a nicely put together book that brings together RF designs of the past in a fresh context. Once one brushes up on the electronic circuits background required, one cannot help but notice that Ian Hickman takes a topic that would not make for engaging text and transforms it into a readable book by maintaining a balance between technical content, a wide range from formal to informal presentation, as well as historical perspective - IEEE Signal Process Society --This text refers to an out of print or unavailable edition of this title.

amplitude antenna applied attenuation band band-pass band-pass filter bandwidth baseband broadband cables capacitance capacitor carrier channel characteristic impedance collector components conductor crystal crystal oscillator device diode dipole effect electric electrons emitter feedback ferrite field filter flux frequency range harmonic higher inductor input impedance intermodulation leakage inductance load loop gain loss lower magnetic matching maximum measurements microwave mixer modulation MOSFET negative resistance noise oscillator output phase detector phase deviation phase shift port quadrature quency radiation radio ratio reactance receiver reflected Reproduced by courtesy resistance resistor resonance result RF amplifier s-parameters screen shown in Figure shows sidebands spectrum analyser stage temperature transformer transistor transmission line transmitter tuned circuit types typical voltage VSWR wanted signal wave whilst wire zero

Radio Frequency (RF) is the fundamental technology behind a huge range of modern consumer electronics and wireless communication devices, and this book provides a comprehensive and methodical guide to RF for engineers, technicians, enthusiasts and hobbyists with an interest in the electronics behind radio frequency communications. In Practical RF Handbook, Ian Hickman draws upon his own radio engineering background to develop a hands-on guide to the difficulties and pitfalls of RF design with a minimum of maths. A broad coverage includes devices, circuits,

equipment, systems, radio propagation and external noise to fully acquaint the reader with the necessary circuit technologies and techniques. The fourth edition brings the book fully up-to-date with new advances in RF, including coverage of OFDM, UWB, WiFi and WiMax. Additional information on commercially available RF transformers, couplers and hybrids is included, with the measurements section expanded to incorporate useful information on simple, readily constructed test equipment. * Practical coverage of the cutting-edge technology behind the fast-moving world of communications electronics * Real-world design guide for engineers, technicians and students, covering key principles with a minimum of maths * Updated throughout, including coverage of recent hot topics such as UWB, WiFi and WiMax

Preface; Passive components and circuits; RF transmission lines; RF transformers; Couplers, hybrids and directional couplers; Active components for RF uses; RF small-signal circuitry; Modulation and demodulation; Oscillators; RF power amplifiers; Transmitters and receivers; Advanced architectures; Propagation; Antennas; Attenuators and equalizers; Measurements; Appendices; Index.

An introduction to modern RF circuit design. The content is aimed at those learning to design RF circuitry and users of modern RF equipment, such as signal generators and sweepers, spectrum and network-analysers. This edition covers antennas and propagation in more detail, has new appendices giving useful addresses and contacts, plus another detailing frequency allocations, and has a new chapter covering the problem of EMC regulations.

Ian Hickman is the leading designer and writer on analog and RF technology. He is the author of many successful books, including Analog Electronics, Oscilloscopes and the Analog Circuits Cookbook. Here he takes Practical and non-mathematical approach to the subject. There are some RF texts on single topics (e.g. on oscillators, filters, phase locked loops, etc.) but no book is available covering the whole of RF technology. Most RF engineers have to learn the trade by making all their own mistakes, whereas this ...

We all know these books. They call themselves introductions, handbooks, manuals, practical, etc. This book is none of the above. This book, as many others, has no meaning and is a complete waste of time. So what do we call it? We call it an overview. That is, this book will try to explain and talk about everything and anything there is about RF electronics. However, because it is not a 10,000 page book, the information is too shallow for you to gain anything. It will not teach you how and why to connect two things together for a simplest circuit. Even more than that, books of this type are damaging to your wallet, your time, and the sense that you understand something. Why am I so critical of this book? Because this book seems to have invaded every list of books for electronics, hobbyists, etc. I suggest that you look for books that explain few concepts, but explain them so well that you will gain by it. If you have a little more time and money, buy a college text book from a college textbook publisher. At least it will TEACH you a few useful concepts.

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