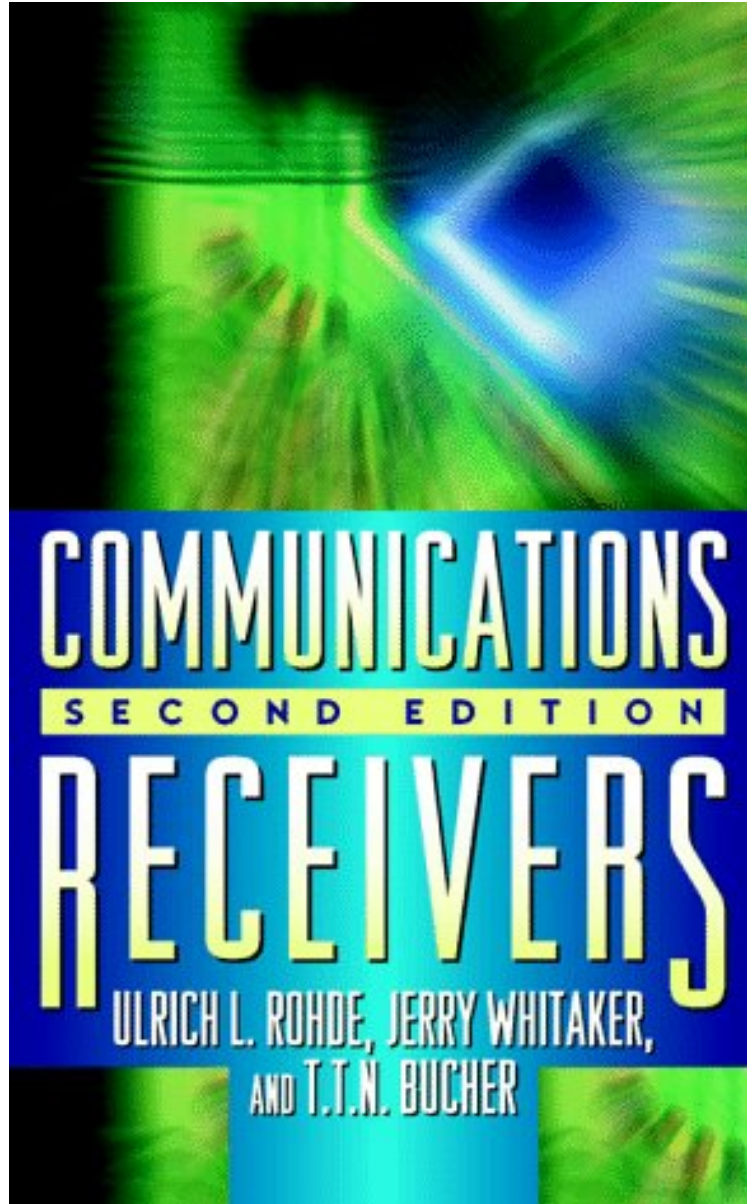


(Download free ebook) Communications Receivers

Communications Receivers

Ulrich L. Rohde, Jerry C. Whitaker, T. T. N. Bucher
*ePub | *DOC | audiobook | ebooks | Download PDF*



[Download](#)

[Read Online](#)

#466510 in Books 1997-01-15 Ingredients: Example Ingredients Original language: English PDF # 1 9.50 x 6.50 x 1.751, #File Name: 0070536082669 pages | File size: 46.Mb

Ulrich L. Rohde, Jerry C. Whitaker, T. T. N. Bucher : Communications Receivers before purchasing it in order to gauge whether or not it would be worth my time, and all praised Communications Receivers:

0 of 0 people found the following review helpful. Informative text By Chris F The book delivers what it says it is going to deliver. I like the depth to which he discusses technical topics. It's a good book. 9 of 9 people found the following

review helpful. A valuable source of information on communications receiversBy A CustomerI pass along the review by Karl-Otto Müller in News from Rohde Schwarz, Number 157 (1998/I):This book is the revised edition of a comprehensive work on receiver design that first appeared in 1988. Following a general introduction to radio reception technology and a historical review, it looks at the principles of the major parts of a receiver and gives a wealth of details about designing them. For every aspect there are examples of circuits that have already been built and tried in practice. There is also a whole section on receiving antennas that is very well worth reading.Revision naturally focused on those areas where there have been the biggest technical advances in recent years, in frequency synthesis and the application of digital signal processing. But a comparison of the two editions shows that the earlier one still reflects the state of the art in very many respects, especially in the case of the analog high-tech solutions presented for mixers, for instance.The book is divided into ten chapters, each finishing with many useful recommendations for further reading. This makes up for the fact that the book itself, because of its wide-ranging subject matter, cannot go into everything in depth. Overall the book is a valuable source of information for anyone involved in designing communications receivers.4 of 4 people found the following review helpful. very useful book for the radio receiver's designerBy A CustomerInto this very interesting book, I found a lot of good data to improve my knowledge in the radio receiver design. All my new realizations now take advantage by the data, circuit comparisons and architectural design constraints contained in the book. Many thanks to Ulrich for sharing his skill !

For professional-level information, this classic work has long been considered the definitive guide to both theory and design of all types of communications receivers including shortwave, military, broadcast, and direction-finding.Now the new edition builds on the reputation of its best-selling predecessor. Completely revised throughout, it features the latest advances in cellular and digital systems ... basic discussions of selectivity and dynamic range ... specifics on design approaches, circuitry, and components ... details on the use of microprocessors and logic devices ... coverage of special modes such as pulse and data ... and more.

From the Back CoverThe Definitive Guide to Receiver Design-Now Updated for the Digital/Cellular Age Revised and updated to cover state-of-the-art digital and cellular technology, the new edition of this classic work remains the ideal guide to the theory and design of all types of communications receivers-including shortwave, military, broadcast, and direction-finding. This sure-fire resource takes you through the leading-edge technologies being used in receiver design today... explains the basic principles of operation. . >and shows how to apply those basics to produce a working communications system. The Second Edition now features: Material on the latest advances in cellular and digital systems; Discussions of selectivity and dynamic range; Specifics on design approaches , circuitry, and components; Details on the use of microprocessors and logic devices; Coverage of special modes such as pulse and data. Supporting mathematics is provided where appropriate, and extensive technical illustrations and schematic drawings are used throughout to give you a solid grasp of fundamental principles.