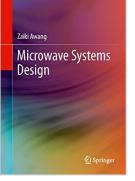
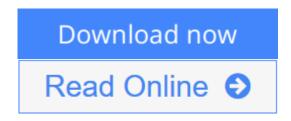
Microwave Systems Design

By Zaiki Awang





Microwave Systems Design By Zaiki Awang

The aim of this book is to serve as a design reference for students and as an upto-date reference for researchers. It also acts as an excellent introduction for newcomers to the field and offers established rf/microwave engineers a comprehensive refresher. The content is roughly classified into two - the first two chapters provide the necessary fundamentals, while the last three chapters focus on design and applications. Chapter 2 covers detailed treatment of transmission lines. The Smith chart is utilized in this chapter as an important tool in the synthesis of matching networks for microwave amplifiers. Chapter 3 contains an exhaustive review of microstrip circuits, culled from various references. Chapter 4 offers practical design information on solid state amplifiers, while Chapter 5 contains topics on the design of modern planar filters, some of which were seldom published previously. A set of problems at the end of each chapter provides the readers with exercises which are compiled from actual university exam questions. An extensive list of references is available at the end of each chapter to enable readers to obtain further information on the topics covered.

Download Microwave Systems Design ...pdf

B Read Online Microwave Systems Design ...pdf

Microwave Systems Design

By Zaiki Awang

Microwave Systems Design By Zaiki Awang

The aim of this book is to serve as a design reference for students and as an up-to-date reference for researchers. It also acts as an excellent introduction for newcomers to the field and offers established rf/microwave engineers a comprehensive refresher. The content is roughly classified into two – the first two chapters provide the necessary fundamentals, while the last three chapters focus on design and applications. Chapter 2 covers detailed treatment of transmission lines. The Smith chart is utilized in this chapter as an important tool in the synthesis of matching networks for microwave amplifiers. Chapter 3 contains an exhaustive review of microstrip circuits, culled from various references. Chapter 4 offers practical design information on solid state amplifiers, while Chapter 5 contains topics on the design of modern planar filters, some of which were seldom published previously. A set of problems at the end of each chapter provides the readers with exercises which are compiled from actual university exam questions. An extensive list of references is available at the end of each chapter to enable readers to obtain further information on the topics covered.

Microwave Systems Design By Zaiki Awang Bibliography

- Sales Rank: #4215810 in eBooks
- Published on: 2013-09-24
- Released on: 2013-09-24
- Format: Kindle eBook

<u>Download Microwave Systems Design ...pdf</u>

Read Online Microwave Systems Design ...pdf

Editorial Review

From the Back Cover

The aim of this book is to serve as a design reference for students and as an up-to-date reference for researchers. It also acts as an excellent introduction for newcomers to the field and offers established rf/microwave engineers a comprehensive refresher. The content is roughly classified into two – the first two chapters provide the necessary fundamentals, while the last three chapters focus on design and applications. Chapter 2 covers detailed treatment of transmission lines. The Smith chart is utilized in this chapter as an important tool in the synthesis of matching networks for microwave amplifiers. Chapter 3 contains an exhaustive review of microstrip circuits, culled from various references. Chapter 4 offers practical design information on solid state amplifiers, while Chapter 5 contains topics on the design of modern planar filters, some of which were seldom published previously. A set of problems at the end of each chapter provides the readers with exercises which were compiled from actual university coursewares. An extensive list of references is available at the end of each chapter to enable readers to obtain further information on the topics covered.

About the Author

Prof. Zaiki Awang is a Professor of Microwaves at the faculty of electrical engineering and head of Microwave Technology Centre, Universiti Teknologi MARA, Shah Alam, Malaysia. He was the past chairman, Institute of Electrical and Electronics Engineers (IEEE) USA, Malaysia Section and IEEE Malaysia Antenna and Propagation/Microwave Theory and Techniques/Electromagnetic Compatibility Joint Chapter. In addition he is the head, commission of Electronics and Photonics and Malaysia representative, International Union of Radio Science (URSI, Belgium). He has published more than 150 research papers in technical journals and proceedings, and written more than 50 technical reports for the profession and the industry.

Users Review

From reader reviews:

Donald McLaughlin:

The book Microwave Systems Design can give more knowledge and information about everything you want. Exactly why must we leave a very important thing like a book Microwave Systems Design? A few of you have a different opinion about e-book. But one aim this book can give many data for us. It is absolutely appropriate. Right now, try to closer with the book. Knowledge or information that you take for that, you could give for each other; you are able to share all of these. Book Microwave Systems Design has simple shape nevertheless, you know: it has great and big function for you. You can look the enormous world by start and read a reserve. So it is very wonderful.

Carolyn Franklin:

This Microwave Systems Design are generally reliable for you who want to be a successful person, why. The reason of this Microwave Systems Design can be among the great books you must have is definitely giving you more than just simple examining food but feed you with information that probably will shock your previous knowledge. This book is handy, you can bring it almost everywhere and whenever your conditions

in the e-book and printed kinds. Beside that this Microwave Systems Design forcing you to have an enormous of experience for instance rich vocabulary, giving you trial of critical thinking that we all know it useful in your day exercise. So, let's have it and enjoy reading.

Claire Davis:

In this period of time globalization it is important to someone to receive information. The information will make professionals understand the condition of the world. The fitness of the world makes the information simpler to share. You can find a lot of sources to get information example: internet, magazine, book, and soon. You can see that now, a lot of publisher this print many kinds of book. Typically the book that recommended to your account is Microwave Systems Design this book consist a lot of the information from the condition of this world now. That book was represented just how can the world has grown up. The words styles that writer value to explain it is easy to understand. Typically the writer made some investigation when he makes this book. This is why this book ideal all of you.

George Williams:

Is it you actually who having spare time in that case spend it whole day through watching television programs or just lying down on the bed? Do you need something totally new? This Microwave Systems Design can be the answer, oh how comes? It's a book you know. You are therefore out of date, spending your extra time by reading in this completely new era is common not a nerd activity. So what these publications have than the others?

Download and Read Online Microwave Systems Design By Zaiki Awang #WBC2E3J0LZF

Read Microwave Systems Design By Zaiki Awang for online ebook

Microwave Systems Design By Zaiki Awang Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Microwave Systems Design By Zaiki Awang books to read online.

Online Microwave Systems Design By Zaiki Awang ebook PDF download

Microwave Systems Design By Zaiki Awang Doc

Microwave Systems Design By Zaiki Awang Mobipocket

Microwave Systems Design By Zaiki Awang EPub

WBC2E3J0LZF: Microwave Systems Design By Zaiki Awang