



Power Electronics: Converters, Applications, and Design

By Ned Mohan, Tore M. Undeland, William P. Robbins

Download now

Read Online 

Power Electronics: Converters, Applications, and Design By Ned Mohan, Tore M. Undeland, William P. Robbins

Offering step-by-step, in-depth coverage, the new Third Edition of Power Electronics: Converters, Applications, and Design provides a cohesive presentation of power electronics fundamentals for applications and design in the power range of 500 kW or less. The text describes a variety of practical and emerging power electronic converters made feasible by the new generation of power semiconductor devices. The new edition is now enhanced with a new CD-ROM, complete with PSpice-based examples, a new magnetics design program, and PowerPoint slides.

 [Download Power Electronics: Converters, Applications, and D ...pdf](#)

 [Read Online Power Electronics: Converters, Applications, and ...pdf](#)

Power Electronics: Converters, Applications, and Design

By Ned Mohan, Tore M. Undeland, William P. Robbins

Power Electronics: Converters, Applications, and Design By Ned Mohan, Tore M. Undeland, William P. Robbins

Offering step-by-step, in-depth coverage, the new Third Edition of Power Electronics: Converters, Applications, and Design provides a cohesive presentation of power electronics fundamentals for applications and design in the power range of 500 kW or less. The text describes a variety of practical and emerging power electronic converters made feasible by the new generation of power semiconductor devices. The new edition is now enhanced with a new CD-ROM, complete with PSpice-based examples, a new magnetics design program, and PowerPoint slides.

Power Electronics: Converters, Applications, and Design By Ned Mohan, Tore M. Undeland, William P. Robbins Bibliography

- Sales Rank: #168347 in Books
- Published on: 2002-10-10
- Original language: English
- Number of items: 1
- Dimensions: 9.90" h x 1.20" w x 6.60" l, 2.84 pounds
- Binding: Hardcover
- 824 pages



[Download Power Electronics: Converters, Applications, and D ...pdf](#)



[Read Online Power Electronics: Converters, Applications, and ...pdf](#)

Download and Read Free Online Power Electronics: Converters, Applications, and Design By Ned Mohan, Tore M. Undeland, William P. Robbins

Editorial Review

From the Back Cover

Since its publication in 1989, each edition has strived to present a cohesive presentation of power electronics fundamentals for applications and design in the power range where there is demand in industry for power electronic engineers. A CD-ROM has been added to this edition, which readers will find useful in the exploration of power electronics and use of this text. The CD-ROM contains:

- * A large number of new end-of-chapter problems with varying degrees of difficulty.
- * PSpice(r) -based simulation examples to illustrate basic concepts and help in the design of converters. PSpice(r) is an ideal simulation tool for this purpose.
- * A newly developed magnetic component design program. This program is extremely useful in showing design trade-offs, for example, the influence of switching frequency on the size of inductors and transformers.
- * PowerPoint-based slides for all chapters that help summarize topics throughout the text.

The text also explores industrial and commercial applications, as well as practical aspects of power electronic converter design, such as snubber circuits, drive circuits, circuit layout, and heat sinks. Please visit <http://www.wiley.com/college/mohan> for additional information.

About the Author

Ned Mohan is the Oscar A. Schott Professor of Power Electronics at the University of Minnesota. He has numerous patents and publications in this field. He is a Fellow of the IEEE.

Tore M. Undeland is a professor in Power Electronics in the Faculty of Information Technology, Mathematics and Electrical Engineering at the Norwegian University of Science and Technology, NTNU, Trondheim, Norway. He is also a scientific advisor to the SINTEF Energy Research.

William P. Robbins is a professor in the Department of Electrical and Computer Engineering at the University of Minnesota. Prior to joining the University of Minnesota, he was a research engineer at the Boeing Company.

Users Review

From reader reviews:

Kristen Self:

Do you one among people who can't read gratifying if the sentence chained within the straightway, hold on guys this kind of aren't like that. This Power Electronics: Converters, Applications, and Design book is readable by means of you who hate the straight word style. You will find the details here are arrange for enjoyable examining experience without leaving possibly decrease the knowledge that want to provide to you. The writer regarding Power Electronics: Converters, Applications, and Design content conveys prospect easily to understand by a lot of people. The printed and e-book are not different in the content material but it just different as it. So , do you nonetheless thinking Power Electronics: Converters, Applications, and Design is not loveable to be your top listing reading book?

Viola Waters:

This book untitled Power Electronics: Converters, Applications, and Design to be one of several books that best seller in this year, honestly, that is because when you read this book you can get a lot of benefit into it. You will easily to buy this specific book in the book retail store or you can order it by using online. The publisher of the book sells the e-book too. It makes you quickly to read this book, as you can read this book in your Smartphone. So there is no reason to you personally to past this book from your list.

Robert Brown:

Typically the book Power Electronics: Converters, Applications, and Design will bring you to the new experience of reading a book. The author style to explain the idea is very unique. In the event you try to find new book to study, this book very ideal to you. The book Power Electronics: Converters, Applications, and Design is much recommended to you to learn. You can also get the e-book from your official web site, so you can easier to read the book.

Adrian Johnson:

A lot of book has printed but it differs. You can get it by web on social media. You can choose the most effective book for you, science, witty, novel, or whatever through searching from it. It is called of book Power Electronics: Converters, Applications, and Design. You can contribute your knowledge by it. Without causing the printed book, it may add your knowledge and make an individual happier to read. It is most essential that, you must aware about reserve. It can bring you from one destination for a other place.

Download and Read Online Power Electronics: Converters, Applications, and Design By Ned Mohan, Tore M. Undeland, William P. Robbins #Z9IMR71D3G0

Read Power Electronics: Converters, Applications, and Design By Ned Mohan, Tore M. Undeland, William P. Robbins for online ebook

Power Electronics: Converters, Applications, and Design By Ned Mohan, Tore M. Undeland, William P. Robbins 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 Power Electronics: Converters, Applications, and Design By Ned Mohan, Tore M. Undeland, William P. Robbins books to read online.

Online Power Electronics: Converters, Applications, and Design By Ned Mohan, Tore M. Undeland, William P. Robbins ebook PDF download

Power Electronics: Converters, Applications, and Design By Ned Mohan, Tore M. Undeland, William P. Robbins Doc

Power Electronics: Converters, Applications, and Design By Ned Mohan, Tore M. Undeland, William P. Robbins Mobipocket

Power Electronics: Converters, Applications, and Design By Ned Mohan, Tore M. Undeland, William P. Robbins EPub