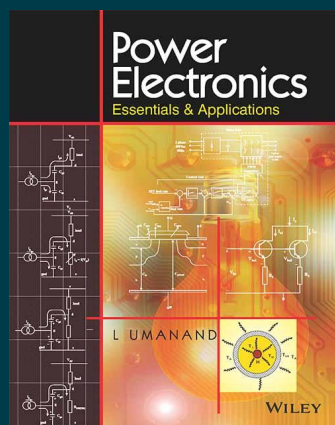


WILEY

Power Electronics: Essentials & Applications

By L. Umanand

Paperback

ISBN: 9788126519453

Publication: [NOT PROVIDED] *publication_date*

Page Count: 944 pages

₹1,059.00

• Description

This book on power electronics spans a wide knowledge base such as power devices, drives, circuit topologies, magnetics, system modeling, control configurations, digital processing, thermal and reliability aspects. The book has been broadly divided into two types of topics viz. (a) circuit-oriented aspects and (b) system-oriented aspects. The first seven chapters deal with circuit-oriented aspects of power electronics systems and the remaining chapters deal with system-oriented aspects like controls and reliability.

• About the Author

L. Umanand

Loganathan Umanand is a Principal Research Scientist at the Centre for Electronics Design and Technology (CEDT)

• Table of Contents

- Power Semiconductor Switches
- Drive Circuits
- Rectifiers
- DC-DC Linear Regulators
- DC-DC Switched-Mode Converters
- DC-AC Switched-Mode Converters
- Design of Magnetics
- Modeling of Systems
- Control System Essentials
- Optimal and Robust Controller Design
- Discrete Computation Essentials
- Thermal Aspects
- Reliability Modeling
- Reliability Prediction

To purchase this product, please visit:

<https://wiley.indiafin.com/power-electronics-essentials-applications.html>



Scan to buy

