
Description: This book provides a truly practical guide to the design of power circuits, characteristics of power semiconductor designs, power components and design techniques. In the new edition the sections on power and control components have been updated, the section on EMC covers the latest standards and a new section on automobile applications has been added.

It remains an invaluable source of reference for engineers and technicians, covering the design of power circuits, characteristics of power semiconductor devices, power components and design techniques.

Written by a practicing electronics engineer for practicing engineers
Mathematics is kept to a minimum
More up-to-date than the competition

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Part 1: Components
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Thermal design
Power semiconductor control components
Electromagnetic compatibility
Power semiconductor circuits
a resume
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A.C. line control converters
Forced commutation techniques
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D.C. link frequency changers

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Power semiconductor circuit applications
Smart Power

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