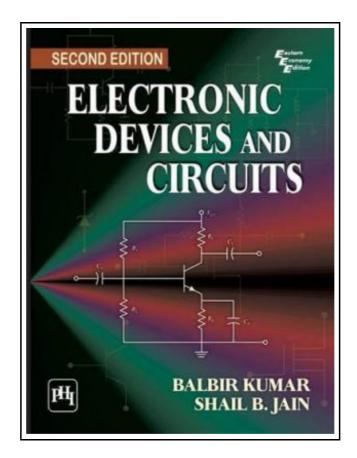
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Reviews

Comprehensive information! Its this sort of excellent read. I could possibly comprehended every little thing out of this published e pdf. You wont sense monotony at at any moment of your time (that's what catalogs are for about when you ask me). (Prof. Mauricio Howe III)

ELECTRONIC DEVICES AND CIRCUITS (SECOND EDITION)



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PHI Learning 0. Softcover. Book Condition: New. 2nd edition. Designed as a text for the students of various engineering streams such as electronics/electrical engineering, electronics and communication engineering, computer science and engineering, IT, instrumentation and control and mechanical engineering, this wellwritten text provides an introduction to electronic devices and circuits. It introduces to the readers electronic circuit analysis and design techniques with emphasis on the operation and use of semiconductor devices. It covers principles of operation, the characteristics and applications of fundamental electronic devices such as pn junction diodes, bipolar junction transistors (BJTs), and field effect transistors (FETs), and special purpose diodes and transistors. In its second edition, the book includes a new chapter on ?special purpose devices? What distinguishes this text is that it explains the concepts and applications of the subject in such a way that even an average student will be able to understand working of electronic devices, analyze, design and simulate electronic circuits. This comprehensive book provides: ? A large number of solved examples. ? Summary highlighting the important points in the chapter. ? A number of Review Questions at the end of each chapter. ? A fairly large number of unsolved problems with answers. Contents: Preface 1. Semiconductor Physics 2. The pn Junction Diode 3. Applications of Diodes 4. Bipolar Junction Transistors (BJTs) 5. BJT Biasing (Q-point) and Stability 6. BJT Amplifiers 7. Field-Effect Transistors? Characteristics and Biasing 8. FET Amplifiers 9. Multistage Amplifiers 10. Frequency Response of Amplifiers 11. Feedback Amplifiers 12. Oscillators 13. Power Amplifiers and Voltage Regulators 14. Special Purpose Devices Index Printed Pages: 744.

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