

# Semiconductor Essentials



Gain hands-on knowledge of semiconductor diodes and transistors with help from the information in this book! Semiconductor Essentials is a first course in electronics at technical and engineering levels. Each chapter is a lesson in electronics, with problems presented at the end of the chapter to test your understanding of the material presented. This generously illustrated manual is a useful instructional tool for the student and hobbyist, as well as a practical review for professional technicians and engineers. With easy-to-follow text and detailed illustrations, Semiconductor Essentials covers the following subjects:

- Semiconductor Chemistry
- Diode Chemistry
- Rectifier Diodes
- Rectifier Diode Circuits
- Zener Diodes
- Transistor Chemistry
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- Transistor Biasing
- Transistor AC Analysis
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