

## Practical Electronics for Inventors, 3ed

Chapter	Topic	Section	Pages
Chapter 1	<i>Introduction to Electronics</i>		pp 1 - 3
Chapter 2	<i>Basic Theory of Electronics</i> Current, Voltage, Conduction, Resistance, Resistivity, Conductivity Insulators, Conductors, Semiconductors Heat and Power Thermal Conduction and Resistance Ohm's Law, Circuits and Sources Kirchhoff's Laws & Superposition Thevenin & Norton Circuits	Sections 2.1 - 2.4 Section 2.5 Section 2.6 Section 2.7 Section 2.8 Sections 2.11 - 2.16 Sections 2.17 - 2.18 Section 2.19	pp 5 - 23 pp 23 - 28 pp 28 - 31 pp 31 - 34 pp 34 - 37 pp 49 - 69 pp 69 - 75 pp 76 - 80
Chapter 3	<i>Basic Electronic Circuit Components</i> Resistors	Section 3.5	pp 299 - 324

## Schaum's Outline of Basic Electricity, 2ed

Chapter	Topic	Pages	Solved Problems	Supplemental Problems
1	The Nature of Electricity	1 - 9	1.1 - 1.10	1.11 - 1.22
2	Electrical Standards and Conventions	15 - 21	2.1 - 2.10	2.21 - 2.31
2	Graphical Symbols and Electrical Diagrams	27 - 33	2.63 - 2.68	2.69 - 2.78
3	Ohm's Law and Power	39 - 49	3.1 - 3.10	3.11 - 3.35
4	Direct-Current Series Circuits	52 - 62	4.1 - 4.13	4.14 - 4.43
5	Direct-Current Parallel Circuits	75 - 85	5.1 - 5.12	5.13 - 5.42
7	Kirchhoff's Laws	110 - 118	7.1 - 7.6	7.7 - 7.24

## Handy References: Schaum's Outline of Basic Electricity, 2ed

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