



Electronics Pocket Handbook, 3rd Edition

By Metzger, Daniel L.

Prentice Hall, 1998. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Definitions, Formulas, and Charts. Definitions of Electrical Quantities. Ohm's Law and Power Law. Resistor Combinations. Capacitors and Inductors. AC, Harmonics, RMS, and Skin Effect. Reactance and Impedance. 1Complex Notation: Rectangular and Polar (Phasor) Forms. Three-Phase Formulas. Transformer Formulas. Power-Supply Formulas. Decibels. Instrumentation Definitions. Attenuator Formulas. Bridge Circuits. Filters. Antennas and Transmission-Lines. Thermal Formulas. Mathematical Formulas. 2. Component Data and Characteristics. Wire and Cable. Resistors and Capacitors. Inductors and Transformers. Semiconductor Devices. Miscellaneous Components. 3. Circuit Analysis and Design. Resistive Circuits. Network Theorems. General Circuit-Analysis Techniques. AC Circuit Analysis. Nonsinusoidal Excitation. Real-Transformer Equivalent Circuits. Power-Supply Circuit Analysis. Amplifier Circuit Analysis. Trigger and Power Circuits. 4. Units, Conversions, and Constants. The International System of Units (SI). Quantity, Unit, and Unit-Prefix Symbols. Unit Conversions. Physical Properties and Constants. 5. Standards, Symbols, and Codes. Frequency Standards. Radio and TV Broadcast Standards. Communications Codes. Mechanical Hardware Standards. Standard Schematic Symbols. 6. Computer Standards and Codes. Digital Codes. Boolean Algebra Theorems. Standard Computer Connectors. Computer-Language Summaries. 7. Tests and Procedures. Soldering and Reworking. Component Tests. Semiconductor Tests. Amplifier Tests.

Reviews

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