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The Fifth Edition has been updated to better provide a foundation in power supplies, amplifiers, oscillators, op-amps, and optoelectronic systems that readers need to launch a career or pursue more advanced study. Real-world color codes and strategic highlighting combine with color charts, photos, schematics, and diagrams to foster a solid foundation in circuits and devices that bridges the gap between must-know theory and hands-on circuit work. Other enhancements include totally new, automated calculations for the formulas in the book on the accompanying CD, and all-new information on admittance and susceptance. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Ask the publishers to restore access to 500,000+ books. All download options have the same file, and should be safe to use. 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