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Linear Circuit Design Handbook

By Analog Devices Inc, Engineering Staff, Hank Zumbahlen

Elsevier Science & Technology. Hardback. Book Condition: new. BRAND NEW, Linear Circuit Design Handbook, Analog Devices Inc, Engineering Staff, Hank Zumbahlen, This book enables design engineers to be more effective in designing discrete and integrated circuits by helping them understand the role of analog devices in their circuit design. Analog elements are at the heart of many important functions in both discrete and integrated circuits, but from a design perspective the analog components are often the most difficult to understand. The examples include operational amplifiers, D/A and A/D converters and active filters. Effective circuit design requires a strong understanding of the operation of these analog devices and how they affect circuit design. Table of contents include: chapter 1: The OP AMP, chapter 2: Other Linear Circuits, chapter 3: Sensors, chapter 4: RF/IF Circuits, chapter 5: Fundamentals Of Sampled Data Systems, chapter 6: Converters, chapter 7: Data Converter Support Circuits, chapter 8: Analog Filters, chapter 9: Power Management, chapter 10: Passive Components, chapter 11: Overvoltage Effects On Analog Integrated Circuits, and chapter 12: Printed Circuit Board (PCB) Design Issues. It provides comprehensive coverage of analog circuit components for the practicing engineer. It includes market-validated design information for all major types of linear circuits. It...



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