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| Edizione | [2nd ed.] |
| Descrizione fisica | 1 online resource (368 p.) |
| Collana | VLSI circuits series |
| Disciplina | 621.39/50285 |
| Soggetti | Integrated circuits - Very large scale integration - Design and construction - Data processing Electronic circuit design - Data processing |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Front Cover; Contents; List of Solved Examples; Preface; Acknowledgments; Author; Part I; Body; Chapter 1: Orcad Pspice Capture Fundamentals; Chapter 2: Pspice Fundamentals; Chapter 3: Pspice Advanced Features; Part II; Chapter 4: MATLAB® Fundamentals; Chapter 5: MATLAB® Functions; Part III; Chapter 6: Diode Circuits; Chapter 7: Operational Amplifier; Chapter 8: Transistor Characteristics and Circuits; Back Cover |
| Sommario/riassunto | Used collectively, PSPICE and MATLAB® are unsurpassed for circuit modeling and data analysis. PSPICE can perform DC, AC, transient, Fourier, temperature, and Monte Carlo analysis of electronic circuits with device models and subsystem subcircuits. MATLAB can then carry out calculations of device parameters, curve fitting, numerical integration, numerical differentiation, statistical analysis, and two- and three-dimensional plots. PSPICE and MATLAB® for Electronics: An Integrated Approach, Second Edition illustrates how to use the strong features of PSP |