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Descrizione fisica	1 online resource (922 pages) : illustrations
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Soggetti	Electronic circuits Electronic apparatus and appliances
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover -- Table of Contents -- 1. Semiconductor Diodes -- 2. Diode Applications -- 3. Bipolar Junction Transistors -- 4. DC Biasing-BJTs -- 5. BJT AC Analysis -- 6. Field-Effect Transistors -- 7. FET Biasing -- 8. FET Amplifiers -- 9. BJT and JFET Frequency Response -- 10. Operational Amplifiers -- 11. Op-Amp Applications -- 12. Power Amplifiers -- 13. Linear-Digital ICs -- 14. Feedback and Oscillator Circuits -- 15. Power Supplies (Voltage Regulators) -- 16. Other Two-Terminal Devices -- 17. pnpn and Other Devices -- 18. Appendix: Ripple Factor and Voltage Calculations -- Index -- 5.
Sommario/riassunto	For upper-level courses in Devices and Circuits at 2-year or 4-year Engineering and Technology institutes. Electronic Devices and Circuit Theory, Eleventh Edition, offers students a complete, comprehensive survey, focusing on all the essentials they will need to succeed on the job. Setting the standard for nearly 30 years, this highly accurate text is supported by strong pedagogy and content that is ideal for new students of this rapidly changing field. The colorful layout with ample photographs and examples enhances students' understanding of important topics. This text is an excellent reference work for anyone involved with electronic devices and other circuitry applications, such as electrical and technical engineers.