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paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 256 Publisher: Electronic Industry Pub. Date :2011-06-01 version 1. Microelectronics Introduction (2nd Edition) (author Hao Yue. Jia new chapter. Dong Gang. Shi Jiangyi) Department of general higher education ten First Five national planning materials. Introduction to Microelectronics (2nd Edition) Chapter 6. the silicon integrated circuit as the central focus on the physical basis of the semiconductor integrated device. the basic process and the development of integrated circuit manufacturing. integrated circuit design and microelectronic system design. computer integrated circuits aided design (CAD). Microelectronics book for non-electronic Information Science and Electrical Information for undergraduate and graduate teaching. also available in the integrated circuit and system references the work of technical personnel. especially for work that will be engaged in non-integrated micro-graduate engineers and technicians. this book is a suitable primer. Contents: Chapter 1 Introduction 1.1 The development of microelectronics and integrated circuit process technology and semiconductor integrated circuit microelectronic 1.1.1 1.1.2 1.1.3 History and development of technical and economic characteristics of IC 1.2 Classification 1.2.1 law by the circuit functional classification 1.2.2 Classification 1.2.3 by the circuit structure according to the active device structure and process classification 1.2.4 Classification according to the size of the circuit characteristics of integrated circuit manufacturing 1.3 points 1.3.1 and the book to learn the circuit layout and system design 1.3.2 optimize the manufacturing of integrated circuits 1.3.3 1.3.4 1.3.5 IC IC package testing and analysis in Chapter 2 based 2.1 integrated semiconductor device physics and semiconductor band model. 2.1.1 and 2.1 covalent bond structure .2 semiconductor band model the Fermi distribution function 2.2 2.1.3 semiconductor conductive semiconductor equations 2.2.1 and 2.2.2 Intrinsic semiconductor intrinsic carrier in the current 2.2.4 2.2.3 semiconductor non-equilibrium carriers...



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