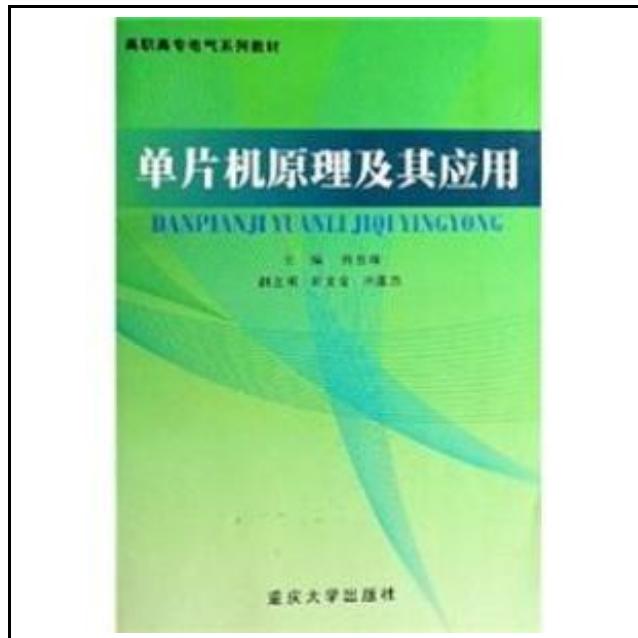


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paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 270 Publisher: Chongqing University Pub. Date :2006-02-01 version 1. Book MCS-51 series microcontroller-based. a more detailed description of the MCU. working principle and application technology. The book is divided into seven chapters. including: basic concepts and development of the microcontroller. the microcontroller's internal structure and external port function. the microcontroller instruction set and assembler programming. C51 microcontroller programming. system expansion and interface technology. single-chip application examples. The electrical materials mainly to vocational college students to teach object class. and strive to language concise. accurate. clear concepts. principles and applications closely integrated. and practical examples and examples of typical. easy to teach or learning. This book can be used as various types of engineering and technical personnel to use reference books to learn microcontroller technology. Contents: Chapter 1 Overview 1.1 single-chip microcontroller 1.1.1 the number of mathematical foundations and their mutual conversion 1.1.2 binary signed representation of the number of identification methods 1.1 1.1.3 overflow .4 ASCII code and BCD 1.2 single-chip form the basis of the classic computer 1.2.1 1.2.2 1.2.3 The concept of single-chip microcontroller application microcontroller development 1.2.5 1.2.4 1.2.6 SCM and SCM systems commonly used in embedded systems microcontroller family 1.3 Introduction 1.3.1MCS-51 Series 1.3.2MC68 series 1.3.3PIC16 series 1.3.4MSP430 series 1.3.5AVR Series Summary Problem 1 Chapter 2 the MCS-51 microcontroller 2.1 The basic structure of the internal structure of 2.1.1MCS-51 structure of the composition diagram 2.1.2CPU 2.2CPU timing and pin function 2. 2.1MCS-51 series microcontroller pin function descriptions 2.2.2 2.2.3 clock timing circuits and working single-chip reset circuit and work memory 2.3 Memory Organization 2.3.1 into 2.3 2.3.3 .2 program memory and data memory chip special function registers (SFR) 2.3.4-chip data memory 2.4MCS-51 port...



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