

Microcomputer Principle and Application (Series 21 century teaching reform)



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Reviews

This ebook is wonderful. Of course, it really is perform, nevertheless an interesting and amazing literature. Its been printed in an extremely straightforward way and it is simply after i finished reading this ebook where in fact changed me, modify the way i believe.

(Prof. Maxwell Stracke)

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paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 434 Publisher: Southwest Jiaotong University Pub. Date :2008-08-01 version 3. The book is divided into 9 chapters. focusing on the systematic arrangement. advanced and practical. each chapter before and after the echo. focusing on how to design a practical microcomputer system. The first four chapters introduce the general concept of micro-computer components and essential knowledge for the 8086/8088 introduced the microcomputer system modeled on the principle of composition. architecture. programming model. the mode of operation timing. addressing modes. instruction set. assembly language programming methods. and introduced the Pentium series from 80X86 to the expansion of the register and instruction; Chapter discussed the principles and use of memory. and memory and flash memory has made an appropriate description; sixth. seventh chapter interrupt system and I / O interface technology. the focus of the interrupt controller 8259h. the counter / timer 8253/8254. general-purpose parallel interface. 82C55. universal serial interface. 16C550. DMA controller 8237A. Serial A / D converter 14hX1148 and 12C bus A / D converter ADS1100. one by one to explain the various key components of the theory and application interfaces. and CPLD / FPGA devices to implement some of these functions; Pentium as the object of Chapter VIII to introduce modern computer systems. focusing on the storage management technology. virtual storage technology. pipeline technology. and high-speed 32-bit microcomputer system made a detailed statement caching. and on this basis. the technical features of the Pentium are described and summarized: Chapter 9 discusses the high-level assembly language programming. in particular. is a C / C mixed with assembly programming. can be regarded as a summary of previously learned and improved. This book can be used as power class universities and...



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