

## Principles and applications of single-chip microcomputer



Filesize: 4.06 MB

### ***Reviews***

*This kind of publication is every little thing and taught me to searching in advance plus more. I have got study and i am confident that i am going to going to go through yet again again down the road. I am just effortlessly could get a delight of reading a written pdf.*

***(Mrs. Bonita Kuphal)***

## PRINCIPLES AND APPLICATIONS OF SINGLE-CHIP MICROCOMPUTER

DOWNLOAD



To get **Principles and applications of single-chip microcomputer** PDF, please refer to the link listed below and download the ebook or get access to additional information which might be have conjunction with PRINCIPLES AND APPLICATIONS OF SINGLE-CHIP MICROCOMPUTER ebook.

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 236 Publisher: Zhejiang University Pub. Date :2009-02-01 version 3. Contents: Chapter 1 Microcomputer Fundamentals 1.1 computer code number system and decimal system 1.1.1 1.1.1.1 1.1.1.2 binary 1.1.4 .3 hexadecimal number conversion 1.1.5BCD code 1.1.6ASCII 1.2 computer code computing the number of representation of the number of machines 1.2.1 1.2.2 1.3 complement addition and subtraction basic working principle of micro-computers Microprocessor 1.3.2 1.3.1 1.3.4 computer memory 1.3.3LO simple work process equipment 1.4 single-chip microcomputer chip development process 1.4.1 1.4.2 1.4.3 SCM trends first single-chip applications Chapter 2 the MCS-51 microcontroller architecture 2.1MCS-51 overall structure 2.1.1CPU2.1.2 memory configuration 2.1.3IO mouth 2.2MCS-51 program memory single-chip memory architecture 2.2.1 2.2.2 internal data storage receptacle and the special function registers 2.2.3 external data memory 2.3MCS-51 input and output ports 2.3.1P0 mouth 2.3.2P1 2.3.4P3 mouth mouth mouth 2.3.3P2 2.3.5 port load capacity and timing interface requirements 2.4CPU 2.4 .1 oscillator and clock circuitry 2.4.2CPU timing 2.5MCS-51 pin microcontroller pins and functions 2.5.1 and 2.5.2. reset circuit and power-down function Operation Chapter 3. MCS-51 instruction set 3.1MCS-51 addressing 3.2.1 3.2 data transfer instruction means an internal 8-bit data transfer instruction 3.2.216-bit data transfer instructions 3.2.3 3.2.4 external data transfer instruction class switching and look-up table operation command stack commands 3.2.5 3.3 3.3.1 arithmetic instructions addition and subtraction instructions 3.3.2 multiplication. division and shift instructions 3.4 Logical instructions 3.4.2 Logical instructions 3.4.1 Rotate Instructions 3.5 3.5.1 unconditional control transfer instruction conditional branch instruction 3.5.3 3.5.2 call and return instructions 3.6 operating instructions in Chapter 4 Assembly Language Programming Assembly Language 4.1 4.1.1 the basic concepts of machine language. assembly language and high-level language. assembly language format 4.1.2 4.2 assembly language source code compilation and manual...



[Read Principles and applications of single-chip microcomputer Online](#)



[Download PDF Principles and applications of single-chip microcomputer](#)

## See Also

---



**[PDF] TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)**

Access the link listed below to download "TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)" PDF document.

[Read Book »](#)

---



**[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)**

Access the link listed below to download "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" PDF document.

[Read Book »](#)

---



**[PDF] Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 --- Children's Literature 2004(Chinese Edition)**

Access the link listed below to download "Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 --- Children's Literature 2004(Chinese Edition)" PDF document.

[Read Book »](#)

---



**[PDF] JA] early childhood parenting :1-4 Genuine Special(Chinese Edition)**

Access the link listed below to download "JA] early childhood parenting :1-4 Genuine Special(Chinese Edition)" PDF document.

[Read Book »](#)

---



**[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)**

Access the link listed below to download "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)" PDF document.

[Read Book »](#)

---



**[PDF] YJ] New primary school language learning counseling language book of knowledge [Genuine Specials(Chinese Edition)**

Access the link listed below to download "YJ] New primary school language learning counseling language book of knowledge [Genuine Specials(Chinese Edition)" PDF document.

[Read Book »](#)