Principles and applications of single-chip microcomputer



Filesize: 9.73 MB

Reviews

Undoubtedly, this is the greatest job by any author. It is actually filled with wisdom and knowledge I am quickly could get a pleasure of reading a written book.

(Kade Ankunding)

PRINCIPLES AND APPLICATIONS OF SINGLE-CHIP MICROCOMPUTER



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 1.1.2 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

Related PDFs



Minecraft Diary: Minecraft Zombie World Book 1. Better of Dead (an Unofficial Minecraft Book): (Minecraft Books, Minecraft Diaries, Zombie Minecraft, Minecraft Comics, Minecraft Adventures)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Minecraft Diary Minecraft Zombie World Book 1. Better of Dead The dead came...

Download Document »



Plants vs. Zombies game book - to play the stickers 2 (puzzle game swept the world. most played together(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: Unknown Pages: 28 in Publisher: China Children Press List Price: 13.00...

Download Document »



Li Xiuying preschool fun games book: Lingling tiger awesome (connection) (3-6 years old)(Chinese Edition)

paperback. Book Condition: New. Paperback. Pub Date: 2010. Pages: 30 Language: Chinese in Publisher: Time Publishing and Media Co. Ltd. Anhui Children's Publishing House Hi. you do! I called Lingling Tiger. my vision is to...

Download Document »



Basic Concepts, Grade Preschool

Book Condition: Brand New. Book Condition: Brand New.

Download Document »



Look Up, Look Down! (Pink A)

Pearson Education Limited. Book Condition: New. This title is part of Pearson's Bug Club - the first whole-school reading programme that joins books and an online reading world to teach today's children to read. In...

Download Document »



Phonics Fun Stick Kids Workbook, Grade 1 Stick Kids Workbooks

Creative Teaching Press. Paperback. Book Condition: New. Paperback. 56 pages. Dimensions: 8.8in. x 6.4in. x 0.3in.Learning to read is a fun and exciting time in a childs life, and being able to decode words is

Save PDF »



Read Write Inc. Phonics: Purple Set 2 Storybook 3 Big Blob and Baby Blob

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 210 x 145 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read

Save PDF »



Molly on the Shore, BFMS 1 Study score

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 26 pages. Dimensions: 9.7in. x 6.9in. x 0.3in.Percy Grainger, like his contemporary Bela Bartok, was intensely interested in folk music and became a member of the English

Save PDF »



Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 2: Cat in a Bag (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 \times 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It

Save PDF »



Slavonic Rhapsody in D Major, B.86.1: Study Score

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 297 x 210 mm. Language: English . Brand New Book ***** Print on Demand *****. The first of the three Slovanske rapsodie was composed from February

Save PDF »