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Reviews

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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: 185 Publisher: Tsinghua University. Pub. Date :2011-09-01 version 1. Tangshu Sen eds embedded FPGASoPC technical experiments and hands-on tutorials sub-basic theory and practical parts. Section describes the basic theory of the FPGA and SOPC basic theory. Quartus to use the software. FPGA-based development technology. Nios embedded system development process. Nios common components with the programming and SOPC technology. Practice. some combination of common development IDE Quartus example to illustrate the setting. the new project or file. compile and download processes. methods and techniques. SOPC Builder design flow. Nios soft-core processor. Nios soft-core processor configuration. About the soft-core Nios embedded processor design. SoPC combination of hardware and software development process. Nios development platform and integrated development environment (IDE) features and Nios peripheral interfaces. Embedded FPGASoPC technical experiments and hands-on tutorials as at least two years for the electronics. computer classes. Automation and machinery and electronic materials such as professional or undergraduate teaching reference books. but also the training of professional and technical personnel as reference . Contents: Part 1 Basic theory 1.1 Introduction Chapter 1 Introduction to embedded systems technology 1.2FPGA Introduction 1.4 Introduction 1.3SoPC hardware description language and its basic architecture of the program 1.5 Overview of embedded systems based on FPGASoPC Chapter 2 Altera programmable devices with Quartus software applications 2.1A1tera programmable logic device 2.2Quartus Introduction 2.3Quartus installation and use of 2.4Quartus design process in Chapter 3 processors Nios Avalon bus and bus 3.2Nios 3.1Avalon 3.3Nios embedded processor architecture based on SoPC of Chapter 4 processor design 4.1SOPC Builder Nios Introduction to 4.2SOPC Builder 4.3 based on the composition and function of the embedded processor SOPC Builder peripherals designed to solve the challenges facing the parameter...

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