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## EMBEDDED SYSTEM DEVELOPMENT BASED ON: BASED ON ARM MICROPROCESSORS AND THE LINUX OPERATING SYSTEM



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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: 222 Publisher: Electronic Industry Press. Pub. Date: 2008 -10 This book introduces embedded systems software development. content based on ARM microprocessors and the Linux operating system. This book includes: the basics of embedded systems. embedded cross-compiler environment and embedded development environment to build Linux-based embedded software development processes. MiniGUI application design. embedded database applications. Qt GUI application development . Book covers the embedded system is driven from the bottom to the top of the various parts of the application. with the experimental operation step by step through the individual chapters to help readers learn to lead beginners to successfully enter the embedded world. This book is suitable as institutions of higher learning computers. electronic information and other professional materials embedded direction can also be embedded as a reference for researchers. Contents: Chapter 1 Basics 1.1 embedded systems embedded systems characteristics and the characteristics of embedded systems 1.1.1 Classification 1.1.2 Classification of embedded systems hardware and software structure 1.2 1.3 embedded systems embedded microprocessor arm 1.3. 1 arm Description 1.3.2 arm programming model 1.3.3 arm instruction set 1.3.4 c and assembly language programming mix 1.5 1.4 embedded operating system and linux on arm embedded development platform for embedded Exercises Chapter 2 cross compiler embedded cross compile environment environment 2.1 Introduction 2.2 nfs services 2.3 samba services 2.4 windows and linux hybrid development model 2.4.1 vmware virtual machine settings to share 2.4.2 ssh client software 2.4.3 windows text editor under 2.5 gcc 2.5 compiler .1 gcc 2.5.2 gcc build process and other options 2.6 gdb debugger 2.6.1 gdb 2.6.2 gdb basic use basic commands Four Satisfaction guaranteed, or money back.

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