



embedded system theory and application development technology

By SANG NAN LEI HANG CUI JIN ZHONG YANG XIA / SANG NAN

paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Pages Number: 395 Publisher: Higher Education Press Pub. Date :2008-03. the book to the current mainstream technology for embedded systems background. based on the principle of embedded systems to embedded system development system for the skeleton. a more comprehensive description of the embedded the basic concepts of systems. the basic hardware and software architecture. hardware and software development methods. related development tools. applications. and some of the current cutting-edge trends. showing readers a more complete overview of the field of embedded systems. This book is not tired out principles of computer organization. programming languages. compiler theory. operating systems. software engineering technology. the basic principles. but based on the characteristics of embedded systems. focusing on the technical principles of the characteristics of embedded applications. highlighting the embedded system software and hardware dependent. real-time. reliable features. from the perspective of software architecture. emphasizing the real-time scheduling. Bootloader. BSP. embedded real-time multitasking system design. development and simulation of cross-development of key technologies. and particularly the introduction of FPGA-based design of embedded applications. embedded GUI. embedded real-time network. embedded database. streaming media. power management...



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