

## MSP430 series of 16-bit ultra-low power microcontroller theory and practice



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***(Ms. Ora Buckridge)***

## MSP430 SERIES OF 16-BIT ULTRA-LOW POWER MICROCONTROLLER THEORY AND PRACTICE



paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 447 Publisher: Beijing University of Aeronautics and Astronautics Press Pub. Date :2008-07. MSP430 series ultra-low power 16-bit Microcontroller Theory and Practice to TI s MSP430 series ultra-low power 16-bit microcontroller core. introduced the MSP430 MCU features and selection. Details about the MSP430 MCU architecture and instruction set. a full range of MSP430 microcontrollers (including the latest F15X, F16X) involved in the on-chip peripheral functions. principles. a detailed description of the application. And describes the MSP430 microcontroller development environment. assembly language. C language programming methods. and common interface circuit chip design and software programming. MSP430 series ultra-low power 16-bit Microcontroller Theory and Practice combines the author of six years of teaching MSP430 Microcontroller Theory and Applications course. and years of experience in development and application of microcontroller and experience. content is added. updated a lot of new information and experiments. especially the latest wireless sensor networks ZigBee. and other analog devices. All source code in the book (assembler and C) are field-proven and tested. and integrated design application examples are mostly drawn from the practical application of the project. part of the design is taken from TI s application notes. MSP430 series ultra-low power 16-bit Microcontroller Theory and Practice on the accompanying CD-ROM. there is an integrated development environment IAR EW430 Evaluation (4 KB C code restrictions). the experimental system hardware information. and the book-based experiments. and many examples of complete source code (including the USB port USB430. network interface NET More Contents: Chapter 1 Overview 1.1 single-chip micro-computer chip concept 1.1.1 1.1.2 1.1.3 Features MCU MCU MCU application 1.2msp430 1.2.1msp430 Series Product Overview 1.2.2msp430 microcontroller MCU MCU features 1.2.3msp430 the development and application 1.3 Summary 1.4 thinking...



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