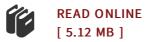




Embedded Computing and Mechatronics with the PIC32 Microcontroller

By Kevin Lynch, Nicholas Marchuk, Matthew Elwin

Elsevier Science & Technology. Paperback. Book Condition: new. BRAND NEW, Embedded Computing and Mechatronics with the PIC32 Microcontroller, Kevin Lynch, Nicholas Marchuk, Matthew Elwin, For the first time in a single reference, this book provides the beginner with a coherent and logical introduction to the hardware and software of the PIC32, bringing together key material from the PIC32 Reference Manual, Data Sheets, XC32 C Compiler User's Guide, Assembler and Linker Guide, MIPS32 CPU manuals, and Harmony documentation. This book also trains you to use the Microchip documentation, allowing better life-long learning of the PIC32. The philosophy is to get you started quickly, but to emphasize fundamentals and to eliminate "magic steps" that prevent a deep understanding of how the software you write connects to the hardware. Applications focus on mechatronics: microcontrollercontrolled electromechanical systems incorporating sensors and actuators. To support a learn-by-doing approach, you can follow the examples throughout the book using the sample code and your PIC32 development board. The exercises at the end of each chapter help you put your new skills to practice. Coverage includes: * A practical introduction to the C programming language* Getting up and running quickly with the PIC32* An exploration of the hardware architecture...



Reviews

I actually began looking at this pdf. It is actually rally interesting through reading time period. You will not really feel monotony at at any time of your respective time (that's what catalogues are for concerning if you ask me).

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A superior quality publication along with the font used was fascinating to learn. I have read through and i also am certain that i am going to going to go through yet again again in the future. Your life period will likely be enhance the instant you total reading this publication.

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