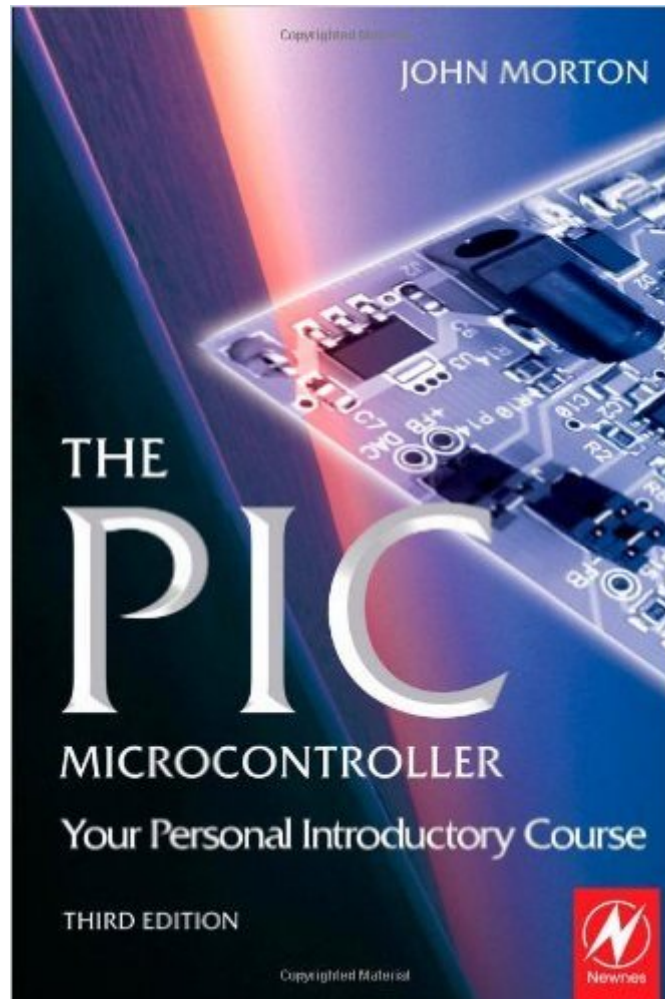


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The PIC Microcontroller: Your Personal Introductory Course



Synopsis

John Morton offers a uniquely concise and practical guide to getting up and running with the PIC Microcontroller. The PIC is one of the most popular of the microcontrollers that are transforming electronic project work and product design, and this book is the ideal introduction for students, teachers, technicians and electronics enthusiasts. Assuming no prior knowledge of microcontrollers and introducing the PIC Microcontroller's capabilities through simple projects, this book is ideal for electronics hobbyists, students, school pupils and technicians. The step-by-step explanations and the useful projects make it ideal for student and pupil self-study: this is not just a reference book - you start work with the PIC microcontroller straight away. The revised third edition focuses entirely on the re-programmable flash PIC microcontrollers such as the PIC16F54, PIC16F84 and the extraordinary 8-pin PIC12F508 and PIC12F675 devices.* Demystifies the leading microcontroller for students, engineers and hobbyists* Emphasis on putting the PIC to work, not theoretical microelectronics * Simple programs and circuits introduce key features and commands through project work

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Customer Reviews

I don't think this is a good intro book. The book is a bit disorganized. For example in one of the exercises you are asked to diagram how you would connect LED to the microcontroller, but now where did they discuss how to diagram. So the exercises aren't related to the topic you just read. There are other intro books that will use one microcontroller, one compiler, etc.. throughout the book so that you can follow along, with the understanding that there are other tools available but that will you will learn will cover 90% of what you need to know to use other brands. This book doesn't do that, the author seems hesitant to recommend anything so it can get vague if you are trying to follow the text and are using something different than what the author is using. The book is not bad, and it's better suited to an advanced beginner or intermediate, rather than a true beginner. Here is an example of where an issue may arise with a beginner. In the section "write your first program". You are told that you will be writing a simple 3 line program as follows: `Start call Init ;Main bsf porta,0 ; turn led on goto Main ; loops back` You are then told to save the program and then assemble it. Once you assemble it you will end up with errors. If this was truly your first program you may be wondering why it didn't work. Why you keep getting the error when everything you wrote is correct. The chapter failed to inform you that it will not assemble correctly because you don't have your declarations nor do you have any look up files. So if you're a beginner you may find yourself stuck here for a long time until someone tells you where to get a look-up file, so that the assembler will work.

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