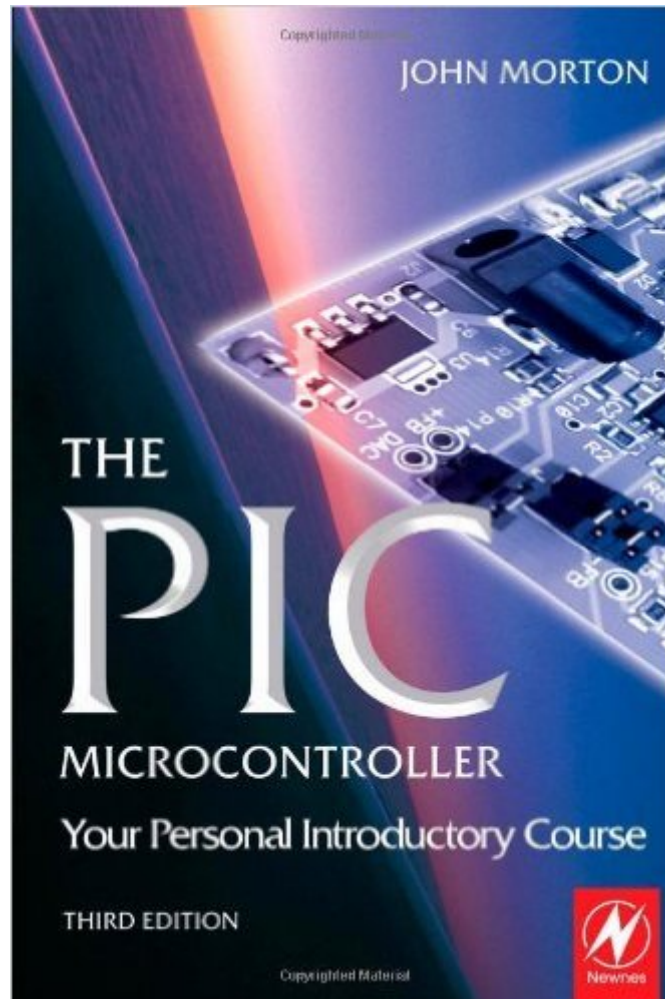# The PIC Microcontroller: Your Personal Introductory Course

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 an hobbyists* Emphasis on putting the PIC to work, not theoretical microelectronics * Simple programs and circuits introduce key features and commands through project work

Book Information

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Design

Customer Reviews

I dont think this is a good intro book. The book is a bit disorganized. .For example in one of the excercise you are asked to diagram how you would connect Led to the microcontroller, but now where did they discus how to diagram. So the excercises arent 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 doesnt do that, the author seems hesitant to recomend anything so it can get vagues if you are trying to follow the text and are using something different then what the author is using. The book is not bad, and it better suited to an advance 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". Your are told that you will be writting a simple 3 line program as follows:Start call Init ;Main bsf porta,0 ; turn led ongoto Main ; loops backYou 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 not do you have any look up files. So if your a beginner you may find yourself stuck here for a long time until some one tell you where to get a look-up file, so that the assembler will work.

The PIC Microcontroller: Your Personal Introductory Course, Third Edition The PIC Microcontroller: Your Personal Introductory Course PIC Microcontroller Project Book : For PIC Basic and PIC Basic Pro Compliers Advanced PIC Microcontroller Projects in C: From USB to RTOS with the PIC 18F Series PIC'n Techniques, PIC Microcontroller Applications Guide Serial PIC'n : PIC Microcontroller Serial Communications Automatic On/Off Control of Small Motors & Other Home Appliances Using PIC 18F4680 Microcontroller -- A Circuit Diagram & PIC Program Code PIC Microcontroller and Embedded Systems: Using Assembly and C for PIC18 PIC Microcontroller PIC Microcontroller Projects in C, Second Edition: Basic to Advanced Making PIC Microcontroller Instruments and Controllers Programming and Customizing the PIC Microcontroller (Tab Electronics) 123 PIC Microcontroller Experiments for the Evil Genius Beginner's Guide To Embedded C Programming: Using The Pic Microcontroller And The Hitech Picc-Lite C Compiler PIC Microcontroller: An

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