

## !!\*PIC Programming

!PIC Your Personal Introductory Course by John Morton<br> ISBN 0 7506 5038 9<br> Purchased from [Amazon|<http://www.amazon.com>] @ £14.99<br>

This is an introductory book for the beginner. It commences with fairly simple problems using the less complicated versions of the [Microchip|<http://www.microchip.com>] PICs. It progresses through to version of PIC having [EEPROMs] and A/D converters. I think that this is a good book to learn [assembler] programming for use with PICs. However I confess to not having read any other introductory book on the subject!<br>

Unfortunately the book does not cover some of the instruction set of the [PIC18F452]. This could of course be supplemented by downloads from Microchip. <br>

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<br> !Embedded Design with the PIC18F452 Microcontroller by John B. Peatman<br> ISBN 0 13 046213-6<br> Purchased from [Amazon|<http://www.amazon.com>] @ £35.99<br>

As you can see above this is not a cheap book. However, as I progress with trying to understand [MIOS] I am finding that I refer to it more and more. As you can see from its title, it is written specifically for the [PIC18F452] that is the current [microprocessor] used in MIOS. <br><br> The main advantage of this book is that it covers in detail the following topics relating to the [PIC18F452] under the chapter headings:<br>

- CPU Architecture<br> - Instruction Set<br> - LCD Displays<br> - Interrupts and Interrupt Timing<br> - Analog to Digital Conversion<br> - I/O Pin Considerations<br> - Serial Interfacing<br>

This is not a beginners book! A beginner will need a gentler introduction such as the first book

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