PIC Programming

PIC Your Personal Introductory Course

by John Morton
ISBN 0 7506 5038 9
Purchased from [Amazon|http://www.amazon.com] @ £14.99

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!

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

Embedded Design with the PIC18F452 Microcontroller

by John B. Peatman
ISBN 0 13 046213-6
Purchased from [Amazon|http://www.amazon.com] @ £35.99

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.

The main advantage of this book is that it covers in detail the following topics relating to the [PIC18F452] under the chapter headings:
- CPU Architecture
- Instruction Set
- LCD Displays
- Interrupts and Interrupt Timing
- Analog to Digital Conversion
- I/O Pin Considerations
- Serial Interfacing

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

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