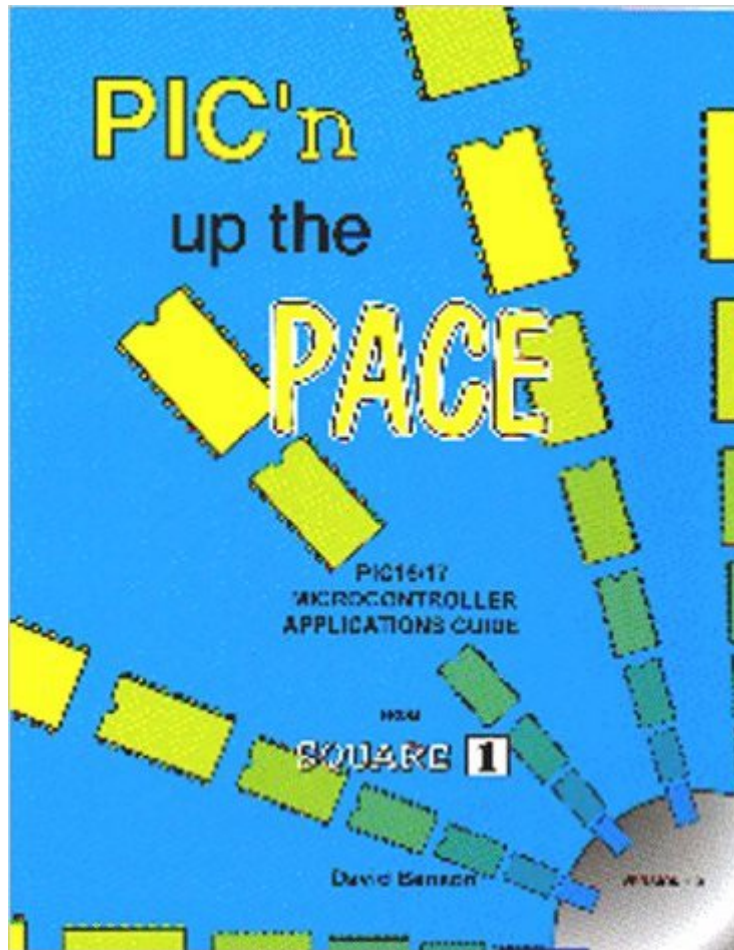


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# Pick'n Up The Pace -- Microcontroller Application Guide (for Intermediate Users)



## Synopsis

"PIC'n Up The Pace" is an intermediate level applications guide covering Microchip Technology's PIC Microcontrollers. Serial communication as a means of transferring data between PIC's and peripheral chips and also between two or more PIC's is described. Use of the 93C46 serial EEPROM is detailed as an example. Since we live in an analog world, A/D and D/A are discussed with several methods illustrated for each. Conditioning signals from sensors with an analog voltage output is described. Interfacing PIC controlled systems with humans requires some math, binary to decimal conversion and vice versa, alphanumeric LCD interfacing and scanning keypads. Single wire serial communication with a PIC-controlled LCD module which can be built by the reader is included. A digital thermometer example projects brings these topics together as an example. Finally, PIC16C84/PIC16F84 data EEPROM memory, program memory paging and locating tables in program memory are discussed. "PIC'n Up The Pace" gives the reader the tools to design and build intermediate microcontroller-based instrumentation and systems.

## Book Information

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## Customer Reviews

Having bought all the (four) available PIC books on the market, I eventually found myself continually referring back to this one. It is put together in a clean simple way and doesn't blind you with (confusing) science. If you can only afford to get ONE book for PIC's then I'd recommend this one first. Thats my 2 cents.

This book is not for novices. It assumes that you have a working knowledge of PICs and their basic operations. This book does include many examples of things people want to do with PICs: LCD

driver, serial communications, etc. The type is easy to read and is setup like an experimenter's handbook. From that standpoint it is a decent book. Still advanced users would probably want one of 's other PIC offerings. Those books probably have a better presentation of advanced PIC theory and practice. If you are a novice you would be better served to buy one of the beginner books.

This is a great book for those who have very basic experience with PIC programming or have read "Easy Pic'N". The book is short but you'll learn fast (the author has good sense of humor).

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