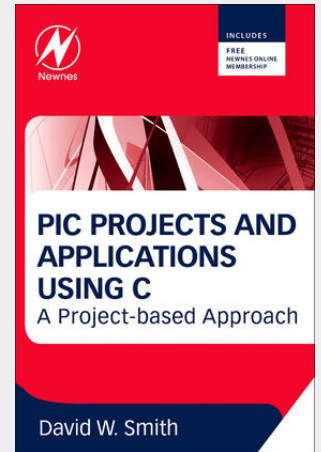


Smith

## PIC Projects and Applications Using C

A Project-Based Approach

PIC Projects and Applications Using C details how to program the PIC microcontroller in the C language. The book takes a learn-by-doing approach, with applications covering topics such as inputs, outputs, keypads, alphanumeric displays, analogue-to-digital conversion, radio transmitters and receivers, data EEPROM, interrupts and timing. To aid debugging, the book provides a section detailing the use of the simulator and in-circuit debugger. With this book you will learn: - How to program the PIC microcontroller in C - Techniques for using the simulator and debuggers to find faults on your code - The ins and outs of interfacing circuits, such as radio modules and liquid crystal displays - How to use the PIC on-board functions, such as interrupts and timing modules, and make analogue measurements



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