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Título: Pic Microcontroller And Embedded Systems

Autor: Ali Mazidi Muhammad/ Mckinlay Rolin/ Causey

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Sinopsis

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Offers a systematic approach to PIC programming and interfacing using Assembly and C languages. Offering numerous examples and a step-by-step approach, it covers both the Assembly and C programming languages and devotes separate chapters to interfacing with peripherals such as Timers, LCD, Serial Ports, Interrupts, Motors and more. A unique chapter on hardware design of the PIC system and the PIC trainer round out coverage. Systematic coverage of the PIC18 family of Microcontrollers. Assembly language and C language programming and interfacing techniques. Thorough coverage of Architectures and Assembly language programming of the PIC18. Thorough coverage of C language programming of the PIC18. Separate chapters on programming and interfacing the PIC with peripherals - Includes information on how to interface the PIC with LCD, keyboard, ADC, DAC, Sensors, Serial Ports, Timers, DC and Stepper Motors, Optoisolators, and RTC. Covers how to program each peripheral, first using the Assembly language and then using the C language. Those involved with PIC programming and interfacing using Assembly and C languages.