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## PIC Microcontroller: An Introduction to Software and Hardware Interfacing

By Han-Way Huang, Leo Chartrand

Cengage Learning, Inc. Mixed media product. Book Condition: new. BRAND NEW, PIC Microcontroller: An Introduction to Software and Hardware Interfacing, Han-Way Huang, Leo Chartrand, This book presents a thorough introduction to the Microchip PIC(R) microcontroller family, including all of the PIC programming and interfacing for all the peripheral functions. A step-by-step approach to PIC assembly language programming is presented, with tutorials that demonstrate how to use such inherent development tools such as the Integrated Development Environment MPLAB, PIC18 C compiler, the ICD2 in-circuit debugger, and several demo boards. Comprehensive coverage spans the topics of interrupts, timer functions, parallel I/O ports, various serial communications such as USART, SPI, I2C, CAN, A/D converters, and external memory expansion.



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