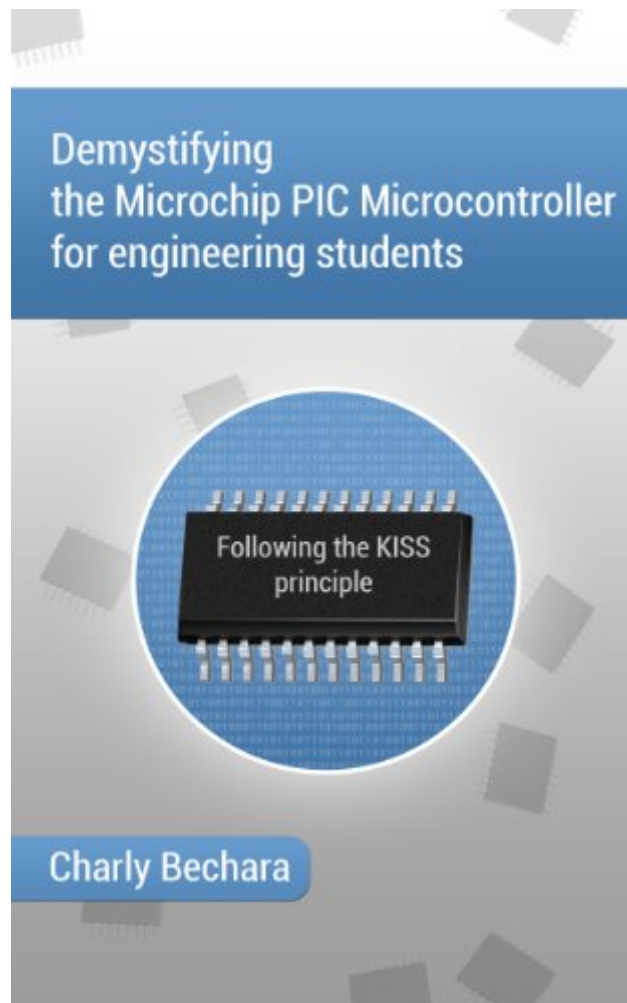# Demystifying The Microchip PIC Microcontroller For Engineering Students: Following The KISS Principle

## Synopsis

If you're an engineering student or electronics hobbyist who wants to know the secrets of building microcontroller-based electronics projects, and programming the Microchip PIC16F877A in assembly, then you're about to discover how to design easily your next embedded systems project right now following the KISS principle! This new Ebook by Dr Charly Bechara will teach you through simple real-world experiments how to interface the largest number of HW peripherals found in many mechatronics projects such as the LCD, keypad, temperature/optical/infrared sensors, DC motor, EEPROM, etc... Furthermore, you will learn how to let the PIC16F877A communicate through several protocols such as USART, SPI, I2C and Infrared. These experiments will demystify ALL the internal resources of the PIC16F877A such as the Timers, A/D converter, CCP, MSSP, USART, and much more. ALL the assembly software routines in this ebook are ready to be used in your next microcontroller-based electronics project and are given to you for FREE.

## Book Information

File Size: 15592 KB

Publisher: Charly Bechara (March 20, 2014)

Publication Date: March 20, 2014

Sold by: Â  Digital Services LLC

Language: English

ASIN: B00J5RO9IS

Text-to-Speech:  Enabled

X-Ray:     Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting:  Not Enabled

Best Sellers Rank: #995,812 Paid in Kindle Store (See Top 100 Paid in Kindle Store)   #47 inÂ Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > PIC Microcontroller   #211 inÂ Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits   #1464 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits

Demystifying The Microchip PIC Microcontroller For Engineering Students: Following The KISS Principle PIC Microcontroller Project Book : For PIC Basic and PIC Basic Pro Compliers

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