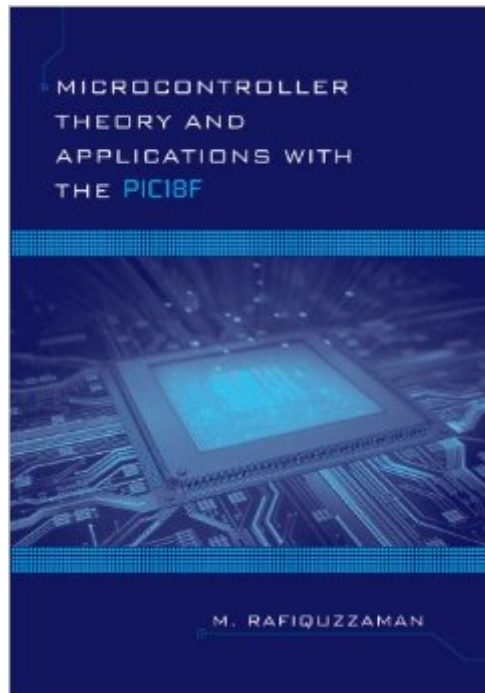


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# Microcontroller Theory And Applications With The PIC18F



## Synopsis

Rafiquzzaman's Microcontroller Theory and Applications with the PIC 18F has been designed for a one-semester or one-quarter course in microcontrollers taught at the undergraduate level in electrical/computer engineering and computer science departments. The students are expected to have a background in C language and digital logic (both combinational and sequential) design. Practitioners of microcontroller-based applications will find more simplified explanations, together with examples and comparisons considerations, than are found in manufacturers' manuals.

## Book Information

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## Customer Reviews

This is a great book (especially if you attend the school where the author teaches and everyone teaches from this book). It is easy to follow and understand. There are step by step tutorials for using MPLAB IDE and programming the PIC18F in the back and an instruction set with helpful examples. The tutorials are fool proof, however they refer to MPLAB IDE v.8 so if you have the MPLAB X IDE (compatible for Macs), it is pretty different.

This book was a great learning tool for me to use with my PIC18F4321. The book starts out talking about basic microcontroller theory and then gets in to the PIC18F family of devices. My favorite part of this book was the index page that included all the instruction for the PIC18F family of devices. The page was very handy when I was writing programs for my PIC18F4321. Another great aspect about the book, is the author covers assembly and C language programming equally. That way you

learn both languages if you get a job in that industry. The book takes you step by step in learning how a microcontroller works and how each instruction works. This text book was easy to understand, and I recommend it for anyone who want to learn to learn about microcontrollers.

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