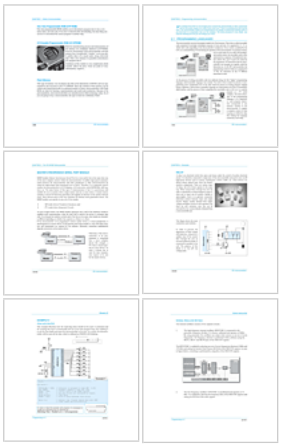
MikroElektronika
DEVELOPMENT TOOLS | COMPILERS | BOOKS

Book: PIC Microcontrollers - Programming in C



Book Overview

What are microcontrollers, anyway? Electronics built into one single chip capable of controlling a small submarine, a crane, an elevator… It's up to you to decide what you want them to do and dump a program with the appropriate instructions into the chip. You're probably wondering what you need for it? Just a PC, a program for compiling and a simple device to transfer your code from the PC to the chip itself. Is it complicated? Absolutely not!

Note: The book that you can order is written in English language!

Title: PIC Microcontrollers - Programming in C

Author: Milan Verle

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- Chapter 3: PIC16F887 Microcontroller
- Chapter 4: Examples
- Appendix A: It is Time for Fun

Español

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Reader reviews

"One the best books that explain Microcontroller in amazing approach" by *Agbawi ,Mohammed A.*

"One the best books that explain Microcontroller in amazing approach, it is really valuable for beginners to study and expert as reference. I like the new approach of 3D illustration pics which is really look nice and so attractive for illustration. Keep going..."

"This book is excellent and is a very practical way of taking theory" by *Vaughn Martin*

"This book is excellent and is a very practical way of taking theory and showing how it is useful when put to practice in many really great applications. The colors are wonderful and the illustration is about the best I have ever seen in nay technical book. I teach technical writing at a major university so I ought to know."

"An excellent book for beginners" by *Matthew Richardson*

"For a begginer on PIC C programming like me, this is really an excellent book. It teaches basics of microcontrollers, C language programming, helping the reader to create an entire program (step-by-step). Also, the reader can understand the PIC architecture and learn how use a mikroC PRO for PIC compiler. Finally, the reader can create numerous projects using microcontrollers. I recommend this book to anyone who is thinking to get into world of microcontrollers and embedded programming."

"A very good book for beginner learning" by *Mike Lawson*

"A very good handbook for beginner learning of PIC microcontroller programming. This book is based on mikroC PRO for PIC complier, a step-by-step guide for programming PIC in C to project planning."

Disclaimer

MIKROE-410 | **Book: PIC Microcontrollers - Programming in C**

Programming PIC Microcontrollers: PIC microcontrollers are a very useful and versatile tool for use in many electronic projects. They are very inexpensive and easy to find. They are also very powerful and many are capable of speeds up to 64 MIPS using the internal oscillator block...Â Before doing any programming the first step is to build the hardware. Although the PIC18F portfolio is very large, many of the chips have several commonalities. For more detailed information see the "Guidelines for Getting Started with PIC18Fxxxx Microcontrollers" section in your devices datasheet. For detailed pin-outs of the PIC microcontroller see the "Pin Diagram" section in your devices datasheet. Note: VDD = Positive Voltage and VSS = Ground. Connect the MCLR pin through a 1kÎ© resistor to VDD.