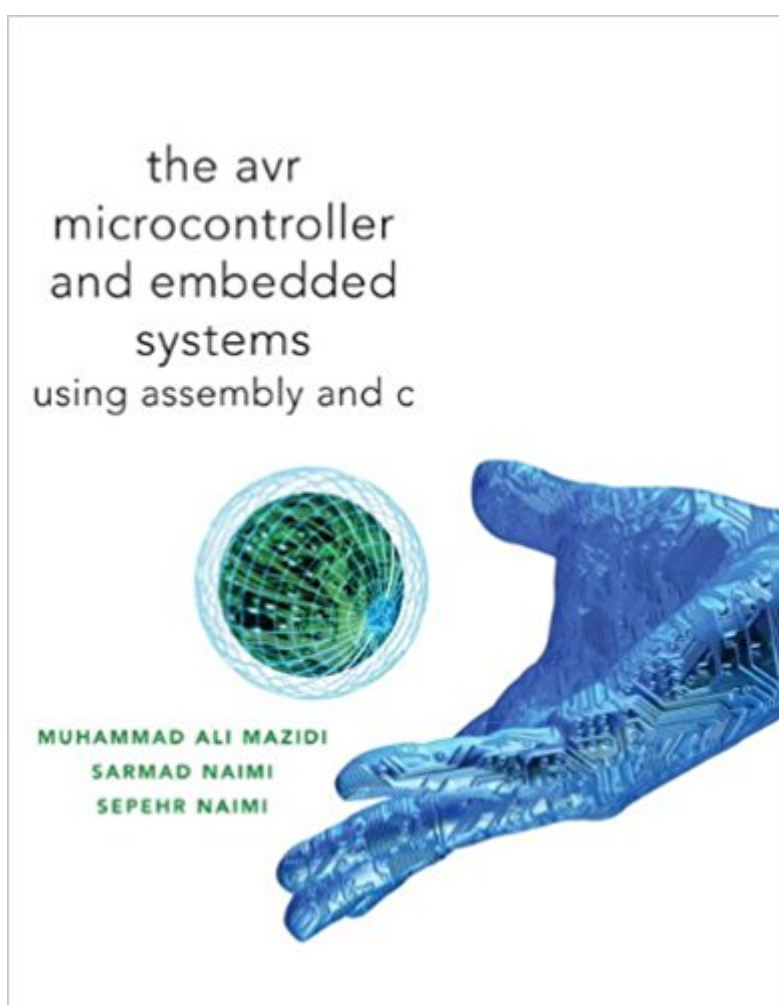The book was found

AVR Microcontroller And Embedded Systems: Using Assembly And C (Pearson Custom Electronics Technology)

Synopsis

The AVR Microcontroller and Embedded Systems: Using Assembly and C features a step-by-step approach in covering both Assembly and C language programming of the AVR family of Microcontrollers. It offers a systematic approach in programming and interfacing of the AVR with LCD, keyboard, ADC, DAC, Sensors, Serial Ports, Timers, DC and Stepper Motors, Opto-isolators, and RTC. Both Assembly and C languages are used in all the peripherals programming. In the first 6 chapters, Assembly language is used to cover the AVR architecture and starting with chapter 7, both Assembly and C languages are used to show the peripherals programming and interfacing.Â Â

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""The AVR Microcontroller and Embedded Systems: Using Assembly and C" "features a step-by-step approach in covering both Assembly and C language programming of the AVR family of Microcontrollers. It offers a systematic approach in programming and interfacing of the AVR with LCD, keyboard, ADC, DAC, Sensors, Serial Ports, Timers, DC and Stepper Motors, Opto-isolators, and RTC. Both Assembly and C languages are used in all the peripherals programming. In the first 6 chapters, Assembly language is used to cover the AVR architecture and starting with chapter 7, both Assembly and C languages are used to show the peripherals programming and interfacing.

I will start of by saying that out of all the text books I have come across this is by far one of the best.I need this book for part of an engineering degree, focused on the AVR micro-controller. Coming form a programing degree I found this book very good, clear and it is filled with useful examples.One thing i loved about the book is that it was written in a way that it can be used by people with little experience with programing, or anyone who is new to Assembly and embedded systems programing.I loved the introductory chapters as they gave you are feel and solid back round in AVR and computing.One more note that I found very important was the fact that as the examples got more complicated they often had both C and assembly side by side which helps give a better perspective of what you are doing.5 stars. :-PAVR Microcontroller and Embedded Systems: Using Assembly and C (Pearson Custom Electronics Technology)

good

very good book, highly recommended to anyone looking to get into mcu programming. lots of examples, very easy to read. if you have no experience, then i will recommend this book. if you have some experience, then i would look elsewhere.

Help me through college. Excellent book.

A very useful book for all the technical bits.

I am new to assembly language but reading this book has helped a lot. Its really easy to read. I defiantly recommend this book.

The book itself has many calculation errors so beware on that. Learning with this book may be a pain but it gets the job done.

The book is for beginners who want to learn how to use the AVR micro controller and program it with Assembly and C languages (The book assumes that the reader has previous knowledge of the C Programming Language). The book covers the features of the AVR microcontroller and explains them in a very simple way. The book has useful AVR circuits that interface with the basic electronic components (LEDs, Push Buttons, LCD, etc..). I recommend this book for people who are hobbyists or undergraduate electronic engineers want to start to learn about the AVR

microcontroller and I also recommend this book as a reference for advance AVR microcontroller users.

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