8051 Microcontroller and Embedded Systems, The

Muhammad Ali Mazidi, Janice Mazidi, Janice Gillispie Mazidi
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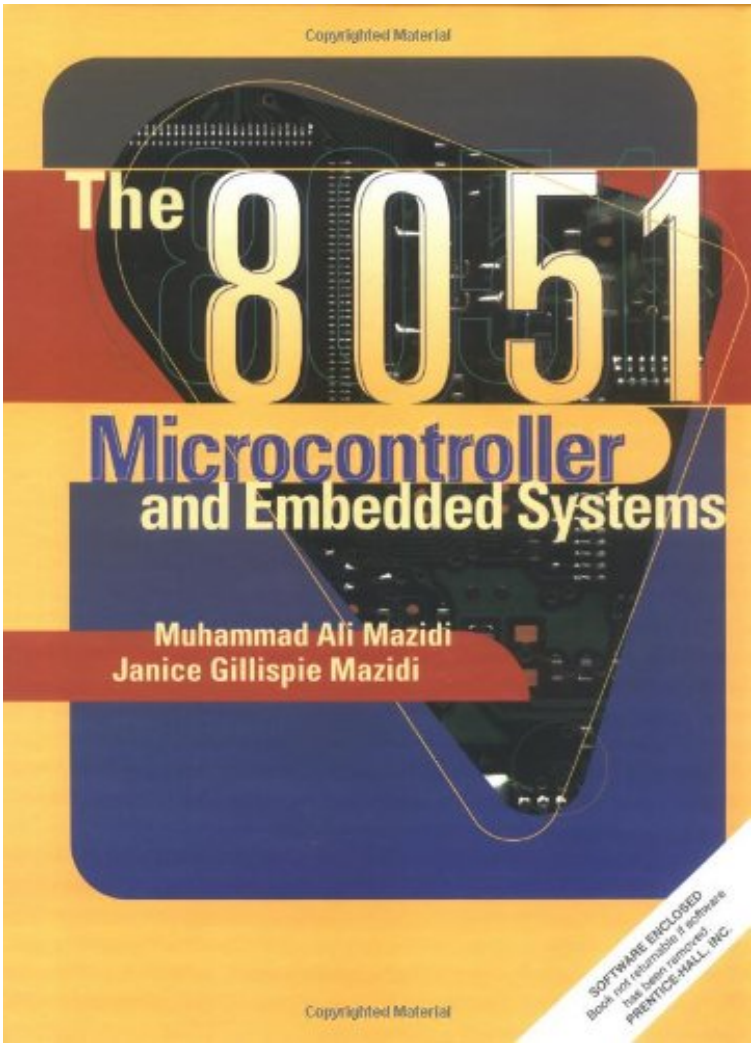

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Muhammad Ali Mazidi, Janice Mazidi, Janice Gillispie Mazidi : 8051 Microcontroller and Embedded Systems, The before purchasing it in order to gage whether or not it would be worth my time, and all praised 8051 Microcontroller and Embedded Systems, The:

0 of 0 people found the following review helpful. A good introduction to 8051 family microcontrollersBy Edward Carroll8051... Isn't that obsolete?The chip is, but the core is in hundreds of chips and more keep coming. This is a good introduction to the family and brings you up to speed. It has notably good reference appendices of the instruction set and special function registers. Program structure and design is covered for C and assembly. Some of the small chips in the family have only 1k of memory and for those applications assembly is a fit.This book, a search on the net for a list of 8051 family chips and the data sheet for your specific chip, along with the free software that the suppliers

now provide should get you going.0 of 0 people found the following review helpful. Five StarsBy Joshua Miles SharpeGood read and a lot more information than we used in class.1 of 1 people found the following review helpful. Four StarsBy J GabrielVery good, just keep in mind that there are some mistakes, like miss spells, and some outdated information.

This book uses a step-by-step approach to teach the fundamentals of assembly language programming and interfacing of the 8051 microcontroller. Simple, concise examples are utilized to show what action each instruction performs, then a sample is provided to show its application. For anyone interested in learning about the 8051 microcontroller.

About the AuthorMuhammad Ali Mazidi went to Tabriz University and holds Masters degrees from both Southern Methodist University and the University of Texas at Dallas. He is currently a.b.d. on his Ph.D. in the Electrical Engineering Department of Southern Methodist University. He is co-author of a widely used textbook, The 80x86 IBM PC and Compatible Computers, also available from Prentice Hall. He teaches microprocessor-based system design at DeVry University in Dallas, Texas. Janice Gillispie Mazidi has a Master of Science degree in Computer Science from the University of North Texas. She has several years of experience as a software engineer in Dallas. She has been chief technical writer and production manager, and was responsible for software development and testing of a widely used textbook, The 80x86 IBM PC and Compatible Computers, also available from Prentice Hall. Rolin McKinlay has a BSEET from DeVry University. He is currently working on his Masters degree and PE license in the state of Texas. He is currently self-employed as a programmer and circuit board designer, and is a partner in MicroDigitalEd.com.