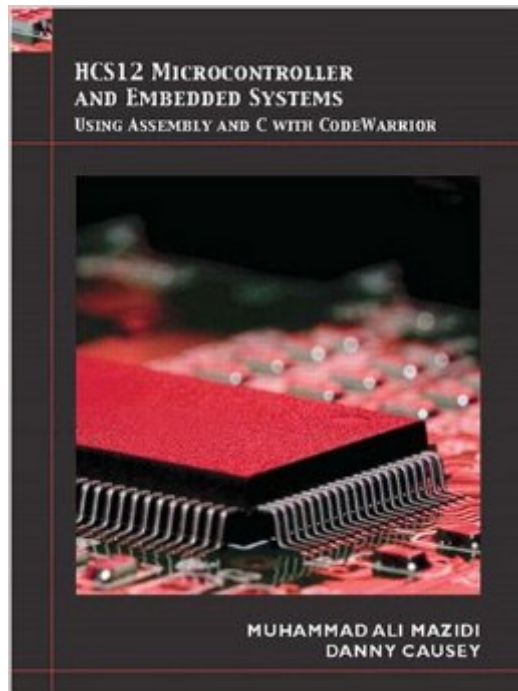The book was found

HCS12 Microcontrollers And Embedded Systems

Synopsis

HCS12 Microcontroller and Embedded Systems: Using Assembly and C with CodeWarrior, 1e features a systematic, step-by-step approach to covering various aspects of HCS12 C and Assembly language programming and interfacing. The text features several examples and sample programs that provide students with opportunities to learn by doing. Review questions are provided at the end of each section to reinforce the main points of the section. Students not only develop a strong foundation of Assembly language programming, they develop a comprehensive understanding of HCS12 interfacing. In doing so, they develop the knowledge background they need to understand the design and interfacing of microcontroller-based embedded systems. This book can also be used by practicing technicians, hardware engineers, computer scientists, and hobbyists. It is an ideal source for those wanting to move away from 68HC11 to a more powerful chip.

Book Information

Hardcover: 752 pages

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Average Customer Review: 4.8 out of 5 starsÂ Â See all reviewsÂ (8 customer reviews)

Best Sellers Rank: #538,312 in Books (See Top 100 in Books)   #58 inÂ Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > Embedded Systems   #59 inÂ Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > Microprocessor Design   #1075 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics

Customer Reviews

I used this textbook in my college level microcontroller course. The book is easy to understand and covers key areas like: ADC/DAC, Timers, serial port programming, ALU, LCD and keyboard interfacing. I like that chapter review questions are organized according to the sub-chapter they are in. The book also includes a chapter 0 for anyone that needs to refresh their knowledge on basic computing knowledge like logical operations or converting numbers between decimal and

hexadecimal.

Had to buy this for my Introduction to Microcontrollers class and I gotta say it isn't bad. Not bad at all. Gives a general introduction to the workings of microcontrollers using the HCS12, explaining how registers work, how to properly use memory and more. It starts out with some simple loading instructions and addition using Assembly and goes on to data serialization, DAC, timers and more. Paired with a Dragon 12+ development board, you can't go wrong.

Well written and easy to understand. This was purchased as a textbook for a college level course. What was missing from the lecture was easily found in the textbook. Well worth the investment.

Great book. I borrowed the book first then had to purchase it. The authors are amazing with how they basically walk you through step-by-step and help you to put labs together.

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