



MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition

By Han-Uei Huang, Leo Chartrand

Download now

Read Online 

MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition By Han-Uei Huang, Leo Chartrand

The new, second edition of this comprehensive book on the 68HC11 microcontroller from Motorola is unique in that it uses both the assembly language (for better hardware control and execution time) and the C language (for faster projection completion) to instruct readers in the basics of interface programming. Now featuring greater numbers of exercises in every chapter - plus new tutorials on the EVB and CMD11-A8 demo boards and use of the C compiler - this edition of MC68HC11-An Introduction utilizes a methodical, step-by-step approach to facilitate learning. Numerous examples are also featured throughout the book to ensure complete understanding of topics, such as: assembly language programming, I/O interface programming in C, memory interfacing, interrupt and rest processing, parallel I/O interfacing, serial communication port, SPI interfacing, and data acquisition. And an all-new chapter serves as a C programming refresher course, while the incorporation of flowcharts and/or algorithmic procedures for most programs aids in the reader in acquiring an overall understanding of program logic. Improved coverage of multi-precision division, updated LCD interfacing examples, discussion of the i8225 interfacing chip, plus detailed coverage of humidity and sensor signal processing is also featured in this edition.

 [Download MC68HC11: An Introduction - Software and Hardware ...pdf](#)

 [Read Online MC68HC11: An Introduction - Software and Hardwar ...pdf](#)

MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition

By Han-Uei Huang, Leo Chartrand

MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition By Han-Uei Huang, Leo Chartrand

The new, second edition of this comprehensive book on the 68HC11 microcontroller from Motorola is unique in that it uses both the assembly language (for better hardware control and execution time) and the C language (for faster projection completion) to instruct readers in the basics of interface programming. Now featuring greater numbers of exercises in every chapter - plus new tutorials on the EVB and CMD11-A8 demo boards and use of the C compiler - this edition of MC68HC11-An Introduction utilizes a methodical, step-by-step approach to facilitate learning. Numerous examples are also featured throughout the book to ensure complete understanding of topics, such as: assembly language programming, I/O interface programming in C, memory interfacing, interrupt and rest processing, parallel I/O interfacing, serial communication port, SPI interfacing, and data acquisition. And an all-new chapter serves as a C programming refresher course, while the incorporation of flowcharts and/or algorithmic procedures for most programs aids in the reader in acquiring an overall understanding of program logic. Improved coverage of multi-precision division, updated LCD interfacing examples, discussion of the i8225 interfacing chip, plus detailed coverage of humidity and sensor signal processing is also featured in this edition.

MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition By Han-Uei Huang, Leo Chartrand **Bibliography**

- Sales Rank: #1138570 in Books
- Published on: 2000-06-01
- Original language: English
- Number of items: 1
- Dimensions: 9.50" h x 8.25" w x 1.25" l, 3.30 pounds
- Binding: Hardcover
- 816 pages

 [Download MC68HC11: An Introduction - Software and Hardware ...pdf](#)

 [Read Online MC68HC11: An Introduction - Software and Hardwar ...pdf](#)

Download and Read Free Online MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition By Han-Uei Huang, Leo Chartrand

Editorial Review

Review

Introduction to Motorola 68HC11, 68HC11 Assembly Programming, Data Structures and Subroutine Calls, C Language Programming, Operation Modes and Memory Expansion, Interrupts and Resets, Parallel I/O Ports, 68HC11 Timer Functions, 68HC11 Serial Communication Interface, 68HC11 Serial Peripheral Interface, Analog-to-Digital Converter, Appendices, References, Index

About the Author

Ph.D., Iowa State University

Mr. Chartrand holds a Bachelor of Science degree in electrical engineering from Queen's university in Kingston Ontario. He has been teaching digital courses for 20 years at Niagara College in Welland , Ontario. Mr. Chartrand has made industry contributions with various designs including interfacing an infrared camera to a PC, creating a digital circuit board used as a PC training system, and designing a control pendant for an air-filled medical bed. He also worked as a plant engineer for General Motors.

Users Review

From reader reviews:

Trey Olivas:

Have you spare time for a day? What do you do when you have far more or little spare time? Yes, you can choose the suitable activity with regard to spend your time. Any person spent all their spare time to take a stroll, shopping, or went to often the Mall. How about open or maybe read a book called MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition? Maybe it is for being best activity for you. You know beside you can spend your time together with your favorite's book, you can smarter than before. Do you agree with their opinion or you have different opinion?

Patricia Oyler:

The guide with title MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition has a lot of information that you can understand it. You can get a lot of profit after read this book. This book exist new expertise the information that exist in this publication represented the condition of the world currently. That is important to yo7u to be aware of how the improvement of the world. This kind of book will bring you inside new era of the globalization. You can read the e-book on your smart phone, so you can read this anywhere you want.

Brenda Lewis:

Do you one of the book lovers? If so, do you ever feeling doubt when you find yourself in the book store? Try to pick one book that you find out the inside because don't ascertain book by its cover may doesn't work

at this point is difficult job because you are scared that the inside maybe not because fantastic as in the outside search likes. Maybe you answer can be MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition why because the great cover that make you consider with regards to the content will not disappoint you actually. The inside or content is usually fantastic as the outside or maybe cover. Your reading sixth sense will directly assist you to pick up this book.

Wilda Baeza:

As a college student exactly feel bored to reading. If their teacher inquired them to go to the library or even make summary for some e-book, they are complained. Just very little students that has reading's soul or real their passion. They just do what the educator want, like asked to go to the library. They go to at this time there but nothing reading critically. Any students feel that reading through is not important, boring and can't see colorful photos on there. Yeah, it is to become complicated. Book is very important in your case. As we know that on this era, many ways to get whatever we want. Likewise word says, ways to reach Chinese's country. Therefore this MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition can make you truly feel more interested to read.

**Download and Read Online MC68HC11: An Introduction -
Software and Hardware Interfacing, 2nd Edition By Han-Uei
Huang, Leo Chartrand #Z1R2NWO3YD4**

Read MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition By Han-Uei Huang, Leo Chartrand for online ebook

MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition By Han-Uei Huang, Leo Chartrand Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition By Han-Uei Huang, Leo Chartrand books to read online.

Online MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition By Han-Uei Huang, Leo Chartrand ebook PDF download

MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition By Han-Uei Huang, Leo Chartrand Doc

MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition By Han-Uei Huang, Leo Chartrand Mobipocket

MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition By Han-Uei Huang, Leo Chartrand EPub

Z1R2NWO3YD4: MC68HC11: An Introduction - Software and Hardware Interfacing, 2nd Edition By Han-Uei Huang, Leo Chartrand