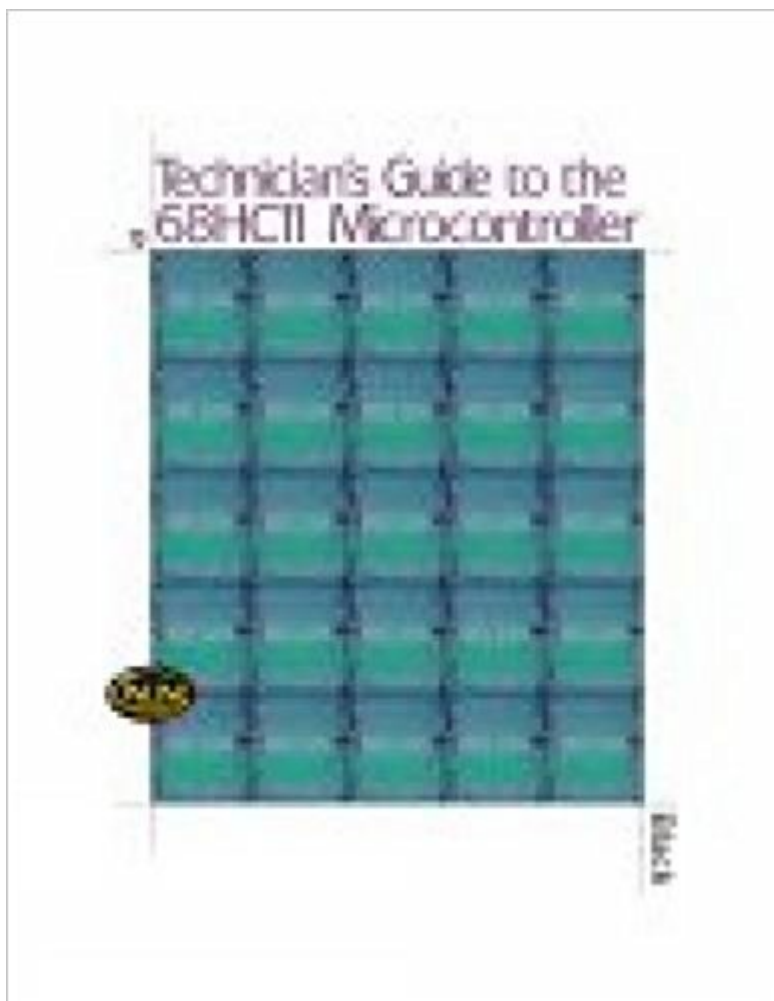The book was found

Technician's Guide To The 68HC11 Microcontroller

Synopsis

Technician's Guide to the 68HC11 Microcontroller is ideal for readers with little or no prior programming experience who want to master the basics of troubleshooting and programming Motorola's 68HC11 microcontroller. Both hardware and software are covered in detail to provide a complete understanding of the principles underlying how a microcontroller works. Theory is supplemented by examples designed to illustrate how concepts may be applied. By learning how to program the 68HC11 at an elementary level, readers also gain valuable experience using manufacturer-specific documentation that prepares them for work with other more sophisticated microcontrollers.

Book Information

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Average Customer Review: 4.2 out of 5 stars   6 customer reviews

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Customer Reviews

1. Introduction To Computer Hardware. 2. Introduction To Computer Software. 3. HC11 Programming. 4. Branching & Loops. 5. Indexing Through Memory. 6. Subroutines. 7. Working With An Assembler. 8. Memory Systems. 9. 68HC11 Interrupts & Reset. 10. General Purpose I/O. 11. Analog Capture - Port E. 12. Timed Events - Port A. 13. Serial Communication - Port D. 14 C Programming and the HC11.

Mr. Chartrand holds a Bachelor of Science degree in electrical engineering from QueenÃ Â¿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.

I have to confess that this book was a bit hard for me to read...and not for any reason that you might think. Out of 8 boxes of books in the back of my truck during a torrential downpour, it was the ONLY one that got wet...and not just damp, but soaked. So...reading it after it dried and wrinkled was a PAIN. But, even in spite of the pain, it was/is a good read.The author (and perhaps editorial staff?) put a LOT of effort into making this book a really useful text. Many of the figures use gray scales and light/dark accents to highlight the relevant elements in the discussion.This is the "manual" that should have been available for purchase when the first M68HC11 parts were rolling off of the production line in the early 90s. Today, it is a challenge to purchase these parts. Likewise, the evaluation boards and tools used in working through the examples in the book are obsolete, no longer in production and/or available only from factory-unsupported or enthusiasts web sites.While the M68HC11 has given way to the M68HC12, which is still available, there are far more functional parts available from both Freescale/Motorola and a number of competitors' products. A typical microcontroller from Microchip, Freescale, Renesas, NXP, Texas Instruments, Atmel and others is likely to have far more on-chip resources and be much more of a single chip solution for a wide-variety of uses than the parts described by this book that require multiple chips for many functions. This is the nature of the industry and not meant to detract from the usefulness of the HC11, but its day is (as is obvious from its lack of availability) in the past.If you happen to be working on an HC11-based project (which prompted the purchase of this book), I highly recommend it. I don't think that there is any corner of the part left untouched by this careful, thoughtful author. I highly recommend this book if you're supporting a legacy product based on the incredibly prolific "Motorola" HC11.

Book was in excellent shape.

Excellent service and nice product!!

This author has a hard time explaining simple topics in this book. I think hes autistic. I feel this book would have been useful decades ago when microcontrollers just came out. Personally, I feel the

HC11 is obsolete in the tech feild since everyone is using the Arduino.

The book is great (price is too high though)., you are describing the wrong author...the other is not Chartrand from Niagara College...but is Dan Black.

Came in good shape. I did buy it used, but there are no markings and wasn't used all that much.

Technician's Guide to the 68HC11 Microcontroller Complete Math Review for the Pharmacy Technician (APhA Pharmacy Technician Training Series) ASE Technician Test Preparation Automotive Maintenance and Light Repair (G1) (Delmar Ase Test Preparataion: Automotive Technician Certification) The Fast Track To Your Technician Class Ham Radio License: Covers all FCC Technician Class Exam Questions July 1, 2014 until June 30, 2018 (Fast Track Ham License Series) The Pharmacy Technician's Pocket Drug Reference (Apha Pharmacy Technician Training) Practical Pharmacology for the Pharmacy Technician (Lww Pharmacy Technician Education) Aviation Maintenance Technician: Powerplant (Aviation Maintenance Technician series) Programming and Customizing the Multicore Propeller Microcontroller: The Official Guide MSP430 Microcontroller Basics AVR Microcontroller and Embedded Systems: Using Assembly and C (Pearson Custom Electronics Technology) PIC Microcontroller: An Introduction to Software & Hardware Interfacing Healthcare Information Technology Exam Guide for CompTIA Healthcare IT Technician and HIT Pro Certifications (Certification & Career - OMG) PTCB Exam Study Guide 2017-2018: Test Prep and Practice Test Questions for the Pharmacy Technician Certification Board Examination PTCB Exam Study Guide: Test Prep Book & Practice Test Questions for the Pharmacy Technician Certification Examination (PTCE) Secrets of the PTCB Exam Study Guide: PTCB Test Review for the Pharmacy Technician Certification Board Examination The Sleep Technician's Pocket Guide Technician's Guide to Programmable Controllers DEWALT HVAC Technician Certification Exam Guide (DEWALT Series) Airframe Test Guide 2015: The "Fast-Track" to Study for and Pass the Aviation Maintenance Technician Knowledge Exam (Fast-Track Test Guides) No-Nonsense Technician Class License Study Guide: for tests given between July 2014 and June 2018

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