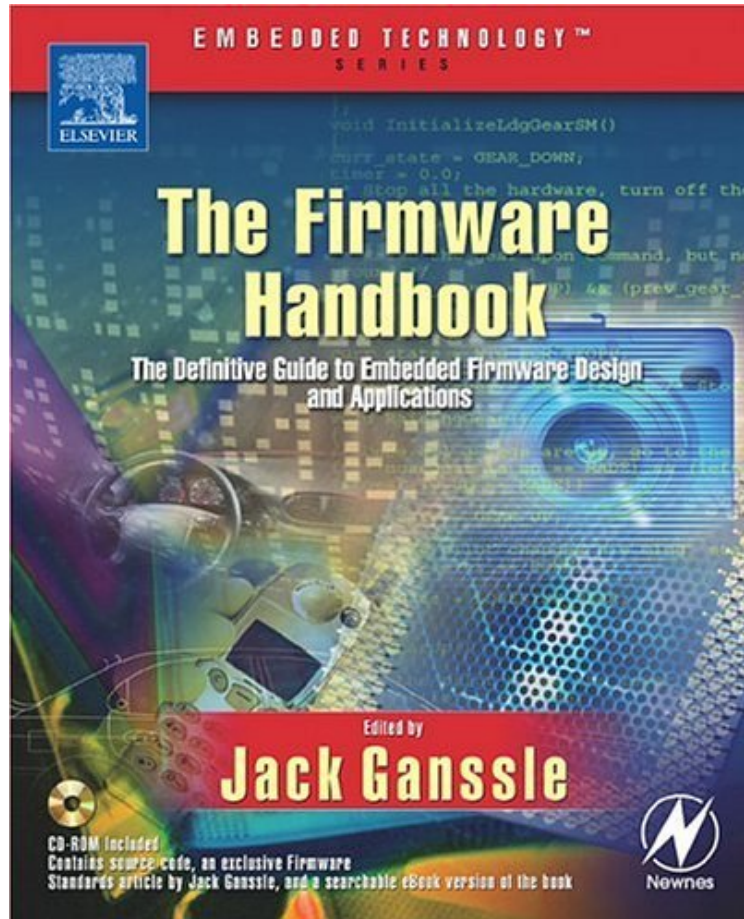


The Firmware Handbook: Embedded Technology

Von Jack Ganssle

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Von Jack Ganssle : The Firmware Handbook: Embedded Technology before purchasing it in order to gage whether or not it would be worth my time, and all praised The Firmware Handbook: Embedded Technology:

KundenrezensionenHilfreichste Kundenrezensionen3 von 4 Kunden fanden die folgende Rezension hilfreich. The Firmware HandbookVon ThomasFirmware-Entwicklung war schon Embedded-Entwicklung, bevor der Begriff Embedded" behaupt geprgt wurde. Das Buch bietet eine flott geschriebene Einfhrung in diese Disziplin, in welcher Hardware und Software so eng verbunden sind wie sonst nirgends. Der Herausgeber hegt gewisse Vorurteile gegenber Analogentwicklern, auf welche er immer wieder ansante Seitenhiebe loslst. Grundlagen der Schaltungsentwicklung, der Softwareentwicklung sowie der Flash-Implementierung machen das Buch zu einer profunden Quelle des Wissens ber Firmwareprogrammierung, das auch allgemein fr Softwareentwickler interessant ist. Besonders bemerkenswert ist das Kapitel ber evolutionre Softwareentwicklung, welches die Brcke von der Firmware zur Anwendung schlt.

KurzbeschreibungThe Firmware Handbookprovides a comprehensive reference for firmware developers looking to increase their skills and productivity. It addresses each critical step of the development process in detail, including how to optimize hardware design for better firmware. Topics covered include real-time issues, interrupts and ISRs, memory management (including Flash memory), handling both digital and analog peripherals, communications interfacing, math subroutines, error handling, design tools, and troubleshooting and debugging. This book is not for the beginner, but rather is an in-depth, comprehensive one-volume reference that addresses all the major issues in firmware design and development, including the pertinent hardware issues.Included CD-Rom contains all the source code used in the design examples, so engineers can easily use it in their own designsPressestimmenThis handbook will be the standard reference in the field, it provides a much-needed comprehensive information source for firmware developers looking to increase their skills and productivity. - EDN Magazine This book is edited by Jack Ganssle and includes contributions from a wide range of writers, making this book very broadly based. Any software graduate reading this book would be taking a step in the right direction for learning about software issues that arise in developing production level embedded software. - Panelsoft.com

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