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# Microprocessors & Systems Design

By M H Hassan

INNOVATE LLC Okt 2008, 2008. Taschenbuch. Book Condition: Neu. 235x191x23 mm. This item is printed on demand - Print on Demand Neuware - This book presents the fundamentals of microprocessors and systems design in an easily understandable approach without the use of unnecessary formalism. It provides a thorough coverage of the 68000 processor architecture, instructions, and applications as well as an introduction to many peripheral interface chips such as DRAM controller, PIA, DMAC, and many others. The main emphasis of the book is practical, providing the necessary detail to enable readers to design actual, working microcomputers systems and interrupt-driven systems. Detailed design examples for a security system, a digital controller, and a digital calculator are provided. It covers hardware and assembly comprehensively in an accessible writing style. It also includes performance objectives and critical thinking questions for every chapter. This textbook is intended for an introductory course in microprocessors and systems for engineering, engineering technology, and computer science students, for self-learning, or as a good reference for engineers and professionals. A complimentary instructors' manual is available as a PDF file upon request. About the Author: Michael H. Hassan holds B.S. in Electrical Engineering, M.S. in Electronics Engineering; and M.S. and...



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