HANDBOOK OF MICROCONTROLLERS

- **Provides practical programming techniques for 8-bit microcontrollers from Amtel, Intel, Motorola, Microchip, & Parallax**
- **Select the right chip every time with quick reference comparison guides**
- **CD-ROM includes complete datasheets and software development tools**

MYKE PREDKO

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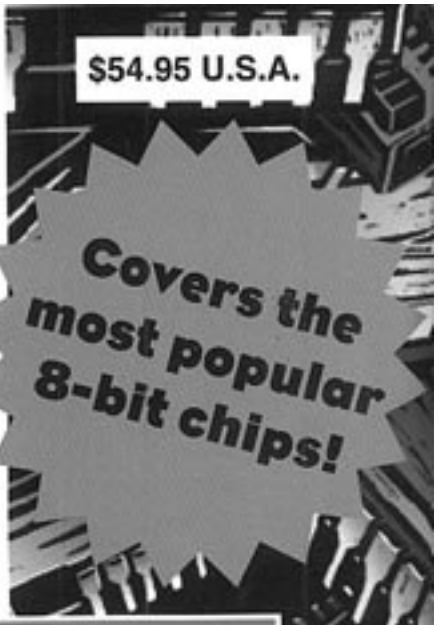
Electronics

Your complete selection and application guide!



Four billion, and counting. That's the number of microcontrollers already shipped in products from toys to satellites. This much-needed reference is the first to cover all the most common types of 8-bit microcontrollers. With its from-the-bottom-up approach, this book/CD-ROM package gives you all the information you need to simplify the job of selecting the right microcontroller and writing your application.

THE HANDBOOK OF MICROCONTROLLERS:

- Introduces all common microcontrollers and explains how they work
- Fully describes each microcontroller's processor architecture
- Gives the instruction set for the built-in processor, with each instruction fully defined
- Clarifies microcontroller features and peripherals
- Shows you common methods of interfacing microcontrollers with peripheral devices and PC hosts
- Provides numerous application examples with source code
- CD-ROM includes the source code for each application and development tools for each microcontroller

From the basics to hands-on applications, projects, and experiments, this book gives both professionals and high-level hobbyists real tools for choosing the right microcontroller and getting the most out of it. With a wealth of comparison charts, software tools, and state-of-the-art information, this reference is one that you'll turn to again and again.

ON THE CD-ROM

- **Application-building tools**
- **Source code examples**
- **Manufacturers' data sheets**

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