



# 8086 Microprocessor: Programming and Interfacing the PC

*By Kenneth Ayala*

Download now

Read Online ➔

## 8086 Microprocessor: Programming and Interfacing the PC By Kenneth Ayala

Intended for the beginning programming student taking the first course on the 8086, a 16-bit microprocessor manufactured by Intel. It serves as a companion text to Ayala's The 8051 Microcontroller: Architecture, Programming, and Applications, 2nd (1997). The text has a software programming emphasis and focuses on assembly language geared to IBM PCs. Digital logic design or basic binary fundamentals are prerequisites, but no prior study of computers or assembly language is necessary.

↓ [Download 8086 Microprocessor: Programming and Interfacing t ...pdf](#)

📄 [Read Online 8086 Microprocessor: Programming and Interfacing ...pdf](#)

# 8086 Microprocessor: Programming and Interfacing the PC

*By Kenneth Ayala*

## 8086 Microprocessor: Programming and Interfacing the PC By Kenneth Ayala

Intended for the beginning programming student taking the first course on the 8086, a 16-bit microprocessor manufactured by Intel. It serves as a companion text to Ayala's The 8051 Microcontroller: Architecture, Programming, and Applications, 2nd (1997). The text has a software programming emphasis and focuses on assembly language geared to IBM PCs. Digital logic design or basic binary fundamentals are prerequisites, but no prior study of computers or assembly language is necessary.

## 8086 Microprocessor: Programming and Interfacing the PC By Kenneth Ayala Bibliography

- Rank: #3970376 in Books
- Published on: 1995-01-01
- Original language: English
- Number of items: 2
- Dimensions: 10.25" h x 8.50" w x 1.25" l, 2.92 pounds
- Binding: Paperback
- 698 pages

 [Download 8086 Microprocessor: Programming and Interfacing t ...pdf](#)

 [Read Online 8086 Microprocessor: Programming and Interfacing ...pdf](#)

## **Download and Read Free Online 8086 Microprocessor: Programming and Interfacing the PC By Kenneth Ayala**

---

### **Editorial Review**

#### **Review**

A Short History of Computing. A Review of Binary arithmetic. The 8086 Family Architecture. Assembly Language programming. A Useful Set of Instructions. Procedures. Operating Systems and System Interrupt Services. Convenient and Specialized Instructions. DOS, Disks, and Files. Interfacing to Standard Computer Ports. Interfacing to the Expansion Bus. Single Board Computers.

#### **About the Author**

Mr. Ayala is a professional engineer and Professor Emeritus at Western Carolina University.

### **Users Review**

#### **From reader reviews:**

##### **Rene Defeo:**

Why don't make it to be your habit? Right now, try to ready your time to do the important act, like looking for your favorite guide and reading a guide. Beside you can solve your long lasting problem; you can add your knowledge by the reserve entitled 8086 Microprocessor: Programming and Interfacing the PC. Try to face the book 8086 Microprocessor: Programming and Interfacing the PC as your friend. It means that it can to be your friend when you feel alone and beside associated with course make you smarter than previously. Yeah, it is very fortunated for you. The book makes you far more confidence because you can know every little thing by the book. So , let me make new experience and knowledge with this book.

##### **Jeffery Herring:**

This 8086 Microprocessor: Programming and Interfacing the PC is fresh way for you who has attention to look for some information because it relief your hunger details. Getting deeper you upon it getting knowledge more you know otherwise you who still having small amount of digest in reading this 8086 Microprocessor: Programming and Interfacing the PC can be the light food for you because the information inside that book is easy to get by means of anyone. These books produce itself in the form and that is reachable by anyone, yep I mean in the e-book form. People who think that in e-book form make them feel sleepy even dizzy this publication is the answer. So there is no in reading a guide especially this one. You can find actually looking for. It should be here for anyone. So , don't miss the item! Just read this e-book kind for your better life along with knowledge.

##### **Christina Pena:**

Do you like reading a publication? Confuse to looking for your preferred book? Or your book was rare? Why so many concern for the book? But just about any people feel that they enjoy for reading. Some people likes reading through, not only science book but additionally novel and 8086 Microprocessor: Programming and Interfacing the PC or even others sources were given understanding for you. After you know how the good a

book, you feel want to read more and more. Science publication was created for teacher or maybe students especially. Those guides are helping them to bring their knowledge. In various other case, beside science reserve, any other book likes 8086 Microprocessor: Programming and Interfacing the PC to make your spare time a lot more colorful. Many types of book like here.

**Gary Ritchie:**

As a college student exactly feel bored in order to reading. If their teacher asked them to go to the library or even make summary for some guide, they are complained. Just small students that has reading's heart or real their pastime. They just do what the trainer want, like asked to the library. They go to at this time there but nothing reading really. Any students feel that studying is not important, boring and can't see colorful pictures on there. Yeah, it is to get complicated. Book is very important for you personally. As we know that on this era, many ways to get whatever we really wish for. Likewise word says, many ways to reach Chinese's country. Therefore , this 8086 Microprocessor: Programming and Interfacing the PC can make you truly feel more interested to read.

**Download and Read Online 8086 Microprocessor: Programming and Interfacing the PC By Kenneth Ayala #NU0I3HFW782**

# **Read 8086 Microprocessor: Programming and Interfacing the PC By Kenneth Ayala for online ebook**

8086 Microprocessor: Programming and Interfacing the PC By Kenneth Ayala 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 8086 Microprocessor: Programming and Interfacing the PC By Kenneth Ayala books to read online.

## **Online 8086 Microprocessor: Programming and Interfacing the PC By Kenneth Ayala ebook PDF download**

**8086 Microprocessor: Programming and Interfacing the PC By Kenneth Ayala Doc**

**8086 Microprocessor: Programming and Interfacing the PC By Kenneth Ayala Mobipocket**

**8086 Microprocessor: Programming and Interfacing the PC By Kenneth Ayala EPub**

**NU0I3HFW782: 8086 Microprocessor: Programming and Interfacing the PC By Kenneth Ayala**