
Intel 8080 8085 Assembly Language Programming

Assembly Language for Intel-based Computers

Microprocessor Architecture, Programming, and Applications with the 8085
6502 Assembly Language Programming

The 8080, 8085, and Z-80 Programming, Interfacing, and Troubleshooting

8080/8085 Assembly Language Subroutines

Languages and Operating Systems

The 8085 Microprocessor: Architecture, Programming and Interfacing: Architecture,
Programming and Interfacing

A Macro Package for Structured Programming in Intel 8080/8085 Assembly Language

Zen of Assembly Language: Knowledge

Attribute Grammars

8080/8085 assembly language programming

Microcomputers and Microprocessors

The 8080, 8085, and Z-80 : Programming, Interfacing, and Troubleshooting
C, Assembly, and Program Execution on Intel® 64 Architecture

8080/8085 Assembly Language Programming

8085 Microprocessor Programs

Computer Organization and Assembly Language Programming

Computer Books and Serials in Print

INTEL

CP/M Assembly Language Programming

8080/8085 Assembly Language Programming Manual

8080A/8085 Assembly Language Programming

ARCHITECTURE, PROGRAMMING AND SYSTEM DESIGN 8085, 8086, 8051, 8096

The 8080/8085 Microprocessor Book

Microcomputers and Microprocessors

A Comprehensive Guide to 8, 16 & 32 Bit Hardware, Assembly Language & Computer Architecture

8086/8088, 80186/80188, 80286, 80386, 80486, Pentium, Pentium Pro Processor, Pentium II, Pentium III, Pentium 4, and Core2 with 64-bit Extensions : Architecture, Programming, and Interfacing

Low-Level Programming

MICROPROCESSORS AND MICROCONTROLLERS

The Z-80 Microcomputer Handbook

Microprocessors and Microcomputer-Based System Design

Microprocessor Engineering
Programming Concepts and Techniques
8080/8085 Assembly Language Programming Manual
Microprocessors & their Operating Systems
8086/8087/8088 Macro Assembly Language Reference Manual for 8080/8085-based
Development Systems
The Intel Microprocessors
McGraw-Hill Personal Computer Programming Encyclopedia
Programming the Z80

*Intel 8080
8085 Assembly
Language
Programming*

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KANE SIERRA

*Assembly Language for
Intel-based Computers*
Elsevier
An introduction to
microprocessors, updated

to cover recent models.
Designed as a first course
in microcomputers, this
new edition covers the
hardware and machine
language software of the
8080/8085 and Z-80 8-bit
microprocessors. It
explores various aspects
of microcomputer

technology using
examples of 8080/8085
and Z-80 applications.
*Microprocessor
Architecture,
Programming, and
Applications with the
8085* Pearson Education
India
Microprocessors and

Microcomputer-Based System Design, Second Edition, builds on the concepts of the first edition. It discusses the basics of microprocessors, various 32-bit microprocessors, the 8085 microprocessor, the fundamentals of peripheral interfacing, and Intel and Motorola microprocessors. This edition includes new topics such as floating-point arithmetic, Program Array Logic, and flash memories. It covers the popular Intel 80486/80960 and Motorola 68040 as

well as the Pentium and PowerPC microprocessors. The final chapter presents system design concepts, applying the design principles covered in previous chapters to sample problems.

6502 Assembly Language Programming

McGraw-Hill/Osborne Media
The book uses microprocessors 8085 and above to explain the various concepts. It not only covers the syllabi of most Indian universities but also provides additional information

about the latest developments like Intel Core? II Duo, making it one of the most updated textbook in the market. The book has an excellent pedagogy; sections like food for thought and quicksand corner make for an interesting read. The 8080, 8085, and Z-80 Programming, Interfacing, and Troubleshooting Independently Published
The first of its kind to offer an integrated treatment of both the hardware and software aspects of the microprocessor, this comprehensive and

thoroughly updated book focuses on the 8085 microprocessor family to teach the basic concepts underlying programmable devices. A three-part organization covers concepts and applications of microprocessor-based systems: hardware and interfacing, programming the 8085, and interfacing peripherals (I/Os) and applications.

8080/8085 Assembly Language Subroutines

Academic Press
Covers Programming the Z80 in Assembly Language & Teaches Both

Novices & Advanced Programmers to Write Complete Z80 Programs. Requires No Prior Knowledge of Programming
Languages and Operating Systems
McGraw-Hill Companies
Asynchronous serial communications; Interrupt applications; Data structures; Searching; Sorting; Look-up tables; Command decoders; System monitors; Breakpoints and debuggers.
The 8085 Microprocessor: Architecture,

Programming and Interfacing: Architecture, Programming and Interfacing Intel Books
Presents architectural, programming, and interfacing concepts and techniques using the Intel 8085 as the primary microprocessor. This book illustrates programming concepts using several examples from both the 8085 and Z80. It describes commonly used memory types and chips such as the static RAM, EPROM, and EEPROM.
A Macro Package for Structured Programming

*in Intel 8080/8085
Assembly Language*
McGraw-Hill Osborne
Media

The 8085 Microprocessor: Architecture, Programming and Interfacing is designed for an undergraduate course on the 8085 microprocessor, this text provides comprehensive coverage of the programming and interfacing of the 8-bit microprocessor. Written in a simple and easy-to-understand manner, this book introduces the reader to the basics and

the architecture of the 8085 microprocessor. It presents balanced coverage of both hardware and software concepts related to the microprocessor. *Zen of Assembly Language: Knowledge* Osborne Publishing
This book provides the students with a solid foundation in the technology of microprocessors and microcontrollers, their principles and applications. It comprehensively presents the material necessary for

understanding the internal architecture as well as system design aspects of Intel's legendary 8085 and 8086 microprocessors and Intel's 8051 and 8096 microcontrollers. The book throughout maintains an appropriate balance between the basic concepts and the skill sets needed for system design. Besides, the book lucidly explains the hardware architecture, the instruction set and programming, support chips, peripheral

interfacing, and cites several relevant examples to help the readers develop a complete understanding of industrial application projects. Several system design case studies are included to reinforce the concepts discussed. With exhaustive coverage and practical approach, the book would be indispensable to undergraduate students of Electrical and Electronics, Electronics and Communication, and Electronics and Instrumentation

Engineering. It can be used for a variety of courses in Microprocessors, Microcontrollers, and Embedded System Design. The second edition of the book introduces additional topics like I/O interfacing and programming, serial interface programming, delay programming using 8086 and 8051. Besides, many more examples and case studies have been added. Springer Science & Business Media Familiarizes

Microcomputer User with Z-80 Hardware & Software. Includes Instruction for "Computers on a Chip"
Attribute Grammars Tata McGraw-Hill Education Learn Intel 64 assembly language and architecture, become proficient in C, and understand how the programs are compiled and executed down to machine instructions, enabling you to write robust, high-performance code. Low-Level Programming explains Intel 64 architecture as

the result of von Neumann architecture evolution. The book teaches the latest version of the C language (C11) and assembly language from scratch. It covers the entire path from source code to program execution, including generation of ELF object files, and static and dynamic linking. Code examples and exercises are included along with the best code practices. Optimization capabilities and limits of modern compilers are examined, enabling you to balance

between program readability and performance. The use of various performance-gain techniques is demonstrated, such as SSE instructions and pre-fetching. Relevant Computer Science topics such as models of computation and formal grammars are addressed, and their practical value explained. What You'll Learn Low-Level Programming teaches programmers to: Freely write in assembly language Understand the programming model of

Intel 64 Write maintainable and robust code in C11 Follow the compilation process and decipher assembly listings Debug errors in compiled assembly code Use appropriate models of computation to greatly reduce program complexity Write performance-critical code Comprehend the impact of a weak memory model in multi-threaded applications Who This Book Is For Intermediate to advanced programmers and programming students

8080/8085 assembly language programming

Sybex

Provides a comprehensive guide to all of the major microprocessor families (8, 16 and 32 bit). The hardware aspects and software implications are described, giving the reader an overall understanding of microcomputer architectures. The internal processor operation of each microprocessor device is presented, followed by descriptions of the instruction set and applications for the

device. Software considerations are expanded with descriptions and examples of the main high level programming languages (BASIC, Pascal and C). The book also includes detailed descriptions of the three main operating systems (CP/M, DOS and UNIX) common to the most modern personal computers.

Microcomputers and Microprocessors CRC Press

The most comprehensive treatment of advanced

assembler programming ever published, this book presents a way of programming that involves intuitive, right-brain thinking. Also probes hardware aspects that affect code performance and compares programming techniques.

The 8080, 8085, and Z-80 : Programming, Interfacing, and Troubleshooting Prentice Hall

This book provides the students with a solid foundation in the technology of

microprocessors and microcontrollers, their principles and applications. It comprehensively presents the material necessary for understanding the internal architecture as well as system design aspects of Intel's legendary 8085 and 8086 microprocessors and Intel's 8051 and 8096 microcontrollers. The book throughout maintains an appropriate balance between the basic concepts and the skill sets needed for system design. Besides,

the book lucidly explains the hardware architecture, the instruction set and programming, support chips, peripheral interfacing, and cites several relevant examples to help the readers develop a complete understanding of industrial application projects. Several system design case studies are included to reinforce the concepts discussed. With exhaustive coverage provided and practical approach emphasized, the book would be

indispensable to undergraduate students of Electrical and Electronics, Electronics and Communication, and Electronics and Instrumentation Engineering. It can be used for a variety of courses in Microprocessors, Microcontrollers, and Embedded System Design. C, Assembly, and Program Execution on Intel® 64 Architecture Sams Technical Publishing This comprehensive guide for experienced

programmers thoroughly explains every 6502 and 65C02 instruction and covers assembler conventions, programming the interrupt system, and interfacing methods for input/output devices

[8080/8085 Assembly Language Programming](#)
PHI Learning Pvt. Ltd.
Keeping students on the forefront of technology, this text offers a practical reference to all programming and interfacing aspects of the popular Intel microprocessor family.

8085 Microprocessor Programs PHI Learning Pvt. Ltd.
Explains Assembly Language Programming & Describes Assemblers & Assembly Instructions

Computer Organization and Assembly Language Programming John Wiley & Sons
This book treats the problem of formulating models in mathematical programming, and thereafter solving the resulting model. Particular emphasis is placed on the interaction between the

two. The topic is viewed from different angles, namely linear programming (Walter Murray), integer programming (Ellis Johnson), network flows (John Mulvey), and stochastic programming (Roger J-B Wets). The book will be very useful for any mathematics programmer or operations researcher who works in the field of real-world modelling. The book is an important part of any university course in modelling, particularly in operations research,

economics and business. The book also contains an article on the origins of mathematical programming (Alexander Rinnooy Kan). This is important reading for anyone interested in the history of the field.

Computer Books and Serials in Print Apress

Loaded with troubleshooting tips, this guide will help users develop an understanding of the hardware components of a microcomputer system and the role of the software to control that

hardware. Highlights three compatible 8-bit microprocessor chips as models—the Intel 8080 and 8085, and the Zilog Z-80—and takes readers step-by-step through the building of a microcomputer to help them learn the differences between RAM and ROM and how these two types of memory are interfaced to the microprocessor; how the input and output port works; and how to construct a serial interface. Uses 14 detailed program examples to illustrate

common programming techniques used in software, and culminates with the development of an assembly language game program called NIM. Covers the latest memory technologies, i.e, flash memory and synchronous drams; new modem standards, such as the V.34 28.8K and V.90 56K; changes in floppy and hard disk technologies; and detailed descriptions on each of the 80x86 processor family members through the Pentium II. Contains over 50 quality illustrations and diagrams,

and describes more than 70 lab projects. For electrical engineers, or anyone seeking a foundation in microcomputer technology.

INTEL Reston Computer Organization and Assembly Language Programming deals with lower level computer programming-machine or assembly language, and how these are used in the typical computer system. The book explains the operations of the computer at the machine language level. The text

reviews basic computer operations, organization, and deals primarily with the MIX computer system. The book describes assembly language programming techniques, such as defining appropriate data structures, determining the information for input or output, and the flow of control within the program. The text explains basic I/O programming concepts, technique of interrupts, and an overlapped I/O. The text also describes the use of subroutines to

reduce the number of codes that are repetitively written for the program. An assembler can translate a program from assembly language into a loader code for loading into the computer's memory for execution. A loader can be of several types such as absolute, relocatable, or a variation of the other two types. A linkage editor links various small segments into one large segment with an output format similar to an input format for easier program handling. The book also

describes the use of other programming languages which can offer to the programmer the power of an assembly language by his using the syntax of a higher-level language. The book is intended as a textbook for a second course in computer programming, following the recommendations of the ACM Curriculum 68 for Course B2 "Computers and Programming.

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