

# Programming The 80386

Microsoft's 80386/80486 Programming Guide  
Microprocessors and Microcomputer-Based System Design  
The 80386, 80486, and Pentium Processors  
Advanced Microprocessors and Microcontrollers  
PC Mag  
Fundamentals of Digital Logic and Microcomputer Design  
The Intel 32-bit Microprocessors  
8086/8088, 80286, 80386, and 80486 Assembly Language Programming  
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OS/2 2.0 Programming  
Prentice Hall's Illustrated Dictionary of Computing  
NetWare Training Guide  
Advanced Microprocessors, II  
Automated Manufacturing Strategy  
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Amar Gupta*

new revised and updated this book provides a wealth of practical information and expert advice on the intel 80386 80386sx and 80486 microprocessors contains scores of informative technical illustrations complete instruction set documentation and sample programs

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

this book is the first to concentrate on all 32 bit microprocessors and the pentium this comprehensive exploration of microprocessor technology introduces core concepts techniques and

applications using the 80386 80486 and pentium processors putting equal emphasis on assembly language software programming and microcomputer hardware interfacing the second part of this book presents software memory circuits i o and peripherals the third part consists of pc at bus interfacing testing troubleshooting and the pentium for anyone interested in microprocessor technology

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fundamentals of digital logic and microcomputer design has long been hailed for its clear and simple presentation of the principles and basic tools required to design typical digital systems such as microcomputers in this fifth edition the author focuses on computer design at three levels the device level the logic level and the system level basic topics are covered such as number systems and boolean algebra combinational and sequential logic design as well as more advanced subjects such as assembly language programming and microprocessor based system design numerous examples are provided throughout the text coverage includes digital circuits at the gate and flip flop levels analysis and design of combinational and sequential circuits microcomputer organization architecture and programming concepts design of computer instruction sets cpu memory and i o system design features associated with popular microprocessors from intel and motorola future plans in microprocessor development an instructor's manual available upon request additionally the accompanying cd rom contains step by step procedures for installing and using altera quartus ii software masm 6.11 8086 and 68asm sim 68000 provides valuable simulation results via screen shots fundamentals of digital logic and microcomputer design is an essential reference that will provide you with the fundamental tools you need to design typical digital systems

coverage first concentrates on real mode assembly language programming compatible with all versions of the intel microprocessor family and compares and contrasts advanced family member with the foundational 8086 8088 this building block presentation is effective because the intel family units are so similar that learning advanced versions is easy once the basics are understood

this fourth edition of the intel microprocessors 8086 8088 80186 80286 80386 80486 pentium and pentium pro processor architecture programming and interfacing is a practical book for anyone interested in all programming and interfacing aspects of this important microprocessor family

now more than ever today's memory intensive software applications are pushing the existing installed base of 286 386 and even 486 computers to the limit recognizing this microsoft has added additional features to ms dos 6.0 that allow users to do custom computer configurations that optimize available memory these new ms dos tools are extensive the bookster's new guide is more essential than ever

considers assembly programming language for the entire 80xxx family and deals with such topics as how addresses are computed what the linker and loader do and why the 80386 is a significant advance it includes end of section exercises program diagrams and examples of working programs

get up to speed on os 2 version 2 0 programming with this fast paced guide to the powerful operating system that turns the 386 or 486 computer into a true multitasking machine using numerous example c programs schildt describes multitasking the presentation manager how to create dynamic link libraries how to use the core api services and much more

short explanations and definitions of computing terms includes official terms as defined by 150 and other standards authorities incorporates a style manual for correct usage of computer terminology

networking technology along with its companion volume managing netware systems fully prepares readers for the cne examination the netware training guides are an efficient means to entering the high paying field of network management

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