



# Alp Of Microprocessor

**Yicheng Fang**

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NILESH B. BAHADURE,2010-05-26 This comprehensive text provides an easily accessible introduction to the principles and applications of microprocessors It explains the fundamentals of architecture assembly language programming interfacing and applications of Intel's 8086 8088 micro processors 8087 math coprocessors and 8255 8253 8251 8259 8279 and 8237 peripherals Besides the book also covers Intel's 80186 80286 80386 80486 and the Pentium family micro processors The book throughout maintains an appropriate balance between the basic concepts and the skill sets needed for system design A large number of solved examples on assembly language programming and interfacing are provided to help the students gain an insight into the topics discussed The book is eminently suitable for undergraduate students of Electrical and Electronics Engineering Electronics and Communication Engineering Electronics and Instrumentation Engineering Computer Science and Engineering and Information Technology      **8085 MICROPROCESSOR** N. K. SRINATH,2005-01-01 This up to date and contemporary book is designed as a first level undergraduate text on micro processors for the students of engineering computer science electrical electronics telecommunication instrumentation computer applications and information technology It gives a clear exposition of the architecture programming and interfacing and applications of 8085 microprocessor Besides it provides a brief introduction to 8086 and 8088 Intel microprocessors The book focusses on microprocessors starting from 4004 to 80586 instruction set of 8085 microprocessor giving the clear picture of the operations at the machine level the various steps of the assembly language program development cycle the hardware architecture of microcomputer built with the 8085 microprocessor the role of the hardware interfaces memory input output and interrupt in relation to overall microcomputer system operation peripheral chips such as 8255 8253 8259 8257 and 8279 to interface with 8085 microprocessor and to program it for different applications      **2024-25 RRB/DRDO/ISRO**

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