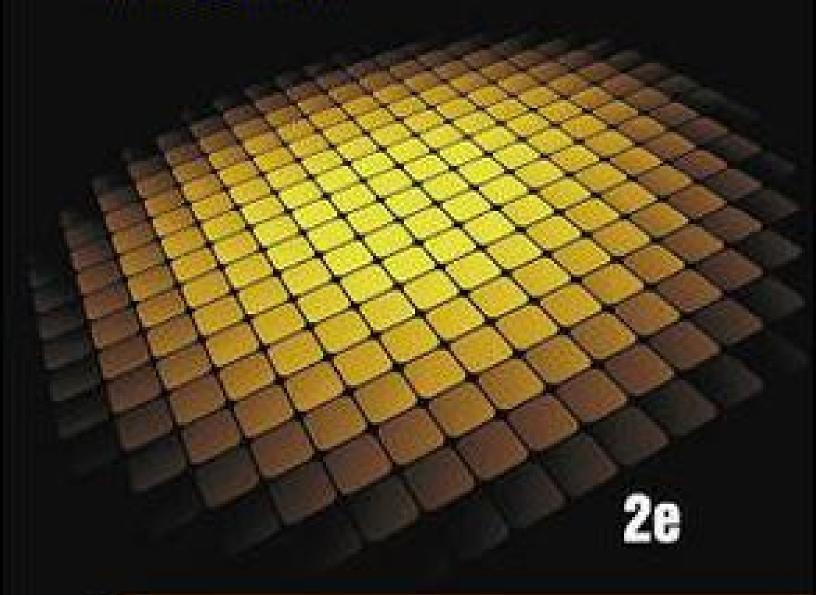
MICROPROCESSORS AND MICROCONTROLLERS

A. NAGOOR KANI



- Includes 8085 Microprocessors
- 8086 Microprocessors
- Advance Microprocessors and Microcontrollers

Contents

- 1 Introduction to Microprocessors
- 2 Introduction to Microcontrollers
- 3 Instruction Set of 8085
- 4 Instruction Set of 8086
- 5 Instruction Set of 8031/8051
- 6 Memory and IO Interfacing
- 7 Interrupts
- 8 Assembly Language Programming
- 9 Peripheral Devices and Interfacing
- 10 Intel 80X86 Family of Processors
- 11 System Design with Microprocessors

Appendix

- I List of microprocessors released by INTEL
- II 8031/8051 instructions in hexadecimal order
- III 8031/8051 instructions in alphabetical order
- IV 8085 instructions in hexadecimal order
- V 8085 instructions in alphabetical order
- VI Templates for 8086 instructions
- VII DOS and BIOS instructions