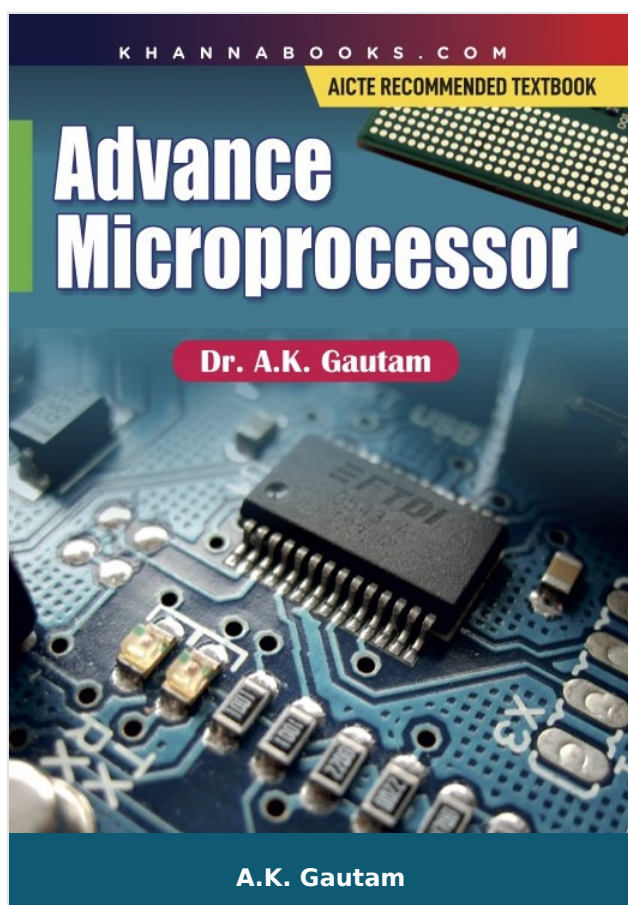




Advance Microprocessor

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Product Description

Each topic is well explained by illustration and photographs. The book covers basic microprocessors to advanced processors in a consistent progression from theoretical concept to design considerations. The operation of various microprocessors is described with the help of pin diagram, functional diagram and timing diagrams. A large number of working programs, problem, and the each chapter are summarized in the end.

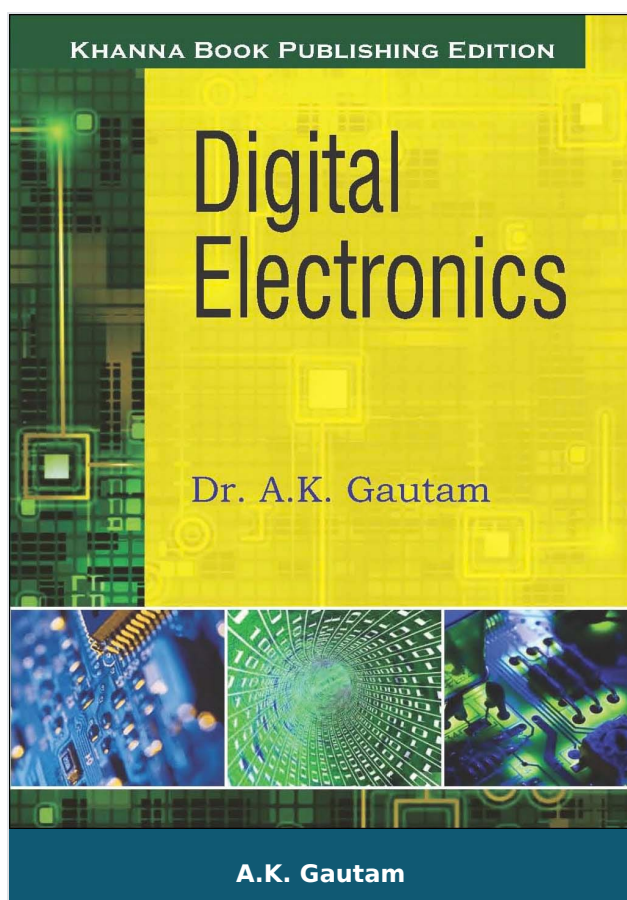
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- Introduction To Microprocessors
- The 8085 Microprocessor
- Architecture And Addressing Modes of The 16 bit 8086 Microprocessor
- The 8086/8088 Microprocessor CPU Module Design
- Assembly Language Programming
- Data Movement Instructions
- Arithmetic And Logic Instructions
- Program Control And Processor Control Instructions
- The 8087 Arithmetic Coprocessor
- Support Peripheral Devices
- Interrupt Structure Memory Interfacing And Modules
- The 8051 Micro Controller
- D/A and A/D Converters

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Product Description

Each topic is well explained by illustration and photographs. A large number of solved problems, unsolved problem, and the each chapter are summarized in the end. In view of various competitive examination the multiple choice questions with answers is also given in the books. Further, to facilitate the student towards practical, lab experiments and various questions for viva voice is also provided.

Table Of Contents

- Number Systems and Computer Codes
- Boolean Algebra and Logic Gates
- Simplification of Boolean Functions
- Combinational Logic Circuits
- Sequential Logic Circuits
- Shift Registers
- Counters
- Memories
- Asynchronous Sequential Circuits
- Logic Families
- D/A and A/D Converters
- Hazards and Fault Detection

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