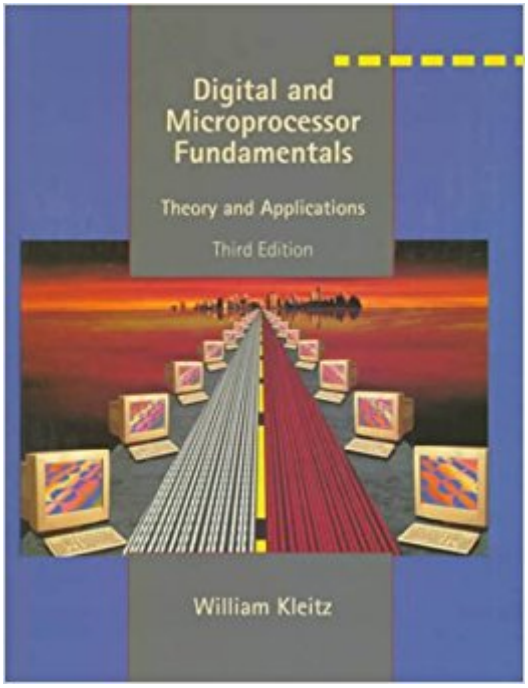
Digital And Microprocessor Fundamentals: Theory And Applications (3rd Edition)



Synopsis

For one-semester consolidated courses in Digital and Microprocessor Fundamentals, or one-semester courses in Digital Fundamentals followed by one-semester courses in Microprocessor Fundamentals.Focusing on the "must know" essentials, this text provides single-volume coverage of the fundamentals of both digital electronics and microprocessors--helping students become proficient at both hardware and software principles. It uses a simple, easy-to-understand writing style, an abundance of clearly explained examples, and nearly 1,000 illustrations to explore practical applications and problems using industry-standard ICs, circuits, and schematics that students will encounter on the job.

Book Information

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Customer Reviews

This book explores practical applications and problems using industry-standard ICs, circuits, and schematics that readers encounter on the job. Focusing on the "must know" essentials, it provides single-volume coverage of the fundamentals of digital electronics and microprocessors, exploring both hardware and software principles. Discussions of today’s most recent tools and techniques includes sections on ASCII code; applications of number systems; annotated data sheets; biCMOS, LVT, and HCT logic families; arithmetic circuits; adder ICs; system design applications using microcontrollers; practical I/O considerations; octal D flip-flop interface to a microcontroller; and the SDK-85 microprocessor trainer. For engineering/engineering technology programmers and system

designers.

The book definitely fulfills the authors stated aims ..... well written ..... well organized ..... with clear cut explanations ..... electrical circuits are always baffling to novice students ..... therefore a student without an instructor's support will need exceptional autodidactic tenacity to learn all that this book has to offer ..... J.W.

good book

Used this book for a class in college and worked fine. Arrived in new condition. Good seller, good book.

Applications (with Economic Applications) Chemical Applications Of Group Theory, 3Rd Ed Theory Time: Workbook Series - Theory Fundamentals Grade One