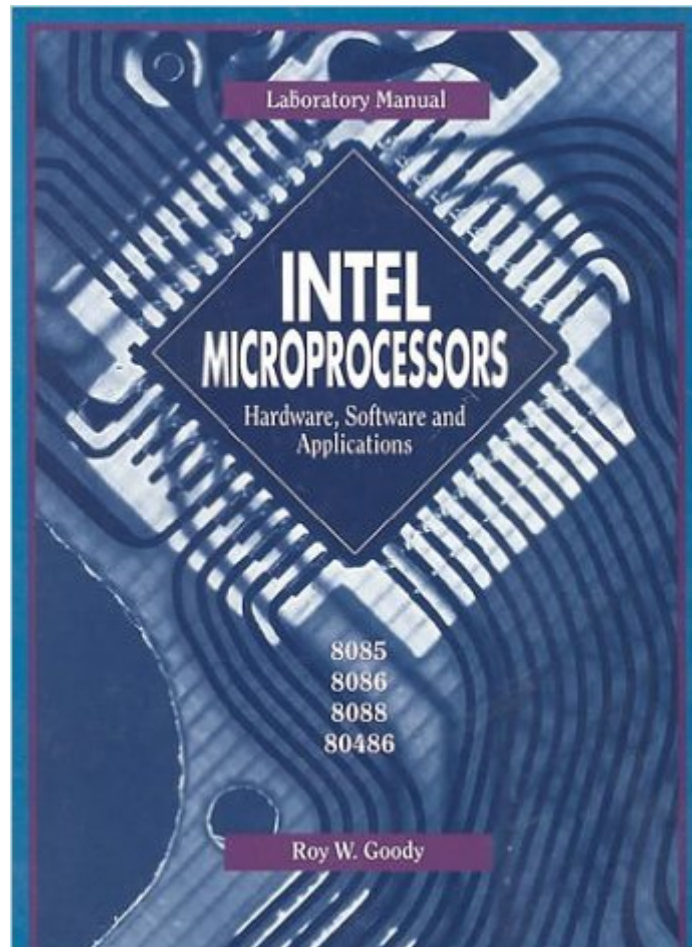


The book was found

Intel Microprocessors: Hardware, Software, And Applications, Lab Manual



Synopsis

This is a lab manual to accompany a text, based on the widely used Intel family of microprocessors. The main text requires only a basic knowledge of dc and ac electricity and a working knowledge of digital circuits and gates. It does not require prior knowledge of personal computers or microprocessors. This edition comprises two units: 8-bit and 16/32-bit microprocessors. The text first provides a brief history of microprocessors followed by six chapters that concentrate on computer hardware, including the bus system, I/O ports, primary and secondary memory, and the CPU. The second unit provides coverage of the Intel family of 16- and 32-bit microprocessors. These chapters take an inside look at the IBM PC family of computers, including information on the programs for various subsystems, such as keyboard, monitor and printer ports. Nearly half of the material is new in this edition, because of the rapid changes and technological advances in microprocessors. Each chapter contains a wealth of questions and problems. Also available is an instructor's manual (0-02-801813-3), which provides answers to questions and problems in the textbook, as well as information concerning the results of the experiments with programs in the lab manual.

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