

CONTENTS

1. Introduction to Microcomputer Development Systems and Microprocessor-Based Design	1
2. Microcomputer Fundamentals	13
3. Microcomputer System Hardware and I/O Techniques	43
4. Typical 8-BIT Microprocessors and Microcomputers	65
5. 8085 INPUT / OUTPUT	145
6. INTEL 8086 and Zilog Z8000	165
7. Motorola 68000 and Intel 432	215
8. Typical Microprocessor Interface Chips	281
9. Fundamentals of Microcomputer Development Systems	341
10. Popular Microcomputer Development Systems	387
11. The Hewlett-Packard (HP) 64000	456
12. Design Problems	545
Index	677