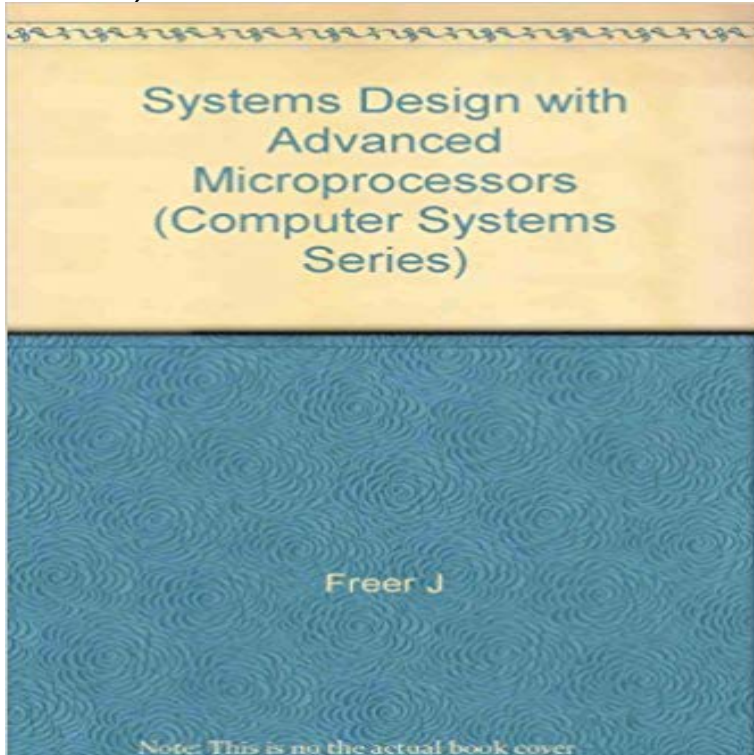


# Systems Design with Advanced Microprocessors (Computer Systems Series)



This book is a reference text on advanced microprocessors and is intended to meet the needs of practising system designers (concerned with microprocessor hardware and software), engineering, product and marketing managers using microprocessors in new products, and students of electronic engineering or computer science. The treatment provides working insights into the architectures and instruction sets of many available microprocessor chips; into the design characteristics and performance of system components such as backplane buses, memory and storage devices, and communications interfaces; and into systems software requirements and development tools. The Motorola MC 68020 and the Inmos T414 transputer are selected for extensive treatment as representative of two major trends in processor architectures. Throughout this book, the emphasis is on practical, qualitative explanations, with many explanatory diagrams. MARKET.

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