

## Designing Embedded Processors A Low Power Perspective

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### Designing Embedded Processors A Low

Designers are increasingly turning towards small processors, which are low power, and customize these processors both in software and hardware to achieve their objectives of a low power system, which is verified, and has short design turnaround times. Designing Embedded Processors examines the many ways in which processor based systems are designed to allow low power devices. It looks at processor design methods, memory optimization, dynamic voltage scaling methods, compiler methods, and ...

### Designing Embedded Processors: A Low Power Perspective ...

About the Author Dr. Sri Parameswaran received his B.Eng Degree from Monash University and his Ph.D degree from the University of Queensland in Australia. He has held visiting appointments at University of California, Kyushu University and Australian National University. He has also worked as a consultant to the NEC Research laboratories at Princeton, USA and to the Asian Development Bank in ...

### Designing Embedded Processors A Low Power Perspective ...

Contents Though there are certainly many more aspects in designing embedded processors with respect to low power, we had to restrict the book and eventually identified six main topics (according to the six sections) namely: I. Application fForeword xvii Specific Embedded Processors, II. Embedded Memories, III.

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### Designing embedded processors a low power perspective

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### Embedded system - Wikipedia

Designing Embedded Processors examines the many ways in which processor based systems are designed to allow low power devices. It looks at processor design methods, memory optimization, dynamic voltage scaling methods, compiler methods, and multi processor methods. Each section has an introductory chapter to give a breadth view, and have a few specialist chapters in the area to give a deeper perspective.

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