

System-level Design Techniques For Energy-efficient Embedded Systems

[DOWNLOAD HERE](#)

"System-Level Design Techniques for Energy-Efficient Embedded Systems" addresses the development and validation of co-synthesis techniques that allow an effective design of embedded systems with low energy dissipation. The book provides an overview of a system-level co-design flow, illustrating through examples how system performance is influenced at various steps of the flow including allocation, mapping, and scheduling. The book places special emphasis upon system-level co-synthesis techniques for architectures that contain voltage scalable processors, which can dynamically trade off between computational performance and power consumption. Throughout the book, the introduced co-synthesis techniques, which target both single-mode systems and emerging multi-mode applications, are applied to numerous benchmarks and real-life examples including a realistic smart phone. EAN/ISBN : 9780306487361 Publisher(s): Springer Netherlands, Springer US Discussed keywords: Embedded Systems Format: ePub/PDF Author(s): Schmitz, Marcus T. - Hashimi, Bashir M. Al- - Eles, Petru

[DOWNLOAD HERE](#)

Similar manuals:

[Advances In Design And Specification Languages For Embedded Systems](#)

[Advances In Design Methods From Modeling Languages For Embedded Systems And SoC's](#)

[Design Methodologies For Secure Embedded Systems](#)

[Design Technology For Heterogeneous Embedded Systems](#)

[Embedded Systems For Smart Appliances And Energy Management](#)

[Embedded Systems Specification And Design Languages](#)

[Enhancing Embedded Systems Simulation](#)

[From Model-Driven Design To Resource Management For Distributed Embedded Systems](#)

[Languages For Embedded Systems And Their Applications](#)

[Memory Controllers For Real-Time Embedded Systems](#)

[Pro Linux Embedded Systems](#)

[Radiation Effects On Embedded Systems](#)

[Solutions On Embedded Systems](#)

[Spatial Awareness Of Autonomous Embedded Systems](#)

[System-Level Design Techniques For Energy-Efficient Embedded Systems](#)

[Views On Evolvability Of Embedded Systems](#)

[Memory Allocation Problems In Embedded Systems](#)

[Embedded Systems](#)

[Multiplexed Networks For Embedded Systems](#)

[How To Land A Top-Paying Embedded Systems Software Developers Job: Your Complete Guide To Opportunities, Resumes And Cover Letters, Interviews, Salari - Rachel Matthews](#)

[FreeBSD For Developers - Develop Embedded Systems Ver 2011](#)

[Chapter 23, Specifying Behavior Of Embedded Systems - Robert Oshana](#)

[Chapter 03, Overview Of Real-time And Embedded Systems - Robert Oshana](#)

[Chapter 01, DSP In Embedded Systems: A Roadmap - Robert Oshana](#)

[Chapter 04, Overview Of Embedded Systems Development Lifecycle Using DSP - Robert Oshana](#)