Mohammad

Embedded Memory Design for Multi-Core and Systems on Chip

This book describes the various tradeoffs systems designers face when designing embedded memory. Readers designing multi-core systems and systems on chip will benefit from the discussion of different topics from memory architecture, array organization, circuit design techniques and design for test. The presentation enables a multi-disciplinary approach to chip design, which bridges the gap between the architecture level and circuit level, in order to address yield, reliability and power-related issues for embedded memory.

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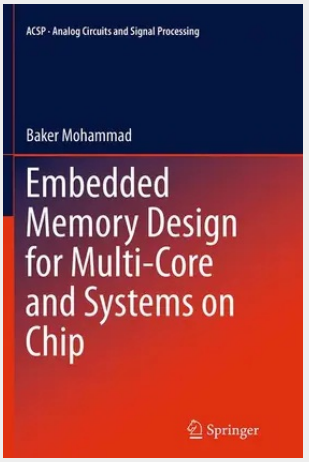

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