Memory, Microprocessor, and ASIC: Memory, Microprocessor and ASIC (Principles and Applications in Engineering) PDF
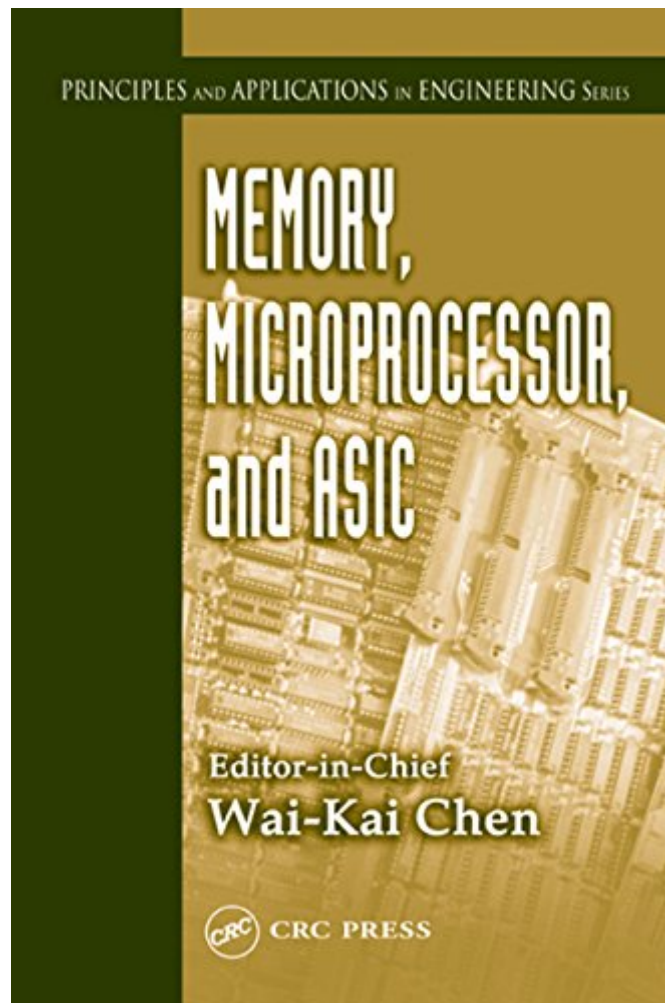

Memory, Microprocessor, and ASIC: Memory, Microprocessor and ASIC (Principles and Applications in Engineering) by ISBN B00UV99VU0

Timing, memory, power dissipation, testing, and testability are all crucial elements of VLSI circuit design. In this volume culled from the popular VLSI Handbook, experts from around the world provide in-depth discussions on these and related topics. Stacked gate, embedded, and flash memory all receive detailed treatment, including their power consumption and recent developments in low-power memories. Reflecting the rapid development and importance of systems-on-a-chip (SOCs), an entire chapter is devoted to application-specific integrated circuits (ASICs). Design-related topics include microprocessor architectures, layout methods, design

verification, testability concepts, and various CAD tools.

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Memory, Microprocessor, and ASIC: Memory, Microprocessor and ASIC (Principles and Applications in Engineering) Review

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