

Application Specific Integrated Circuit (V L S I Electronics) (v. 23)



This volume presents a comprehensive survey of the state of the art in ASIC technology, addressed from the viewpoints of both ASIC vendor and user. The book emphasizes breadth of coverage. Separate chapters in this volume address the ASIC business, marketing, design, model and library development, CAD, manufacturing, test and testability, packaging, application and selection of ASICs, and quality and reliability. Assembly is covered as part of manufacturing. It covers all major aspects of ASICs and is intended as preparation for participation in the development and/or utilization of this evolving technology.

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