



Advanced CMOS Cell Design (Professional Engineering)

Etienne Sicard, Sonia Delmas Bendhia

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Written by two internationally renowned circuit designers, this outstanding book presents the state-of-the-art techniques required to design and simulate every type of CMOS integrated circuit. The reference contains unsurpassed coverage of deep-submicron to nanoscale technologies...SRAM, DRAM, EEPROM, and Flash...design of a simple microprocessor...configurable logic circuits...data converters... input/output...design rules... and much more. Packed with 100 detailed illustrations, *Advanced CMOS Cell Design* enables you to:

- Explore the latest embedded memory architectures
- Master the programming of logic circuits
- Get expert guidance on radio frequency (RF) circuit design
- Learn more about silicon on insulator (SOI) technologies
- Acquire a full range of circuit simulation tools

This Advanced CMOS Circuit Design Toolkit Covers-

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- SRAM, DRAM, EEPROM, and Flash
- Design of a Simple Microprocessor
- Configurable Logic Circuits
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