

Transistor Power

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Dynamic Power

Voltage

Voltage Domain

Dynamic Voltage Scaling (DVS)

Resonant Circuits

Dynamic Power Reduction Techniques

Circuit Parallelization

Voltage Scaling-based Techniques

Circuit Technology-independent Techniques

Circuit Technology-dependent Techniques

Circuit Parallelization

Memory Parallelization
Parallelized Shift Register
Serial-Parallel Converter
Linear Feedback Shift Registers
Double Edge Triggered FlipFlops

Voltage Scaling-based Techniques

Multiple Voltage Techniques
Low Voltage Swing

Circuit Technology-independent Techniques

Precomputation

Retiming

Synthesis of FSMs with Gated Clocks

Circuit Technology-dependent Techniques

Path Balancing
Technology Decomposition
Technology Mapping

Pass Transistor Circuits

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