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

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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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