"A brief Introduction"

- Introduction "Is there a limit?"
- Transistors "CMOS building blocks"
- Parasitics I "The [un]desirables"
- Parasitics II "Building a full MOS model"
- The CMOS inverter "A masterpiece"
- Technology scaling "Smaller, Faster and Cooler"
- Technology "Building an inverter"
- Gates I "Just like LEGO"
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- Sequential circuits "Time also counts!"
- DLLs and PLLs " A brief introduction"
- Storage elements "A bit in memory"

"A brief introduction"

- Delay-Locked Loop (DLL)
- Phase-Locked Loop (PLL)



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Phase Locked Loops



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