AMBA bus architecture

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nptel AMBA video

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Verification AMBA

<https://www.youtube.com/results?search_query=+pallab+dasgupta+AMBA>

DMA architecture

<https://www.youtube.com/watch?v=KnUmQ5i4zd8>

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STA

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PCI arbiter design

<http://www.digimat.in/nptel/courses/video/117106092/L36.html>

SRAM DRAM

<https://www.youtube.com/watch?v=5CL8iFrbCUg>

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DRAM controller

<https://www.youtube.com/watch?v=5o5GbtNZgD4>

STA concepts

<https://www.youtube.com/watch?v=Vo5VS5rJtyU>

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Advanced logic synthesis

<http://www.digimat.in/nptel/courses/video/117106109/L28.html>

PCI basics

<https://www.youtube.com/watch?v=qhIHu8mFrdg>

Memory basics

<https://www.youtube.com/watch?v=4hr1aXf2ark&list=PLBTQvUDSl81dTG_5Uk2mycxZihfeAYTRm>

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Computer architecture

<https://www.youtube.com/watch?v=nYVkMKx9Sao&list=PL8EC1756A7B1764F6>

RISC pipeline

<https://www.youtube.com/watch?v=46virIBg_3w>

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serial interface

<https://www.youtube.com/watch?v=ODKOfLL7sB4>

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BUS structure

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Verilog projects

<https://www.youtube.com/c/ArjunNarula1122/videos>

network protocol

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VLSI circuits – synthesis, PCI arbiter

<https://archive.nptel.ac.in/courses/117/106/117106092/>

synthesis tool

<https://www.youtube.com/watch?v=43aDKvUjmLk>

Advance computer architecture

<https://archive.nptel.ac.in/noc/courses/noc22/SEM1/noc22-cs10/>

DRAM and pipeline

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Synthesis flow and STA

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VLSI fabrication process

<https://archive.nptel.ac.in/courses/117/106/117106093/>

VLSI synthesis logical efforts

<https://archive.nptel.ac.in/courses/106/106/106106089/>

Verilog and Verilog synthesis

<https://archive.nptel.ac.in/courses/106/106/106106088/>

Low power techniques , VHDL , logical efforts

<https://archive.nptel.ac.in/courses/117/101/117101004/>

C bases VLSI

<https://archive.nptel.ac.in/courses/106/103/106103229/>

synthesis tool use

<https://www.youtube.com/watch?v=43aDKvUjmLk>

MOSFETS and Memories DRAM architecture

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logic optimization and synthesis

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