

VLSI Physical Design

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Saturday, 20 February 2016

STA Interview Questions Part 1

What is slack?

What is SDC constraint file contains?

Delay of a cell depends on which factors?

Write Setup and Hold equations?

Where do you get the WDL's? Do you create WDL's? How do you specify?

In which case inserting a buffer will solve the setup timing?

What is cross talk? How it affects timing.

How can you avoid cross talk?

what is shielding? how does it prevents cross talk?

How spacing helps in reducing crosstalk noise?

How buffer can be used in victim to avoid crosstalk?

What are the problems faced related to timing?

How did you resolve the setup and hold problem?

How does delays varies with different PVT conditions? please explain with the help of graph.

What is cell delay and net delay?

What are different delay models available and what are the difference between them?

What is cloning and buffering?

What is the derate value that can be used?

What are the corners you check for timing sign-off? Is there any changes in the derate value for each corner?

Where do you mean by the de-rating value? What are the factors that decide the de-rating values? factor?

What factors decides the setup time of flip-flop?

What is metastability?

In a system with insufficient hold time, will slowing down the clock frequency help?

Posted by Akshay at 22:52

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Vlsi Physical Design Interview Questions

Katrin Zwirgmaier



Vlsi Physical Design Interview Questions:

Vlsi Physical Design Interview Questions Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has become much more apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Vlsi Physical Design Interview Questions**," compiled by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

http://www.frostbox.com/public/Resources/fetch.php/Sig_226_Tungsten_Guide_Rods.pdf

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Cladogram Worksheet Practice KEY - Name In the box below, create a cladogram based off your matrix. ... 1. Start with a timeline: oldest organisms on the bottom left, newest on the top right. 2. use ...

CLADOGRAM ANALYSIS Use the following cladogram to answer the questions below. 8. What separates ... Which organism is most related to the rodents and rabbits on this cladogram? cladogram analysis key It is a diagram that depicts evolutionary relationships among groups. It is based on PHYLOGENY, which is the study of evolutionary relationships. Sometimes a ...

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Cladogram worksheet key Use the phylogenetic tree to the right to answer the following questions. ... Note: This phylogenetic tree is not a true cladogram, because it is based on the ...

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How to Build a Cladogram. Fur - Mammary glands-shared by mouse and chimp. * This question has several possible answers. 9. List at least one derived character and explain why. Lungs ...

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