

Chapter 6 - OpenROAD GUI - TRAINING - Common

Course authors (Git file)



1 Guess and rebuild



Challenge 1

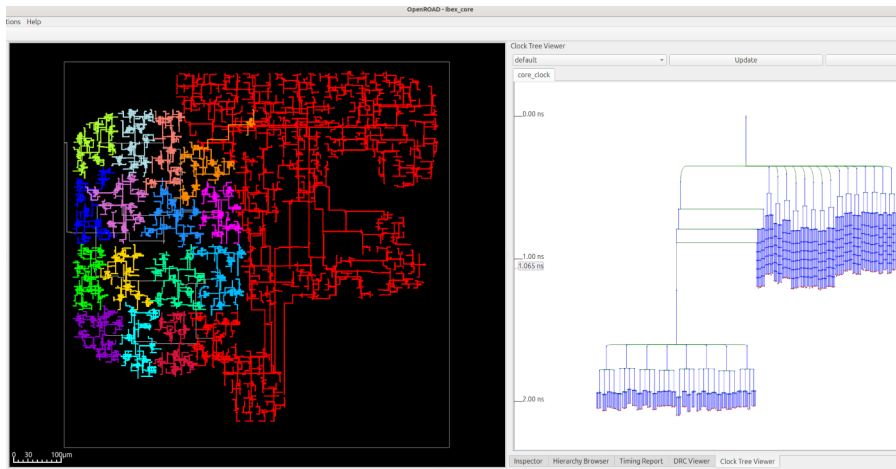


Figure 1: What is this?



Challenge 2

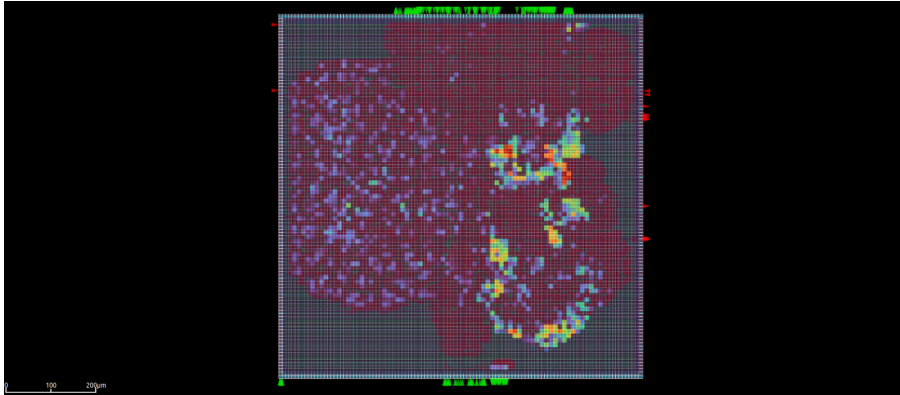


Figure 2: What is this?

Rebuild the picture with any design!



Challenge 3

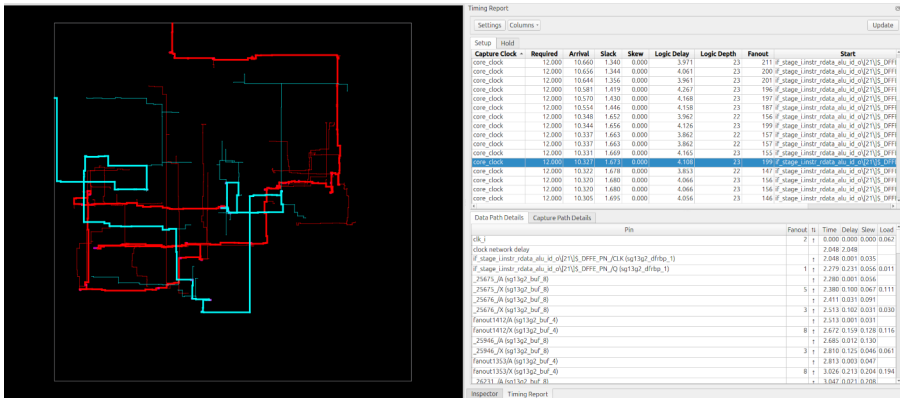


Figure 3: What is this?

Rebuild the picture with any design!

Challenge 4

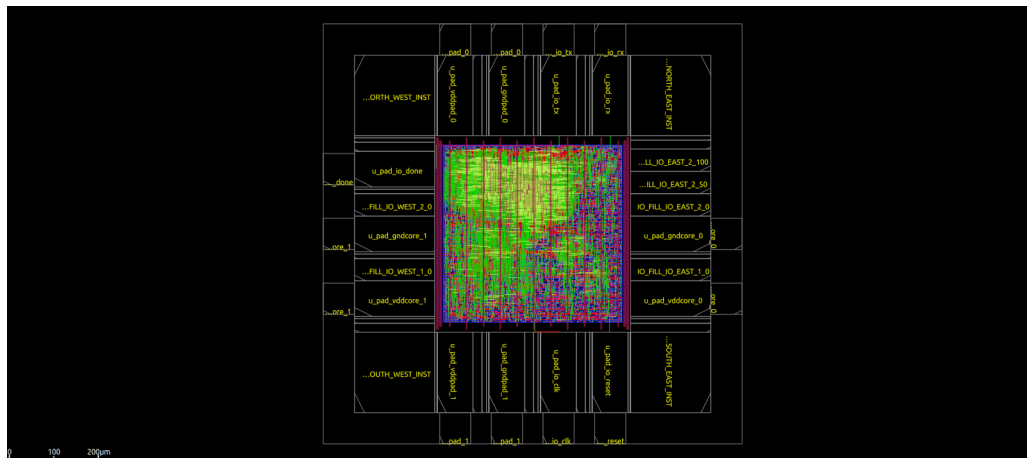


Figure 4: What is this?



Solutions (of the challenges)

- 1 Ibex clocktree without most other layers (IHP PDK)
- 2 Ibex power density $>15 \text{ uW}$ (IHP PDK)
- 3 Ibex single clock path with all layers off, but the timing paths (IHP PDK)
- 4 Masked aes without most metals and only pins names (IHP PDK)

