# Chapter 04 - OpenROAD first run

Course authors (Git file)

1. Doing this chapter
2. Basic ORFS
3. Example pick

Section 1

# Doing this chapter

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- This chapter is mostly a training.
- We will try to get our first results.
- Example projects are available.

Section 2

# Basic ORFS

# Find the flow directory

# Checking the tools

Section 3

# Example pick

# Example: gcd (from the OpenROAD-flow-script examples)

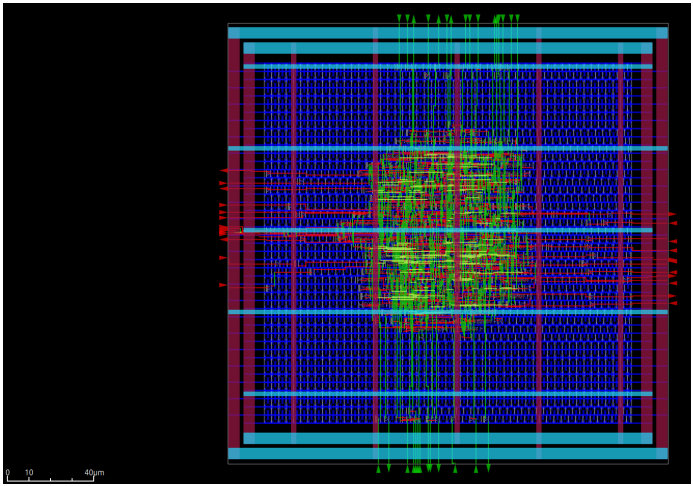
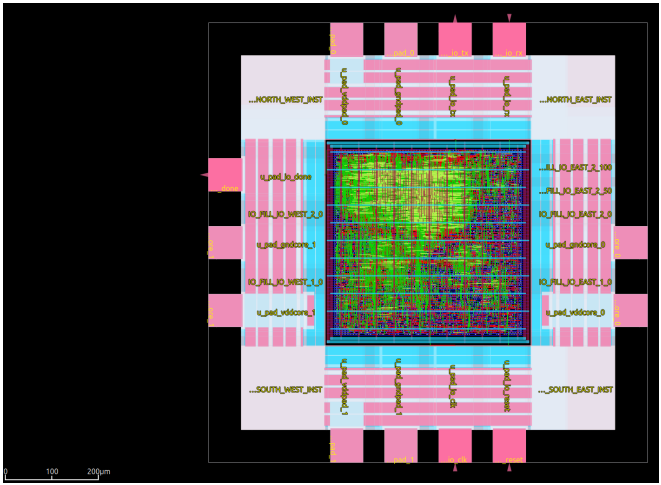



Figure 1: GDS gcd

# Example: masked_aes (from the Sign:HEP research project)

## HEP Alliance - Masked AES