

Chapter 8 - Tapeout

Course authors (Git file)



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- 3 Contribute to open-source



Section 1

Open-source Tapeout informations from IHP



IHP - Repositories

- Open PDK: <https://github.com/IHP-GmbH/IHP-Open-PDK>
- Open DesignLib: <https://github.com/IHP-GmbH/IHP-Open-DesignLib>
- Tapeout May 2024: https://github.com/IHP-GmbH/TO_May2024
- Tapeout Nov 2024: https://github.com/IHP-GmbH/TO_Nov2024



IHP - Read the docs

- Open PDK Docu: <https://ihp-open-pdk-docs.readthedocs.io/en/latest/index.html>
- Open DesignLib Docu: <https://ihp-open-ip.readthedocs.io/en/latest/>



Github Actions

- Tapeout Nov 2024 Actions drc.yml:
https://github.com/IHP-GmbH/TO_Nov2024/blob/main/.github/workflows/drc.yml
- Tapeout Nov 2024 Actions runs: https://github.com/IHP-GmbH/TO_Nov2024/actions



Examples



Section 2

DRC clean



DRC clean

What is DRC clean?



Missing parts in the ORFS



Workarounds (example masked_aes)



Bleeding edge and getting help



To be solved soon

Via pull resquests in ORFS Git repository.

What is a pull request? And how to do?



Section 3

Contribute to open-source



Contributing with Git



The PDK



This course

