

Update

Jelena Lalic



ER3 Periphery – released and done

Work items 10 Merge requests 3 Participants 2 Labels 9

Unstarted (open and unassigned) 0

Ongoing (open and assigned) 1

- Periphery ER3 - implementation QoR #2653 To do

Completed (closed) 9

- Hold violation in the periphery after fixing physical issues #2664 block_periphery bug medium design_implementation design_timing periphery_respin Done
- Missing M2 calibre filling in the top right corner of the periphery #2655 block_periphery design_integration ER3 signoff_physical Done
- Routing too close to the edge of the periphery (ER3) #2654 block_periphery design_integration ER3 signoff_physical Done
- Reduce severity from errors to warning for waivable periphery impl errors #2635 block_periphery bug medium design_implementation ER3 Done
- Solve read_db_file_check errors in the implementation flow with the new tools #2631 bug medium design_implementation Done
- Remove duplication of rc_extraction_level parameter at innovus config #2593 block_periphery bug medium design_implementation ER3 Done
- Reset check_drc_check_type in route and postoure stage after fixing drc #2512 block_periphery design_implementation ER3 Done
- Add reporting of ndr routing for signoff checks #2475 bug medium ER3 Signoff Done
- Add glitch analysis report generation to the flow for signoff checks #2367 block_periphery design_implementation ER3 Done

- All the improvements related to ER3 periphery are done;
- ER3 periphery – gate level netlist is **fully clean** and DRC rules at the RSU level are **fully clean**



Open Issues

Open 7 Closed 227 All 234

Assignee is Jelena Lalic

Trial of implementations : prohibit the use of DELAY CELLS

mosaix/mosaix_rtl#2667 · created 2 weeks ago by Pedro Vicente Leitao ER3

Related to all blocks, helping to Pedro and Dominik

Periphery ER3 - implementation QoR

mosaix/mosaix_rtl#2653 · created 1 month ago by Jelena Lalic

Done

Add readme with instructions and results validation guide

mosaix/mosaix_rtl#2643 · created 2 months ago by Jelena Lalic bug medium doc_reference ER3

Add complete set of instructions for IR analysis to the readme

mosaix/mosaix_rtl#2621 · created 5 months ago by Jelena Lalic block_periphery bug medium ER3

investigate the use of set_db at every step of the flow

mosaix/mosaix_rtl#2545 · created 7 months ago by Pedro Vicente Leitao ER3

Elaboration warnings in MOSAIX_sbb_bridges.impl_pwr.v

mosaix/mosaix_rtl#2351 · created 8 months ago by Adithya Pulli block_sbb bug medium ER3 GLN wont_do

Add comments and document the usage of gen_verilog.csh script

mosaix/mosaix_rtl#625 · created 30 May 2024 by Jelena Lalic block_sbb doc_reference

Ongoing – only documentation

