LUCEDA PHOTONICS

IRYS DRC

Your DRC, Right in Your Design Flow

Accelerate your time-to-market with Irys DRC, the integrated solution to design and verify PICs with confidence.

Design and Verify in One Place

Run DRC directly from your design flow with no interruptions or tool switching.

Get Started Immediately

Enable DRC without complex setup or integration work. It is available right out of the box.

Catch Design Issues Early

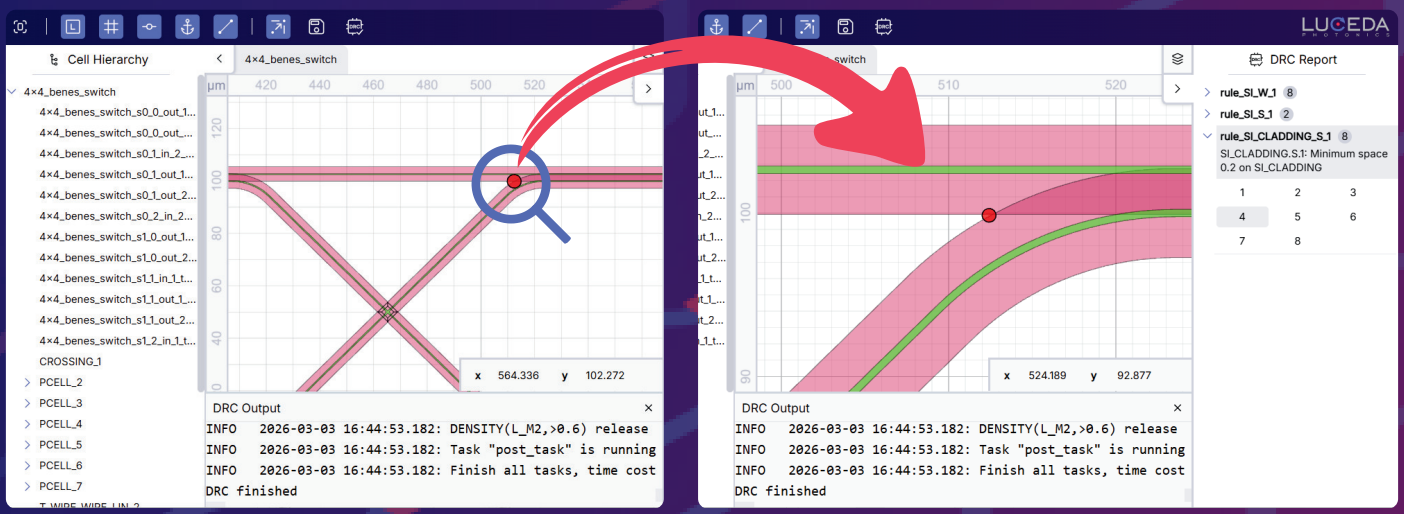
Detect issues early enough to avoid costly late-stage fixes, accelerating time to tape-out.

Streamline Foundry Collaboration

Reduce back-and-forth communication with foundries and shorten revision cycles by delivering cleaner, tape-out-ready designs.

TRY IT TODAY!

Run DRC with the Push of a Button



Supported Foundry DRC Decks

Are you looking for the most up-to-date information on **supported foundry DRC decks,** or for a **tutorial on DRC**?

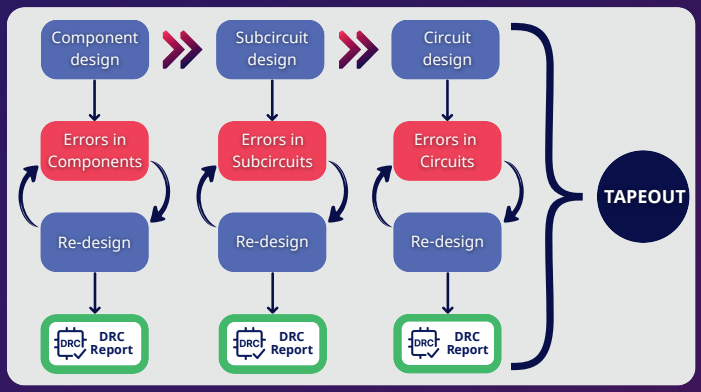
Scan the QR code to be the first to explore the newest foundry DRC decks and learn how to run DRC!

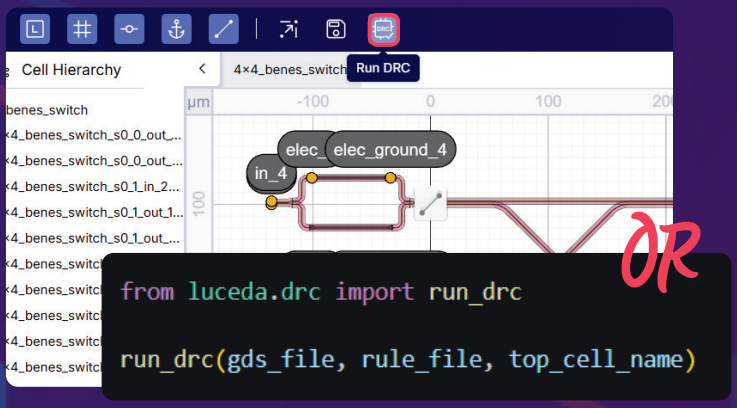
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Shift-Left Verification

- Bring DRC closer to your PIC design flow.
- Detect and fix issues faster during the layout phase.
- Reduce risk of costly late-stage redesigns.



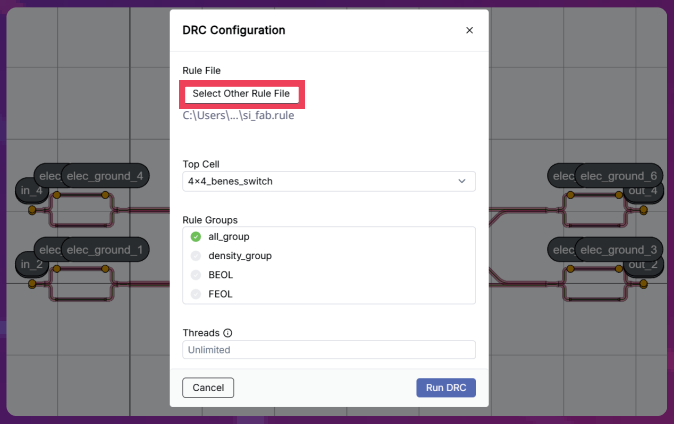


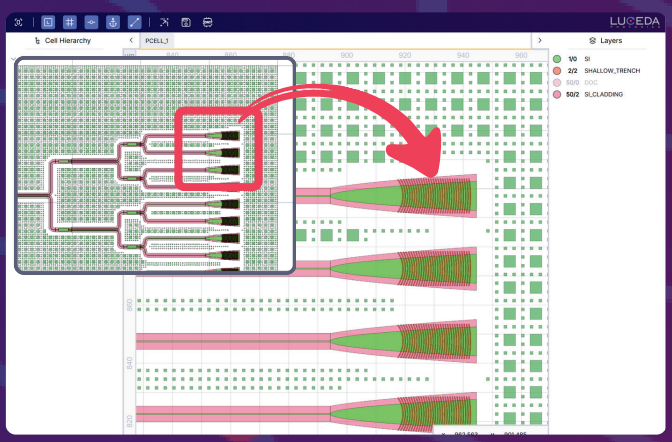
GUI or Code? You choose

- Run DRC directly inside your design environment with a single click,
- OR execute it from code.

Selective Rule & Layer Checks

- Avoid running the full DRC rule deck for every minor design change; instead, run only the checks you need.
- Select specific rules or rule groups and focus on what truly matters, without the need for custom scripting.





Foundry-Ready Density Control

- Ensure foundry compliance with native, PDK-driven density checks.
- Run density validation without custom scripting.
- Leverage fine density control via advanced dummy filling with secondary dummy filling.