



Performing CORNERSTONE's Pre-DRC Script in KLayout



Run DRC script

1. Open your design with KLayout
2. Open Macro Development via Macros in the tab
3. Select the DRC tab on the left
4. Click on the Import file icon at the top and select the file with the .lydrc extension provided by CORNERSTONE 
5. Double click the file in the DRC window to open the script
6. Execute the script by clicking on the run button 
7. DRC results will be shown in a Marker Database Browser once the execution is complete

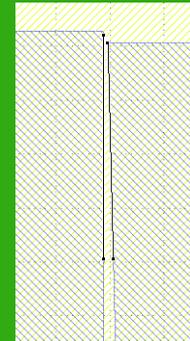
DRC Results (An example)

- Layers that have passed pre-DRCs are highlighted in green
- To locate DRC violations highlighted in black, click on a flag in Markers tab

Cell / Category	Count (Not Visited)
By Cell	2
[Chip_1]	2
Minimum gap violation (GDS4 < 350 nm)	2
By Category	2
Minimum feature size violation (GDS6 < 200nm)	
Minimum feature size violation (GDS3 < 350 nm)	
Minimum feature size violation (GDS4 < 200 nm)	
Minimum feature size violation (GDS5 < 250 nm)	
Minimum gap violation (GDS6 < 350nm and shorter than < max. length)	
Minimum gap violation (GDS6 < 250nm)	
Minimum gap violation (GDS3 < 200 nm)	
▶ Minimum gap violation (GDS4 < 350 nm)	2
Minimum gap violation (GDS5 < 250 nm)	
Minimum width violation (GDS39 < 600 nm)	
Minimum gap violation (GDS39 < 10 um)	
Minimum width violation (GDS41 < 2 um)	
Minimum gap violation (GDS41 < 10 um)	
Minimum width violation (GDS100 < 250nm)	
Minimum gap violation (GDS100 < 250nm)	

Markers

F	I	W



Minimum gap violation