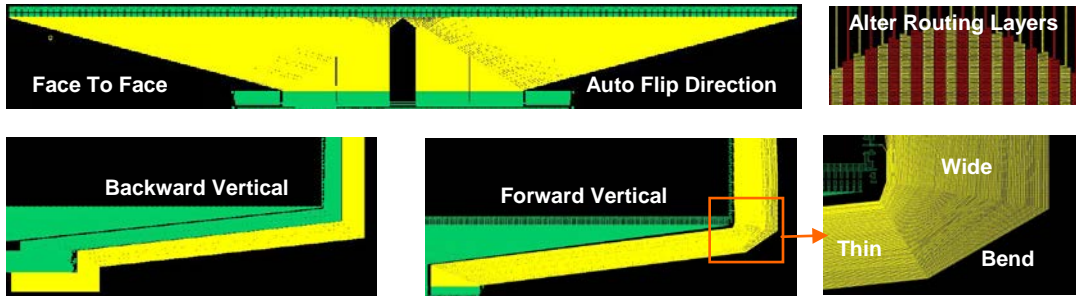


SKILLCAD Flat Panel Layout Editor

SKILLCAD Flat Panel Layout Editor provides cutting-edge solutions for Flat Panel Display Layout Design. It is seamlessly integrated into Cadence Virtuoso Layout Platform, compatible to both IC5 and IC6.

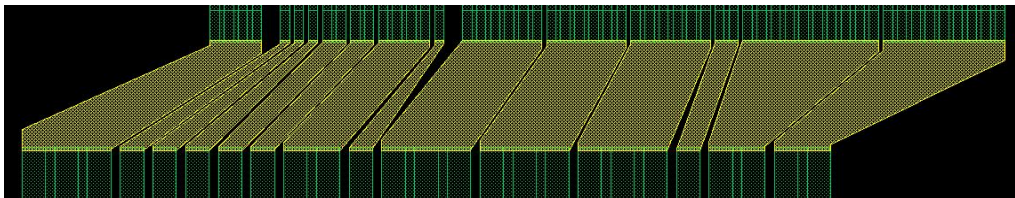
- **rRouter**

1) Auto (or interactive) route for common structures

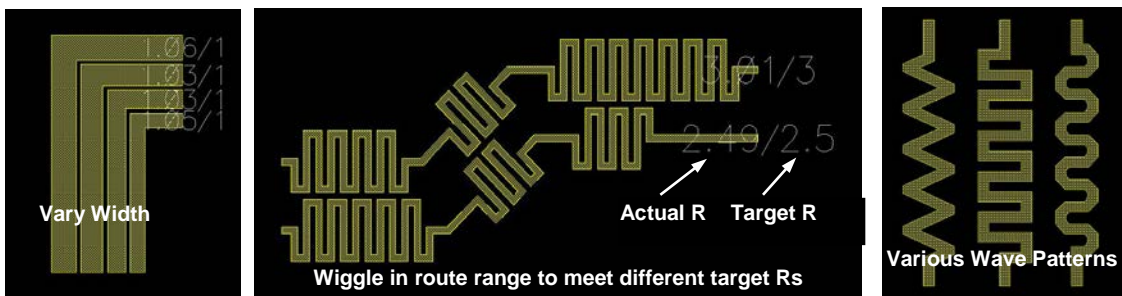


Width/wiggle patterns will be tuned on the fly to meet same R or target distributed R. Result can be save to a cell which can be interactively modified like a Pcell.

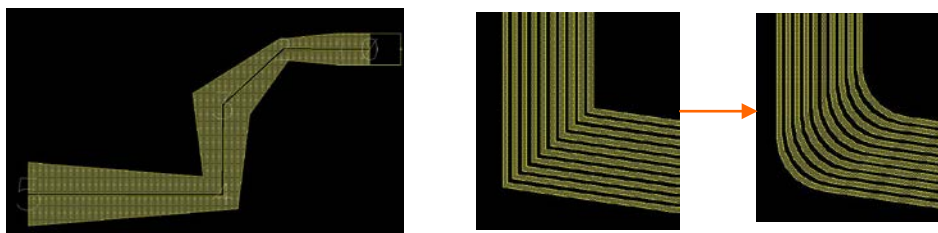
2) Direct pin to pin route (FPC to driver route)



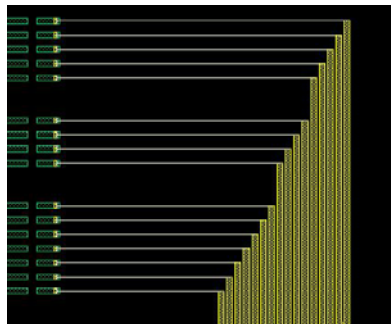
3) Real time R control



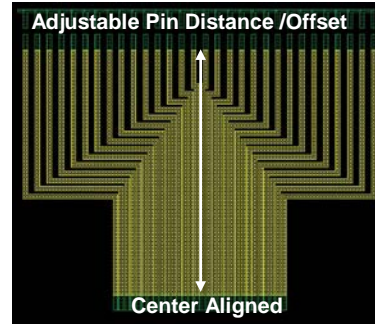
4) Any angle polygon router. Adjustable width/coordinates for each node. Round bus corner.



5) Adjustable pins/ending edge extensions. Placement adjustor



Routing edges are extended to align with ending pins.



Ending pins are extended to align with starting pins.

- **rChecker**

- 1) Measure point to point resistance for any path or polygon shape
- 2) Measure resistance for a group of path/polygon lines in one time
- 3) Check resistance by absolute/percentage difference from the neighbor or min. R
- 4) Interactive highlighting.
- 5) Sort by index, pin location, width, length, jogs, r value, deviation
- 6) Update report with process parameters: sheet R, corner effect or delta W
- 7) Output to a CSV file (for data analysis tools)

SKILLCAD rChecker

Close Help

Sheet R: 0.01 Corner Effect: 0.54 Delta W: [] Highlight With Color: [white] [dg] --

Non Path-Like Shapes [] R Label Size: [] Create CSV File Clear Highlight

Check R By: Dev/Min [] Update Report Start New Measurement

Index	Start_X	Start_Y	End_X	End_Y	Length	Width	Jogs	Resistance	Dev/Min
26	1534.000	-32396	1534.000	-32396	4446.070	3.484	320	11.446	0.004
25	1474.000	-32396	1474.000	-32396	4435.239	3.467	254	11.464	0.026
24	1414.000	-32396	1414.000	-32396	4436.291	3.476	330	11.407	0.021
23	1354.000	-32396	1354.000	-32396	4437.863	3.484	336	11.354	0.016
22	1294.000	-32396	1294.000	-32396	4440.114	3.474	342	11.375	0.018
21	1234.000	-32396	1234.000	-32396	4443.204	3.484	348	11.323	0.013
20	1174.000	-32396	1174.000	-32396	4435.927	3.478	352	11.309	0.012
19	1114.000	-32396	1114.000	-32396	4441.458	3.487	358	11.263	0.008
18	1054.000	-32396	1054.000	-32396	4437.249	3.485	362	11.244	0.006
17	994.000	-32396	994.000	-32396	4435.603	3.484	366	11.255	0.005
16	934.000	-32396	934.000	-32396	4436.993	3.486	370	11.208	0.003
15	874.000	-32396	874.000	-32396	4442.528	3.487	374	11.200	0.002
14	814.000	-32396	814.000	-32396	4442.014	3.489	376	11.185	0.001
13	754.000	-32396	754.000	-32396	4439.717	3.488	378	11.172	0.000
12	694.000	-32396	694.000	-32396	4439.322	3.488	376	11.181	0.001

- Other featured utilities:

SegEditor, Pin Merger, Connection Extractor, Object Placer, OffGrid fixer....
Visit www.skillcad.com for more information.