

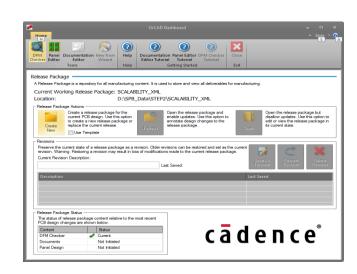
Официальный дистрибьютор - ООО «ПСБ СОФТ» www.pcbsoft.ru +7 (800) 333-97-22



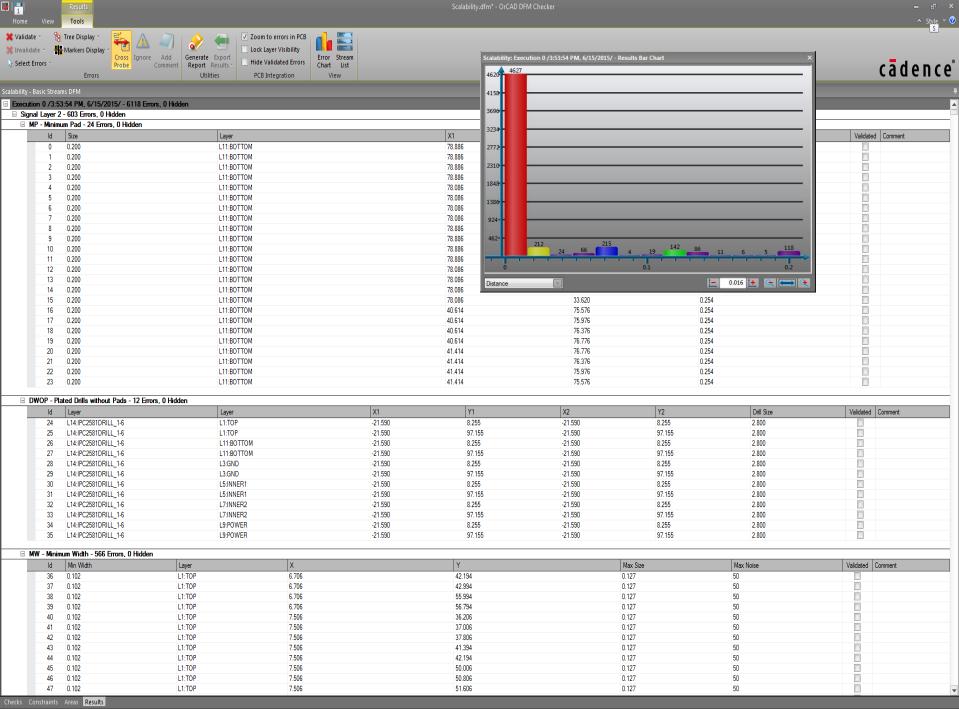
What is OrCAD DFM Checker?

- PCB analysis technology that identifies fabrication and manufacturing-centric design issues
- Powerful, yet easy-to-use, analysis for all design types from simple to complex
- Easily manages checks through rule sets that can be organized into layer types and sub-categories

Identify design issues that have the potential to lower yields and produce scrap



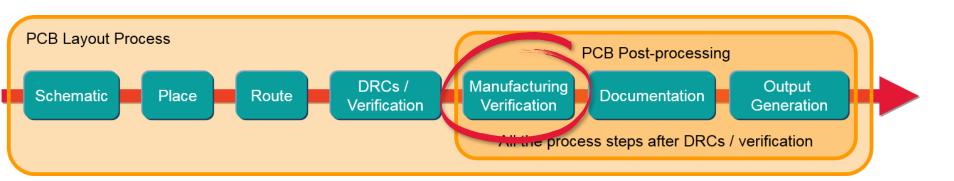




Ready

Why Check for Manufacturing Issues?

- Increasing design complexity requires more specialized checking vs. traditional CAD tool DRCs
- Designs that pass standard DRCs may still contain issues that result in low manufacturing yields, or costly scrap
- Correcting fabrication issues can help reduce the amount of design modification done by the fabricator
- If the fabricator is modifying your design, you have lost database integrity

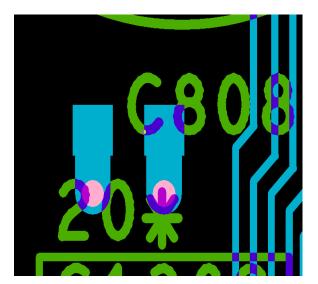


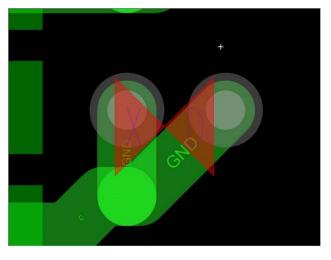
Key Features

- Quickly locate defects that could result in PCB scrap
- Create and store checking routines for re-use on other designs
- Define areas to run differing analysis such as BGA areas on a standard board
- Validate the results with charting and crossprobing
- Annotate errors for sharing of information in a design group

Identity DFF / DFM Issues

- Quickly locate and correct defects that could result in low manufacturing / assembly yields or scrap
 - Starved thermals
 - Acid traps / slivers
 - Missing traces
 - Incorrect drilling
 - Shorts resulting from layer merge

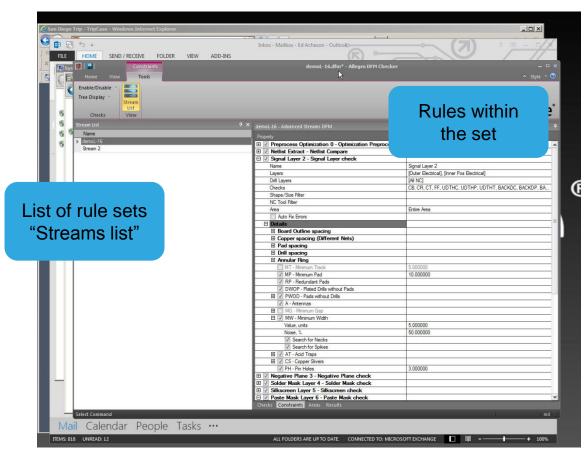






Store and Reuse Checking Rule Sets

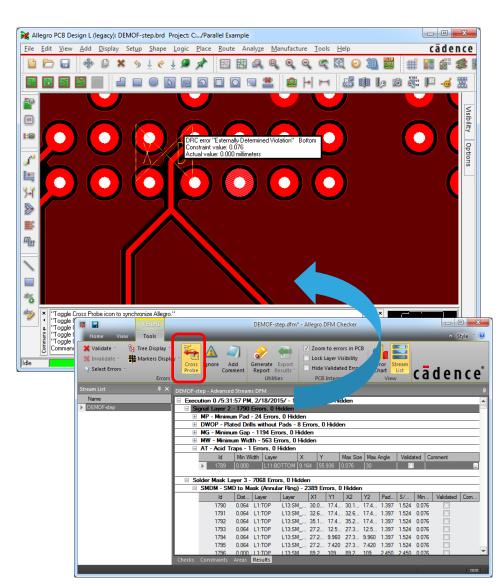
- Create rule sets that can be reused on other designs
 - Rule sets by types of designs
 - Rule sets by manufacturers capabilities





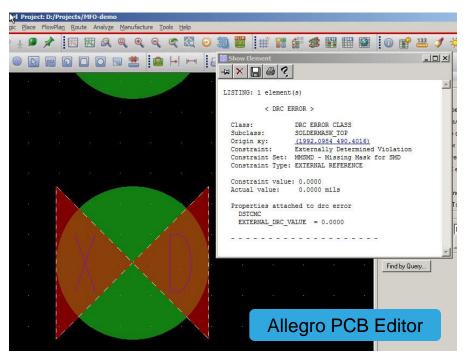
Cross-probing between DFM checker and PCB Editor

- Constraints and constraint regions extracted by DFM Checker
- Automatically creates a default verification "stream"
 - From the layer structure, constraints and constraint regions
- DRC markers added into PCB Editor
 - Selection in the error lists in DFM Checker will zoom to the error location in PCB Editor
 - Details shown through tooltip in PCB Editor





Missing mask in PCB Editor







CADENCE PCB SOLUTIONS