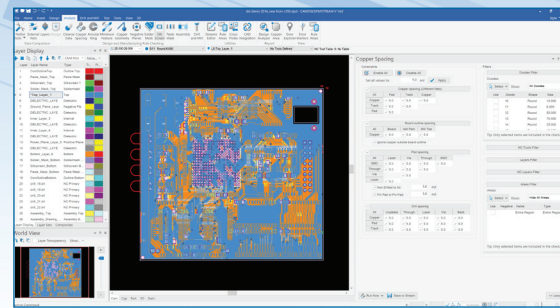


*Redesigned comparison features compares netlists, layers, and design revisions*



*Streamlined design rule check quickly checks Gerber and drill files to eliminate PCB scrap*

DFMStream is a comprehensive, yet easy to learn and use, tool designed to verify design and manufacturing rules.

- Placement and Routing DFM Analysis
- Batch Rule and Process Reuse
- Netlist /Layer /Design Comparison
- DFM Analysis Reporting
- CAM File Generation
- CAM File Verification
- Visualize 2D CAM Data as a 3D PCB

## The Importance of Identifying DFM Issues

PCB designs may unknowingly contain critical flaws that can derail the production process. By discovering and correcting these flaws early, costly production delays can be avoided, and design files can be properly maintained. It is a good practice to understand a design's complexities and to match it with a fabricator's qualifications before building the board.

## Analyzing the Design

DFMStream offers full verification of design and manufacturing rules at any time during the PCB design cycle. In this intuitive environment you can run analysis either as a one-time run or save the parameter settings to a batch stream file to run multiple processes sequentially. An integrated "Stream Editor" is standard with every DFMStream to queue up multiple processes and run them automatically.

- Comprehensive, fast, design data analysis and rule checking
- Seek out, identify, and repair design and manufacturing flaws
- Inspect for etching, soldermask, thermal, and spacing violations
- Reports with graphical displays to simplify analysis results
- Streamline quoting, manufacturing and communication

## The Benefits

DFMStream offers affordable, thorough, fast analysis, in a robust easy-to-use environment.

The completely redesigned GUI in DFMStream introduces a more streamlined, efficient ribbon style approach. Over 100 dialogs have been redesigned to eliminate redundancy and conform to more current standards. Comparison and analysis has been redesigned and consolidated to make it more intuitive and easier to run and re-run processes.

The Design Analyzer matches the PCB design requirements with the fabricator capabilities. Giving the user a quick Pass/Fail indicator showing whether the design is or isn't in compliance with the manufacturer's capabilities.

The stack up visualizer now offers an interactive graphic oriented visualizer that allows users to view the stack up in tabular, cross section and 3D.

Users can export the 3D PCB model into standard Adobe PDF output. Once exported, the PDF document can be shared with design team members or manufacturers for feedback. Adobe supports the ability to interact with the model through camera changes, panning and zoom, and pushing into the model's hierarchy.

The common database now allows for seamless communication among all DownStream products.