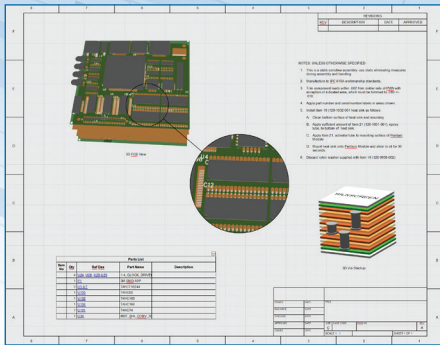


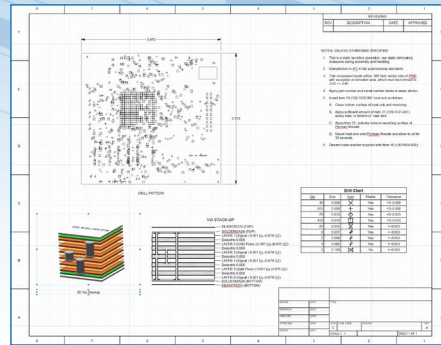


BluePrint-PCB®

DATASHEET



Use 3D models for superior illustration of PCB assemblies



Combine standard 2D drawing objects with 3D models to further articulate form, fit, and finish of the PCB

BluePrint-PCB works with your PCB CAD system and/or CAM350 to help you quickly produce comprehensive electronic drawings to drive PCB fabrication, assembly, and inspection processes.

- 3D Modeling
- Fabrication Drawings
- Assembly Panels
- Stack Up Details
- Assembly Drawings
- Assembly Variants
- Electro-Mechanical Assemblies
- Rework Instructions
- Bill of Materials

Importance of Documentation

Successful documentation records the form, fit, and function of a PCB. It drives the procurement process, aids manufacturing engineering, and is used in final inspection to verify the product was built to engineering's specifications. Documentation instructions are archived to ensure later production runs can be repeated successfully with the same level of quality.

Automating the Documentation Process

BluePrint-PCB knows it is creating a PCB document and imports the entire CAD database to automatically create and link unlimited PCB views and details, while at the same time maintaining the design intelligence. The end result is an electronic document that thoroughly articulates all the details and instructions for manufacturing. BluePrint now supports 3D modeling for even better visualization and communication.

- Automatically create PCB views, details, and tables from the CAD data
- Use live interactive documentation to better articulate instructions
- Add 3D models to PCB drawings for more effective communication
- Refresh data to support ECOs instantly
- Store all information together in one consolidated release package
- Share data between all DownStream products seamlessly with the new common database

The Benefits

PCB engineering groups can expect to reduce the documentation process to a fraction of time when using BluePrint-PCB. Not only does it automate the tedious mostly manual process, it also manages ECOs without any visible effort. Since all views, details, and charts of the PCB remain linked to the original CAD data, they are instantaneously refreshed in BluePrint whenever the CAD data is changed.

- Lowers documentation cost and increases details accuracy
- Reduces documentation time by as much as 60-80%
- Shortens PCB design cycles
- Improves manufacturing instructions with electronic live linked data and 3D modeling
- Simplifies manufacturing inspection