

BluePrint-PCB

MODULES	BluePrint-PCB	BluePrint Foundations
BluePrint Foundation	✓	✓
Fabrication Tool Pallet	✓	✓
Assembly Tool Pallet	✓	✓
Insert Object	✓	✓
Web Publisher	✓	✓
Advanced Feature Kit	✓	Option
Assembly Drawing Tool Kit	✓	Option
Advanced Customization Tool Kit	✓	Option
DXF Interface	✓	Option
Import Gerber	✓	Option
Pack and Release	✓	Option
CSV/ODBC Interface	✓	Option
PDF Interface	Option	Option
PADS Import	Choose One	Choose One
Allegro Import		
BoardStation Import		
Expedition Import		
Zuken Import		
OrCAD Layout Import		

BluePrint-PCB™ is offered in two configurations, BluePrint-PCB and BluePrint Foundations.

BluePrint-PCB Configuration Overview

BluePrint-PCB™ is designed for the engineering organization that requires a comprehensive solution to efficiently create PCB documentation. It includes all the modules needed to quickly create electronic PCB Fabrication and Assembly instructions and Panel and Rework Documentation.

BluePrint Foundations™ Configuration Overview

BluePrint Foundations' modularity allows organizations to configure a customizable solution to meet their exact technical and budget requirements, while still meeting their documentation needs.

Changing the way PCB Documentation is Done

BluePrint-PCB™ is a revolutionary new tool designed specifically for the creation of PCB documentation. Styled like a Microsoft® product, BluePrint automates the process of creating electronic PCB documentation and transforms a time-consuming and error-prone process into a simple and more accurate one.

BluePrint imports the entire PCB CAD database once to automatically create and link unlimited views, details and charts, while maintaining the design intelligence and overcoming constraints imposed by other alternatives. And, if the original CAD data is changed, it is instantaneously changed in BluePrint, saving time and increasing productivity.

Benefits to BluePrint include:

- Lowers overall cost for documentation creation
- Increases accuracy and detail of documentation
- Simplifies parts procurement and final inspection
- Allows designers to quickly move to next PCB design

BluePrint-PCB

Primary Modules and Descriptions

BluePrint Foundation – Includes GUI, database, drafting and basic dimensioning tools, common tool pallet with drag and drop elements, task panes, edit/preview/design modes, gallery, preset templates without editing, hard copy print options.

Fabrication Tool Pallet – Consists of basic fabrication drawing elements and tools. Support for PCB Views include board outline, drill pattern, drill chart – Support for Detail Wizards include: layer stack-up; finger chamfer, minimum trace width, V-Score.

Assembly Tool Pallet – Consists of basic assembly drawing elements and tools. Support for PCB views include: top/bottom side, parts list manager, integral parts list and component coordinate chart.

Insert Object – Allows the storage of external files within the BluePrint release package.

Web Publisher - Allows for the creation of PCB release packages in HTML format.

Advance Feature Kit - Adds additional functionality such as coordinate dimensions to the basic tool pallet and tool bar, BluePrint Reference Designator (BPRD) text box generator and blind buried via support in layer stack up, PCB views, and drill charts. Also enables “search” functionality.

Assembly Drawing Tool Kit – Allows PCB Views to be displayed by variant, variant manager, variant lists, variant status in parts list and variant legend. Allows Parts List to be displayed by variant in parts list manager. Also enables the importation of variant lists via CSV format. Enables displaying of PCB Views by process step, process step manager, process step chart, display of process, steps in parts list Manager. Enables side and sectional view wizards

Advanced Customization Tool Kit - Allows custom template creation and enables template tool pallet and format template dialogs, as well as Visual Basic scripting tools.

DXF Interface - Enables importation and exportation of DXF files.

PDF Interface - Enables importation and exportation of PDF files.

Import Gerber - Enables importation and exportation of Gerber files.

Pack and Release - Allows View-Only files to be created with and without integrated BluePrint viewers.

CSV Interface - Allows importation of parts list data in CSV format as well as extraction of CSV files for component coordinates and parts lists.

PADS® Import - Imports PADS ASCII

Allegro® Import - Imports Cadence® Allegro ODB++

BoardStation® Import - Imports Mentor® BoardStation ODB++

Expedition® Import - Imports Mentor® Expedition ODB++

Zuken® Import - Imports Zuken's CADStar® or Visula® ODB++

OrCAD® Layout Import - Imports Cadence OrCAD ODB++