



# Product Line of PCB-Investigator



**PCB-Investigator can be delivered in six different versions. The individual versions are designed for specific application areas and contain the appropriate plugins for the respective application.**

- Basis Version:** The Basic Version contains the most essential functions and is mainly designed for project leaders and purchasing.
- Ultimate Version:** The Ultimate Version provides access to all main tools. It is suitable for administration, manufacturing and development tasks or for small companies requiring a tool that combines the most important functions in one software package.
- Fabrication Version:** The Fabrication Version is designed for supporting the production process. EMS provider and PCB manufacturer are recommended to choose this version.
- Production Control Version:** The Production Control Version contains the same functionalities as the Fabrication Version, but also offers the possibility of direct access to machines.
- Electronic Developer Version:** The Electronic Developer Version includes the plugins to filter and process all relevant electronic information and thus ensure maximum functionality. This version is mainly suitable for hardware developer and circuit designers.
- Physics Version:** The Physics Version offers the same plugin scope as the Electronic Developer Version. In addition, this specialized version also includes the ability to simulate temperature, current density, and voltage drop on the board.

PCB-Investigator Editions	Basic	Ultimate	Fabrication	Production Control	Electronic Developer	Physics Developer
Automation Interface (.Net, C#, VB, .Net, C++)	✓	✓	✓	✓	✓	✓
3D View	✓	✓	✓	✓	✓	✓
Color Group Generation	✓	✓	✓	✓	✓	✓
DXF Export	✓	✓	✓	✓	✓	✓
Excel CSV Export	✓	✓	✓	✓	✓	✓
Exellon 1/2 Import	✓	✓	✓	✓	✓	✓
Full featured Graphic Station	✓	✓	✓	✓	✓	✓
Gerber274x Import / Export	✓	✓	✓	✓	✓	✓
Top Bot View	✓	✓	✓	✓	✓	✓
DFT Viewer	✓	✓	✓	✓	✓	✓
Add Image (PBG, JPG, BMP)	✓	✓	✓	✓	✓	✓
History Viewer	Only with EPL Subscription	✓	✓	✓	✓	✓
Symbol Library	Only with EPL Subscription	✓	✓	✓	✓	✓
Part Manager	Only with EPL Subscription	✓	✓	✓	✓	✓
Package Manager	Only with EPL Subscription	✓	✓	✓	✓	✓
Part Matcher	Only with EPL Subscription	✓	✓	✓	✓	✓
ODB++ Import / Export	✓	✓	✓	✓	✓	✓
IPC2581 A/B/C Import/Export	✓	✓	✓	✓	✓	✓
DPF Import	✓	✓	✓	✓	✓	✓
EAGLE BRD XML Import	✓	✓	✓	✓	✓	✓
GenCad 1.4 Import / Export	✓	✓	✓	✓	✓	✓
IDF Import / Export	✓	✓	✓	✓	✓	✓
IDX Export	✓	✓	✓	✓	✓	✓
Step Import / Export	✓	✓	✓	✓	✓	✓
DXF Import	✓	✓	✓	✓	✓	✓
IPC 356 Import / Export	✓	✓	✓	✓	✓	✓
Sieb & Meyer Import / Export	✓	✓	✓	✓	✓	✓
Zuken CR5000 ASCII Importer	✓	✓	✓	✓	✓	✓
Fabmaster Import	✓	✓	✓	✓	✓	✓
Posalux Exort	✓	✓	✓	✓	✓	✓
ASM OIB Export	✓	✓	✓	✓	✓	✓

ASM QD Export		✓		✓		
PDF Import		✓			✓	✓
Takaya Export				✓		
PADS ASCII Import		✓	✓	✓	✓	✓
Viscom SPI/AOI/AXI Export				✓		
Modus Exort						
Mycronic Export				✓		
Tri Export				✓		
Goepel Export				✓		
Elowerk Export				✓		
AVL Converter Import		✓	✓	✓		
Seica Export				✓		
i3070 Export				✓		
Spea Export				✓		
PCT Export				✓		
SVG Import/Export		✓	✓	✓	✓	✓
AOI High Resolution B/W Images Export (RIP)		✓	✓	✓		✓
3D PDF		✓	✓	✓	✓	✓
Documentation Creator		✓	✓	✓	✓	✓
AOI Analysis		✓	✓	✓	✓	✓
Bare Board Analysis (DRC)		✓	✓	✓	✓	✓
Component Analysis (DFA)		✓	✓	✓	✓	✓
Tombstone Analysis		✓	✓	✓	✓	✓
Stencil Analysis		✓	✓	✓		
Component Connection Analysis		✓			✓	✓
Impedance Analysis		✓			✓	✓
Hazard Analysis		✓			✓	✓
DFM Analysis		✓	✓	✓		
Creepage Analysis		✓			✓	✓
Design Report		✓	✓	✓	✓	✓
Dimensioning		✓	✓	✓	✓	✓
Extended Design Report		✓	✓	✓	✓	✓
InstanceSync		✓	✓	✓	✓	✓
Graphic Board Compare		✓	✓	✓	✓	✓
Database Compare		✓			✓	✓
Panel Builder (includes Nesting)		✓	✓	✓		
Component Report		✓	✓	✓		
Component Edit		✓	✓	✓		✓
Sign Tool		✓	✓	✓	✓	✓
Test Point Report		✓	✓	✓	✓	✓
PDF Sync for schematic and mechanical drawings		✓			✓	✓
Net Length		✓			✓	✓
Net Group		✓			✓	✓
Net List		✓			✓	✓
IBIS File Viewer		✓			✓	✓
Power Pin Wizard		✓			✓	✓
Capacity Calculator		✓			✓	✓
Project Organizer		✓			✓	✓
Order PCB Report		✓	✓		✓	
Stencil Area Editor		✓	✓	✓		
Stencil Generator		✓	✓	✓		
BOM Expert		✓	✓	✓	✓	✓
Part Library		✓	✓	✓	✓	✓
Package Library		✓	✓	✓	✓	✓
Symbol Library		✓	✓	✓	✓	✓
C# Script Engine		✓	✓	✓	✓	✓
Design For Test Management (DFT)				✓		
Test Coverage Report				✓		
Machine Formats				✓		

Thermal Simulation						✓
Heat Exchange Calculator						✓
Current Density Simulation						✓
Voltage Drop Simulation						✓
<b>PCB-Investigator Editions</b>	<b>Basic</b>	<b>Ultimate</b>	<b>Fabrication</b>	<b>Production Control</b>	<b>Electronic Developer</b>	<b>Physics</b>

Changes reserved

<b>Subscriptions</b>	<b>Basic</b>	<b>Ultimate</b>	<b>Fabrication</b>	<b>Production Control</b>	<b>Electronic Developer</b>	<b>Physics</b>
PLM Data Management	✓	✓	✓	✓	✓	✓
EPL Part Library	✓	✓	✓	✓	✓	✓
Design Explorer	✓	✓	✓	✓	✓	✓
PLM Explorer	✓	✓	✓	✓	✓	✓
History Report		✓	✓	✓	✓	✓
Management Web Portal	✓	✓	✓	✓	✓	✓
Data Transfer Service	✓	✓	✓	✓	✓	✓