DipTrace — Change List

Minor changes not included in the main feature list published on the website.

Version 5.3.0.3 (relative to 5.3.0.2)

PCB Layout

1. Polished interactive editing: eliminated trace intersections with other traces that occurred in various situations and caused errors.
2. Added a Via in SMD Pad option for interactive routing (forbidden, manual editing only, or allowed).
3. Fixed a crash when moving a certain component with the display of additional fields enabled.
4. Fixed missing text inside a certain component downloaded from SnapMagic.

Schematics

1. Fixed a crash when opening a pattern that had deleted pads and incorrectly switched internal connections after an XML roundtrip.

Component Editor

1. Fixed a crash when opening a pattern that had deleted pads and incorrectly switched internal connections after an XML roundtrip.

Version 5.3.0.2 (relative to 5.2.0.4)

General

1. Added Ω (Omega) and µ (Mu) symbols to the vector font.

PCB Layout

1. Improved Cross Selection behavior.
2. Fixed mounting holes being drawn on top of other components.
3. Fixed incorrect resizing of the Text and QR Code properties dialogs.
4. Fixed inconsistency between the Real-time DRC and Show Errors flags in Edit Traces mode.
5. Added a setting for how Copper Pour is written to XML.
6. Fixed loss of multi-part status for a rotated component when opening XML.
7. The Connectivity Check Result window now shows the full list of pads.
8. Fixed some components switching side during P-CAD import.
9. Restored solder mask display on vias in 3D Preview.
10. Fixed a hang during PADS import.
11. Fixed the library synchronization system — resolved a case where a library could be overwritten with its default state.
12. Fixed attenuation calculation in the PCB Calculator.
13. A Shape connected to a pad is now highlighted with the corresponding net color.
14. Fixed board outline geometry when exporting to STEP.
15. Fixed import of certain STEP files created in ZooCAD.
16. Fixed STEP export when the board outline contains duplicate vertices.
17. In the Find in Layout window, the Undo/Redo hotkeys no longer trigger on the working area.
18. Fixed an incorrect Fixed Ring value written for a pad on a Plane layer during ODB++ export.
19. Fixed the Open Solder Mask plugin on arc-shaped segments.
20. Pouring of multiple (or all) copper pours is now parallelized across threads for better speed.

21. Fixed component rotation issues during XML import/export.

Schematics

1. Improved Cross Selection behavior.
2. Fixed unwanted component rotation after a plugin run under certain settings.
3. Fixed loss of a changed pin length in XML.
4. Fixed multi-part handling issues during XML import/export.

Pattern Editor

1. Fixed import of certain STEP files created in ZooCAD.