

List of fixed bugs in DipTrace 5.1.0.1 if compared to 5.1.0.0

General

1. Correct window and message positions for vertical multi-monitor systems.

PCB Layout

1. Improved editing of related trace segments and the option to turn it off.
2. Removing overlapped net names on traces (was possible in solid regions made of traces).
3. Removed optimizing of sharp trace angles for moving and rotation of components with connected traces as a single block.
4. Polishing of push and shove algorithm.
5. Export DSN: parentheses are replaced with underscores for compatibility with some autorouters.
6. Import PADS VX: fixed issues with mounting holes, nets, non-signal layers, via styles.
7. Import Altium ASCII: fixed issues with mirroring and rotation of footprints and obround pad holes.
8. ODB++ Import and Export: fixed pads with incorrect blind holes, component markings, saving import result without "read-only" warning.

Schematics

1. Import PADS VX: fixed issue with pin names

Component Editor

1. Scrolling pin table with mouse-wheel in pin manager.

List of fixed bugs in DipTrace 5.1.0.0 if compared to 5.0.0.1

PCB Layout

1. Bug-fix: highlight of dimensions in hidden layer of the opposite side of the board

Schematics

1. Bug-fix: verification of hierarchy reported false "connected differential pair" error in hierarchical schematic with several instances of the block and pairs, connected to them via hierarchical pins.

List of fixed bugs in DipTrace 5.0.0.1 if compared to 5.0.0.0

General

1. Restoring window size and position when reopening any of the programs.

PCB Layout

1. Push and Shove Router:
 - significant improvement in pushing vias and "traces with vias";
 - several issues and bugs have been found and fixed.
2. Bug-fix: graphics behavior for round-rect/obround pads in "Highlight Net" feature in PCB Layout (graphics speed optimization was made in 5.0, but some things didn't work as expected).
3. Bug-fix: BOM was not made correctly for the components with the assigned supplier from Octopart. We were forced to remove Octopart support due to their updated policy. Starting from 5.0.0.1 BOM works correctly for all components, and we are looking for a new component supplier API/engine.
4. Bug-fix: significant speed and progress displaying behavior in Via Stitching feature.
5. Bug-fix: traces were not imported from the latest versions of KiCAD file format.
6. Bug-fix: pin signal for spice model was entered and saved correctly only in the field under signal table, but not directly in the table.

Schematics

1. Bug-fix: BOM was not made correctly for the components with the assigned supplier from Octopart. We were forced to remove Octopart support due to their updated policy. Starting from 5.0.0.1 BOM works correctly for all components, and we are looking for a new component supplier API/engine.
2. Bug-fix: non-standard short-circuit settings may cause reporting of nonexistent errors after Schematic start and until ERC window opening.