

Release Notes GC-PowerStation v8.3

Table of Contents

- NEW FEATURES** 2
- ENHANCED FEATURES**..... 2
 - ON LINE HELP..... 2
- ITEMS FIXED SINCE V8.2.2** 3

New Features

This release does not contain any new functionality, only bug fixes. However, we have been working hard on a number of new features and functions that are currently being tested. These will be available in upcoming releases and we appreciate your patience and understanding in allowing us to release a fully tested and working product.

Enhanced Features

On Line Help

GraphiCode is in the process of putting all help information onto our website to allow faster and more accurate updating, easier access and reduced product size. Function information is available to all users but additional information is only available to customers with a valid Annual Support Plan. There will be a period of overlap where the Help files are still shipped with the product but all future Help information will be placed on the website.

Items Fixed since v8.2.2

This list is customer reported issues fixed for this release.

- #4236 Added a GC-Basic function to allow the specification of directories to better manage default locations from the scripting environment.
- #4220 Fixed an issue that caused a spurious trace and additional full circle arc to be created during the creation of teardrops.
- #4219 Updated the Auto Convert Sketched Pads (ACSP) algorithm to correctly converted specific aperture constructions within this dataset.
- #4217 Fixed problem with contour generation during isolation routine.
- #4216 Added additional length to Pad attributes. We now allow 30 bytes for each pad aperture attribute.
- #4215 Fixed an issue that caused incorrect result when Remove Inner Unused Pads was run.
- #4210 Problem with internal assignment of attributes resulted in the pads and traces being scaled differently in this specific dataset.
- #4207 Fixed polygon normalization issue that resulted in a netlist failure.
- #4206 Updated the ACSP algorithm to correctly handle certain Slit aperture constructions.
- #4204 Fixed issue that caused crash during Reorder Polygons.
- #4198 Added GC-Basic function to Carry and Drop the crosshair.
- #4192 Fixed an application crash when running DFM Soldermask checks on this dataset.
- #4190 Added functionality to handle illegal self-intersecting polygons upon import of Gerber data. Any self-intersecting polygon that is detected triggers a user warning asking if the user wants to fix the illegal polygon. If the user answers Yes then the polygon is fixed. If the user answers no then the illegal polygon is retained and currently there is no function available to fix the polygon within the application.
- #4185 Fixed a netlist failure issue that was caused by an intersecting illegal polygon. (The fix to #4190 would have modified the data upon import).
- #4008 Now correctly scale added Custom Text as per user expectations. The scaling and undoing of the scale function resulted in a difference between the starting image and the result after undo.