Release Notes   GC-CAM Edit v10.2

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New Features

Enhanced Features

Auto-Convert Sketched Pads

Solderpaste apertures that contain a small void in the center of a custom pad are now detected and the user is given the option to convert the aperture to a single pad entity without voids or to maintain current behavior and have the original construction remain (including voids). Larger voids are ignored, as per current behavior, in order to prevent the generation of redundant internal contours for stencil apertures.

New GC-Basic function

We have added a new GC-Basic function to allow the deletion of padlist and tracelist entities. This function provides a method of deleting information directly from the padlist or tracelist iwithin GC-Basic and rapidly improves execution times for certain scripts.

Items fixed since v10.1.2

This list is customer reported issues fixed for this release.

#4437   Resolved an issue when exporting round pad information into basic unfilled DXF data. The data was previously being output as centerline data.

#4434   Incorrectly located component pin issue now resolved for v7.1 ODB++ files.

#4433   Certain apertures were loading in the wrong units due to an update to the ODB++ v7.1 specification. This issues has now been fixed.

#4431   Updated the export of DPF data to correctly handle a previously defined non-block aperture as a block aperture with rotation subsequently applied.

#4430   Panelized layer copy now correctly displayed on screen. Previously the draw engine was interpreting the offset values for certain layers incorrectly.

#4428   Auto-convert now handles poorly constructed fiducial pads (containing voids) allowing their definition for solderpaste inspection output.

#4427   Arced polygon now correctly interpreted by the draw engine. Problem manifested in DPF import display.

#4424   Fixed a dangling pointer issue in one of the modules that manifested itself as a crash when trying to New Tool a trace aperture to a zero-width draw.