Integr8tor v2021.04

Fixed issues

Your continued feedback is important and appreciated. This version resolves the following issues you have raised with our Customer Care department.

- Autoclean occasionally failed to remove smaller-sized copper pads under non-plated drill holes. This has been corrected.
- Autoclean's copper-on-NPTH removal was not performing as expected on non-plated slots. The algorithm has been refined to take proper account of these situations.
- Tool classification (Via-Component- …) was not always coming out with the correct results. This could impact on the quality of the via and component pad annular ring results in QED. The tool classification engine has therefore been overhauled.
- Under circumstances, the tool classification present in an ODB++ file could be unintentionally discarded. This has been addressed.
- The drill tolerance max and min properties on drill tools in an ODB++ data set were not passed correctly to Integr8tor's drill editor. This info is now processed correctly.
- Archives with escaped HTML characters in their file name (e.g. XM.A311D2.A.TEST单板gerber文件.zip) could not be submitted to Integr8tor via its Web Integration interface. This is no longer an issue.
- Drillmap layers could potentially mislead outline recognition. This has been solved.
- A job's original external netlist reference layers were sometimes overwritten by Integr8tor's own internal netlist reference layers. This has been fixed.
- A case has been addressed where the input of an Eagle .brd file did not produce the intended image
- Occasionally, PadMaker was not picking up contourized pads. All reported cases are now processed correctly.
- An inconsistency has been corrected where the name of a tool table was entered and saved correctly during a web / hotfolder setup, but was not re-appearing in the web / hotfolder's setup dialogue later on.
- When a manual correction to the layer stackup did not imply electrically significant layers, the corrected stackup would not be picked up by Integr8tor's self-learning engine. From now on, all stackup modifications qualify – as intended – for self-learning.
- Input archive and layer file names with single quotes (') do no longer pose a problem in AutoInput.
- Archives where all layer names happened to include a string that is also a layer function (e.g. abc-mask01; abc-mask02; abc-mask03; ..04; ..05; …) were producing an incorrect stackup. This malfunction has been remedied.
- The Finger Size unit in the QED section Copper Areas was showing "inch x inch" instead of "mil x mil" when the system unit is set to imperial. This has been corrected.
- An issue has been fixed where the use of custom-defined copper layer subclasses in a rename script could impact on the outline recognition.
- In exceptional cases, a Fab.pho Gerber layer could be recognized as drill layer, rather than as a drawing. This is no longer the case.
- If in the course of a check-out/check-in to ODB the board outline was changed on the Genesis/Incam system, the dimensions of the job view image on the QED PDF report were incorrect. This case is now dealt with correctly.