

UcamX Fixes - v2020.06

CAD Output:

Gerber

2640

Sometimes UcamX was hanging, with Java exception given in messages window, while creating an output. This issue has been noticed when Java version 11 was involved. These outputs can be created successfully again, also by using Java version 11.

ODB++

2632

ODB++ v7 output of COMplex apertures representing Half Oval ODB++ symbols could be output with as standard symbols, although parameters and flash position could be incorrect. These COMplex apertures are output a custom symbol, with corresponding image, again.

Drill Output:

Classical Drill

2610

Loading a Tools file, in Tool Editor, was not always displaying the correct tool diameters that are stored in the .too file. Loading a Tools file is correctly displaying the values stored in the file.

Editing:

Transform

2137

Performance of applying transformations on selected objects has been improved.

Editing Tools:

Contours

2565

With ucam.db key `contourize.analytic.arc.expand.margin.dynamic` set to 1 the images are correct.

Rout

2016

Switching direction of all groups, in Rout Manager, was causing Java NullPointerException. switching the direction of the rout chains can be completed successfully, without any Java exception.

Electrical Test:

ATG

2794

Improvement to ensure all outer layer copper islands will have at least 1 testpoint.

2795

Improvements to reduce unusable complex testpoints where small overlaps with Copper pad and mask exist.

Fault Station:

2609

Fault files with error types 17-24 can be loaded.

Input:

PDF

2777

Updated ICEpdf ensures correct input of PDF files.

Job Management:**Merge Job****2674**

Modify Layer is verifying if the combination of subclass, attach and index number is unique in your job. In case the entered values are already used for another layer (or layers) the operator gets warned.

Save Job**2674**

Issue of stack overflow is solved by increasing the size of uwrk.exe.

Netlist:**Profile****2490**

Netlist profile shows profile of all levels.

SmartDRC:**SameNetSpacing****1705**

Running Same Net Spacing verification could cause UcamX crash on certain jobs. The Design Rule Check can be completed successfully on these constructions.

Verification:**Copper Repair****2624**

Peelable, could be losing a clearance while solving a nearly peelable. Clearance is remaining.

View:**Query Object****2167**

Numerical problem in Enhanced Edit is solved.
