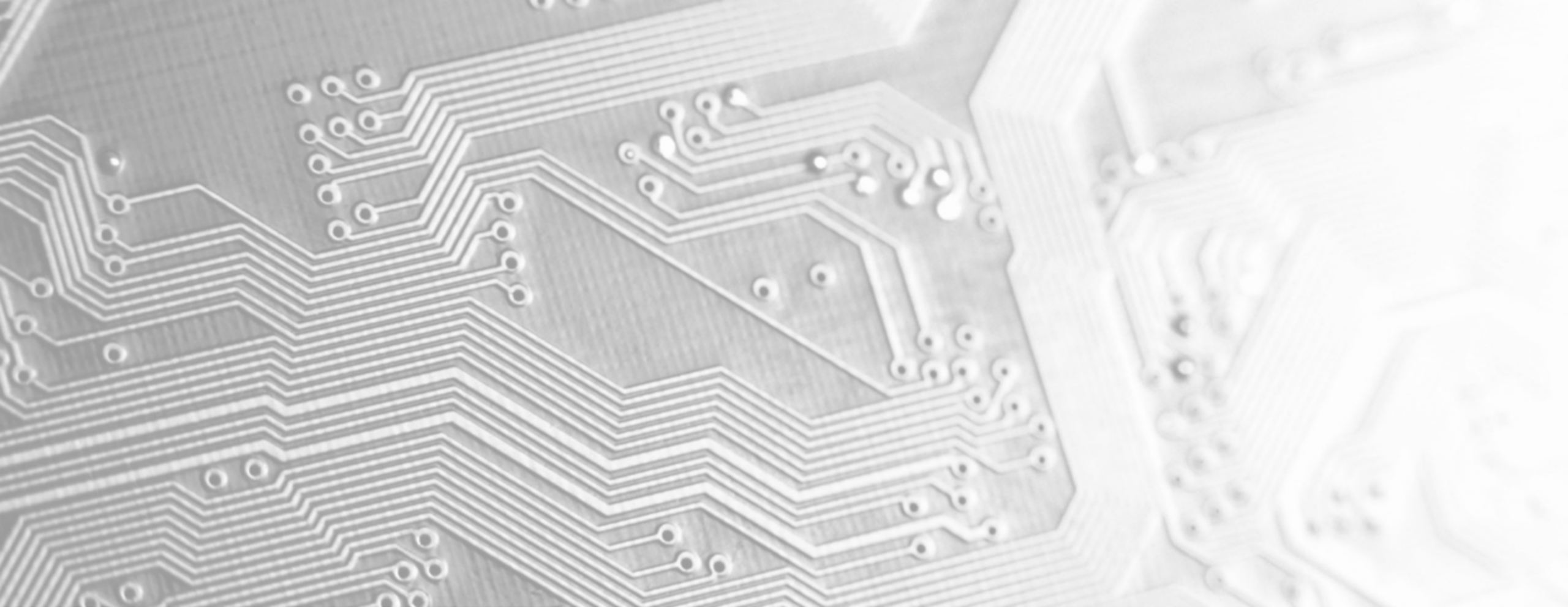


UcamX 2016.12 Release Notes

December 2016

UcamX

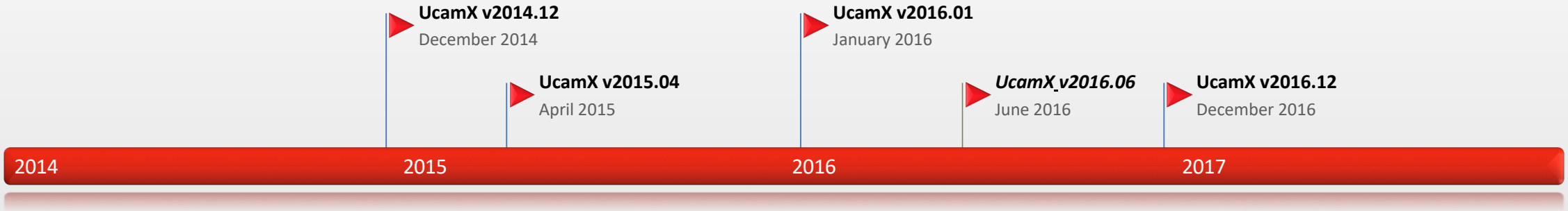
Version 2016.12

64 Bit

Multi Core

UcamX v2016.12 Release Notes

Commitment to regular updates



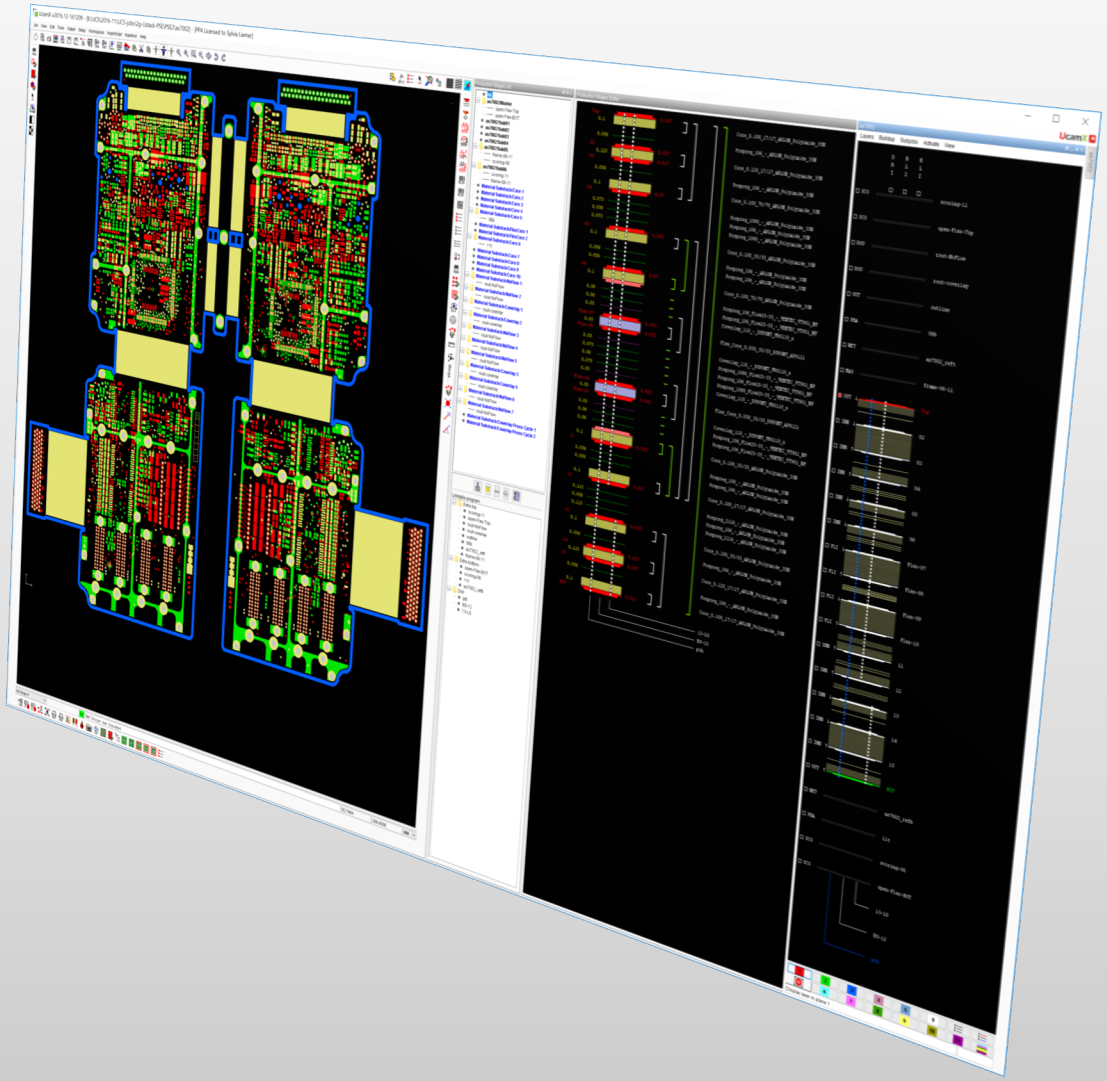
Version	Release date	Highlights
2014.12	December 2014	Workspace GUI, Parallel processing
2015.04	April 2015	Load balanced sessions, Gerber X2 Input support
2016.01	January 2016	Background output, Parallelized image compare
2016.06	June 2016	Maintenance update
2016.12	December 2016	New insert Arc command, Improved Sieb&Meyer rout import

UcamX v2016.12 Release Notes

General

UcamX v2016.12 is a maintenance release but next to bug fixes it also brings improvement to the following functions

- Tear drop generation
- Sieb & Meyer input
- Insert arc option
- Text output in ODB++
- Copper balance

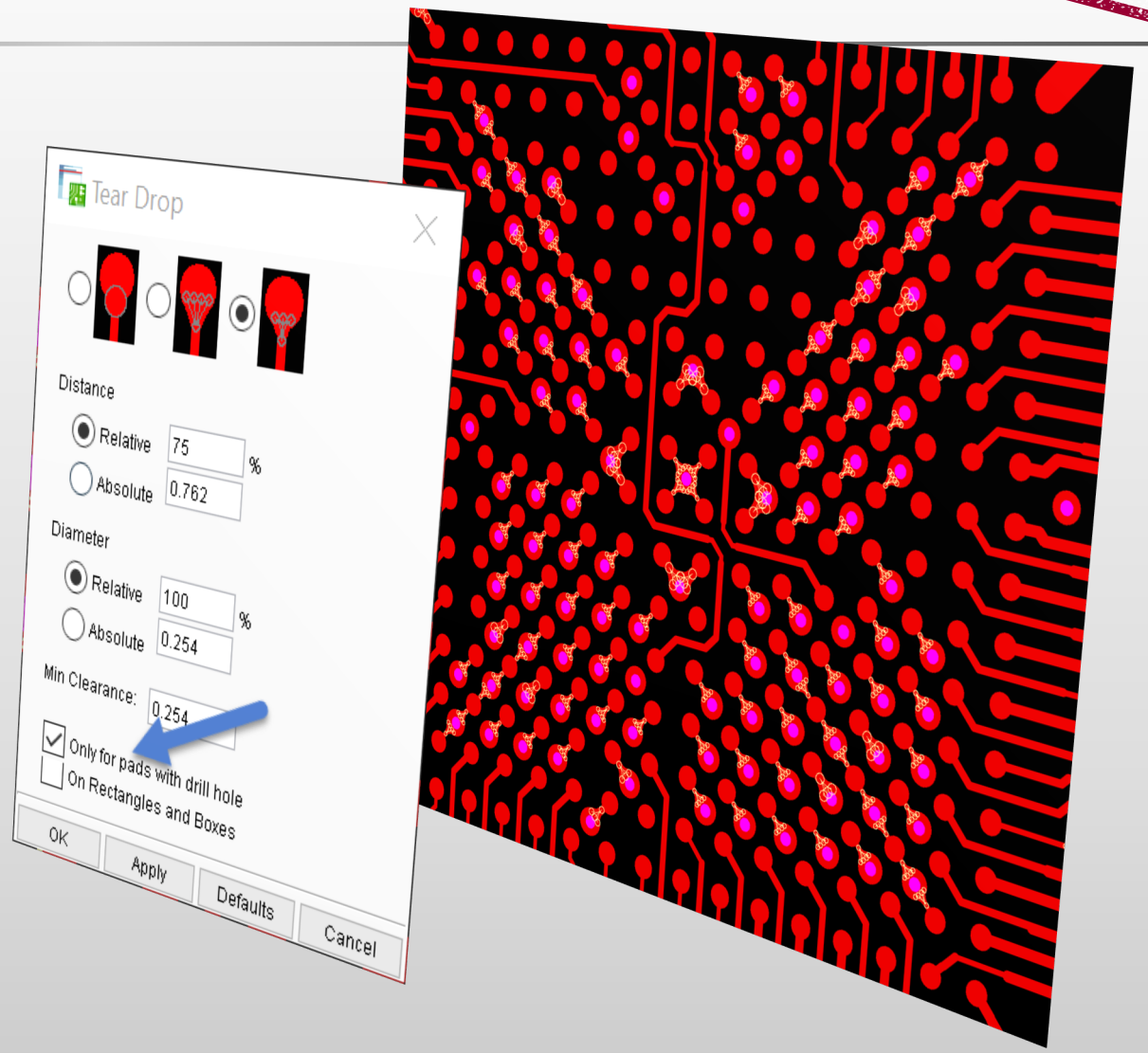


UcamX v2016.12 Release Notes

Tear Drop Generation on Drilled Pads only

Time Saver

Tear drops can now directly be generated on drilled pads *only*, without the need for selections.



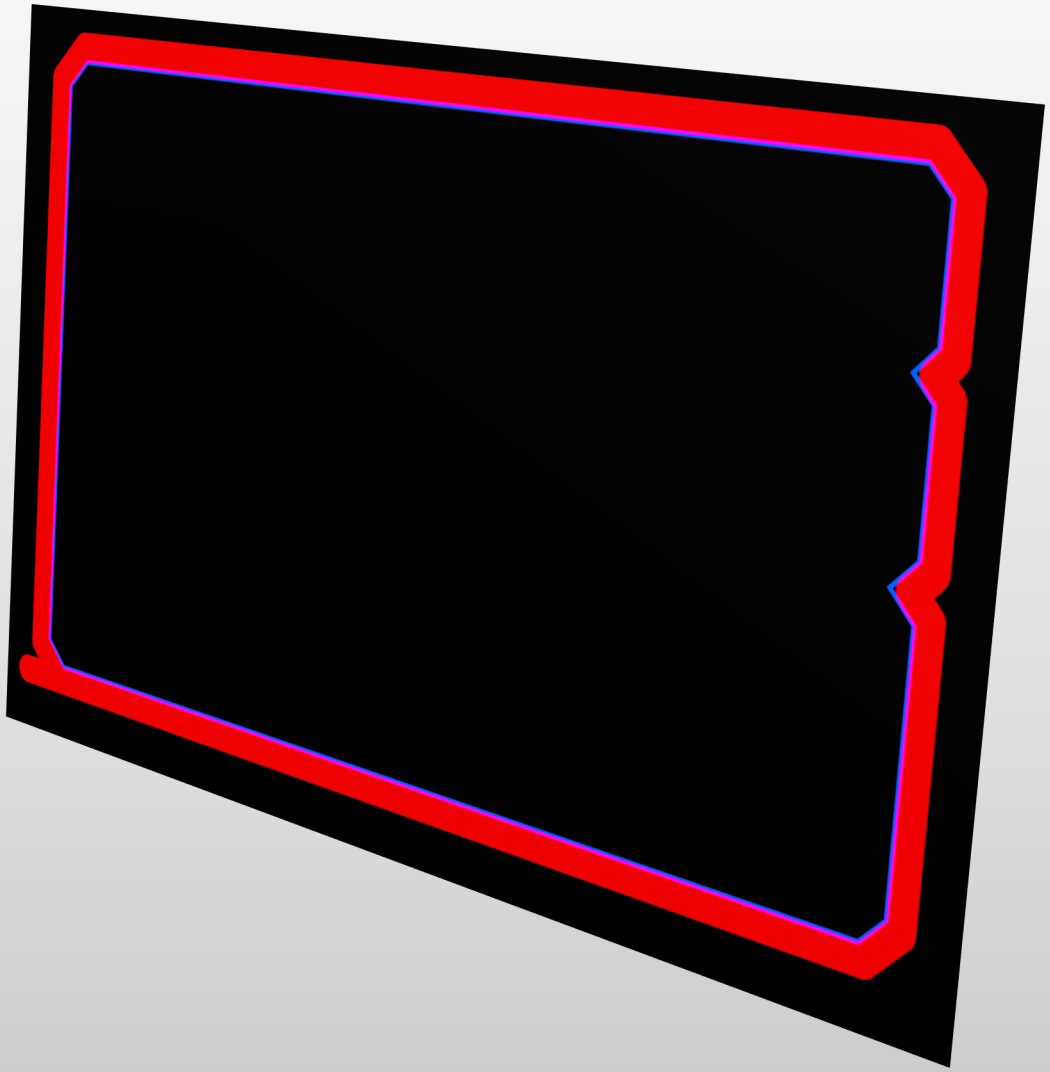
UcamX v2016.12 Release Notes

Sieb & Meyer Input – Handling Negative Tools

Performance Booster

Negative diameters in tool footers, often indicating rout tools, are now converted to positive diameters on input. The following warning is given:

Negative tool diameters in header have been reversed



UcamX v2016.12 Release Notes

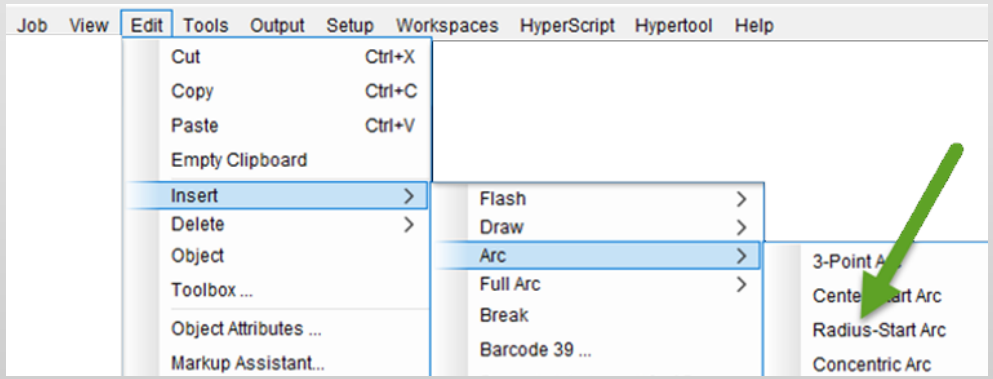
Insert Arc by Start, End and Radius

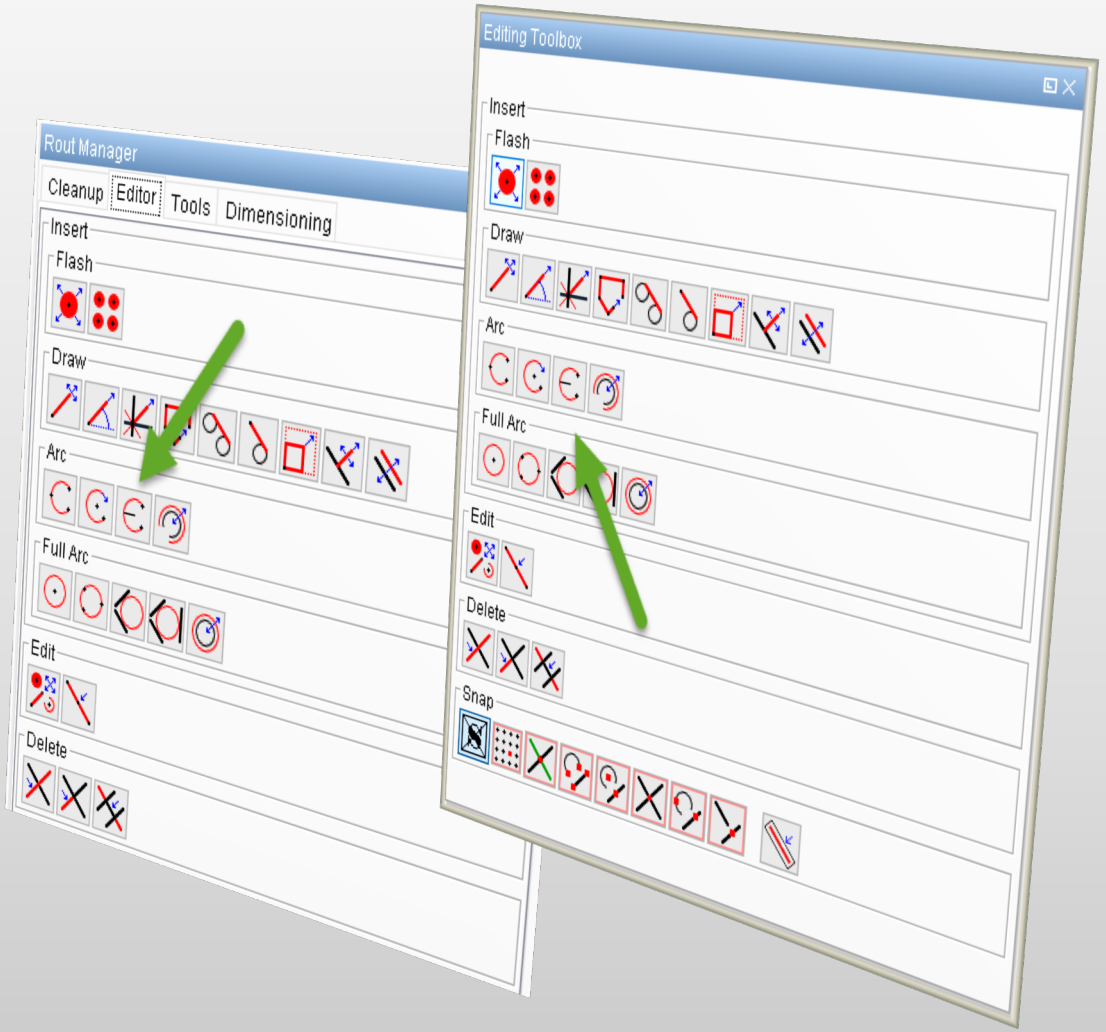
Performance Booster

Arcs can now be created by specifying start point, end point and radius.

This new option is provided in

- The Insert Arc menu,
- The Editing Toolbox
- The Rout Manager dialog



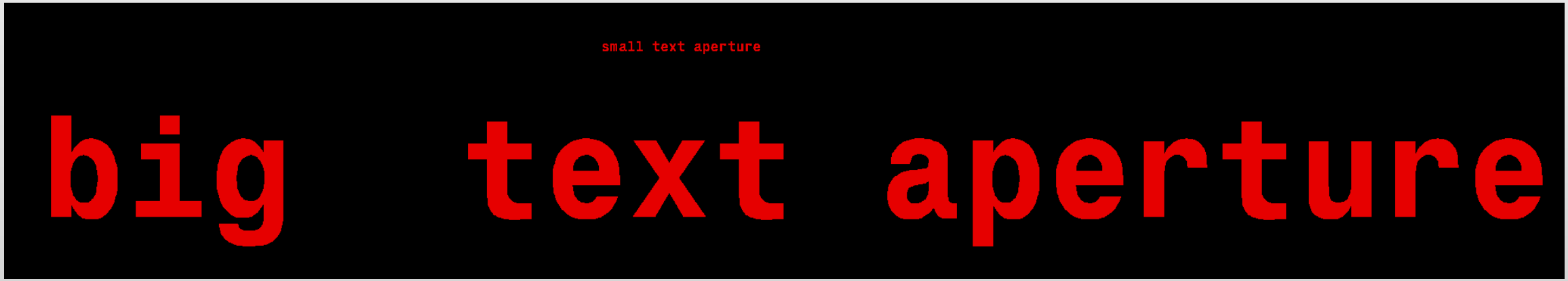


UcamX v2016.12 Release Notes

Better Text Output in ODB++

In ODB++ output, the width allocated to the text apertures is now takes into account the text height.

This offers the best text proportions and makes small and big text more legible.

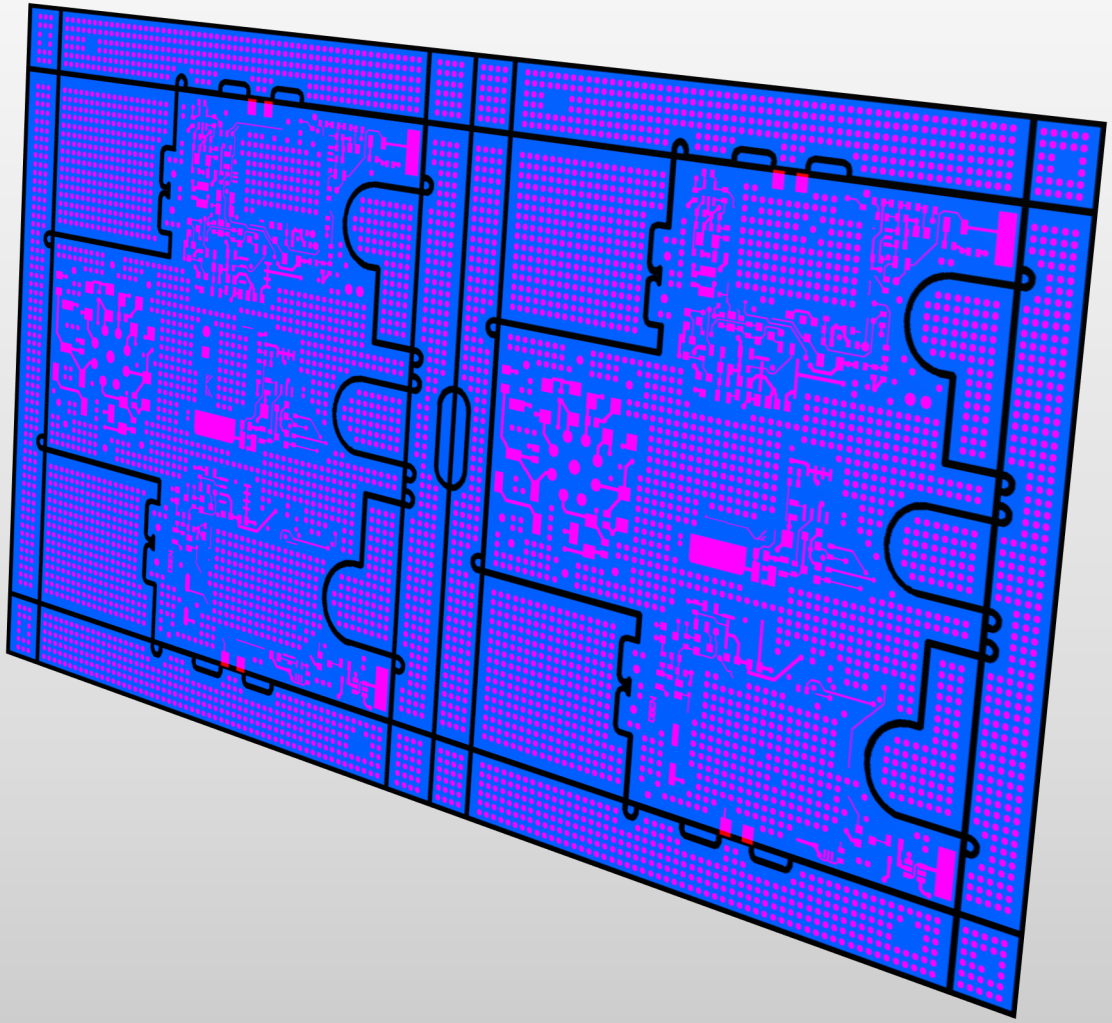


UcamX v2016.12 Release Notes

Copper Balance

Performance Booster

The Copper Balance algorithm has been optimized to offer better support for customer panels (arrays, shipping panels, assembly panels).



UcamX v2016.12 Release Notes

and more …

UcamX v2016.12 also offers a large number of fixes for issues reported by users.

If you are still on an older version of Ucamx or still on Ucam please have a look at the release notes and bug fixes of recent versions.

- UcamX v2014-12
- UcamX v2015.04
- UcamX v2016.01
- UcamX v2016.06 - maintenance release

All release notes and fixes lists are on the Downloads page of the Ucamco website

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