

SOFTWARE

LASER PHOTO PLOTTERS

DIRECT IMAGERS

UcamX YELO

Ucamco's Yield Enhancing Layout Optimizer



- Significantly improve board layouts within minutes
- Cut back your CAM cycle time by up to 30%
- Achieve superior production yields
- Deliver more reliable PCBs
- Slash production cost on every batch

Clearly arranged user interface

All rules and possible modifications to set in a clear and clutter-free user interface.

Automatically adjust a layout for easier manufacturability

Sometimes it is only 5 micron missing in the PCB design to be able to produce the PCB. To modify this manually may require hours. YELO can do that for you automatically.

Improves layouts in only minutes

Modify layouts like rearranging track bundles, shaving pads or reducing copper areas manually, cut down your CAM resources by hours. YELO only needs minutes to do that for you.

Provide customers with layout alternatives

YELO is able to provide modified layouts automatically. This offers the possibility to use different materials, shorten delivery times or make the PCB's more reliable.

Offers better, more competitive prices to your customers

YELO works not only in CAM. In sales or Pre-CAM departments it can be used to offer more competitive prices to the customer.

All rules set to your requirements

All rules and modification possibilities can be set to meet your requirements. All settings can be saved and reused with parameter sets.

Complete control over all modifications

After modifications are done, you have an easy and fast overview of all changes. With the "Inspect adjustments" functionality, every different modification can be shown in a different color to get a direct overview.

Backup layers for certainty

YELO creates a backup layer for fast comparison.

Ucamco protects your Investments

Ucamco has a longstanding tradition of protecting its customer's investments. **YELO** is no exception: it seamlessly works with your existing **UcamX** or **Integrator** installation and reuses all of the available software setups or precious automation that you have diligently gathered and carefully maintained over the years.

MARKETS

- Rigid PCB Mfr ✓
- Flex PCB Mfr ✓
- Flex-Rigid PCB Mfr ✓
- HDI PCB Mfr ✓
- PCB Masslam Mfr ✓
- PCB Equipment Mfr
- PCB Traders ✓
- PCB Designers ✓
- PCB Test Centers ✓
- IC Packaging ✓
- Chemical Milling ✓
- High Resolution Graphic Arts ✓
- Flat Panel Display ✓

PRODUCT FAMILIES

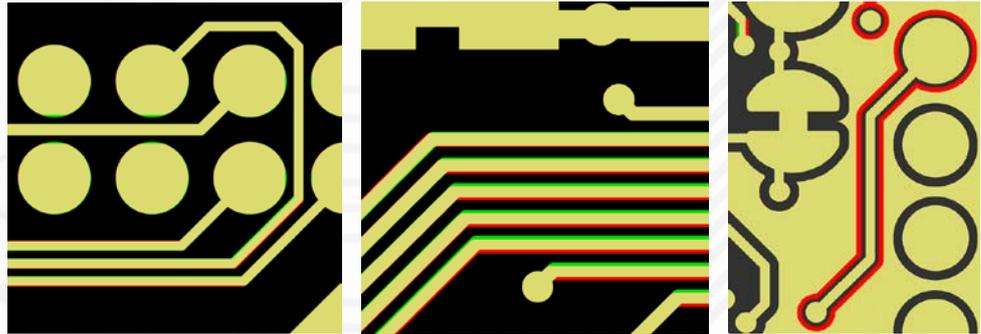
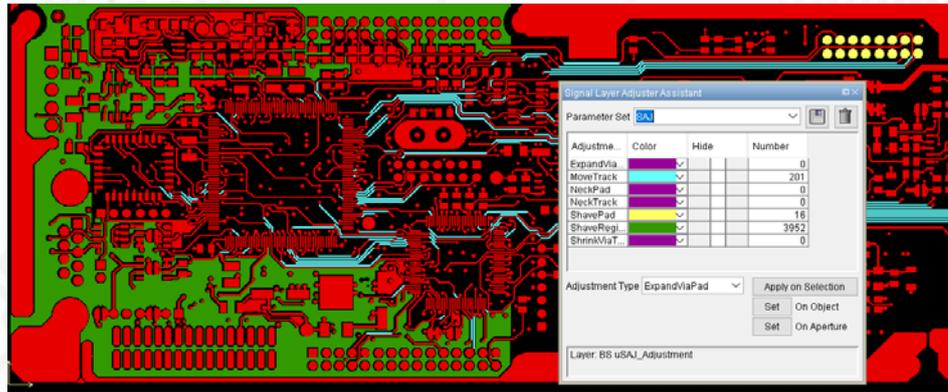
- CAM ✓
- PreCAM and Engineering ✓
- Electrical Test ✓
- Equipment Front Ends ✓
- Format Converters & RIP's ✓
- OEM Software ✓
- Laser Photo Plotters ✓
- Direct Imagers ✓

64 Bit

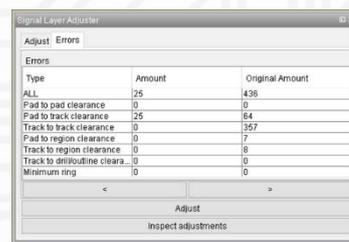
Multi Core

Automatical layout adjustments

(Yellow/red = original copper | green = modified copper)



Clear and well-arranged user interface



Direct link to the YELO feature page of UcamX



For more information on any of our products or services please contact us:
Email: info@ucamco.com
Web: www.ucamco.com

Gerber Format

Convey your design intent from CAD to CAM
The Gerber format now offers support for CAD netlist, Nested Step & Repeat & Fabrication documentation

Scan this QR code to find:

- Gerber format info
- Gerber Reference Viewer
- Gerber format Specification



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