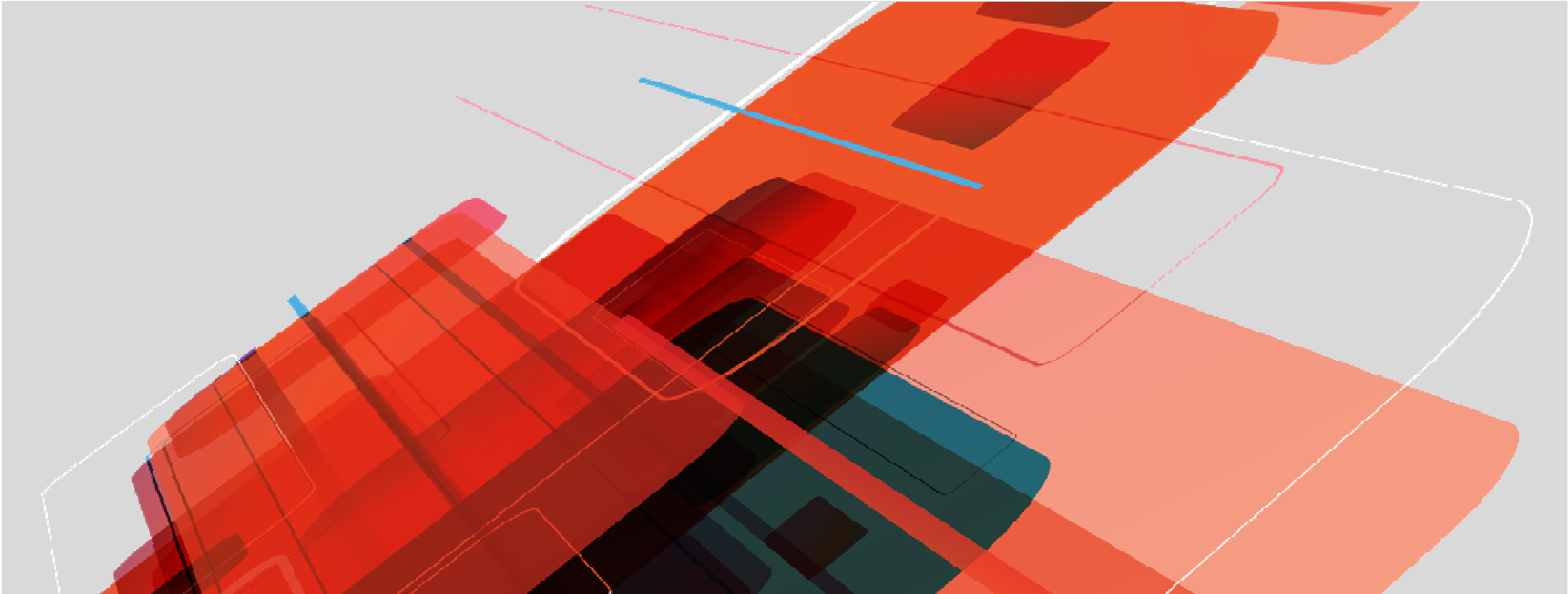
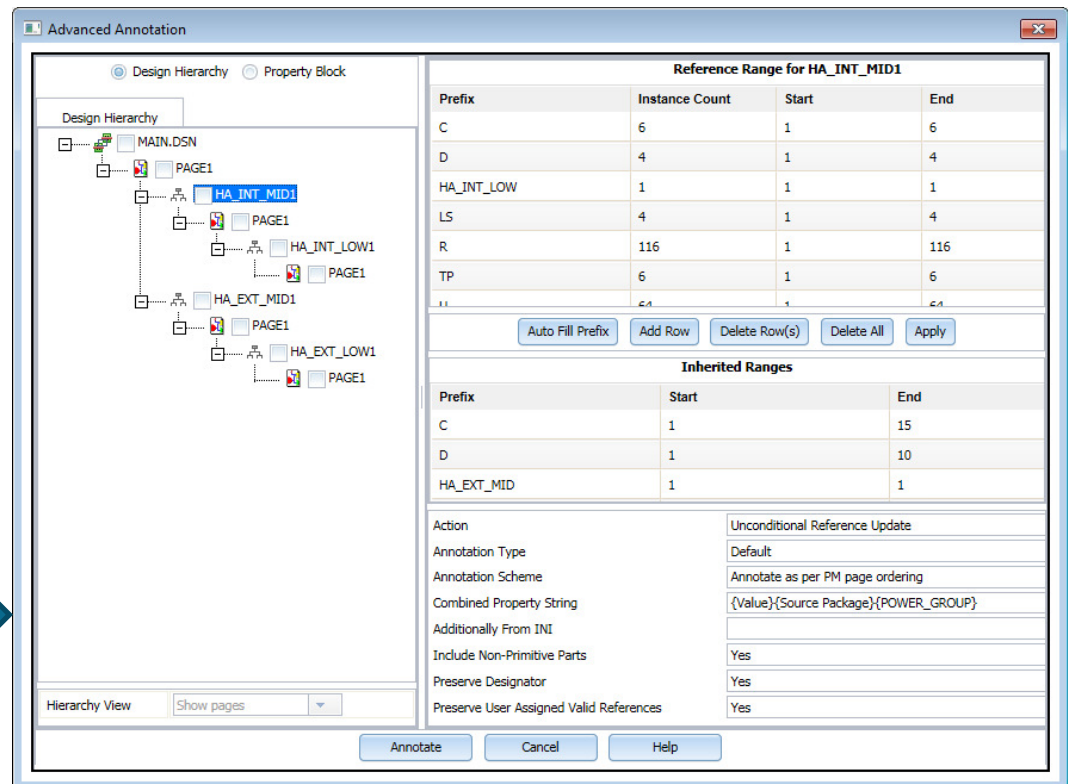
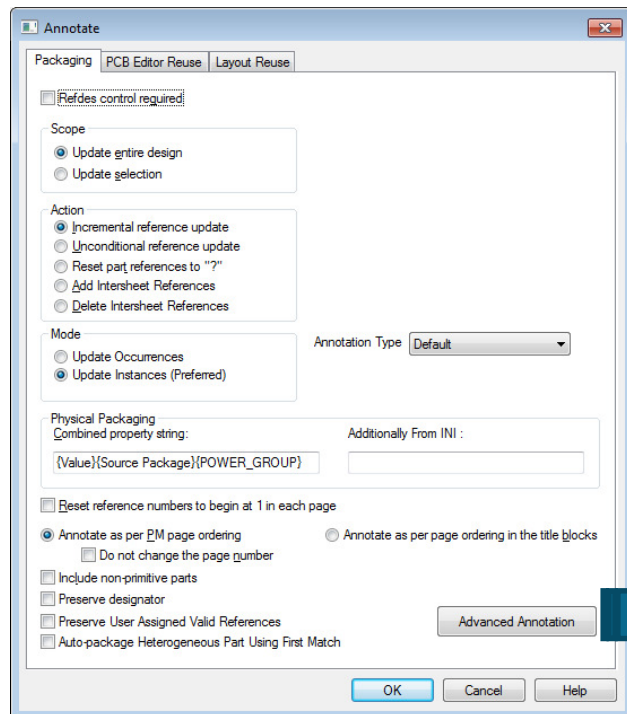




What's New in 17.2 – OrCAD Capture CIS

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Advanced Annotation



Advanced Annotation Reference Designator Control

- Design, Hierarchical Block & Page Level Ref Des Control
 - Prefix based (R ,U..)
 - Generic (support of *)
- Hierarchical support of specified Ranges
 - Inherited from the Parent
 - Closest assigned range wins
- Auto Instance count support
 - To help user in deciding range span
- Auto reference follows the specified range for Blocks/Pages
 - Place part
 - Copy – Paste Part

Graphical Design Difference Viewer Overview

- Graphical Compare Utility

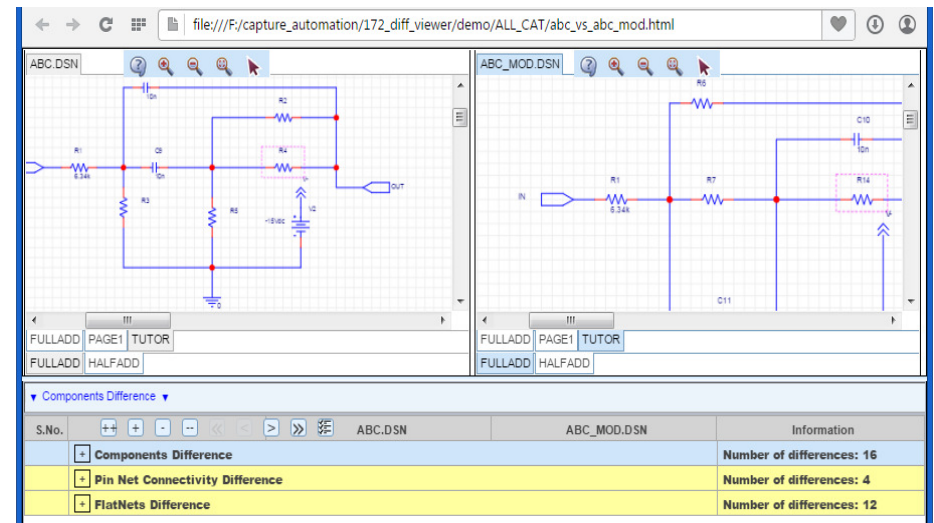
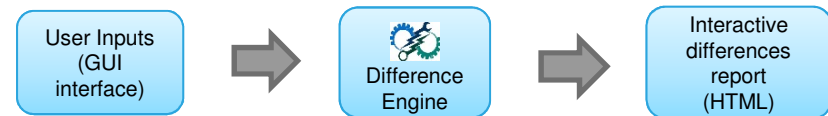
- Design vs. Design
- Schematic vs. Schematic
 - Same or different design
- Page vs. Page
 - Same or different design

- Output HTML

- Self-contained HTML file
- Graphical view of designs
- Interactive textual view of differences
- Cross-probing - text to graphical view
- Open in standard web browser
- Offline comparison/review
- HTML generation requires license
- File viewing does not require license

- Differencing Engine

- Behavioral – shows only those differences which result in circuit behavior change
- Detailed – shows individual object level differences



Graphical Design Difference Viewer

Difference Categories

Behavioral Mode

■ Components Differences

- Pin Difference
- Property Difference
- Occurrence Difference
- Property Difference

■ Pin Net connectivity Differences

■ Flat Nets Differences

- Pin Difference
- Property Difference

S.No.	design_v1.dsn	design_v2.DSN	Information
Components Difference			
1	U2	U22	Property Difference(1)
2	U3A	U33A	Property Difference(1)
3	U3B	U33B	Property Difference(1)
FlatNets Difference			
			Number of differences: 6

Graphical Design Difference Viewer

Difference Categories

Detailed Mode

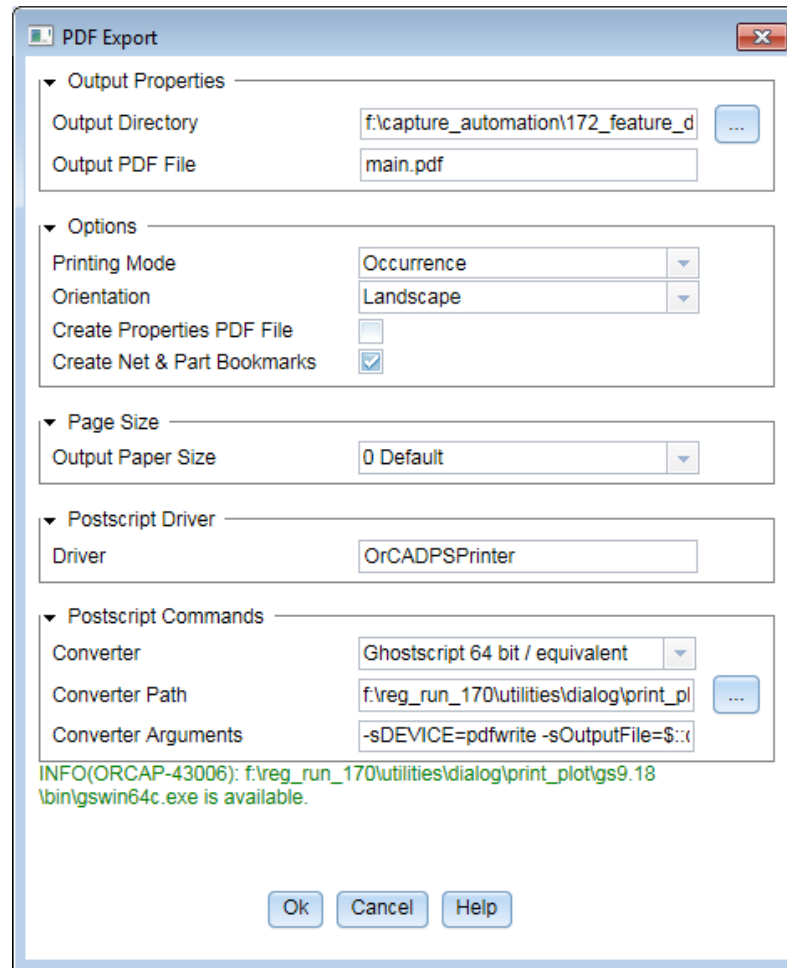
■ Schematic Differences

- PAGE differences
 - Component Differences
 - Properties
 - Pin & Pin Property
 - Occurrence Differences
- Wire Differences
- Port Differences
- Off-Page Differences
- Title block/Buses Differences

S.No.	design_v1.dsn	design_v2.DSN	Information
Schematic Difference			
1	SCHEMATIC1	✓	Number of differences: 1
Page Difference			
1-1	PAGE1	✓	Number of differences: 1
Components Difference			
1-1-1	U2	✓	Property Difference(2)
1-1-2	U3A	✓	Property Difference(3)
Property Difference			
1-1-2-1	Location Y-Coordinate	110	90
1-1-2-2	Part Reference	U3A	U33A
1-1-2-3	Reference	U3	U33
1-1-3	U3B	✓	Property Difference(2)
Wires Difference			
			Number of differences: 3

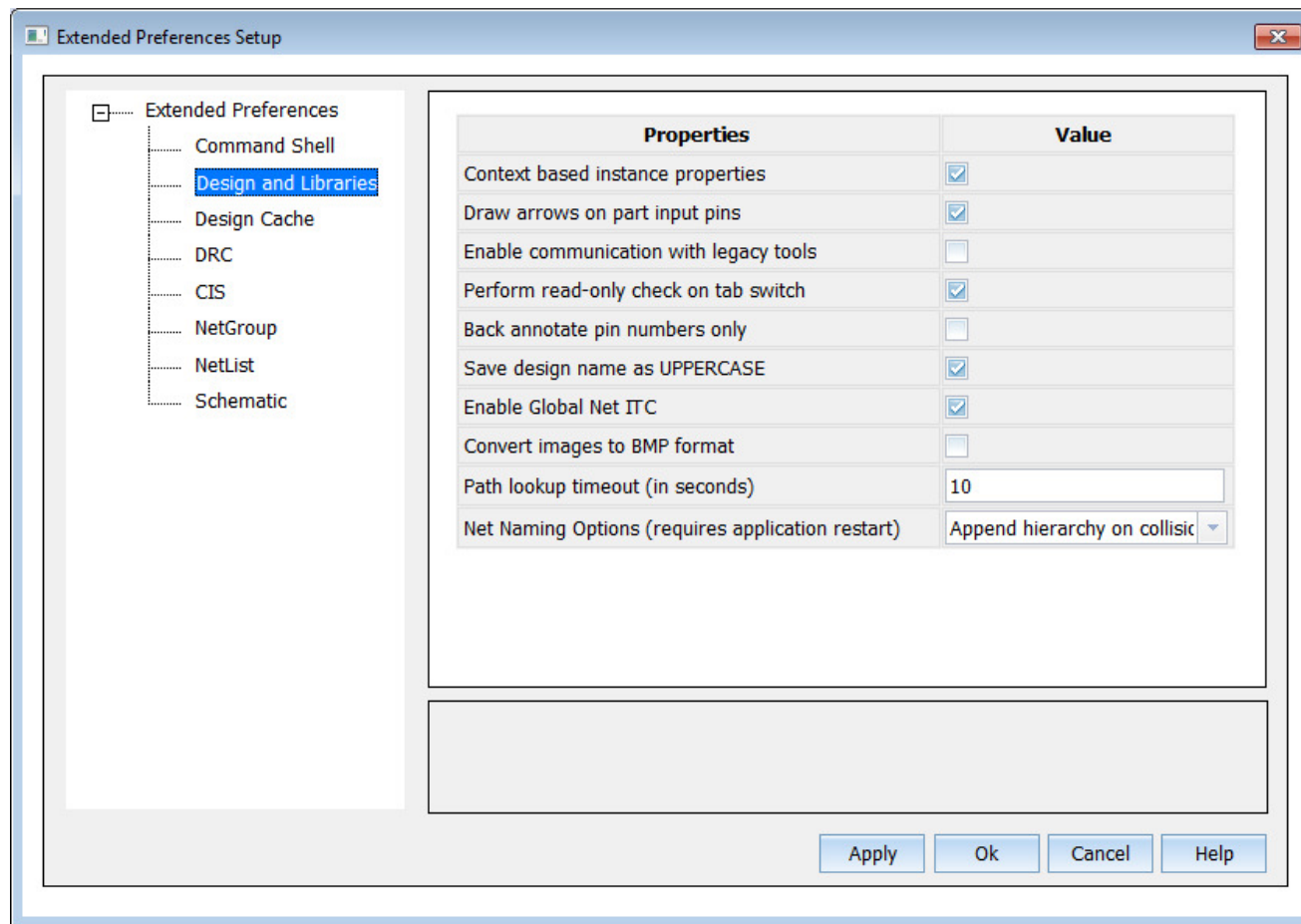
Export PDF

File > Export > PDF



Extended Preferences setup

Options > Preferences > More Preferences



Thanks for joining us!

OrCAD Capture CIS