

clirosoft | VDD

Graphical Diff for Schematics and Layouts.

SAVE TIME

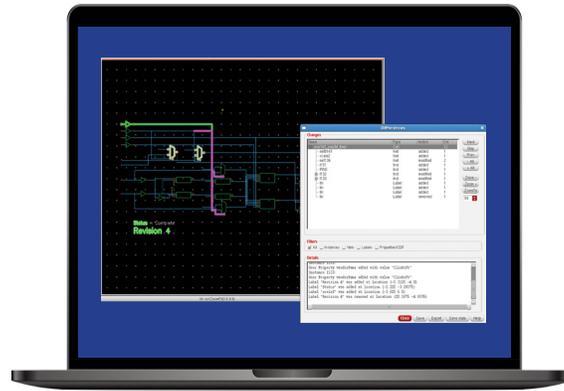
Find differences between two versions of a schematic or layout – visually.

SCHEMATIC & LAYOUT INSYNC

Schematic and layout engineers will always be in sync.

INSTANT REPORTS

Know what to review at ECO review meetings – everything is reported, nothing is overlooked.



COMPARE SCHEMATICS & LAYOUTS

Clirosoft VDD empowers designers to quickly compare different versions of a schematic or layout by graphically highlighting the differences directly in the design editor.

Analog designers use VDD to identify and review modifications made to design schematics and layouts while debugging design regressions and ECO flows.

Cadence® Virtuoso® Integration

Clirosoft VDD works with Cadence® Virtuoso® platform and detects changes that include any modifications to nets, instances, layers, labels and even properties.

Clirosoft VDD highlights the differences between the two versions of the same cell-view or between any two cell-views of the same type. Supported view types include schematics and layouts.

HIERARCHICAL DIFF CHECKS

Clirosoft VDD provides designers with the option to check for differences hierarchically, where all differences for the entire design hierarchy below the selected view are flagged.

Design teams can automate ECOs by running Clirosoft VDD in batch mode and the differences found can be exported to a text or CSV format.

▶ WATCH VIDEO

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This tool is quite remarkable and it is not exclusive to Clirosoft Design Management Software. It can run as a stand-alone tool. The software also gives you an opportunity to save the results as a text file which could be saved as one of the design's views. It's great for historical data on the design. The tool can also be used for diffing layout views and we are now looking at using it for possibilities in diffing abstracts (as a quick means of checking for possible LEF changes).

Qualcomm

Problems that Clirosoft VDD can solve for you

- Identify changes in schematics & layouts
- Streamline communication between schematic and layout designers or engineers
- Ensure that all changes are reported, visualized and reviewed in engineering change order (ECO) meetings

How Clirosoft VDD can help you

KEEPING SCHEMATICS AND LAYOUTS IN SYNC Clirosoft VDD helps schematic and layout engineers collaborate and ensure that the latest schematics and layouts are 100% in sync. A schematic engineer can make changes to the schematic without keeping notes to report to the layout engineer. The layout engineer can see all the changes precisely without any help from the designer and can modify the layout to match the latest schematic changes.

CHECK-INS MADE ACCURATE Clirosoft VDD allows you to review your changes before check-in by automatically generating a report that is 100% accurate. Every change is outlined, even cosmetic changes between the new version of your schematic or layout vs. the old version. You also have the ability to suppress cosmetic changes and not show them.

ECO DESIGN REVIEWS JUST GOT A LOT EASIER Clirosoft VDD makes preparation for ECO review meetings easy. Automatically generate reports outlining all the changes ahead of your next ECO review meeting

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