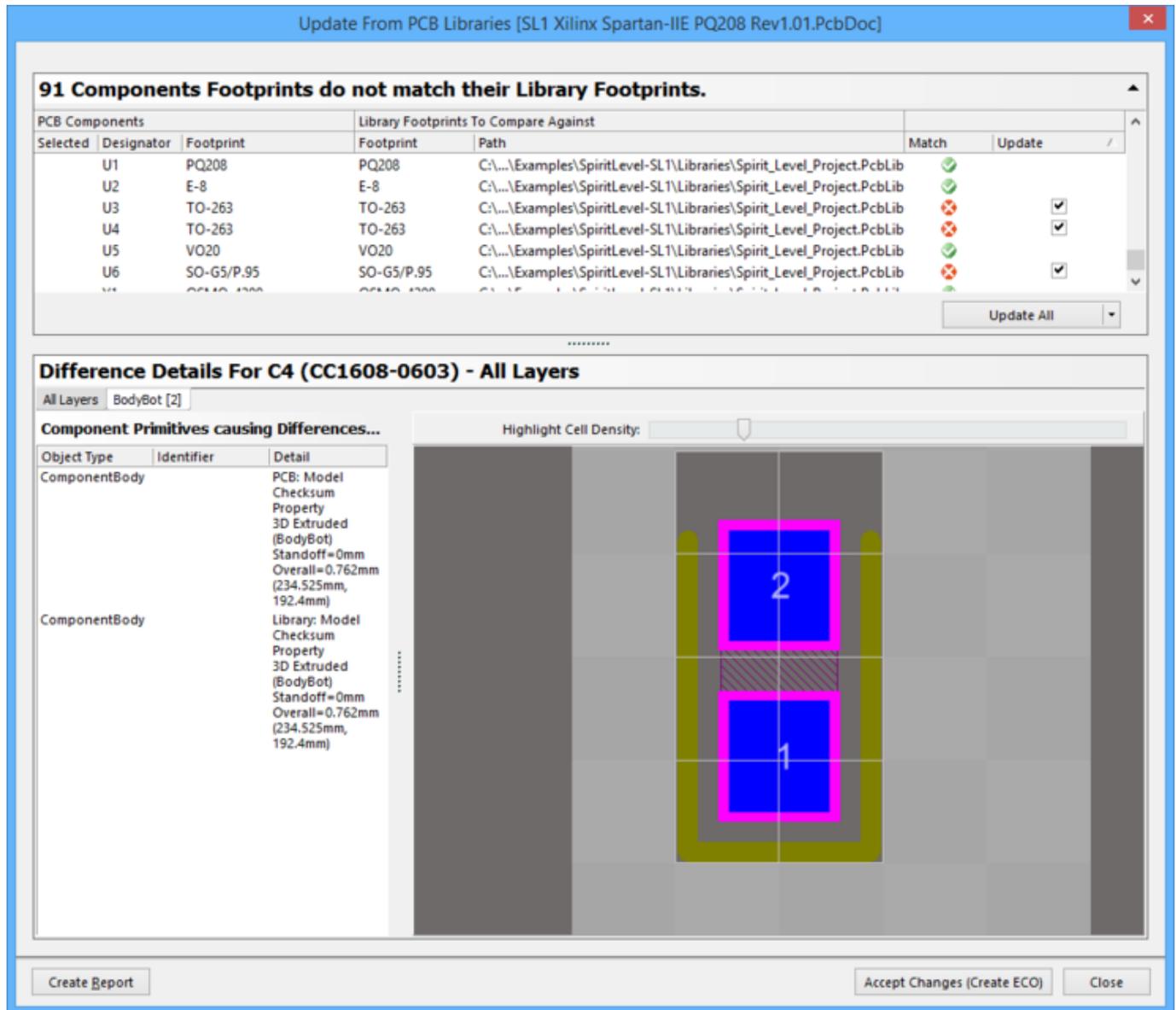


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Using Altium Documentation

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The *Update From PCB Libraries* dialog

Summary

The *Update From PCB Libraries* dialog provides controls to choose which component and library footprints to update from the PCB library.



For more information about creating a component Footprint, see the [Creating the PCB Footprint](#) page.

Access

The dialog is accessed by clicking **OK** in the [Update From PCB Libraries - Options dialog](#) (**Tools » Update From PCB Libraries**).

Options/Controls

This dialog is divided into two main regions:

- **Upper Grid Region** - this region lists the component footprints that were compared with library footprints. The top header line is a summary of the matched items.
- **Difference Details** - this region shows the differences for the layer according to the chosen layer tab.

Upper Grid Region

- **PCB Components** - lists the PCB components within the PCB library.
 - **Designator** - the designator of the PCB component.
 - **Footprint** - the component footprint name.
- **Library Footprints To Compare Against**
 - **Footprint** - the library footprint name.
 - **Path** - the path of the footprint.
 - **Match** - denotes whether the component and library footprints match. A  denotes a match; a  denotes that they do not match.
 - **Update** - enable the checkbox to select the item for update.
- **Update All** - use the drop-down and select from the following:
 - **Update All** - enable all **Update** boxes.
 - **Update None** - do not enable any **Update** boxes.
 - **Update Selected** - enable **Update** box for only those components that are selected.
 - **Don't Update Selected** - do not update any selected components.

Difference Details

If there are no differences between the selected PCB component footprint and the library footprint, the region will be titled **No Difference For [Designator name (Footprint Name)]** and displays the selected component relevant to the chosen layer tab.

If the **Path** column in the **Upper Grid Region** displays as **<Footprint not found>**, the header of the **Difference Details** region will state that the footprint was not found.

- **All Layers tab** - displays component information for all layers.
 - **Component Primitives causing Differences for** - this region lists the component primitive(s) that caused the difference(s) on the left and displays the listed data on the right. Information listed includes:
 - **Object Type** - the type of object.
 - **Identifier** - lists any special designator information.
 - **Detail** - displays details of the component primitive.
- **Specific layer tabs** - displays component information for specific layers, for example, **Mechanical 13**, **BodyBot**, **Top Solder**, etc.
 - **Component Primitives causing Differences for** - this region lists the component

primitive(s) that caused the difference(s) on the left and displays the listed data on the right. Information includes:

- **Object Type** - the type of object.
- **Identifier** - lists any special designator information.
- **Detail** - displays details of the component primitive.
- **Highlight Cell Density** - use the slider bar to increase (to the right) or decrease (to the left) the size of the cells in the display area.
- **Display area** - this region is a display of the component selected in the **Component Primitives causing Differences for** region.

Additional Controls

- The following commands are available on the right-click menu in the display area:
 - **Zoom In** - use to zoom in.
 - **Zoom Out** - use to zoom out.
 - **Fit Component** - use to fit the component within the display area.
 - **Pan** - use to pan right or left within the display area. The direction of the panning depends on the location of the cursor when the right-click is performed. If the cursor is on the right-hand side of the display area, it will pan to the right; if cursor is near the top of the display area, it will pan upwards, and so on. Panning is done in increments so that each time **Pan** is clicked, the display will pan further in the chosen direction.
 - **Refresh** - use to refresh the display after making any changes.
- **Create Report** - click to compare and create a **Footprint Comparison Report**. The **Footprint Comparison Report** opens automatically.
- **Accept Changes (Create ECO)** - click to accept the changes and create an [Engineering Change Order dialog](#).

Source URL:

[https://www.altium.com/documentation/display/ADES/WorkspaceManager_Dlg-PCBLibUpdateForm\(\(Update+From+PCB+Libraries\)\)_AD](https://www.altium.com/documentation/display/ADES/WorkspaceManager_Dlg-PCBLibUpdateForm((Update+From+PCB+Libraries))_AD)