


## Sheet Entry Not Linked To Child Sheet

Modified by Jason Howie on May 8, 2015

Parent category: [Violations Associated with Documents](#)

Default report mode:  Error

### Summary

This violation occurs when a sheet entry is found not to be matched with a port on the child sheet referenced by the parent sheet symbol. All sheet entries in the parent sheet symbol must be synchronized (matched) to corresponding ports on the child sheet.

### Notification

If compiler errors and warnings are enabled for display on the schematic (enabled on the **Schematic - Compiler** page of the *Preferences* dialog) an offending object will display a colored squiggle beneath it. A notification is also displayed in the *Messages* panel in the following format:

Sheet-Entry *<SheetEntryName>* not matched to Port at *<Location>*,

where:

*SheetEntryName* is the name of the sheet entry associated with the parent sheet symbol.

*Location* is the X,Y coordinates for the sheet entry's electrical hotspot.

### Recommendation for Resolution

This issue can arise for a number of reasons:

- The corresponding port for the sheet entry does not exist.
- The corresponding port for the sheet entry exists but with a different name.
- The corresponding port for the sheet entry exists but with a different I/O Type.

Use the **Details** region of the *Messages* panel to cross probe to the sheet entry in question. Right-click on the parent sheet symbol and choose **Sheet Symbol Actions » Synchronize Sheet Entries and Ports** from the menu that appears. This will give you access to the [Synchronize Ports To Sheet Entries dialog](#) for that sheet symbol.

Use the dialog to match the sheet entry in question to the required port. If the port does not exist, you can create it directly from the dialog. Where the port exists but the Name and/or I/O Type differ, you can determine, as part of the match, whether the Name and I/O Type to be used comes from the sheet entry or the port.

## Notes

When the sheet entry and port exist but have different Names and/or I/O Types, there will be a corresponding error message stating that the port is not matched to a sheet entry. Synchronizing the sheet entry with the port will clear both errors.

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### Source URL:

[http://documentation.circuitmaker.com/display/CMAK/WorkspaceManager\\_Err-SheetEntryNotLinkedToChildSheet\(\(Sheet+Entry+Not+Linked+To+Child+Sheet\)\)\\_CM](http://documentation.circuitmaker.com/display/CMAK/WorkspaceManager_Err-SheetEntryNotLinkedToChildSheet((Sheet+Entry+Not+Linked+To+Child+Sheet))_CM)