


## Unconnected Objects in Net

Modified by Jason Howie on Jan 6, 2015

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

Default report mode:  Warning

### Summary

This violation occurs when a pin, port, or sheet entry object, is not wired up to the rest of the circuit.

### 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:

Unconnected *<Object>* at *<Location>*,

where:

*Object* is the type and name of the offending object (pin, port, or sheet entry).


*Location* is the X,Y coordinates of the object on the source schematic sheet.

### Recommendation for Resolution

Consider the following in order to resolve this error:

- If the pin/port/sheet entry is to be used, ensure that it is wired up to the rest of the circuit accordingly.
- If a port or sheet entry is redundant, remove it from the design.
- Tie any unused input pins to the appropriate power line.
- Place No ERC directives on unused input or output pins.

### Notes

1. When the unconnected object is an input pin, an additional violation message will appear alerting you to the fact that the net to which the pin is associated contains floating input pins. The identifier for the pin will be listed in that message.
2. The actual report mode used for a violation of this type is dependant on the specific object type, its electrical I/O type, and the corresponding reporting level defined on the **Connection Matrix** tab of the *Options for Project* dialog (**Project | Content |  Project Options**).
3. The Report Mode setting on the **Error Reporting** tab of the *Options for Project* dialog has no

affect on the Report Mode setting that appears for a violation of this type in the *Messages* panel. It is, however, used by the Online (real-time) error reporting, directly within the design workspace. Controls for the Online reporting are available on the **Schematic - Compiler** page of the *Preferences* dialog.

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**Source URL:**

[http://documentation.circuitmaker.com/display/CMAK/WorkspaceManager\\_Err-UnconnectedObjectsInNet\(\(Unconnected+Objects+in+Net\)\)\\_CM](http://documentation.circuitmaker.com/display/CMAK/WorkspaceManager_Err-UnconnectedObjectsInNet((Unconnected+Objects+in+Net))_CM)