


## Object Not Completely within Sheet Boundaries

Modified by Jason Howie on Oct 20, 2014

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

Default report mode:  Warning

### Summary

This violation occurs when a design object resides beyond the extents of the schematic 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:

Off sheet *<ObjectIdentifier>* at *<Location>*,

where:


*ObjectIdentifier* identifies the specific object that currently does not reside completely within the boundary defined by the sheet. The identifier is composed of the object's type and its name/designator (e.g. *<Port>* *<PortName>*).

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

### Recommendation for Resolution

When placing or pasting objects onto a sheet, you are prevented from placing/pasting beyond the extents of the sheet's border. This issue typically arises when the size and orientation of the sheet is changed after object placement. Consider the following to resolve the problem:

- Change the sheet orientation.
- Choose a larger sheet size.
- Move the offending objects back within the sheet boundary.

The first two options are carried out from the **Sheet Options** page of the *Document Options* dialog (**Project | Content |  Document Options**). Changing sheet size is the simplest way to resolve the issue. Moving objects manually may require layout changes to the circuit to provide enough space to accommodate the offending objects.

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**Source URL:**

[http://documentation.circuitmaker.com/display/CMAK/WorkspaceManager\\_Err-ObjectNotCompletelyWithinSheetBoundaries\(\(Object+Not+Completely+within+Sheet+Boundaries\)\)\\_CM](http://documentation.circuitmaker.com/display/CMAK/WorkspaceManager_Err-ObjectNotCompletelyWithinSheetBoundaries((Object+Not+Completely+within+Sheet+Boundaries))_CM)