


## Nets with Multiple Names

Modified by Jason Howie on Jan 6, 2015

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

Default report mode:  Warning

### Summary

This violation occurs when a net in the design has been detected to have multiple names associated with it.

### 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:

Nets *<Identifier>* has multiple names (*<NameList>*),


where:

*Identifier* represents the type of connection and the name of the net. The connection can be one of the following:

- **Wire** - where the identifier will appear in the format `Wire NetName` (e.g. `Wire DTSA`)
- **Bus** - where the identifier will appear in the format `Bus Slice NetName` (e.g. `Bus Slice A[0..7]`)
- **Bus Element** - where the identifier will appear in the format `Element[n]: NetPrefix` (e.g. `Element[0]: A`)

*NameList* is a comma-separated list of all names found associated with the offending net. These names can come from attached net labels, sheet entries, power ports and offsheet connectors.

### Recommendation for Resolution

This violation can be resolved by ensuring that the names of all net identifiers associated with a particular net are the same. However, should you wish to freely use multiple names with nets in your design, and prevent related violation messages appearing in the *Messages* panel, simply set the **Report Mode** for this violation type to **No Report**, on the **Error Reporting** tab of the *Options for Project* dialog (**Project** | **Content** |  **Project Options**).

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**Source URL:**

[http://documentation.circuitmaker.com/display/CMAK/WorkspaceManager\\_Err-NetsWithMultipleNames\(\(Nets+with+Multiple+Names\)\)\\_CM](http://documentation.circuitmaker.com/display/CMAK/WorkspaceManager_Err-NetsWithMultipleNames((Nets+with+Multiple+Names))_CM)