


Nets with No Driving Source

Modified by Jason Howie on May 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 no driving source. That is, the net does not include at least one pin with one of the following electrical types:

- IO
- Output
- Open Collector
- HiZ
- Emitter
- Power

It is not uncommon for a net to not include a pin of one of these types, for example it can happen when:

- A net connects from a connector pin to an input pin.
- A net connects from a series passive component (which have passive pins) to an input pin.

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:

Net `<NetName>` has no driving source (`<PinList>`),

where

NetName is the name of the offending net.


PinList is the comma-separated list of pins in that net.

Recommendation for Resolution

There are a number of different approaches to resolving this violation, including:

1. Edit the connector/passive component pin so that it is one of the electrical types listed above.
2. Disable the **Nets with No Driving Source** violation check in the **Error Reporting** tab of the

Options for Project dialog (**Project** | **Content** |  **Project Options**).

3. Place a No ERC marker on the net (**Home** | **Circuit Elements** |  **Directives** ▾ » **Generic No ERC**).

Source URL:

[http://documentation.circuitmaker.com/display/CMAK/WorkspaceManager_Err-NetsWithNoDrivingSource\(\(Nets+with+No+Driving+Source\)\)_CM](http://documentation.circuitmaker.com/display/CMAK/WorkspaceManager_Err-NetsWithNoDrivingSource((Nets+with+No+Driving+Source))_CM)