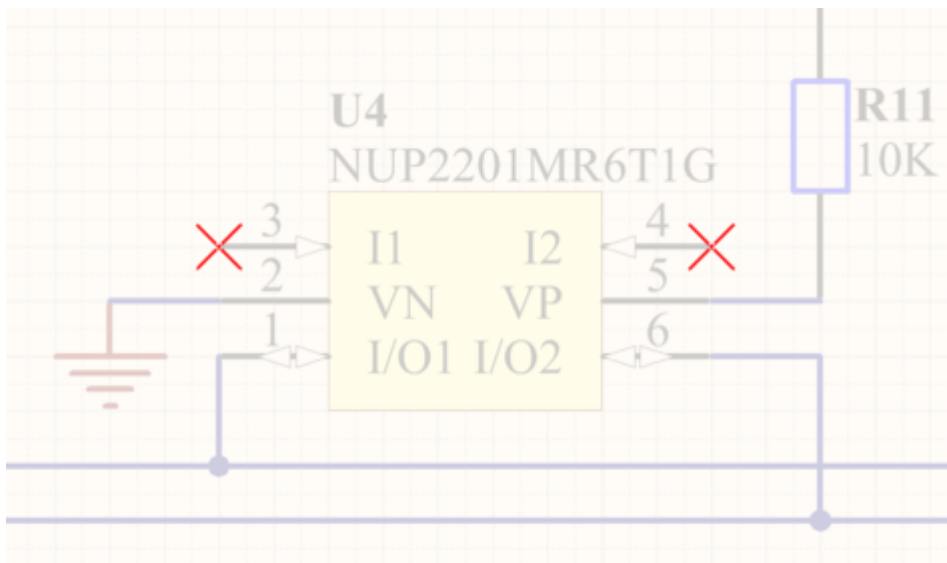


No ERC

Modified by Jason Howie on Sep 8, 2014

Parent page: [Schematic Objects](#)

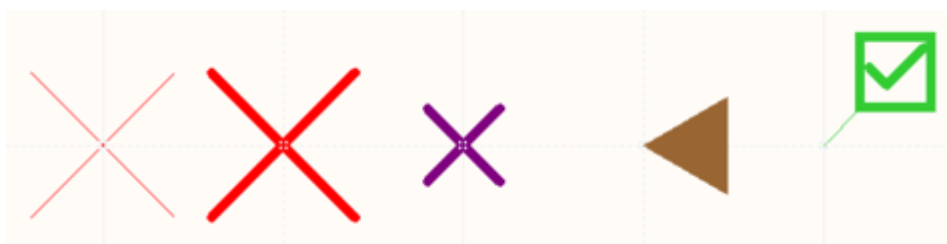


Use No ERC markers to suppress error/warning messages about a specific node in the circuit.

Summary

The No ERC marker is placed on a node in the circuit to suppress all reported warning and/or error violation conditions that are detected when the schematic project is compiled. Use this to deliberately limit error checking at a certain point in the circuit that you know will generate a warning (such as an unconnected pin), while still performing a comprehensive check of the rest of the circuit.

The No ERC marker supports a number of different styles, and can be displayed in any color. Use this ability to reflect the design intent for this point in the circuit.



Choose a No ERC style that best reflects its function at that point in the circuit.

Availability

No ERC markers are available for placement in the Schematic Editor only, by clicking **Home | Circuit Elements** |  from the main menus.

Placement

After launching the command, the cursor will change to a cross-hair and you will enter placement mode:

1. Position the cursor over a wire or other net object and click or press **Enter** to place a directive at that point in the circuit.
2. Continue placing further No ERC markers or right-click or press **Esc** to exit placement mode.
3. To rotate the No ERC marker while in placement mode, press the **Spacebar** to rotate anti-clockwise in 90° steps, **Shift+Spacebar** to rotate clockwise in 90° steps.

Additional actions that can be performed during placement are:

- Press the **Tab** key to access an associated properties dialog, from where properties for the No ERC marker can be changed on-the-fly.

While attributes can be modified during placement (**Tab** to bring up associated properties dialog), bear in mind that these will become the default settings for further placement.

Graphical Editing

The No ERC marker cannot be modified graphically, other than changing its location. To move a No ERC marker, click and hold while dragging it to a new location.

An object that has its **Locked** property enabled cannot be selected or graphically edited. Double click on the locked object directly and disable the **Locked** property, to graphically edit the object.

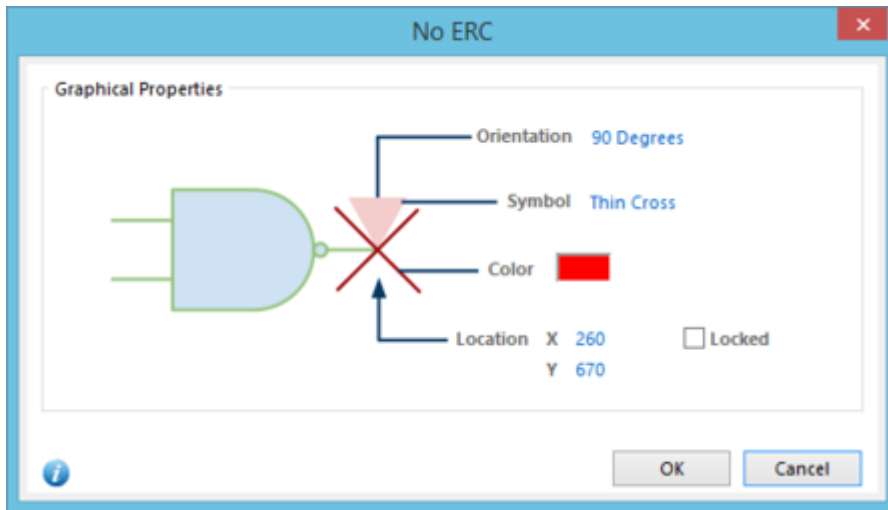
Non-Graphical Editing

The following methods of non-graphical editing are available:

Via an Associated Properties Dialog

Dialog page: [No ERC](#)

This method of editing uses the *No ERC* dialog to modify the properties of a No ERC object.



The *No ERC* dialog.

The dialog can be accessed during placement by pressing the **Tab** key.

After placement, the dialog can be accessed in one of the following ways:

- Double-clicking on the placed No ERC object.
- Placing the cursor over the No ERC object, right-clicking and choosing **Properties** from the context menu.

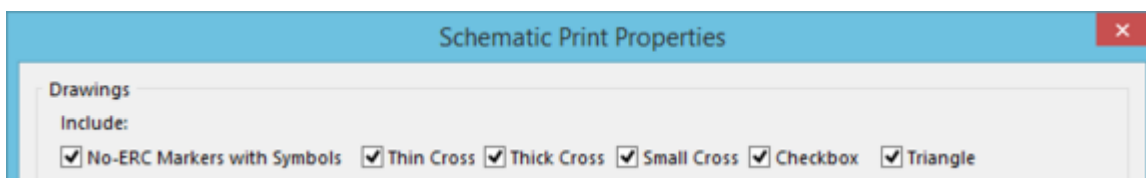
Via the SCH Inspector Panel

Panel page: [SCH Inspector](#)

The *SCH Inspector* panel enables the designer to interrogate and edit the properties of one or more design objects in the active document. Used in conjunction with the [Find Similar Objects dialog](#), the panel can be used to make changes to multiple objects of the same kind, from one convenient location.

Controlling the Printing of No ERC Directives

By default, No ERC markers are included during printing. To control this - either disabling their inclusion entirely, or excluding only specific symbols - use the *Schematic Print Properties* dialog, as shown below.



Control the printing of No ERC markers in the *Schematic Print Properties* dialog.

This dialog can be accessed by clicking **Outputs | Documentation** |  and choosing one of the following commands from the associated drop-down menu:

- **Print Preview** - from the *Preview Schematic Prints* dialog, right-click and choose **Configuration**.
- **Page Setup** - from the initial *Schematic Print Properties* dialog, click the **Advanced** button.

- **Default Prints** - from the **Defaults** tab of the *Options for Project* dialog, select **Schematic Prints** in the list, then click **Configure**.

Source URL: [http://documentation.circuitmaker.com/display/CMAK/Sch_Obj-NoERC\(\(No+ERC\)\)_CM](http://documentation.circuitmaker.com/display/CMAK/Sch_Obj-NoERC((No+ERC))_CM)