


Extra Pin Found in Component Display Mode

Modified by Jason Howie on May 6, 2015

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

Default report mode:  Warning

Summary

This violation occurs if an extra pin has been detected in one of the display modes for a part.

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:

Extra Pin <Identifier> in <DisplayMode> of part <PartName>,

where:

Identifier is used to identify the pin in question. When compiling the source schematic or project, the identifier appears in the format PartDesignator-PinDesignator (Inferred) (e.g. X1-1 (Inferred)).

DisplayMode is the specific graphical representation mode for the part in which the extra pin has been found. A part has a *Normal* mode and can have up to 255 defined *Alternate* modes

PartName is the designator for the affected part.

Recommendation for Resolution

This violation typically arises when an alternate graphical mode is defined for a component and either:

- An extra pin has been added to the display that is not specified in the Normal display mode, or
- A pin has been specified with a different Designator and/or Name to a pin specified in the Normal display mode.

Not only must there be an identical number of pins between graphical display modes, the pins must be identical in both Designator and Name.

Edit the component, and edit its associated schematic symbol. Display the offending display mode for the symbol and delete the extra pin. Then save the symbol and commit the parent component back to the Community Vault.

Source URL:

[http://documentation.circuitmaker.com/display/CMAK/WorkspaceManager_Err-ExtraPinFoundInComponentDisplayMode\(\(Extra+Pin+Found+in+Component+Display+Mode\)\)_CM](http://documentation.circuitmaker.com/display/CMAK/WorkspaceManager_Err-ExtraPinFoundInComponentDisplayMode((Extra+Pin+Found+in+Component+Display+Mode))_CM)