


Unused Sub-Part in Component

Modified by Jason Howie on Oct 20, 2014

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

Default report mode:  Warning

Summary

This violation occurs when a part of a multi-part component instance has not been used within the design. For example, three out of four parts for an instance of a 74HC32 component may have been placed and wired and the fourth has not.

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:

Component *<Identifier>* has unused sub-part (*<PartNumber>*),

where

Identifier is the parent component, represented using the format Designator Library Reference (e.g. U11 74HC32)

PartNumber is an integer used to indicate which specific part is not being used (e.g. 1 represents part A, 2 represents part B, and so on).

Recommendation for Resolution

Place the unused part and connect its inputs to ground. To ensure the same root designator, simply copy an existing part for that component's instance and, after pasting, increment its part number accordingly.

Source URL:

[http://documentation.circuitmaker.com/display/CMAK/WorkspaceManager_Err-UnusedSubPartInComponent\(\(Unused+Sub-Part+in+Component\)\)_CM](http://documentation.circuitmaker.com/display/CMAK/WorkspaceManager_Err-UnusedSubPartInComponent((Unused+Sub-Part+in+Component))_CM)