

User Assigned Reference Designators

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Cadence introduced the ability to control user assigned reference designators. This gives users full control over how the Annotation command handles parts that need a specific reference designator. For example, a connector may need to be called J100 and remain that in a design regardless of how the rest of the design is annotated, using an unconditional annotation for example.

To maintain user assigned references

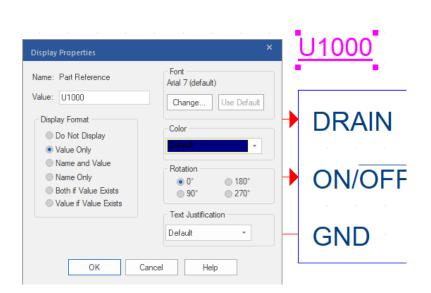
Once parts have a user assigned reference designator there is now an option in the Annotation command to preserve this. To set this launch the Annotation command from the Tools menu, then check the box for Preserve user Assigned Valid References as shown below. With this checked any type of Annotation will preserve a user assigned one.

Annotate					×
Packaging PCB Editor Reuse					
Refdes control required					
Scope					
Update entire design					
 Update selection 					
Action					
 Incremental reference update 					
 Unconditional reference update 					
Reset part references to "?"					
Add Intersheet References					
Delete Intersheet References					
Mode	Annotation Type	D.(
Update Occurrences	Annotation Type	Defa	ult	*	
 Update Instances (Preferred) 					
Physical Packaging					
Combined property string:	Additionally	/ From	INI :		
{Value}{Source Package}{POWER_GROUP}	}				
Reset reference numbers to begin at 1 in eac	h page				
Annotate as per PM page ordering	Annotate as	per p	age ordering in the	e title blocks	3
Do not change the page number			5		
Include non-primitive parts					
Preserve designator					
✓ Preserve User Assigned Valid References			Advanced An	notation	
Auto-package Heterogeneous Part Using Firs	t Match				
	ОК		Cancel	Help	
				noip	

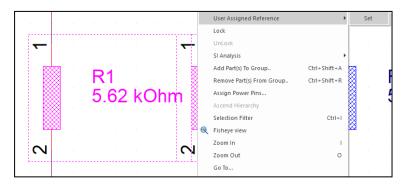
To set a reference to be user-assigned

There are two ways to define a user assigned reference:-

1. Double-click on a reference and specify the required reference designator value. The reference will be displayed with an underscore to make it visible on the canvas. (see final section).



2. Select one or more components and use RMB - User Assigned Reference - Set to indicate that it is a userassigned reference(s).

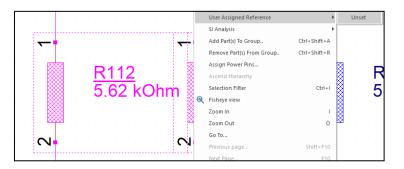


How to unset user assigned references

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If you have some components that have user assigned references and you wish to change that so that the Annotation command can modify these values then you can remove this setting by:-

1. Select the components to be unset and use RMB - User Assigned Reference - Unset to remove the userassigned reference(s). The underscore will be removed.



How to setup Capture so that no underscores are displayed.

You have the ability to not display whether a part is a user assigned reference designator or not. You also have control over whether the underscore is plotted or not. To set both of these preferences you need to select the

Apply Ok Cancel

Help

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Configuration Files Cloud Connector Part and Symbol Editor

Click on OK and the settings will be applied to the capture.ini file.

	uncheck the boxes to control I	. ,	
ngs are shown below.			
Extended Preferences Setup			
Extended Preferences	Schematic Descend	Default	•
Command Shell			
Design and Libraries	Junction Mode	Junction on wire break only (default)	<u> </u>
Design Cache	Display "_" on User Assigned Part References	✓	
DRC	Print "_" on User Assigned Part References		
CIS	Distribute in a fixed area (may cause uneven distrib		
NetGroup			
NetList			
Calconatia			

design name in the project window then go to Options – Extended Preferences, then choose the Schematic option