

This document shows whether a relevant attribute in Constraint Browser can be forward annotated and back annotated in eCADSTAR. The **Mode in Constraint Browser** column shows the name of the tabs in each section in the left Constraint Browser pane. A tick in the **Forward Annotation** and **Back Annotation** columns indicates that the relevant attribute can be forward annotated or back annotated, respectively, in eCADSTAR.

Mode in Constraint Browser	Item	Display Label	Attribute Label	Forward Annotation	Back Annotation	Notes
Signal	Differential Pair	Clearance Class	Clearance Class			
Signal	Differential Pair	Color	Color/Net Color in PCB	✓	✓	
Signal	Differential Pair	Differential Pair Class	Differential Pair Class	✓	✓	
Signal	Differential Pair	Differential Pair Rule Stack	Differential Pair Rule Stack	✓	✓	
Signal	Differential Pair	Hole/Area Design Rule Stack	Hole/Area Design Rule Stack	✓	✓	
Signal	Differential Pair	Same Net Design Rule Stack	Same Net Design Rule Stack	✓	✓	
Signal	E-Net	Clearance Class	Clearance Class			
Signal	E-Net	Color	Color/Net Color in PCB	✓	✓	
Signal	E-Net	E-Net Class	E-Net Class	✓	✓	
Signal	E-Net	Hole/Area Design Rule Stack	Hole/Area Design Rule Stack	✓	✓	
Signal	E-Net	Same Net Design Rule Stack	Same Net Design Rule Stack	✓	✓	
Signal	E-Net	Net name	Shield Net name	✓		Read-only in eCADSTAR PCB Editor.
Signal	E-Net	Track Width Stack	Shield Track Width Stack	✓	✓	
Signal	E-Net	Gap	Shield Gap	✓		Read-only in eCADSTAR PCB Editor.
Signal	E-Net	Mode	Shield Mode	✓		Read-only in eCADSTAR PCB Editor.
Signal	E-Net	Track Width Stack	Track Width Stack	✓	✓	
Signal	E-Net	Voltage (V)	Voltage (V)	✓	✓	
Signal	Net	Allow Ring	Allow Ring	✓	✓	
Signal	Net	Clearance Class	Clearance Class			
Signal	Net	Color	Color/Net Color in PCB	✓	✓	For Forward Annotation, a check box must be selected.
Signal	Net	Comment		✓	✓	
Signal	Net	Hole/Area Design Rule Stack	Hole/Area Design Rule Stack	✓	✓	
Signal	Net	Net Class	Net Class	✓	✓	
Signal	Net	No. of required Testpoints		✓	✓	
Signal	Net	Same Net Design Rule Stack	Same Net Design Rule Stack	✓	✓	
Signal	Net	Net name	Shield Net name	✓	✓	
Signal	Net	Track Width Stack	Shield Track Width Stack	✓	✓	
Signal	Net	Gap	Shield Gap	✓	✓	
Signal	Net	Mode	Shield Mode	✓	✓	
Signal	Net	Track Width Stack	Track Width Stack	✓		
Signal	Net	Voltage (V)	Voltage (V)	✓	✓	
Signal	Pin Pair	Track Width Stack	Track Width Stack		✓	Read-only in eCADSTAR Schematic Editor.
Class	Net class	Clearance Class	Clearance Class			
Class	Net class	Color	Color/Net Color in PCB	✓	✓	
Class	Net class	Hole/Area Design Rule Stack	Hole/Area Design Rule Stack	✓	✓	
Class	Net class	Same Net Design Rule Stack	Same Net Design Rule Stack	✓	✓	
Class	Net class	Net name	Shield Net name	✓	✓	
Class	Net class	Track Width Stack	Shield Track Width Stack	✓	✓	
Class	Net class	Gap	Shield Gap	✓	✓	
Class	Net class	Mode	Shield Mode	✓	✓	
Class	Net class	Track Width Stack	Track Width Stack	✓	✓	
Class	Net class	Voltage (V)	Voltage (V)	✓	✓	
Class	E-net class	Clearance Class	Clearance Class			
Class	E-net class	Color	Color/Net Color in PCB	✓	✓	
Class	E-net class	Hole/Area Design Rule Stack	Hole/Area Design Rule Stack	✓	✓	

Class	E-net class	Same Net Design Rule Stack	Same Net Design Rule Stack	✓	✓	
Class	E-net class	Net name	Shield Net name	✓		Read-only in eCADSTAR PCB Editor.
Class	E-net class	Track Width Stack	Shield Track Width Stack	✓	✓	
Class	E-net class	Gap	Shield Gap	✓		Read-only in eCADSTAR PCB Editor.
Class	E-net class	Mode	Shield Mode	✓		Read-only in eCADSTAR PCB Editor.
Class	E-net class	Track Width Stack	Track Width Stack	✓	✓	
Class	E-net class	Voltage (V)	Voltage (V)	✓	✓	
Class	Differential pair class	Clearance Class	Clearance Class			
Class	Differential pair class	Color	Color/Net Color in PCB	✓	✓	
Class	Differential pair class	Differential Pair Rule Stack	Differential Pair Rule Stack	✓	✓	
Class	Differential pair class	Hole/Area Design Rule Stack	Hole/Area Design Rule Stack	✓	✓	
Class	Differential pair class	Same Net Design Rule Stack	Same Net Design Rule Stack	✓	✓	
Class	Net group	Net name	Shield Net name	✓		Read-only in eCADSTAR PCB Editor.
Class	Net group	Gap	Shield Gap	✓		Read-only in eCADSTAR PCB Editor.
Class	Net group	Mode	Shield Mode	✓		Read-only in eCADSTAR PCB Editor.
Component	Component	0		Not applicable	Not applicable	Attribute is not available in eCADSTAR Schematic Editor.
Component	Component	45		Not applicable	Not applicable	Attribute is not available in eCADSTAR Schematic Editor.
Component	Component	90		Not applicable	Not applicable	Attribute is not available in eCADSTAR Schematic Editor.
Component	Component	135		Not applicable	Not applicable	Attribute is not available in eCADSTAR Schematic Editor.
Component	Component	180		Not applicable	Not applicable	Attribute is not available in eCADSTAR Schematic Editor.
Component	Component	225		Not applicable	Not applicable	Attribute is not available in eCADSTAR Schematic Editor.
Component	Component	270		Not applicable	Not applicable	Attribute is not available in eCADSTAR Schematic Editor.
Component	Component	315		Not applicable	Not applicable	Attribute is not available in eCADSTAR Schematic Editor.
Component	Component	Color		Not applicable	Not applicable	Attribute is not available in eCADSTAR Schematic Editor.
Component	Component	Comment		✓	✓	Read-only
Component	Component	Device Type	Device Type			Read-only
Component	Component	Maximum Height	Maximum Height			
Component	Component	Passive Type		✓	✓	
Component	Component	Permitted Placement Side				Attribute is not available in eCADSTAR Schematic Editor.
Component	Component	Placement Group Name		✓	✓	In the Properties Panel in eCADSTAR Schematic Editor.
Component	Component	Standoff Height				Read-only
Component	Component	Value	Value	✓	✓	
Component	Pin	Comment				Read-only
Component	Pin	Pin Type	Pin Type	✓	✓	
Component	Pin	Placement Group Name		✓	✓	