

Prohibited Characters

[illegible]

Location	Item	NL	Tab	sp	!	"	#	\$	%	&	'	()	*	+	,	-	.	/	0-9	:	;	<	=	>	?	@	A-Z	[\]	^	_	`	a-z	{		}	~	del						
Component/Part	Reference designator										*2																																			
	Block name																																													
	Value																																													
	Description																																													
	Component group																																													
	Placement group name																																													
	Component comment																																													
	Fitted																																													
	User-defined attribute value																																													
	Reference designator prefix																																													
	Start value for reference designator																																													
	Part class																																													
	Part acceptance reason																																													
	Passive connectivity																																													
Pin	Pin label										*2	*10	*10			*8													*9	*9																
	Pin number																																													
	Pin type																																													
	Pin circuit label																																													
	Placement group																																													
Net	Name/label										*2					*8																														
	Net comment																																													
	Routing width stack																																													
	Same net design rule stack																																													
	Hole/Area design rule stack																																													
	Shielding net																																													
	Shielding routing width stack																																													
	Shielding gap																																													
	Layer for net																																													
	Voltage [V]																																													

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	This indicates a prohibited character
*1	eCADSTAR will automatically append a "\" in front of this character when sending a command to the routing engine. This must be done manually if sending custom commands.
*2	eCADSTAR will automatically convert this character to its hexadecimal equivalent when sending a command to the routing engine. This must be done manually if sending custom commands.
*3	This character is prohibited when used as a bit separator.
4	A single "" character is prohibited, however more than one can be used in succession.
*5	This is prohibited for pin properties in eCADSTAR Schematic Editor
*6	The character pattern "+_-" is prohibited for footprint and symbol names
*7	The "-" character (hyphen) should not be used for the names of footprint pins which are used for passive connectivity. This is because this character is used as a separator when specifying pins for passive connectivity in the Part Editor Panel
*8	The "," (comma) character is prohibited for this item, although it can be used as a bit separator character when specifying a bit count.
*9	The "[" and "]" characters (square brackets) can only be located at the end of a pin label. This is because they are used only to specify the array format of the pin label.
*10	It is recommended that the "(" and ")" (round brackets) characters are not used for pin labels.

- Note:**
- "&", "*", "|" are used for wildcard filtering. Using these characters in attribute names or values may cause unexpected results when filtering those attributes.
 - All Extended ASCII characters are prohibited in eCADSTAR. Extended ASCII characters are not in the standard ASCII character set.

For the codes that are difficult to recognize in the prohibited character list, see the table below.

	Code	Character name
(1)	NL	Enter key
(2)	Tab	Tab key
(3)	sp	Space key
(4)	"	Double quotation
(5)	'	Single quotation, apostrophe
(6)	,	Comma
(7)	-	Hyphen
(8)	.	Period
(9)	:	Colon
(10)	;	Semicolon
(11)	^	Caret
(12)	_	Underscore
(13)	`	Grave accent
(14)	 	Vertical line, vertical bar
(15)	~	Tilde
(16)	del	Delete key
(17)	MUL	Multi byte character code

[illegible]

MUL

, Properties