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Square Wave Voltage Source: V_SQR

Symbol



Summary

This signal source is superseded and should be replaced with one of the following: [AC_V](#) for voltage sources, [AC_I](#) for current sources, or [PORT_SRC](#) for ports, with the Signal parameter set to this signal type.

The period for tone 1 sources is the inverse of the specified simulation frequency; see [“Frequency Sweep Control”](#) for details.

Parameters

Name	Description	Unit Type	Default
ID	Voltage source ID	Text	V1
AMP	Open circuit signal magnitude	Voltage	1 V
TR	Rise time	Time	0 ns
TF	Fall time	Time	0 ns
TD	Time delay	Time	0 ns
WINDOW	Window type		DEFAULT ^[1]
Offset	Waveform offset (does not affect DC)	Voltage	0
DCVal	DC value (used for DC analysis)	Voltage	0

Name	Description	Unit Type	Default
[1] Window type options are none (NONE), Lanczos (DEFAULT, ref [1]), Triangular (TRIANG), Hanning (HANN), Hamming (HAMM), Blackman (BLACK). See L_PLS for additional details on the WINDOW parameter.			

Layout

This element does not have an assigned layout cell. You can assign artwork cells to any element. See [“Assigning Artwork Cells to Layout of Schematic Elements”](#) for details.

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