

[Back to search page](#)
[Click to download printable version of this guide.](#)
[AWR Microwave Office Element Catalog](#) > [Sources](#) > Triangle Wave Voltage Source: V_TRI
[Prev](#)
[Next](#)

Triangle Wave Voltage Source: V_TRI

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This signal source is superseded and should be replaced with one of the following: [AC_V](#) for voltage sources, [AC_I](#) for current sources, or [PORT_SRC](#) for ports, with the Signal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
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
^[1] Window type options are none (NONE), Lanczos (DEFAULT, ref [1]), Triangular (TRIANG), Hanning (HANN), Hamming (HAMM), Blackman (BLACK). See I_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.

[Prev](#)[Up](#)
[Home](#)[Next](#)

Please send email to awr.support@cadence.com if you would like to provide feedback on this article. Please make sure to include the article link in the email.

[Legal and Trademark Notice](#)