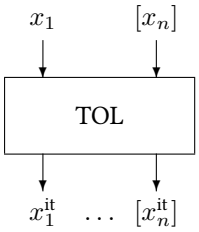
Block TOL

The TOL block defines the iteration signal in a loop set up by a block of group L.





Name	TOL
Function	fb0056
Inputs	1 . . . [50]
Outputs	1 . . . [50]
Parameters	0
Strings	0
Group	-L

Inputs

1 Any signal x_1 from a block of group L
2 Any signal x_2 from a block of group L

Outputs

1 Same value as x_1 but interpreted as iteration signal.
2 Same value as x_2 but interpreted as iteration signal.

Parameters

None

Strings

None

Description

The TOL block (top of loop) is mainly used by the sorting algorithm to reconstruct L-block loops. All blocks using the output signal of the TOL block and contributing to the corresponding L-block's input are sorted into the corresponding iteration process.

At run time, this block performs no operation on the input signal, i. e., $x^{\text{it}} = x$.

The block alone makes no sense without a corresponding L-block. For an example, see block LOOP, MPP, or NULL, for instance.