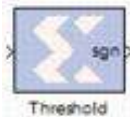


Threshold

This block is listed in the following Xilinx Blockset libraries: Basic Elements, Data Types, Math and Index.



The Xilinx Threshold block tests the sign of the input number. If the input number is negative, the output of the block is -1; otherwise, the output is 1. The output is a signed fixed-point integer that is 2 bits long. The block has one input and one output.

Block Parameters

The block parameters dialog box can be invoked by double-clicking the icon in your Simulink model.

Parameters used by this block are explained in the topic [Common Options in Block Parameter Dialog Boxes](#).

The block parameters do not control the output data type because the output is always a signed fixed-point integer that is 2 bits long.

Xilinx LogiCORE

The Threshold block does not use a Xilinx LogiCORE™.