How to wait for a condition on an input port

version 1.1.1

scope Example. This code is provided as example code for a user to base

their code on.

description How to wait for a condition on an input port

boards Unless otherwise specified, this example runs on the SliceKIT Core

Board, but can easily be run on any XMOS device by using a different

XN file.

An input operation can be made to wait for one of two conditions on a port: equal to (pinseq) or not equal to (pinsneq) some value.

The following statement instructs input_port to wait until the value stored on its pins is not equal to input_value before sampling and providing it to the processor to store in input_value.

input_port when pinsneq(input_value) :> input_value;

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