

# VciDspinTargetWrapper

## Functional Description

This hardware component connects a VCI target to a DSPIN micro-network. It can be used in conjunction with the [VciDspinInitiatorWrapper](#) and the [DspinRouter?](#) components to build a VCI compliant DSPIN micro-network. It translates the VCI packet format to the DSPIN packet format.

The DSPIN network on chip is a distributed network, with a 2D mesh topology. It has been designed for shared memory clusterized, multi-processors architectures. It supports the GALS (Globally Asynchronous Locally Synchronous) approach.

## Component definition

### Usage

## CABA Implementation

- interface :  
`source:trunk/soclib/soclib/module/network_component/vci_dspin_initiator_wrapper/caba/source/include/vci_dspin_ta`
- implementation :  
`source:trunk/soclib/soclib/module/network_component/vci_dspin_initiator_wrapper/caba/source/src/vci_dspin_target`

## TLM-T implementation

There is no TLM-T implementation for the DSPIN network. (You can use the **VciVgmn** generic interconnect)

## Template parameters

## Constructor parameters

## Ports