**CD++ Model Data Form**

Title: Network On Chip

Type: DEVS Model

Acronym/Short name: NOC

Purpose for which Developed: A model for simulation of simple 2x2 mesh architecture of any chip.

Other Applications for which it is Suitable:

Date Developed/Implemented: 2016

Domain:

Current Version:

URL:

Description (including characteristics): NOC model consists of four different nodes which are connected with the inputs and outputs of each other. It consist of Unit and Interface. Interface is kind of a medium for every message sharing in the node, whether it’s on the same node or between different nodes. Message is saved in the Buffer and is processed by the Processor. After processing, Processor Ask for new message from Buffer.

Links to Related Documents

Short Title:

URL:

Description:

Keywords: Network On Chip, Interface, Node, Chip, Buffer, Processor

Developer:

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Comments: This model works properly.