

HyperTransport OpenVera Verification IP

Features

- Compliant with HyperTransport I/O Link Specification, version 1.03
- Highly modular test bench design with host controller and cave models and protocol checkers
- Object Oriented design
- Synopsys OpenVera model architecture testbench object
- Highly configurable test bench to support all the interface widths, frequencies and data rates
- Performs traffic generation, reception and checking
- Checks protocol compliance at signal level and transaction level
- Supports double hosted chains
- Supports peer-to-peer communication
- Exhaustive, targeted and random tests to provide very high functional coverage
- Comprehensive documentation facilitates customization of the upper layers and addition of test cases.

For more information please contact us at:

GDA Technologies, Inc.
www.gdatech.com
ip@gdatech.com

Overview

The HyperTransport Verification Intellectual Property (IP) complements the synthesizable HyperTransport Tunnel core available from GDA and provides designers with a highly sophisticated verification environment for the complex I/O protocol. This verification IP contains pre-built and pre-verified modules for generating HyperTransport transactions and monitors, enabling users to reduce total verification time.

Deliverable

Highly configurable HT Verification environment

Suite of compliance test cases

A detailed reference manual

A quick reference guide with sample test cases for easy start

