

OCP

International Partnership



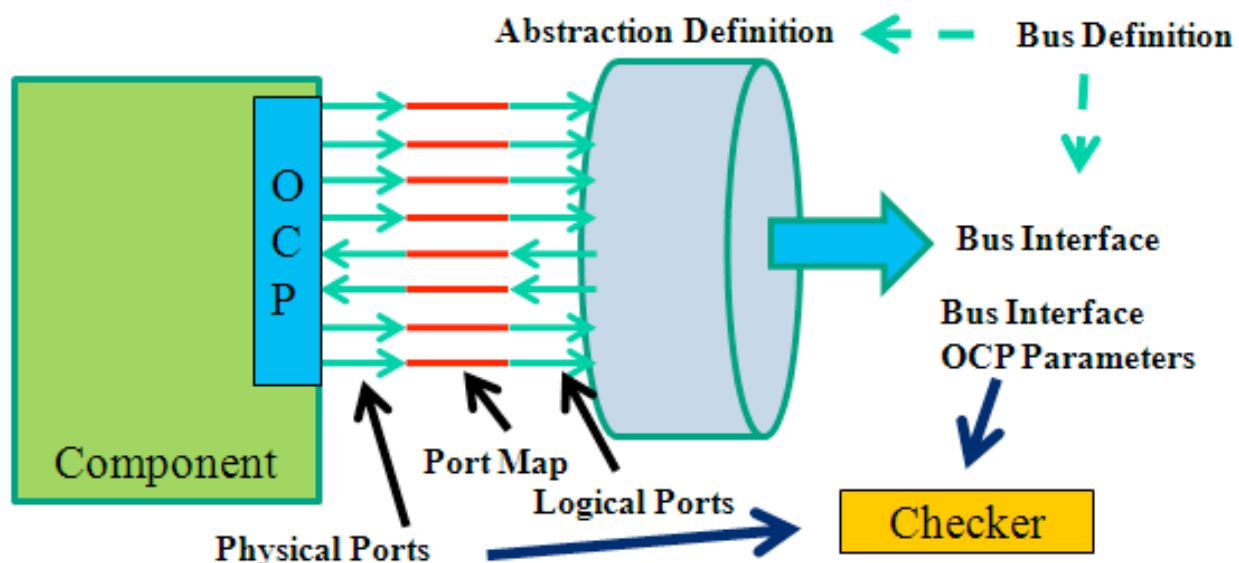
IEEE 1685 Vendor
Extensions & OCP Bus
Definition & Abstractions
Definition Kit Datasheet

Fully Describe the Richly Detailed OCP Interface in IEEE Standard Format

IEEE1685 Vendor Extensions provide a way to comprehensively define the configurable bus interface in machine-readable XML structure in an IEEE standard format. Vendor Extensions are compatible with both IEEE1685 and IPXACT 1.4. The package consists of examples and documentation for vendor extensions and OCP2.2 bus definition, abstraction definition files & configuration checkers that validate OCP configurations.

OCP Vendor Extension Kit: Key Features

- Bus Definition vendor extension schema for configuration parameters of burst.
 - Parameter definitions include rules for defining valid configurations
- Abstraction definition vendor extension schema to allow definition of the conditions under which the given logical port should exist.
 - Conditions are based on parameter values from the bus definition.
- Compatible with IEEE1685 standard
- Compatible with IP-XACT 1.4 specification
- OCP2.2 bus definition and abstraction definition
- OCP2.2 configuration checker



Contents of Package

Documentation

Examples

Vendor Extension schema (Template for configurable bus interfaces)

Schema documentation

XSLT checker (Checks compatibility of OCP parameters & physical ports on interface)

OCP2.2 Bus Definition & RTL Abstraction Definition files

Membership Benefits

OCP-IP members receive free training, support, and software tools, enabling them to focus on the challenges of SoC design. Leveraging OCP-IP's infrastructure eliminates the need to internally manage, document, train and evolve a proprietary standard and acquire accompanying support tools, thus freeing up critical resources for the real design work and ensuring enormous cost savings. The OCP Metadata Vendor Extensions Kit is available to members of OCP-IP and can be downloaded at www.ocpip.org. The package is also available to non-members via click-thru research license agreement at www.ocpip.org.

About OCP-IP

Formed in 2001, OCP-IP is a non-profit corporation promoting, supporting and delivering the only openly licensed, core-centric protocol comprehensively fulfilling integration requirements of heterogeneous multicore systems. The Open Core Protocol (OCP) facilitates IP core reusability and reduces design time, risk, and manufacturing costs for all SoC and electronic designs by providing a comprehensive supporting infrastructure. For additional background and membership information, visit www.OCP-IP.org.

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