
asureVIP™ from TVS

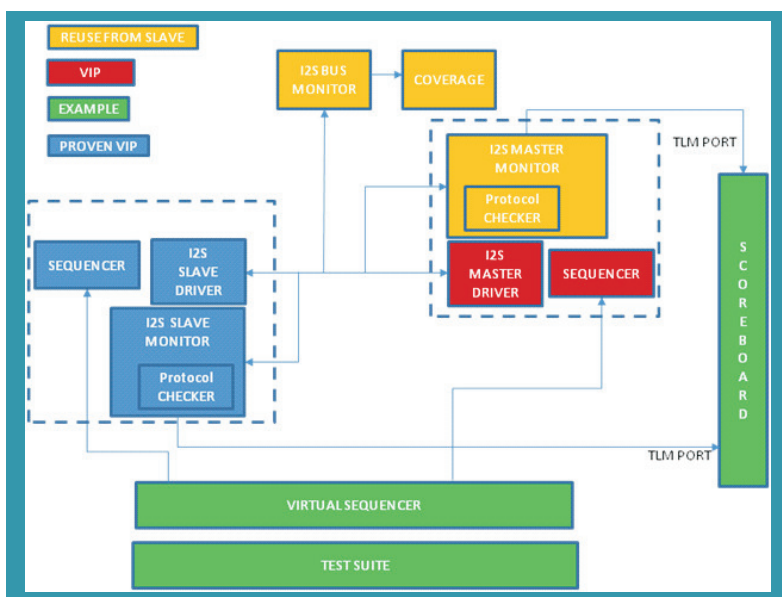
TVS I2S OVM MASTER VIP

OVERVIEW

Test and Verification Solutions offers an I2S OVM Master VIP as part of its asureVIP™ series of offerings. This is a highly flexible and configurable verification IP, which can be easily integrated into any SOC verification environment. The Master VIP has been interoperability tested with a Slave VIP configuration. This slave VIP was used in successfully verifying a DUT, later silicon proven.

The VIP comes with a Bus Monitor for performing all protocol checks. The monitor also performs key protocol checks and reports errors for non compliance with Philips I2S Specification.

BLOCK DIAGRAM



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FEATURES

- Transmitter is Modeled to Support 3 pin configuration
- Supports Two Modes System Clock, Internal clock
- Right and Left Chanel Support
- Supports both functions Transmitter and Receiver



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TVS I2S OVM MASTER VIP

TECHNICAL SPECIFICATION

Part Number	asureVIP_I2S_M
Description	I2S OVM SV based Master VIP
Provider	Test and Verification Solutions
Languages Supported	System Verilog
Methodology	OVM 2.1.1
Simulators	Cadence Incisive, Mentor Questa
Compliance	I2S PHILIPS Specification 1996
Availability	September 2011

ABOUT US

TVS delivers an independent verification service that not only reduces your costs and time-to-market, but also improves product quality.

TVS combines skills and experience in software testing, hardware verification and outsourcing to provide customers with an efficient, well-managed, quality assurance service.

TVS provides both consultancy and execution services using experienced engineering resources in several locations around the world. TVS removes the pain and risk from outsourcing leaving you with just the benefits.

To learn more about our offerings, write to us at vip@tandvsolns.co.uk

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June 2011 Version 1.0

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BENEFITS

- Highly Flexible, Independent and Configurable I2S Master VIP
- Proven against DUT Proven VIP
- Less TAT in integrating into SOC Verification environments

DELIVERABLES

- VIP user Guide
- I2S Master OVM VIP
- Sample Testbench Integrated with proven I2S Slave VIP
- Sample Scoreboard
- Sample Virtual Sequencer



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