

PS2 e Verification Component

Overview

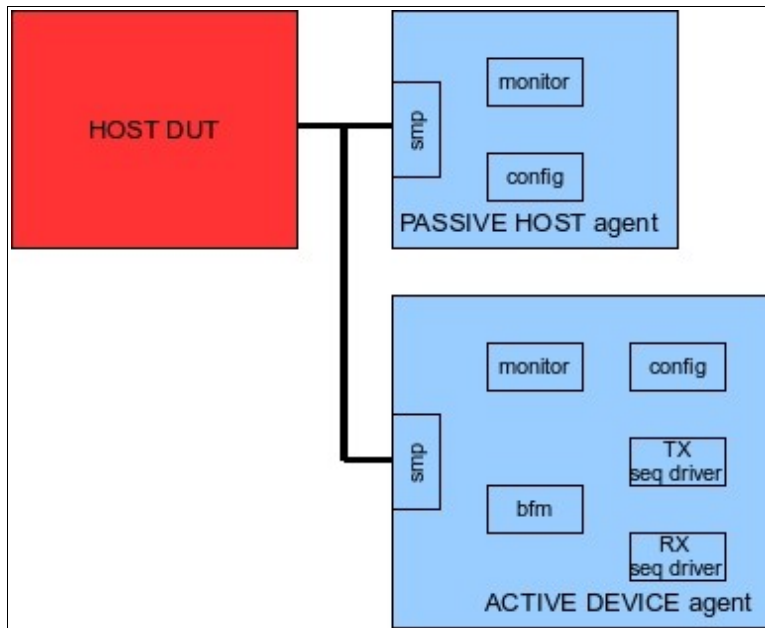
PS2 protocol provides bi-directional, synchronous serial interface between host controller and PS2 device, usually keyboards and mice.

Our *eVC* comprises a complete set of elements for stimulating, checking and collecting coverage information on your device under test(DUT) implementation.

Features

- *eRM* compliant
- supports both Host and Device functionality
- configurable timing
- supports bi-directional transmission
- parity odd generation and collection
- errors insertion and detection(parity error, illegal stop bit, illegal length, line contention)
- full control over the generated frames using sequences and sequence drivers
- assembly of collected data into structures using built-in monitors
- functional coverage
- protocol checker
- simulator and HDL independent

NoBug Consulting



Verification environment topology for a host DUT(block level)

Deliverables

- Documentation(usage guide, eDoc, release notes)
- e sources
- Example test cases
- Shell script for a quick demo

About Nobug

NoBug(www.nobug.ro) is an expert digital design verification company that masters a full range of technologies (functional, formal, assertion-based) with a variety of tools. Our goal is to establish strategic alliances designed to help deliver a customer-centric, total solutions approach to solving problems, exploiting business opportunities and creating sustainable competitive advantage for the customers.