

AVB Endpoint Simulation

Automotive specific AVB tests for single ECU and system integration testing



Advanced Functions

- ⇒ 100BASE-TX or optional 100BASE-T1 (BroadR-Reach) Port
- ⇒ Simulation of Automotive AVB Device with induced failure behavior
- ⇒ Simulation of 1-step or 2-step clock behavior
- ⇒ BMCA or static gPTP Grandmaster/gPTP Slave
- ⇒ Customized adjustment of protocol parameters
- ⇒ Logging of timestamps for Master and Slave operation
- ⇒ Outputs for PPS-Signals and customized Trigger-Signals

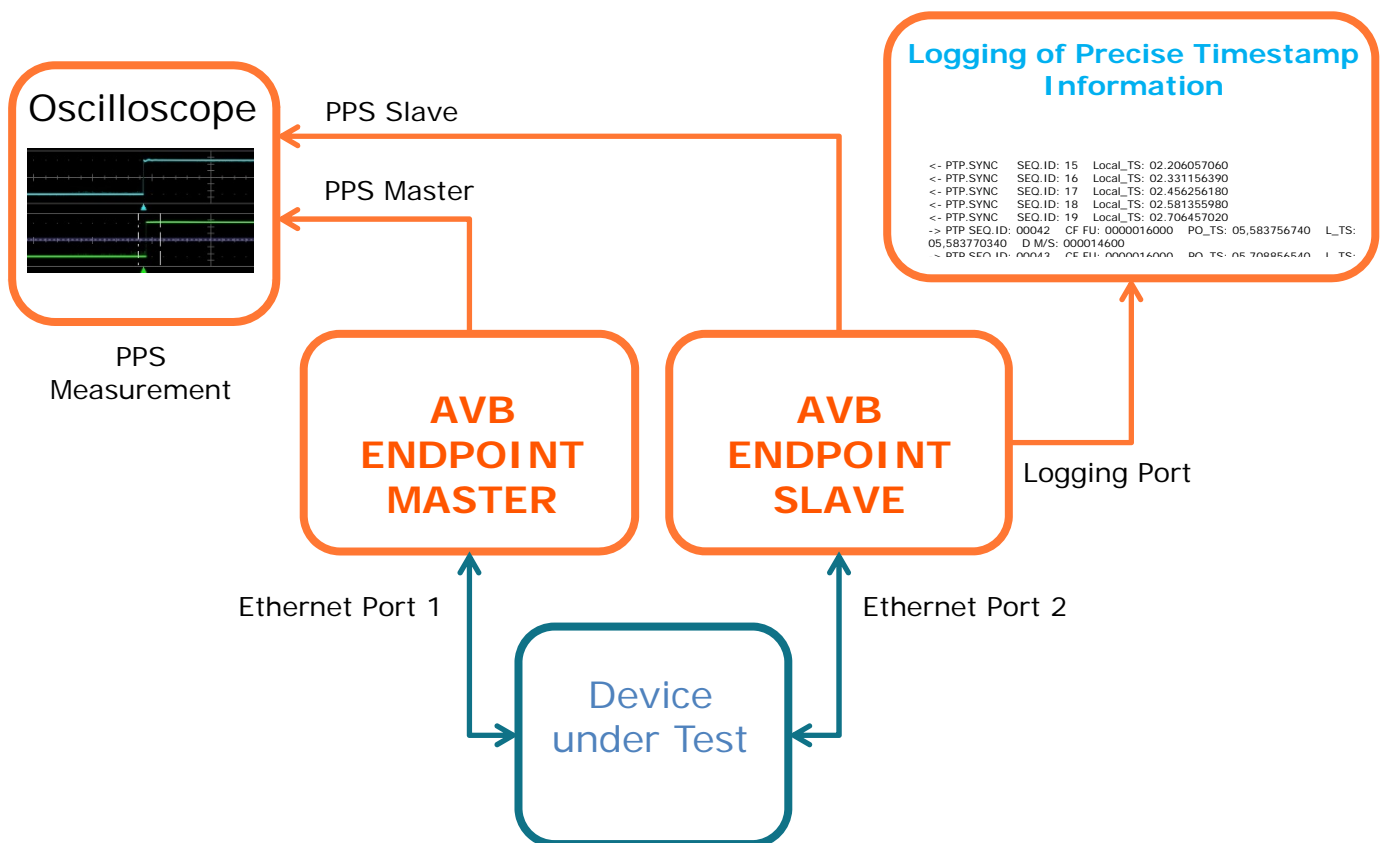
- ⇒ Open API

Basic Functionality

- ⇒ IEEE 802.1AS (gPTP)
 - ⇒ IEEE 802.1Qat (MRP/MSRP/MVRP)
 - ⇒ IEEE 802.1Qav (FOTSS)
 - ⇒ IEEE 1722 (AVTP und MAAP)
 - ⇒ IEEE 1722.1 (AVDECC)
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Example: ECU Test Setup for AVB Switch Testing (gPTP)



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