

→ Vehicle Networking Tools

ONTORIX TESTER OTX4801

TEST AUTOMATION OF COMPLEX VEHICLE NETWORKS



HIGHLIGHTS

The Ontorix Tester OTX4801 is a tool for test automation of vehicle networks with MOST 150 and CAN. It includes a comfortable development environment for the test programs on the user's PC. A real-time capable runtime environment on the tester provides for the highly efficient execution of the test programs, thereby achieving a high reactivity of the stimuli on all system interfaces. Logging with high precision time stamps - consistent over all interfaces - facilitates the rapid error detection.

- Test automation integrates all supported buses and system interfaces
- Real-time capability
- Logging with high precision time stamps
- In vehicle operation as well as in the laboratory
- Simple programming
- Monitoring the supply voltage of the devices under test (DUT)

TECHNICAL DATA

Product Properties

- PC architecture, Intel Atom N270 CPU, 2GB RAM
- Solid state disk with 30 GB logging space
- Comprehensive set of system interfaces
- High precision time stamps synchronous over all system interfaces
- Real-time capability
- Sophisticated support for test automation by a flexible runtime environment on the tester
- Test program development on the user's PC
- Deployment of test programs to tester via Ethernet

System Interfaces

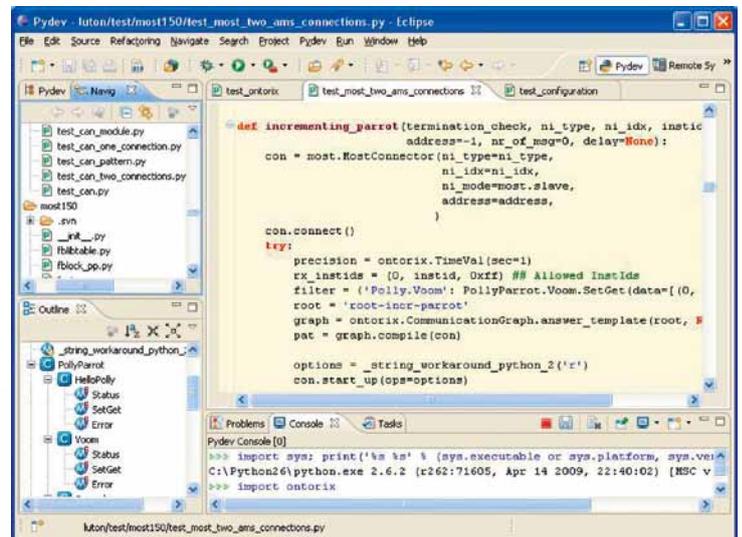
- 1 x MOST 150
- 2 x CAN
- 1 x Analog Audio In/Out
- 1 x S/PDIF In/Out (optical)
- 1 x Ethernet 1Gbit/s
- 4 x Analog In
- 8 x USB 2.0
- 1 x Trigger key
- 4 x HF In/Out
- 2 x RS232
- 1 x VGA

Use Cases

- Test automation of complex vehicle networks
- Stress generation for challenging test cases
- Gateway testing
- Compliance testing
- Device simulation
- Rapid prototyping

Programming Environment

The Eclipse-based programming environment provided with the tester is a mature development tool for programming in C/C++ or Python. A comprehensive API facilitates the access to all system interfaces.



Ontorix GmbH
Boschstraße 10
D - 73734 Esslingen
Phone +49 711 664 639-0
Fax +49 711 664 639-20
www.ontorix.com

Ontorix
Solutions for Vehicle Networking