

Automotive Validation Testing

RTStand LV124 / LV148 - fully-automated testing systems

Your Challenge

- Validation of automotive components according to LV124/ LV148
- Drastically reduce testing times
- Replace insufficient manual testing
- Improve testing depth
- Reduce analysis times
- Reduce documentation efforts
- Reproducible testing environment



Our Solution

- Fully-automated testing systems for LV124 / LV148
- Generic design supporting various kinds of DUTs
- No manual testing, no human failure!
- Automated parameter/function tests, no risk for failures!
- Automated reporting, reducing documentation efforts!
- Continuous monitoring and logging on all pins
- 24/7 testing
- Saves half of the testing costs!

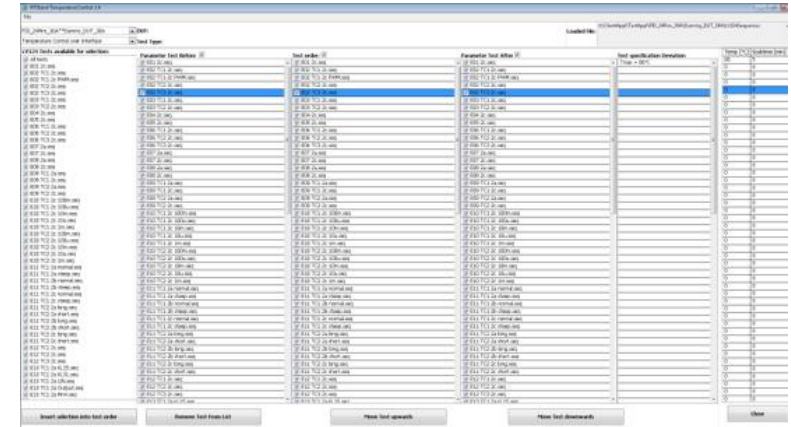
WKS
Informatik
Experts in Testing

Automotive Validation Testing

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Key Advantages and Benefits

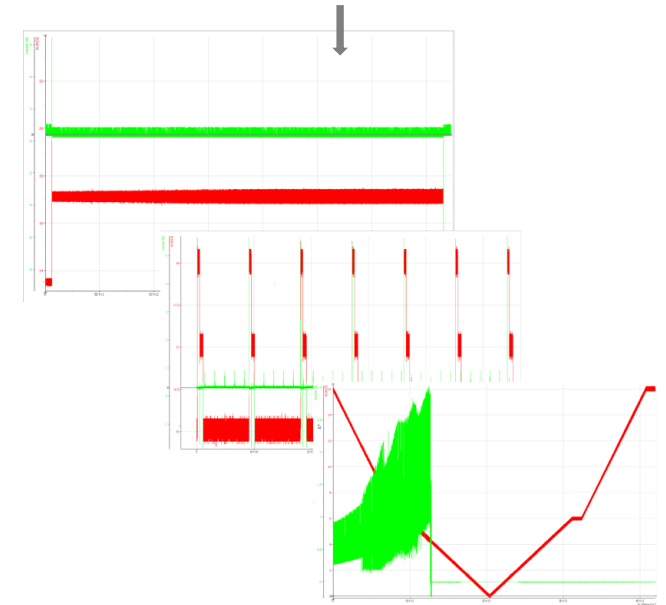
- Fast DUT variant definition and reuse of previous variants
- Flexible test run definition with automated climate chamber control
- Coverage of LV124 standard tests and support for additional LV124 OEM tests
- Faster analysis of test sample issues after test loop
- Reduced test documentation efforts
- Automated parameter/function tests
- HALF THE COSTS!



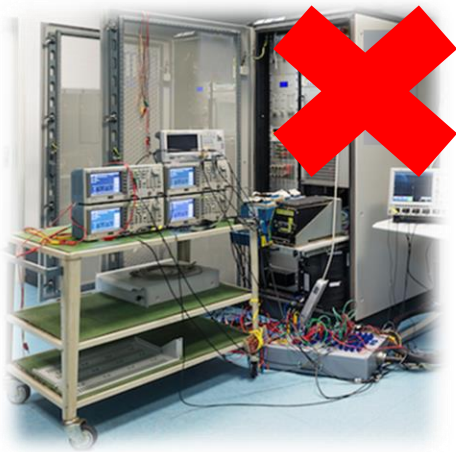
Test name	Parameter test name	Test number	Parameter test name	Test specification description
0101	0101	0101	0101	0101
0102	0102	0102	0102	0102
0103	0103	0103	0103	0103
0104	0104	0104	0104	0104
0105	0105	0105	0105	0105
0106	0106	0106	0106	0106
0107	0107	0107	0107	0107
0108	0108	0108	0108	0108
0109	0109	0109	0109	0109
0110	0110	0110	0110	0110
0111	0111	0111	0111	0111
0112	0112	0112	0112	0112
0113	0113	0113	0113	0113
0114	0114	0114	0114	0114
0115	0115	0115	0115	0115
0116	0116	0116	0116	0116
0117	0117	0117	0117	0117
0118	0118	0118	0118	0118
0119	0119	0119	0119	0119
0120	0120	0120	0120	0120

System Features

- Automated reporting and logging
- Continuous monitoring on all voltage and current pins in parallel with 100kHz per pin
- < +/- 1% accuracy for current and voltage measurements
- Support of various fieldbuses (CAN, LIN, Automotive Ethernet etc.)
- Support of additional external devices (e.g. CANoe for restbus simulation and diagnose)
- Support of up to 96 signal pins and 14 bus pins



**Upgrade your testing experience and come into the age of full-automation!
Ensure your ECUs are safe, reliable and high-performing!**



RT Stand **LV 124**
HIL TEST AND SIMULATION

“We have reduced the overall testing time to a half compared to the previous manual testing and currently save 150.000 EUR for the LV124 testing of every several new software releases of our product”

multinational automotive supplier

“This innovative modular concept [measurement and analysis], which gives us the opportunity to monitor a high number of pins in parallel, [...] allows us to make a deeper analysis of our products and especially find sporadic errors earlier in the development phase.”

Ralf Zimmermann, Continental