

For Interoperability (IOP) Test **GOLDEN DEVICE**

APPLICATION

**The solution to ensure interoperability of
your Automotive Ethernet ECU**

For Interoperability (IOP) Test GOLDEN DEVICE



DESCRIPTION

The Golden Device from Technica Engineering is the first commercial product for the execution of tests based on OPEN Alliance TC8 Layer 1 IOP.

It has the original reference circuit used for the standardization of 100BASE-T1 and the required external circuit for execution of the tests based on (version 1). Alongside ANDi tool and the ANDi Golden Device Add-on, it provides step-by-step guidance and automation for the execution of tests based on Link-up Time (version 1 and 2), Signal Quality (version 1) and Cable Diagnostics (version 1 and 2).

Using additional equipment of Rohde & Schwarz (RTO-B6 noise generator and RT-ZF7 adapter boards), the tests based on Signal Quality (version 2) can be executed.

Contact us for more information!

FEATURES

- ✓ 3 x 100BASE-T1
- ✓ DUT power supply and wakeup line
- ✓ ANDi Tool and ANDi Golden Device Add-on for guided execution of the test cases
- ✓ External circuits for tests based on OPEN Alliance TC8 IOP integrated
- ✓ Tyco MQS connectors for 100BASE-T1, CAN and power supply
- ✓ Webserver for easy configurations
- ✓ Possibility to reset to default settings by pushbutton
- ✓ Robust stainless steel case
- ✓ Execute the tests based on OPEN Alliance TC8 Layer 1 IOP: Link-up Time (v1 and v2), Signal Quality (v1), Cable Diagnostics (v1 and v2)
- ✓ Combine the Golden Device and the ANDi Golden Device Add-on with Rohde & Schwarz B6 and RT-ZF7 board set for execution of tests based on OPEN Alliance TC8 Layer 1 IOP Signal Quality (v2)

2x
**EXTERNAL CIRCUIT
FOR IOP TESTS**



3x
100BASE-T1



1x
**STANDARD GIGABIT
ETHERNET (RJ-45)**



1x
**DEVICE UNDER
TEST**



1x
**POWER SUPPLY
AND CAN**

