

RA, RX, RL78 Ecosystem Partner Solution TEConcept IO-Link V1.1.3 Stacks

RENESAS

PARTNER
NETWORK

READY

Solution Summary

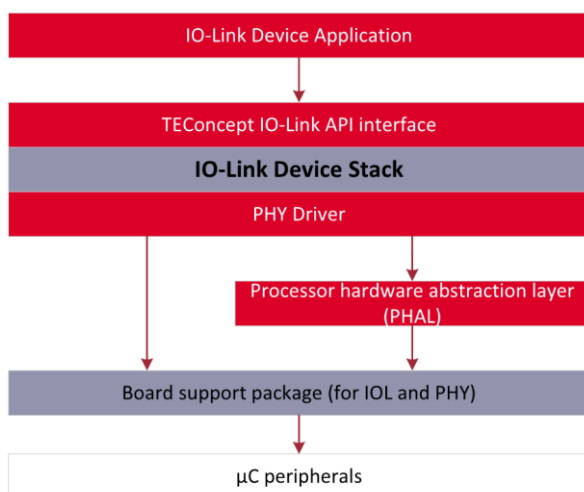
TEConcept provides IO-Link Stacks V1.1.3 for IO-Link master and device. IO-Link Master Stack V1.1.3 supporting e.g. [CCE4510](#) PHY including IO-Link SMI interface. IO-Link Device Stack V1.1.3 including driver to IO-Link PHY [ZIOL2401](#) and [CCE4502](#) for manufacturing IO-Link compliant Devices with optional parameter handler. Available for [RA Family](#), [RL78 Family](#) or [RX Family](#) MCUs.

Features/Benefits

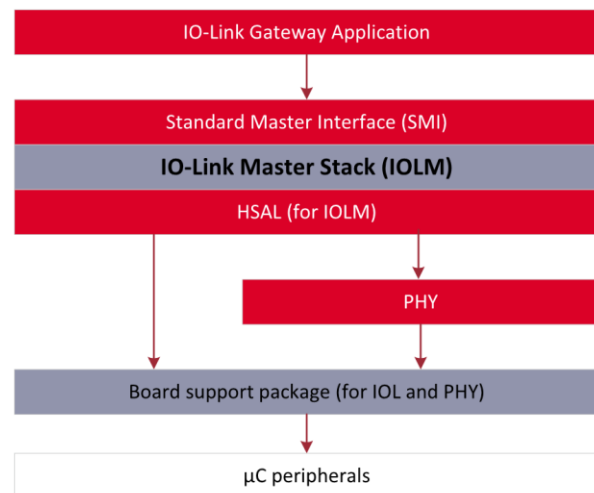
- API reference manual and demo application included
- Supports all mandatory features of the IO-Link specification at all COM speeds
- Option support for IO-Link profiles, e.g. Device firmware update
- Royalty-free license, one year maintenance

Diagrams/Graphics

IO-Link Device stack



IO-Link Master stack



Target Markets and Applications

- Industrial Automation
 - PLC
 - Remote/IO
- IO-Link Devices
 - Sensors
 - Actuators

<https://teconcept.de/en/io-link/produkte/>

TEConcept

Who are we?

TEConcept is an engineering office that offers services for commercial and industrial partners. Our services include:

- Consulting, Development support
- Software / Hardware design

Know-How

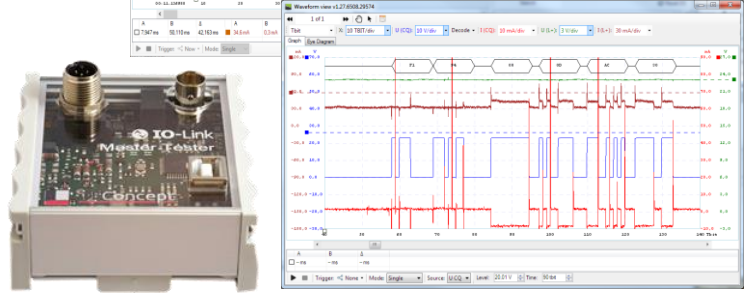
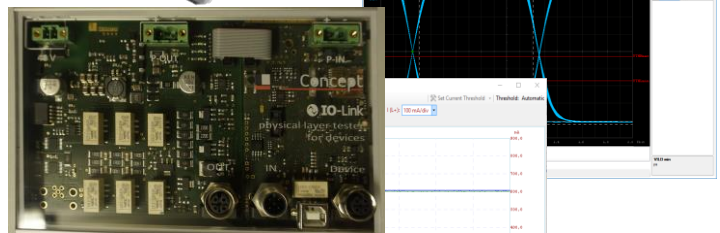
- Industrial communication, especially IO-Link
- Digital signal processing
- embedded Software
- Graphical User Interfaces
- Short-range radio communication

IO-Link Competence and Test Center

- Consulting, Conformance testing
- IO-Link product development
- Reference designs

IO-Link Products

- IO-Link Master / Device stacks
- IO-Link Firmware Update
- IODD-Designer
- IO-Link V1.1.3 Device Tester,
- IO-Link V1.1.3 Master Tester
- EMC Test Master,
- EMC V1.1.3 Test Device
- IO-Link V1.1.3 Physical Layer Tester
- USB 1 and 4-port master (modules)
- IO-Link Diagnosis Tool
- IO-Link Safety Master Tester (in preparation)
- IO-Link Control Tool (Parameterization)



EMC Test Report
Generated on: 04.12.2020 12:19:26

Project Details	
Project	SCF
Responsible Party	TEC
Tester Person	E. K
Type of Device	Pres
Test Location	ELN

Under Test Details	
Part ID	271
Device ID	131:
Version ID	1.1
Supplier	Sup
Generate m-sequence	4
Generate m-sequence	1
Generate Data In Length	4 oc

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