Stand 13.04.2026

Tracing and Multicore Debugging for TriCore/AURIX™ (MCDS) with the PLS Universal Debug Engine UDE - Live Online Training

**Ziele -
Ihr Nutzen**

You can efficiently use the PLS UDE for debugging and tracing an AURIX™ multicore system. This includes all basic methods (e.g. breakpoints, run control, watch, registers, peripherals, memory, etc.), extended functions, like various methods of runtime measurement or code coverage analysis as well as hardware-based (MCDS) trace recording and the related evaluation.

YOUR BENEFIT:

We are working with real training systems. The trainer demonstrates the different features on a system, while the attendees can immediately reproduce and try out what they just learned on their training systems.

Teilnehmer

Hardware and software developers, test managers, test engineers

Voraussetzungen

Basiskenntnisse der AURIX™ Mikrocontroller-Architektur

Live Online Training

14.07. – 14.07.2026 700,00 € 1 Tage

* Preis je Teilnehmer, in Euro zzgl. USt.

Anmeldecode: LE-MCDSPLS

Präsenz-Training - Englisch

Dauer
1 Tag

Live-Online - Deutsch

Termin	Dauer
14.07. – 14.07.2026	1 Tag

Präsenz-Training - Deutsch

Termin	Dauer
27.10. – 27.10.2026	1 Tag

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Inhalt

Tool Architecture

Stand 13.04.2026

Watching and Changing Registers

Watch Window (Variables)

Expressions

Locals and Call Stack

Memory Content

Graphic Display

Run Control

Runtime Measurement

Profiling

Multicore Debugging (Load, Run, Break, Cache, MPU)

Automation - Overview (e.g. Python)

Trace Recording

Configuration (Compact, Advanced)

Trace-Based Profiling

Data Trace

Code Coverage

Execution Sequences

Call Graph

GTM Debug/Trace

Peripheral Trace