MicroConsult

As of 02.08.2025

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

Objectives

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.

Participants

Hardware and software developers, test managers, test engineers

Requirements

Basiskenntnisse der AURIX™ Mikrocontroller-Architektur

Live-Online-Training

11.11. – 11.11.2025 700,00 € 1 Days

* Price per attendee, in Euro plus VAT

Training code: LE-MCDSPLS

Face-To-Face - English

Date	Duration
03.03. – 03.03.2026	1 day

Live Online - German

Date	Duration
11.11. – 11.11.2025	1 day

Face-To-Face - German

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Content

Tool Architecture

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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

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