

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

11.11. – 11.11.2025 700,00 € 1 Tage

* Preis je Teilnehmer, in Euro zzgl. USt.

Anmeldecode: LE-MCDSPLS

Präsenz-Training - Englisch

Termin	Dauer
03.03. – 03.03.2026	1 Tag

Live-Online - Deutsch

Termin	Dauer
11.11. – 11.11.2025	1 Tag

Präsenz-Training - Deutsch

Termin	Dauer
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Inhalt

Tool Architecture

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**