

As of 26.04.2024

# Multicore-Debug for TriCore/AURIX™ with Lauterbach TRACE32 - Live Online Training

#### **Objectives**

This training addresses newcomers to the area of debugging with the Lauterbach TRACE32 toolchain as well as users who want to extend their knowledge, for example, of multicore target platforms. Generic and AURIX™ specific features are highlighted and demonstrated, also in the context of the Lauterbach scripting language Practice. From generating fundamental configuration scripts across all classic debug methods to more advanced techniques, like automation through Python and operating system based debugging, attendees will extend and intensify their knowledge. They work on fully functional target platforms enabling them to directly apply and reproduce what they just learned.

# **Participants**

Hardware and software developers, test engineers, verification engineers, application engineers, integrators

### Requirements

Basic knowledge of the AURIX™ microcontroller architecture

# Live-Online-Training

18.07. – 18.07.2024 700,00 €1 Days 28.11. – 28.11.2024 700,00 €1 Days

Training code: LE-T32-BAS

## Face-To-Face - English

**Date Duration** 18.07. – 18.07.20241 day 20.02. – 20.02.20251 day

# Live Online - German

**Date Duration** 28.11. – 28.11.20241 day

#### Face-To-Face - German

**Date Duration** 18.07. – 18.07.20241 day 20.02. – 20.02.20251 day

# Multicore-Debug for TriCore/AURIX™ with Lauterbach TRACE32 - Live Online Training Content

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<sup>\*</sup> Price per attendee, in Euro plus VAT



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**AURIX™** Debug Basics

T32 Intro

Practice: Scripting Language Aspects
Startup Scripts - Multicore (SMP, AMP)

"Housekeeping" Features System Command Group

Special AURIX™ Features

Views (Registers, Peripherals, Memory, Variables, Code)

**Call Stack** 

**Breakpoints** 

**Symbol Database** 

**Source Path Adjustments** 

Basic Measurements (RunTime, Benchmark Counters, CLOCK)

**Unit Test** 

**Automation with Python** 

**OS Awareness**