

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

16.07. – 16.07.2026 700,00 € 1 Days

* Price per attendee, in Euro plus VAT

Training code: LE-T32-BAS

Face-To-Face - English

Duration

1 day

Live Online - German

Date	Duration
------	----------

16.07. – 16.07.2026	1 day
---------------------	-------

Face-To-Face - German

Date	Duration
------	----------

29.10. – 29.10.2026	1 day
---------------------	-------

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

Content

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