

**Trainings**

Title	Days	Price in €	Date
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**Microcontrollers**
**Arm®/CORTEX®**

Cortex®-M7, M4, M3, M0+, M0: Arm® Cortex-M Architecture	4	2.800	15.07. - 18.07.2024 24.02. - 27.02.2025
Cortex®-M7, M4, M3, M0+, M0: Arm® Cortex-M Architecture - Live Online Training	4	2.800	13.05. - 16.05.2024 09.12. - 12.12.2024
Cortex®-M23, M33: Armv8-M Architecture with Security Extension	4	2.800	01.07. - 04.07.2024 10.03. - 13.03.2025
Cortex®-M23, M33: Armv8-M Architecture with Security Extension - Live Online Training	4	2.800	21.10. - 24.10.2024
Cortex®-M23, M33: Armv8-M Architecture for Trainees with Knowledge of the Previous Version	2		Onsite Training
Cortex®-M23, M33: Armv8-M Architecture for Trainees with Knowledge of the Previous Version - Live Online Training	2		Onsite Training
Cortex®-R4, R5, R7, R8: Arm® Cortex-R Architecture	4		Onsite Training
Armv8-R Workshop: 32-Bit Cortex® Microcontroller Core for Real-Time Applications in Automobiles, the Industry and Embedded Systems	4	3.000	On request
Armv8-R Workshop: 32-Bit Cortex® Microcontroller Core for Real-Time Applications in Automobiles, the Industry and Embedded Systems - Live Online Training	4	3.000	On request
Cortex®-A5, A7, A8, A9, A15, A17: Arm® Cortex-A Architecture	4		Onsite Training
Arm7/ 9/ 10/ 11™: Architecture and Embedded Programming	4	2.800	On request
TRAVEO™ T2G: Microcontroller Architecture for Automotive Applications	5		Onsite Training
XMC7000: Microcontroller Architecture for Industrial Applications	5		Onsite Training
XMC4000/1000: 32-Bit Industrial Microcontroller Arm® Cortex®-M4/-M0	5		Onsite Training
STM32: Technical Training	3	2.100	On request
Stellar Microcontroller	5		Onsite Training
Renesas Synergy™: Application Programming	3		Onsite Training
Coaching: Arm®/CORTEX®			On request

**TriCore™/AURIX™**

AURIX™ TC2xx: 32-Bit Multicore Microcontroller Family	5	3.500	15.07. - 19.07.2024
AURIX™ TC2xx: 32-Bit Multicore Microcontroller Family - Live Online Training	5	3.500	On request
AURIX™ TC3xx: 32-Bit Multicore Microcontroller Family (Aurix-2G Second Generation)	5	3.500	10.06. - 14.06.2024 24.03. - 28.03.2025
AURIX™ TC3xx: 32-Bit Multicore Microcontroller Family (Aurix-2G Second Generation) - Live Online Training	5	3.500	09.09. - 13.09.2024 20.01. - 24.01.2025
AURIX™ TC4xx: 32-Bit Multicore Microcontroller Family (Aurix-3G Third Generation)	5	3.500	08.07. - 12.07.2024 16.12. - 20.12.2024
AURIX™ TC4xx: 32-Bit Multicore Microcontroller Family (Aurix-3G Third Generation) - Live Online Training	5	3.500	03.06. - 07.06.2024 23.09. - 27.09.2024 03.03. - 07.03.2025

**Trainings**

Title	Days	Price in €	Date
Hardware Security Module (HSM) of the AURIX™ Platform	2	1.500	05.09. - 06.09.2024
Hardware Security Module (HSM) of the AURIX™ Platform - Live Online Training	2	1.500	30.01. - 31.01.2025
Generic Timer Module v1 and v3 (Bosch-GTM): Architecture and Programming	2		Onsite Training
Generic Timer Module v1 and v3 (Bosch-GTM): Architecture and Programming - Live Online Training	2		Onsite Training
TriCore™ AUDO MAX Family: Architecture and Peripherals	5		Onsite Training
TriCore™ AUDO FUTURE Family: Architecture and Peripherals	5		Onsite Training
Multicore-Debug for TriCore/AURIX™ with Lauterbach TRACE32	1	700	18.07. - 18.07.2024 20.02. - 20.02.2025
Multicore-Debug for TriCore/AURIX™ with Lauterbach TRACE32 - Live Online Training	1	700	28.11. - 28.11.2024
Tracing and Analysis Features for TriCore/ MCDS/ AURIX™ with Lauterbach TRACE32	1	700	19.07. - 19.07.2024 21.02. - 21.02.2025
Tracing and Analysis Features for TriCore/ MCDS/ AURIX™ with Lauterbach TRACE32 - Live Online Training	1	700	29.11. - 29.11.2024
Debugging for TriCore/AURIX™ with the PLS Universal Debug Engine UDE	1		Onsite Training
Debugging for TriCore/AURIX™ with the PLS Universal Debug Engine UDE - Live Online Training	1		Onsite Training
Tracing and Multicore Debugging for TriCore/AURIX™ (MCDS) with the PLS Universal Debug Engine UDE	1	700	26.11. - 26.11.2024
Tracing and Multicore Debugging for TriCore/AURIX™ (MCDS) with the PLS Universal Debug Engine UDE - Live Online Training	1	700	16.07. - 16.07.2024 18.02. - 18.02.2025
Coaching: TriCore™/AURIX™			On request

**Power Architecture®**

SPC56XX: 32-Bit Single-Core Power Architecture®	5		Onsite Training
MPC56XX: 32-Bit Power Architecture®	5		Onsite Training
Coaching: Power Architecture®			On request

**Microcontroller Architectures and Peripherals**

Microcontroller/ Microprocessor Basics	4		Onsite Training
XC2000/XE16x/XC16x/ST10: Architecture, Peripherals and Embedded Programming	5		Onsite Training
Embedded Multicore Microcontrollers: Practical Application	3	2.100	24.07. - 26.07.2024 05.03. - 07.03.2025
Embedded Multicore Microcontrollers: Practical Application - Live Online Training	3	2.100	16.10. - 18.10.2024
Coaching: Microcontroller Architectures and Peripherals			On request

**Embedded and Real-Time Programming**

Embedded C: Programming Methods and Tools for Embedded Applications	4	2.400	26.08. - 29.08.2024 31.03. - 03.04.2025
Embedded C: Programming Methods and Tools for Embedded Applications - Live Online Training	4	2.400	17.06. - 20.06.2024 03.02. - 06.02.2025

**Trainings**

Title	Days	Price in €	Date
Embedded C++: Object-Oriented Programming for Microcontrollers with C++/EC++ and UML	4	2.600	03.06. - 06.06.2024 04.11. - 07.11.2024 10.02. - 13.02.2025
Embedded C++: Object-Oriented Programming for Microcontrollers with C++/EC++ and UML - Live Online Training	4	2.600	16.09. - 19.09.2024 16.12. - 19.12.2024 24.03. - 27.03.2025
Embedded C++ Advanced: Object-Oriented Programming for Microcontrollers with C++/EC++	4	2.600	07.10. - 10.10.2024 03.03. - 06.03.2025
Embedded C++ Advanced: Object-Oriented Programming for Microcontrollers with C++/EC++ - Live Online Training	4	2.600	08.07. - 11.07.2024 16.12. - 19.12.2024
Embedded Software Design and Patterns with C	4	2.600	09.09. - 12.09.2024 27.01. - 30.01.2025
Embedded Software Design and Patterns with C - Live Online Training	4	2.600	24.06. - 27.06.2024 11.11. - 14.11.2024 31.03. - 03.04.2025
Renesas Synergy™: Application Programming	3		Onsite Training
Coaching: Embedded and Real-Time Programming			On request

**Multicore Programming**

Embedded Multicore Microcontrollers: Practical Application	3	2.100	24.07. - 26.07.2024 05.03. - 07.03.2025
Embedded Multicore Microcontrollers: Practical Application - Live Online Training	3	2.100	16.10. - 18.10.2024
Tracing and Analysis Features for TriCore/ MCDS/ AURIX™ with Lauterbach TRACE32	1	700	19.07. - 19.07.2024 21.02. - 21.02.2025
Tracing and Analysis Features for TriCore/ MCDS/ AURIX™ with Lauterbach TRACE32 - Live Online Training	1	700	29.11. - 29.11.2024
Tracing and Multicore Debugging for TriCore/AURIX™ (MCDS) with the PLS Universal Debug Engine UDE	1	700	26.11. - 26.11.2024
Tracing and Multicore Debugging for TriCore/AURIX™ (MCDS) with the PLS Universal Debug Engine UDE - Live Online Training	1	700	16.07. - 16.07.2024 18.02. - 18.02.2025
Coaching: Multicore Microcontroller Selection			On request

**Embedded and Real-Time Operating Systems, RTOS**

RTOS Basics and Application: RTOS Mechanisms and their Application in Runtime Architectures for Embedded and Real-Time Systems	4	2.600	17.06. - 20.06.2024 26.11. - 29.11.2024
RTOS Basics and Application: RTOS Mechanisms and their Application in Runtime Architectures for Embedded and Real-Time Systems - Live Online Training	4	2.600	17.09. - 20.09.2024 25.02. - 28.02.2025
RTOS Application: Development of Runtime Architectures for Embedded and Real-Time Systems	1	650	20.06. - 20.06.2024 29.11. - 29.11.2024
RTOS Application: Development of Runtime Architectures for Embedded and Real-Time Systems - Live Online Training	1	650	20.09. - 20.09.2024 28.02. - 28.02.2025
PXROS-HR Certified RTOS	2	1.400	13.06. - 14.06.2024 07.11. - 08.11.2024
Renesas Synergy™: Application Programming	3		Onsite Training
Embedded Real-Time Linux from Bootloader to Real-Time System (Linux RTOS)	5	3.300	On request

**Trainings**

Title	Days	Price in €	Date
<a href="#">Embedded Linux Architecture: Kernel Driver Development</a>	4	2.600	On request
<a href="#">Embedded Linux Architecture: Kernel Driver Development - Live Online Training</a>	4	2.600	On request
<a href="#">Embedded Linux Software Development</a>	4	2.925	On request
<a href="#">Embedded Linux Software Development - Live Online Training</a>	4	2.925	On request
<a href="#">Embedded Linux for Test and Support</a>	4	2.600	On request
<a href="#">Embedded Linux for Test and Support - Live Online Training</a>	4	2.600	On request
<a href="#">Coaching: Embedded and Real-Time Operating Systems, RTOS</a>			On request

**Embedded Linux**

<a href="#">Embedded Real-Time Linux from Bootloader to Real-Time System (Linux RTOS)</a>	5	3.300	On request
<a href="#">Embedded Linux Architecture: Kernel Driver Development</a>	4	2.600	On request
<a href="#">Embedded Linux Architecture: Kernel Driver Development - Live Online Training</a>	4	2.600	On request
<a href="#">Embedded Linux Software Development</a>	4	2.925	On request
<a href="#">Embedded Linux Software Development - Live Online Training</a>	4	2.925	On request
<a href="#">Embedded Linux for Test and Support</a>	4	2.600	On request
<a href="#">Embedded Linux for Test and Support - Live Online Training</a>	4	2.600	On request
<a href="#">Coaching: (Embedded) Linux Programming</a>			On request

**Tools and Debug**

<a href="#">Multicore-Debug for TriCore/AURIX™ with Lauterbach TRACE32</a>	1	700	18.07. - 18.07.2024 20.02. - 20.02.2025
<a href="#">Multicore-Debug for TriCore/AURIX™ with Lauterbach TRACE32 - Live Online Training</a>	1	700	28.11. - 28.11.2024
<a href="#">Tracing and Analysis Features for TriCore/ MCDS/ AURIX™ with Lauterbach TRACE32</a>	1	700	19.07. - 19.07.2024 21.02. - 21.02.2025
<a href="#">Tracing and Analysis Features for TriCore/ MCDS/ AURIX™ with Lauterbach TRACE32 - Live Online Training</a>	1	700	29.11. - 29.11.2024
<a href="#">Debugging for TriCore/AURIX™ with the PLS Universal Debug Engine UDE</a>	1		Onsite Training
<a href="#">Debugging for TriCore/AURIX™ with the PLS Universal Debug Engine UDE - Live Online Training</a>	1		Onsite Training
<a href="#">Tracing and Multicore Debugging for TriCore/AURIX™ (MCDS) with the PLS Universal Debug Engine UDE</a>	1	700	26.11. - 26.11.2024
<a href="#">Tracing and Multicore Debugging for TriCore/AURIX™ (MCDS) with the PLS Universal Debug Engine UDE - Live Online Training</a>	1	700	16.07. - 16.07.2024 18.02. - 18.02.2025
<a href="#">Coaching: Tools and Debug</a>			On request

★ = Guaranteed to run