PRODUCT BRIEF

DRIVECORE™ TC4 ET1

Software Bundle for AURIX™ TC4 | AUTOSAR, Hardware Routing Accelerators [Infineon, Elektrobit, TASKING]

DRIVECORE™ TC4 ET1 software bundle accelerates and simplifies the development of ECU software projects (AUTOSAR-based) and targets development of domain and zonal ECUs. With focus on performance and optimization, it combines high-performance hardware with pre-integrated software to deliver a fast, efficient, and scalable development experience.
This bundle integrates Infineon's MCAL drivers, EB zoneo drivers for hardware acceleration, and EB tresos AutoCore, a mature Classic AUTOSAR Basic Software (BSW) stack. A key highlight of this bundle is the AUTOSAR gateway demo, which showcases optimized zonal ECU communication by leveraging hardware acceleration and software integration. It features ready-to-use hardware routing examples across CAN, Ethernet (IEEE1722), and MEM. In addition, Software PduR routing example is provided to facilitate demo evaluation and comparison.

Combination of Infineon's AURIX™ microcontroller, Elektrobit's software and TASKING's certified Compiler Tool Chain provides a powerful solution which includes all components necessary for fast development and efficient ECU performance.



Key features

- **Full support** of Infineon's HW accelerators
- **Pre-integrated** EB tresos with 20+ years of Classic AUTOSAR expertise
- **Multifunctional** and simple tooling using EB tresos Studio and TASKING SmartCode C/C++ Compiler Tool Chain for TriCore and PPU

Supported Devices:
AURIX™ TC4Dx

Key benefits

- **Fast project start:** Pre-integrated stack and fully integrated TASKING SmartCode C/C++ Compiler Tool Chain speeds up application development
- **Optimized execution:** improved latency and CPU load due to SW optimization and HW offloading
- **Simple configuration:** easy setup using EB tresos tooling for TC4x hardware accelerators

License scheme:
3 months free evaluation

Table: Key components

Partner	Software	Component	Version
Elektrobit	Runtime Software	EB tresos 9 AutoCore OS	6.1.275
	Runtime Software	EB tresos 9 Autocore Base Package	9.3.2
	Runtime Software	EB tresos AutoCore Generic Ethernet Package	9.3.2
	Driver	EB zoneo ACM8 Eth	1.0.0
	Driver	EB zoneo GatewayCore	1.0.0
	Tooling	EB tresos Studio for ACG 9	32.1.1
TASKING	Driver	TASKING SmartCode C/C++ Compiler Tool Chain for TriCore and PPU	v10.2r1p1
Infineon	Driver	TC4x MC-ISAR (MCAL)	2.00.0

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