PRODUCT BRIEF

DRIVECORE™ TC4 QOT

Software Bundle for AURIX™ TC4 | AUTOSAR [Infineon, Qorix, TASKING]

DRIVECORE™ TC4 QOT is an integrated software bundle designed to accelerate and simplify the development of safety-critical automotive ECU software projects. Built on standard AUTOSAR architecture, it combines production-proven middleware with seamless toolchain integration to reduce qualification effort and bring applications to market faster.

The bundle pairs Infineon's MCAL driver with Qorix Classic—a mature, ASIL D-certified middleware platform featuring a highly flexible, plugin-based RTE and smooth toolchain integration via the Qorix Developer platform. This pre-integrated stack allows developers to begin application development immediately. To demonstrate full system capability, the bundle includes an AUTOSAR ADAS demo application simulating an Adaptive Cruise Control (ACC) system. Instant, certified tooling is provided by TASKING's latest TC4x Tool Chain SmartCode and winIDEA.

In combination with Infineon's AURIX™ TC4x microcontrollers, the bundle offers a seamless, automotive-grade development platform engineered for modern domain and safety-critical architectures.



Key features

- **Infineon's MCAL Driver:** Standardized interface to the AURIX™ microcontroller
- **Qorix Classic:** Production-proven, ASIL D-certified AUTOSAR Classic stack with a flexible plugin-based RTE
- **TASKING's TC4x Tool Chain SmartCode:** Comprehensive development environment with demo application

Supported Devices:
TC4D9XP COM TriBoard

Key benefits

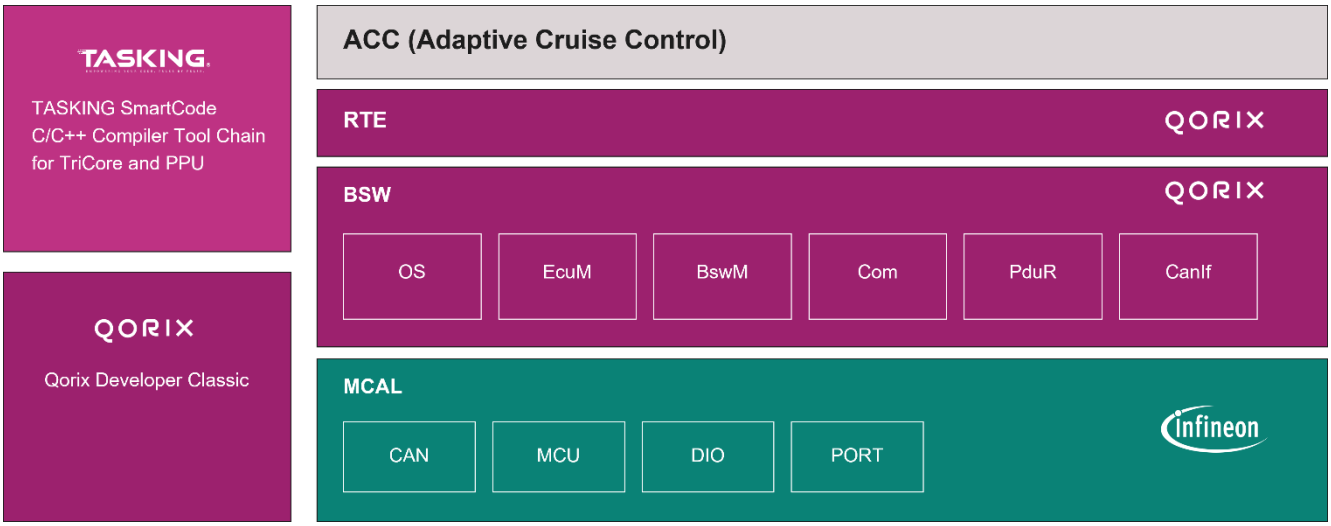
- **De-Risked Adoption:** Accelerates qualification with production-proven, ASIL-D-certified middleware
- **Scalable Architecture:** Flexibly adapts to OEM requirements via a modular, plugin-based RTE.
- **Faster Time-to-Market:** Enables immediate development with pre-integrated software and certified tools.

License scheme:
3 months free evaluation

Table Key components

Partner	Software	Component	Version
QORIX	Runtime Software	Qorix Classic	R24-11
	Tooling	Qorix Developer Classic	24.0.9
TASKING	Driver	TASKING SmartCode C/C++ Compiler Tool Chain for TriCore and PPU	v10.4r1
Infineon	Driver	TC4x MC-ISAR (MCAL)	2.20.2

Software Architecture:



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