



AURIX™ DRIVECORE AUTOSAR

[Infineon, Neusoft Reach, HighTec] V1.0

DRIVECORE is a scalable software bundle portfolio for AURIX™, TRAVEO™ and PSOC™ that facilitates rapid start into Automotive software development.

The AURIX™ DRIVECORE AUTOSAR bundle accelerates and simplifies automotive AUTOSAR applications for the Chinese market by integrating a certified AUTOSAR stack, certified compiler and configuration tooling.

The Software bundle ensures an easy start for developing AUTOSAR-based applications. Neusoft Reach’s NeuSAR basic software platform, Infineon’s MCALs for AURIX™ TC4x provide a pre-integrated and certified AUTOSAR software stack, enhanced by optimized open-source LLVM compiler tooling from HighTec. Additionally, developers can easily start based on sample MCAL projects, project examples and import guides.

The software bundle includes comprehensive documentation enabling developers to quickly start projects to build the E/E architecture for next generation automobiles, both in English and Chinese. NeuSAR is designed for multicore, high performance and high bandwidth communication ECUs.

Key features

- **Complete AUTOSAR Solution:** NeuSAR BSW and Infineon MCALs
- **Optimized Compiler Tools:** HighTec open-source LLVM compiler tool
- **Comprehensive Documentation:** Demo examples and documentation

Supported Devices

KIT_TC4D9XP_COM_TRB

Key benefits

- **Faster Development**
Start developing AUTOSAR-based apps right away
- **Quick evaluation of**
AUTOSAR toolchains
- **Easy validation of**
system architectures & functions

License scheme:

3 months free evaluation

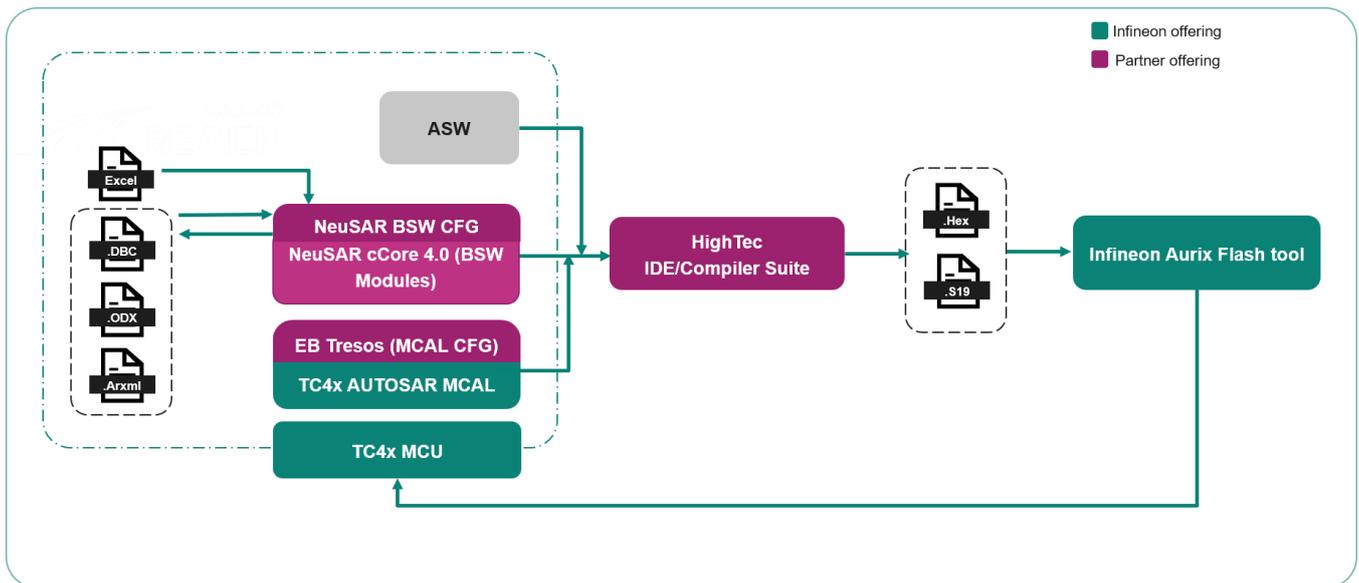


PRODUCT BRIEF

Table Key Components

	Driver	AUTOSAR MCAL Drivers (MC-ISAR AURIX for TC4x)	2.00.0
	Runtime Software	NeuSAR Ccore (NeuSAR BSW)	V4.0
	Runtime Software	NeuSAR Ccore (NeuSAR Configurator)	V4.2.0
	Tooling	C/C++ Compiler IDE	V8.1.2 Rel_4.1.0

Workflow



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