



TRAVEO™ DRIVECORE Visualization

[Infineon, Qt, IAR] V1.0

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

TRAVEO™ DRIVECORE Visualization features a cost-efficient solution for cockpit applications for two- and four-wheeler in resource-constrained environments. The software bundle includes the Qt Graphics Library, providing advanced graphics capabilities and enhanced user experience plus Infineon’s TRAVEO™ T2G graphics. Qt Quick Ultralite is designed to serve as a rendering engine for the application’s graphical user interface (UI). It provides a rich QML API set for building fluid GUIs, and an efficient graphics engine to render Qt Quick-based graphical user interfaces (GUI). This software bundle opens the door towards Qt’s large community including a wealth of resources to create fluid, high-performance UIs on TRAVEO™ T2G. It reduces time-to-market significantly, eliminating up-front Software investments.



Key features

- High-performance UIs: Qt Quick Ultralite as rendering engine for UI
- Highest frame rate, lowest footprint
- Easy development with IAR EWARM
- TRAVEO™ T2G is the only MCU-based solution for 60 fps at resolutions up to full HD

Supported devices:

TRAVEO™ T2G CYT3DL
TRAVEO™ T2G CYT4DN

Key benefits

- MPU-level performance with significant cost savings
- Cost-Efficient Solution: Eliminating up-front investment in software
- Easy integration with AUTOSAR stacks and tools
- Enhanced User Experience: Advanced graphics capabilities for a more intuitive and engaging user interface

License scheme:

3 months free evaluation

PRODUCT BRIEF

Table Key components

Partner	Category	Component	Version
	Driver	Graphics Driver	2.4
	Driver	Sample Driver Library	2.4
	Tooling	Auto Flash utility tool	1.4.0
	Runtime Software	Qt Graphics Library	Traveo T2G exclusive package
	Tooling	Qt 2-wheeler GUI	
	Tooling	Qt platform tools	
	Tooling	Compiler (EWARMFS)	8.22.3



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