



TRAVEO™ T2G Drive Core Graphics

A Cost-Efficient Solution for Developing Cockpit Applications for two- and four-wheeler.

Version	1.0.0
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Drive Core

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

TRAVEO™ T2G Drive Core Graphics

The TRAVEO™ T2G Drive Core Graphics 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 and JPEG drivers. 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).

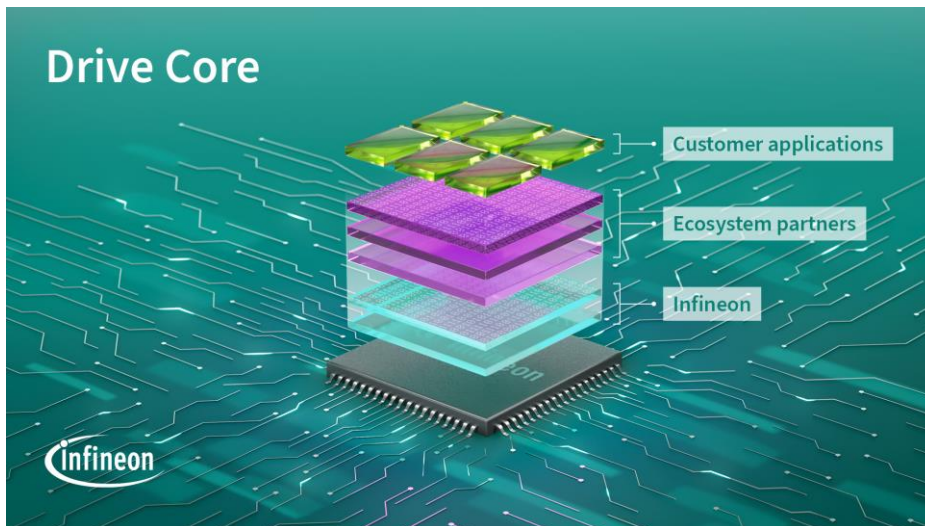
This software bundle opens the door towards Qt’s large community including a wealth of resources to create fluid, high-performance UIs on TRAVEO™ T2G and increase time-to-market significantly, commercial hardware bundle options available already today – eliminating up-front Software investments.

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

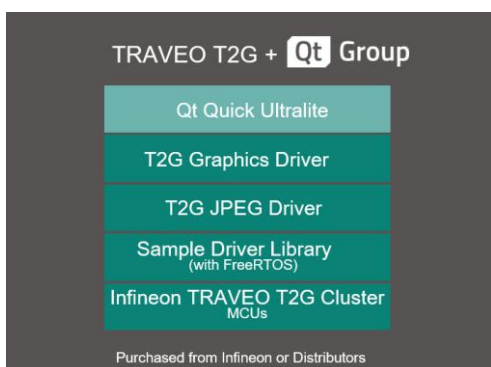
Key benefits

- 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



PRODUCT BRIEF

Block Diagram and visualization



Key components
<ul style="list-style-type: none">– Compiler: IAR EWARMFS 8.22– Debugger: IAR– Tooling: Qt platform package link– Qt 2-wheeler GUI, Infineon Autoflash utility– HAL/Drivers: Infineon SDL, Infineon Gfx 2.40
Supported devices
TRAVEO™ T2G CYT3DL TRAVEO™ T2G CYT4DN
License scheme
3 months evaluation Royalty model with Hardware



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