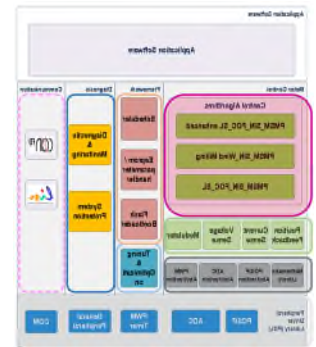# MOTIX™ Embedded Software -

Professional Motor Control Software for MOTIX ™ MCU.

MOTIX™ Embedded Software library enables users to control and define functional performance of various **Infineon's MOTIX™ low-voltage motor control solutions** through its modularized software architecture and platform. Furthermore, users can also carry out **configuration and parameter optimization** with ease through an interface to PC-tools.

MOTIX™ Embedded Software library is offered as both, **a demo, and a licensed version**. The demo variant is free of charge and valid for 6 months. Limited documentation and self-service support can be downloaded from the Infineon Developer Center.

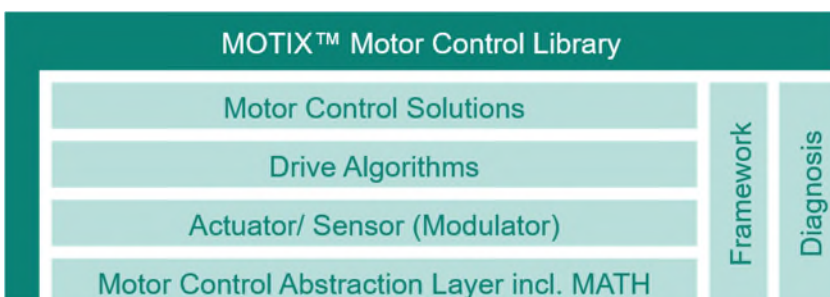|			
Accelerate software development	For productive purpose	Modular library approach	Suitable for different MOTIX™ MCU

Description

MOTIX™ Embedded Software Library for BLDC Motor Control designed for automotive auxiliary motor drives, such as pumps and fans, thermal management as well as 48V motor drives. It allows users to easily optimize parameters and carry out configurations. Through automated testing and test coverage reporting, production ready quality is ensured. Furthermore, due to modularized software architecture and platform approach, software solutions are scalable.

Your benefits

- **Modularized software** architecture and platform approach

- Reduce time to market while **saving resources and effort**

- Fully customized **application software solution** feasible

- **Seamless software service as premium offering**

MOTIX™ Motor Control Library (Source: Infineon Technologies AG)

Content

- Source Code
- User Manual
- API
- Test reports
- Release Note
- MOTIX™ Configuration Tools

Key libraries

- Low Level Driver (LLD)
- Hardware Abstraction Layer
- Framework
- Actor Sensor Lib
- Control Algorithms – FOC sensorless
- Wind-Milling
- Trace and Tune

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