



3-Phase Permanent Magnet Synchronous Motor Control Development Kit with S32K396

MCSPTR2AK396

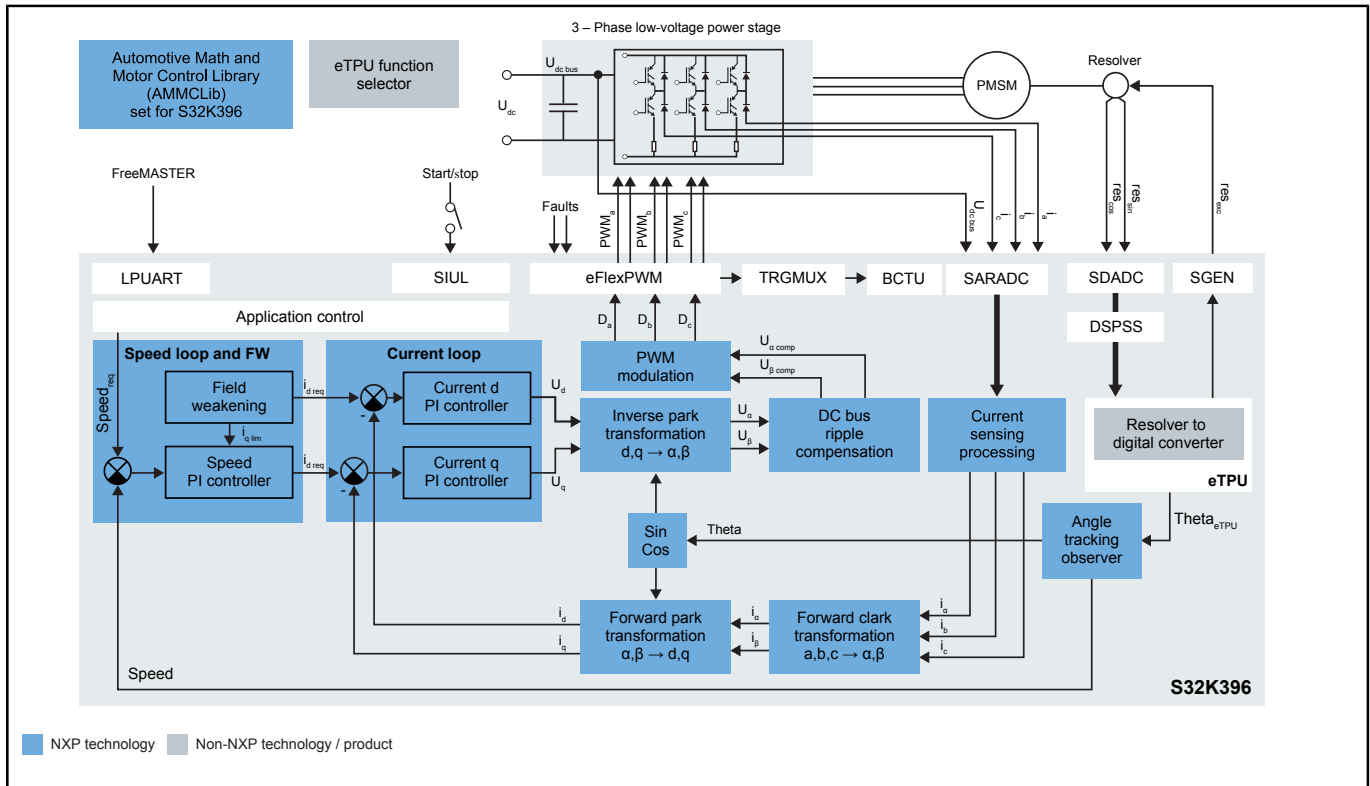
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The S32K396 LV Motor Control Kit (MCSPTR2AK396) is a highly advanced, integrated solution for motor control applications. By combining powerful processing, real-time feedback, high-frequency control, and safety features into a single offering, this kit is excellent for tackling emerging market demands. It simplifies development, enhances performance, and ensures a robust and future-proof motor control solution.

Based on the 32-bit Arm® Cortex®-M7 S32K39xx microcontroller and an analog die with voltage regulator, motor control coprocessor, eFlexPWM, LIN/CAN, and Ethernet physical layer, the motor control kit enables rapid prototyping and evaluation of BLDC and PMSM control applications without having to wait for the final hardware design.

The MCSPTR2AK396 application software leverages the [Automotive Math and Motor Control Library \(AMMCLib\)](#) set and [Real-Time Drivers \(RTD\)](#) software package to provide a complete reference implementation.

MCSPT2AK396 Features Block Diagram



View additional information for [3-Phase Permanent Magnet Synchronous Motor Control Development Kit with S32K396](#).

Note: The information on this document is subject to change without notice.

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