



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

MCSPTR2AK396

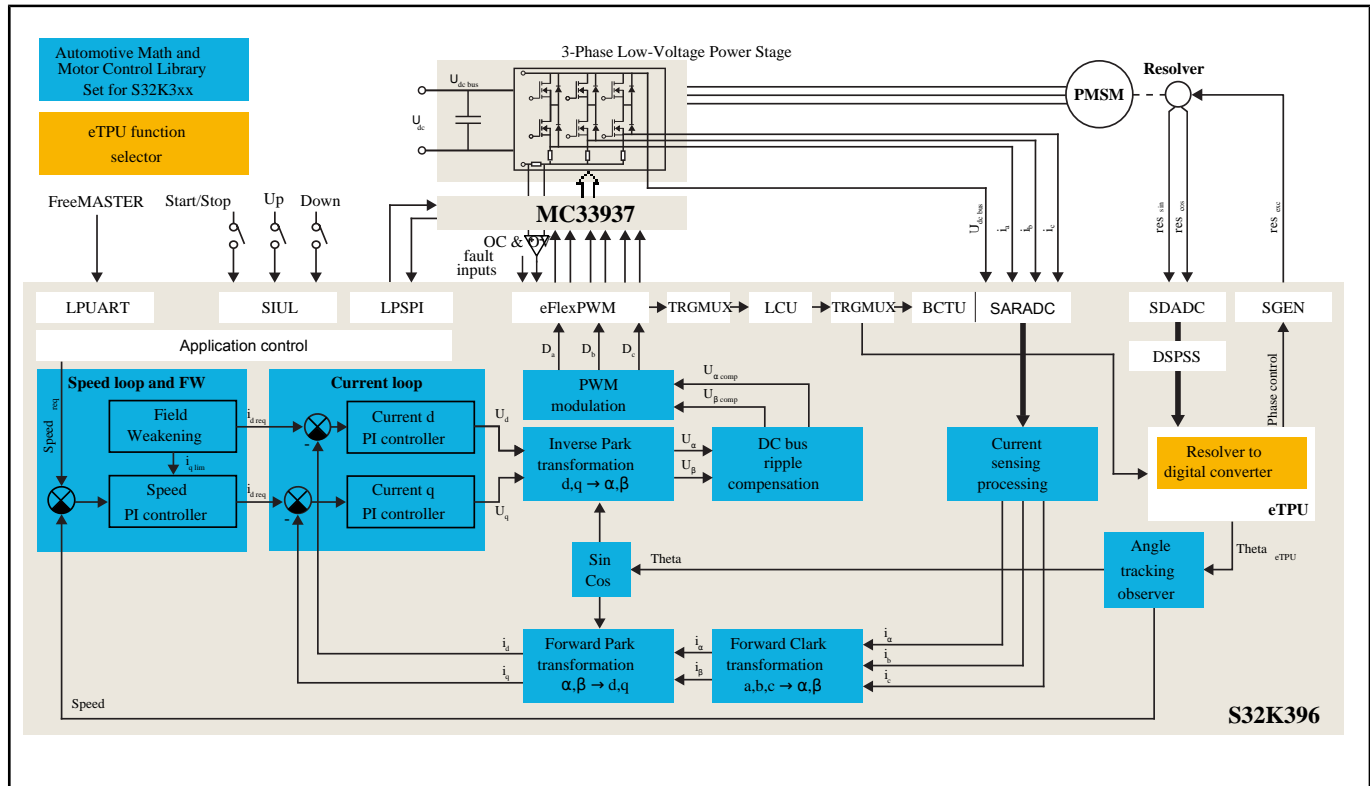
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The S32K396 LV Motor Control Kit (MCSPTR2AK396) is a highly advanced, modular kit for PMSM motor control applications. By combining powerful processing, real-time feedback, high-frequency control and safety features into a single offering, this kit 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 with eTPU motor control coprocessor and MC33937 FET Pre-Driver, 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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