



# MPC5643L 3-phase PMSM Development Kit

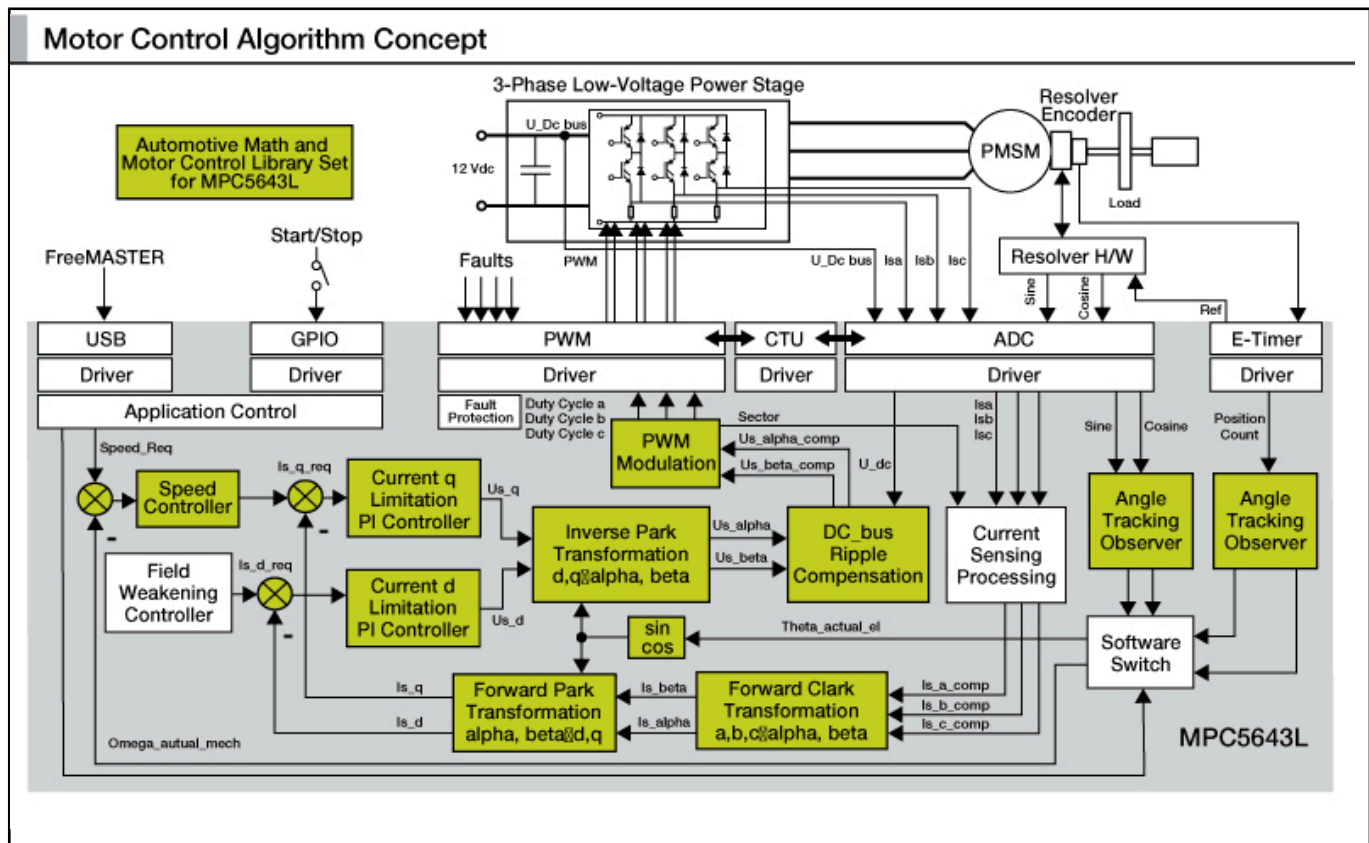
## MTRCKTSPS5643L

Last Updated: Dec 23, 2025

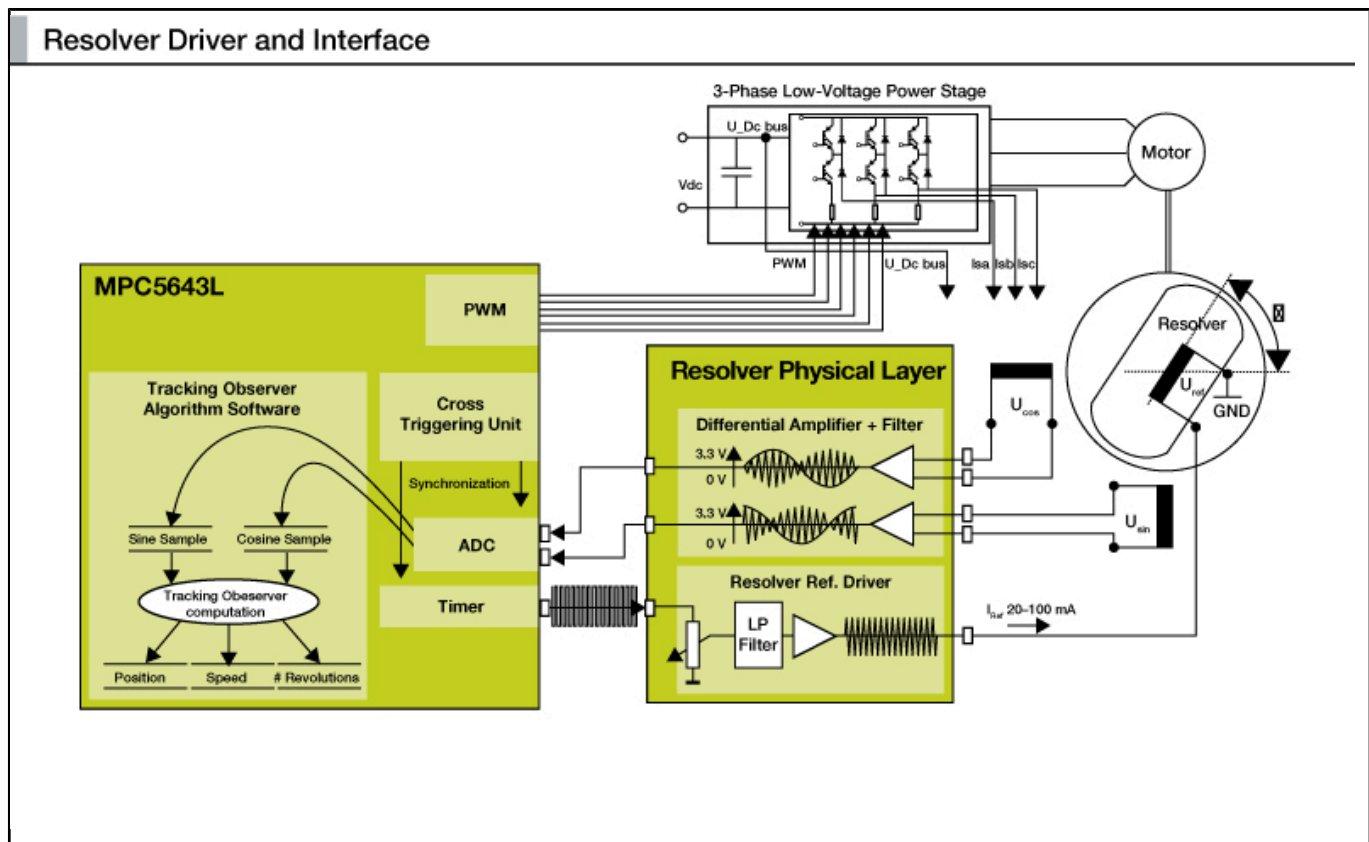
The NXP® MTRCKTSPS5643L motor control development kit is ideal for applications requiring one PMSM motor, such as active suspension or electric powertrain.

- Designed to enable rapid prototyping and evaluation of the motor control application without having to wait for the final hardware design.
- Includes a 32-bit NXP MPC5643L based controller board and the 3-phase low-voltage power stage board.
- Application software that provides a complete reference implementation of the PMSM motor control application and takes advantage of the Automotive Math and Motor Control Library Set.

## MTRCKTSPS5643L NXP MPC5643L Single 3-phase PMSM Kit Block Diagram



## MTRCKTSPS5643L NXP MPC5643L Single 3-Phase PMSM Kit Block Diagram



View additional information for [MPC5643L 3-phase PMSM Development Kit](#).

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

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