



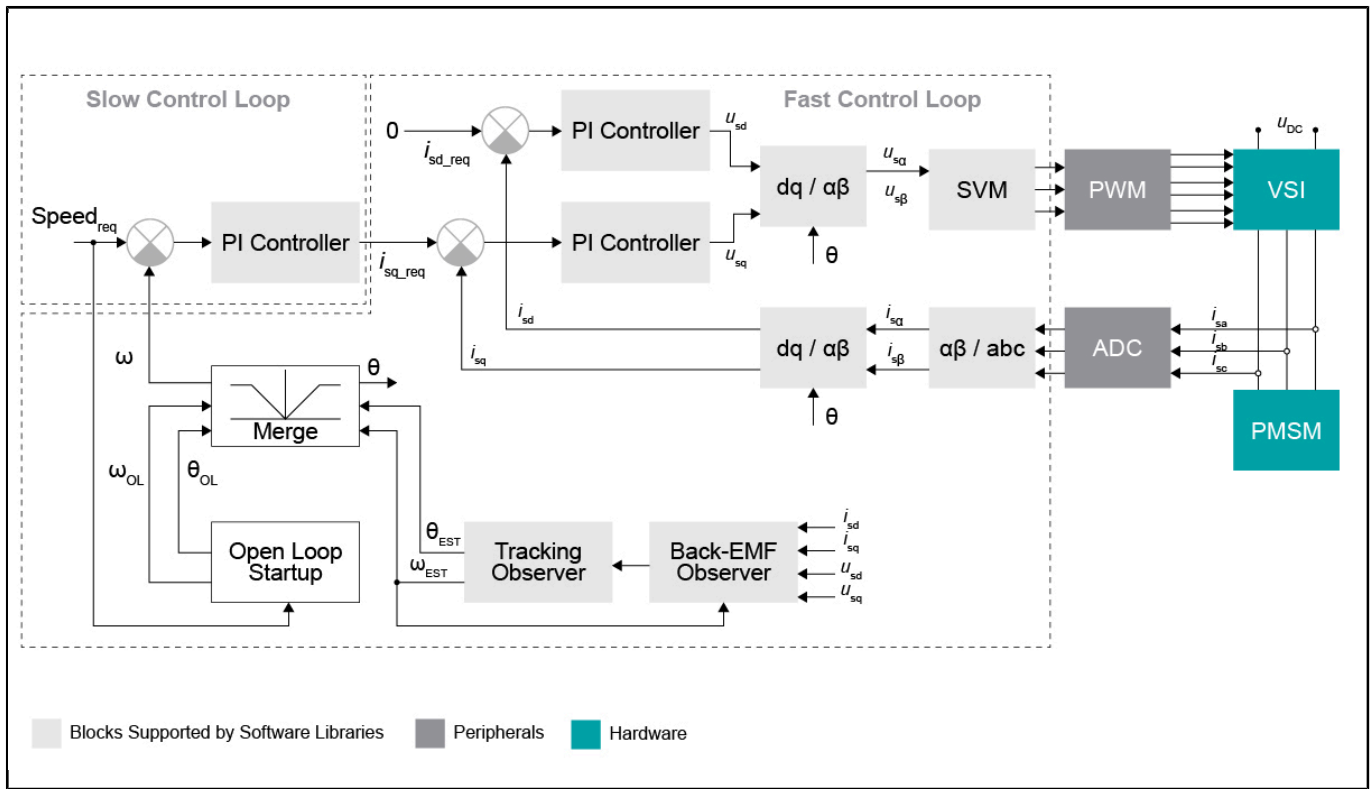
# 3-Phase PMSM Control

## PERMANENT-MAGNET-MOTOR

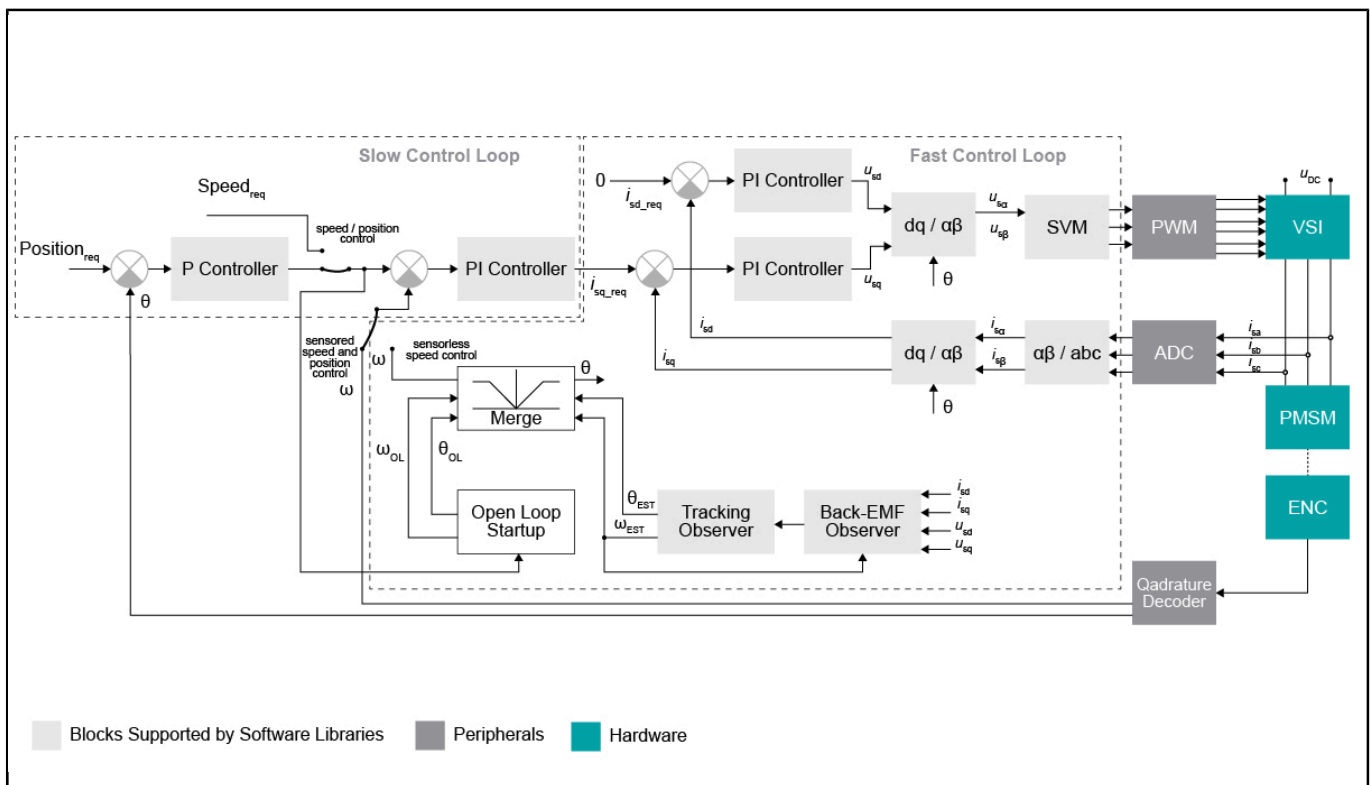
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The 3-phase PMSM control reference design is based on i.MX RT Series Crossover MCUs and V series MCUs. It is intended to provide the example for 3-phase sensor position and sensorless speed PMSM control solutions. The reference design uses a closed-loop field-oriented vector control (FOC) mechanism.

### 3-Phase PMSM on Kinetis Block Diagram



### 3-Phase PMSM on i.MX RT10xx Block Diagram



View additional information for [3-Phase PMSM Control](#).

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

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