# KV Series 3-Phase AC Induction Motor Control

## THREE-PHASE-AC-INDUCTION

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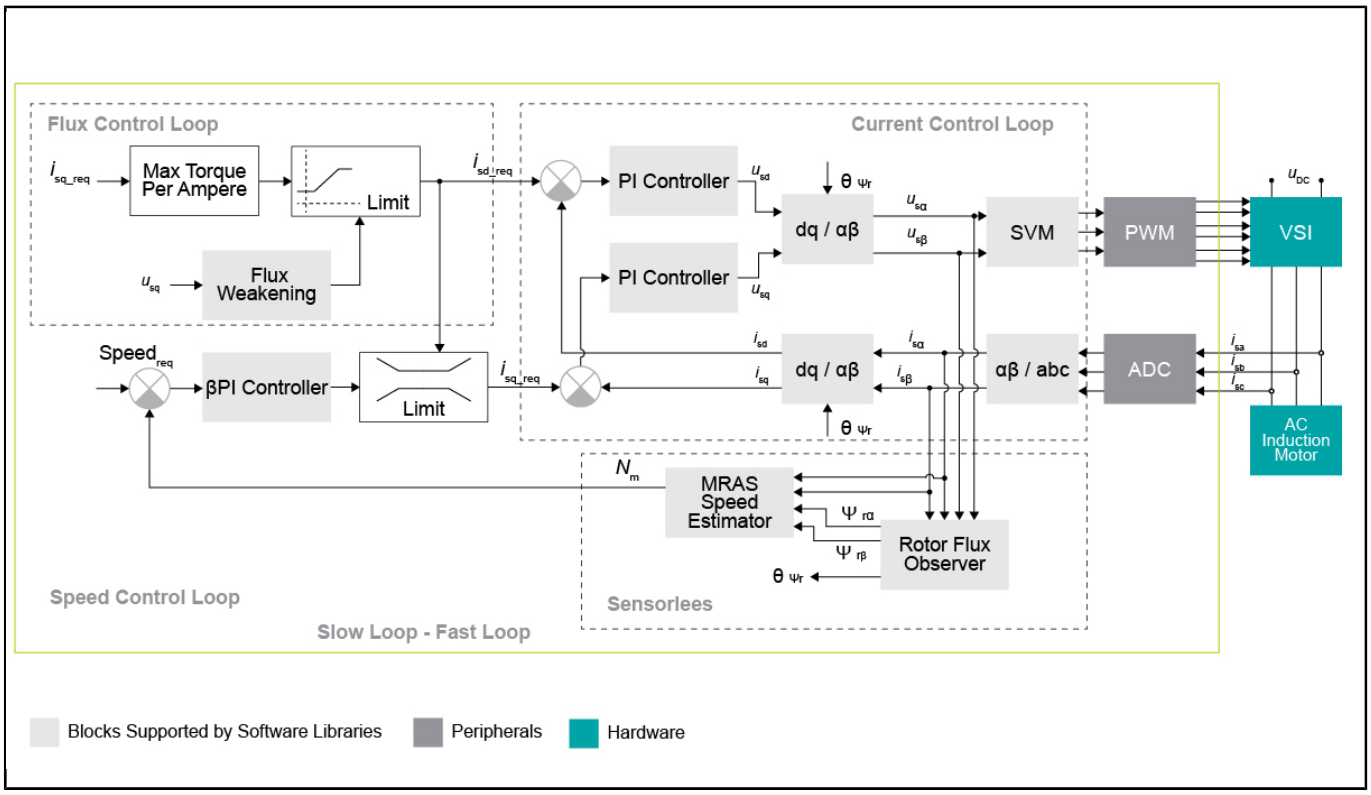
The 3-phase AC induction motor (ACIM) control reference design is based on V series MCUs and provides an example for 3-phase sensorless ACIM control solutions. The reference solution features field oriented vector control (FOC) of rotor speed without any need doe a speed or position sensor, improving reliability and lowering final design cost.

## AC Induction Motor Block Diagram

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