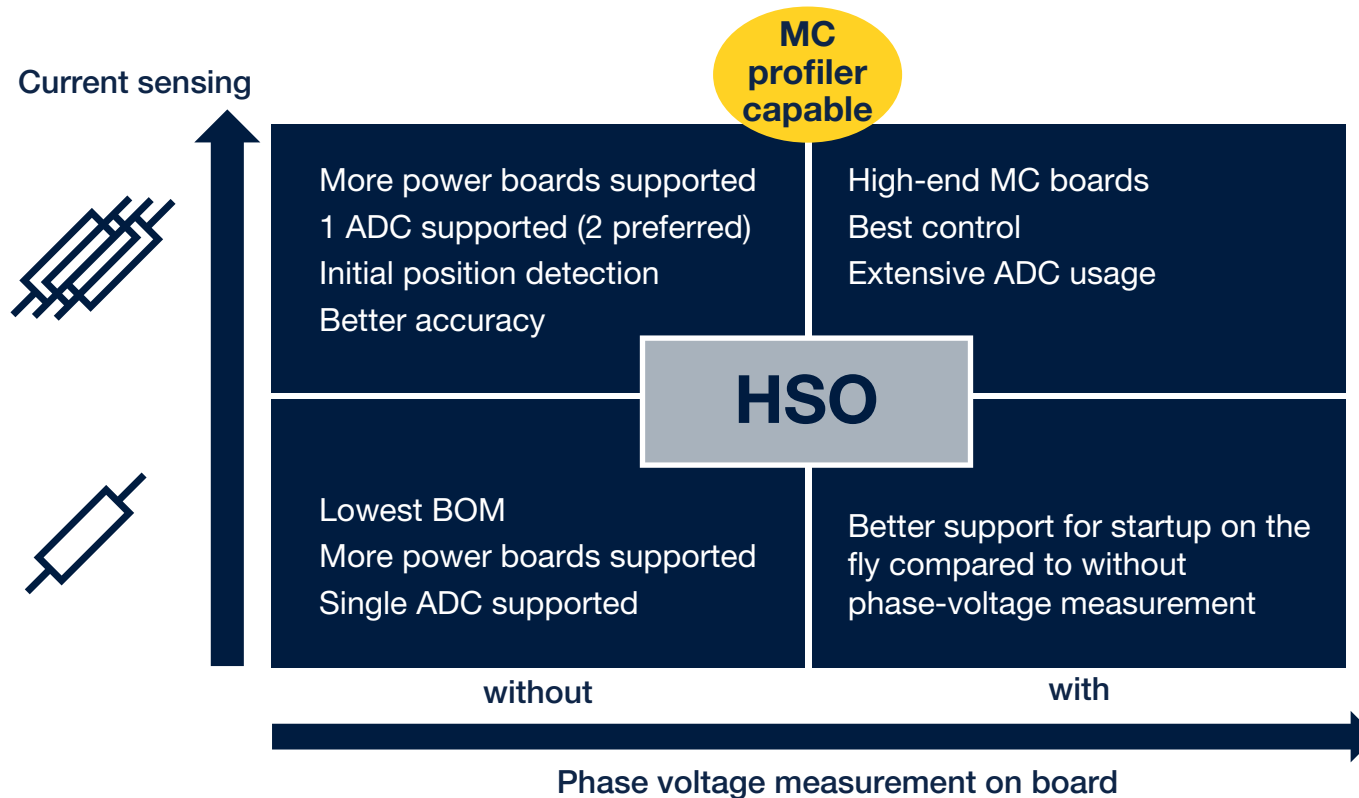


STM32 Motor Control

Sensor-less FOC based on high sensitivity observer (HSO)



X-CUBE-MCSDK

- **HSO full support for this configuration will be available in Q4'26**

The solution will support STM32 devices with Arm® Cortex®-M33 and will be compatible with the new STM32CubeMX.

Boards used

- **Nucleo-C562RE**
Arm® Cortex®-M33 with FPU, MPU, and DSP, frequency up to 144 MHz
- **EVLSPIN9P1-3PH**
Supply voltage from 7 V to 75
Current ratings 10 A RMS and 6 A RMS

