Full Integration/configuration in MC Workbench tools:

		STM32 series																	
		F0		**F1**		**F3**		**F4**		**F7**		**L4**		**G0**		**G4**		**ST Spin32 F0**	
SDK version		5.4.6	5.Y	5.4.6	5.Y	5.4.6	5.Y	5.4.6	5.Y	5.4.6	5.Y	5.4.6	5.Y	5.4.6	5.Y	5.4.6	5.Y	5.4.6	5.Y
Key features																			
Current Sensing and over current protection OCP	Current 1-shunt or 3-shunt	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Insulated Current Sensing			✓		✓	✓	✓	✓	✓	✓					✓	✓		
	Embedded Comparators OCP, OPAMPs					✓	✓									✓	✓		
Speed/Position sensing	Sensor (Hall, Encoder sensors) / Sensor-less	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bus voltage sensing/ protection UVP/OVP	Vbus reading, Over and Under voltage protection	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Temperature sensing/ protection OTP	Temperature measurement, Over temperature protection	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FOC	Single	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Dual (Couple ADCs per motor)					✓		✓								✓			
	Dual (Sharing ADCs) resources for both motors					✓		✓											
Control Mode	Torque/Speed/Position control	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Other Features	MTPA, Flux weaken, Feed Forward	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	PCF - FW support			✓															
	Discontinuous PWM		✓				✓		✓		✓		✓		✓		✓		✓
	Over Modulation and Single shunt phase shift		✓				✓		✓		✓		✓		✓		✓		✓