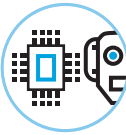


Power Application Controller® Ecosystem (PAC)

Full System and Development Support

Qorvo's PAC, a family of single-IC solutions for motor control and power control applications, offers configurable, integrated and scalable solutions from 5.5 V to 600 V BLDC motor control applications. Just as important, Qorvo delivers best-in-class, full system and development support called the PAC ecosystem. From evaluation boards to free of charge (FOC) IP to applications support for sensor/sensorless BEMF and FOC to advanced algorithms, customers have tools and IP options at the ready.



Hardware Support

- Motor Control EVK
- Application Expertise Design



Motor Control Applications

- Sensored/Sensorless BLDC
- Sensored/Sensorless FOC
- Peripheral Examples



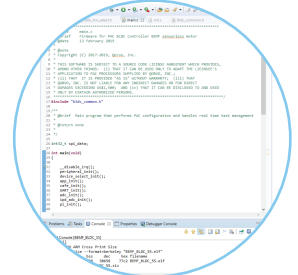
Miscellaneous Tools

- UART Boot Loader
- UL/IEC 60730 Class B Safety
- LIN Master/Slave Driver
- CAN Controller/Driver
- Gang Programmers



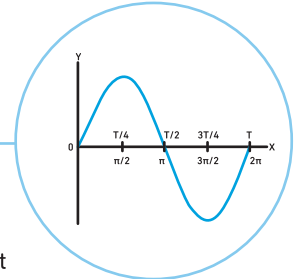
Advanced Algorithms

- FOC Motor Auto-tuning
- Motor Failure Detection



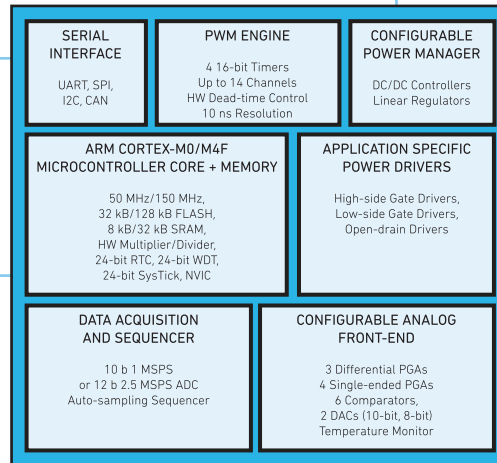
IDE/Programmer

- IAR/Keil/Eclipse
- J-Link/I-Jet



FOC IP Features

- FOC Control
- Control Modes
- MTPA
- Single/Triple Shunt
- Sensorless Estimator
- FOC Configuration GUI
- Initial Position Detection (IPD)
- Start-in-motion (SIM)
- Field Weakening
- Stall Detection
- Open Phase Detection (OPD)
- Etc.



View Qorvo's full line of Power Management Products here:
qorvo.com/products/power-management