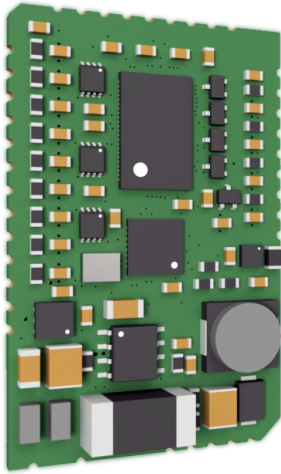


OLY-FMC1



Features

- Servo controller with field oriented control (FOC)
- Torque, Velocity and Position Control Modes
- Current, hall and encoder feedback interfaces.
- Supports 3-Phase PMSM/BLDC Motors
- Serial interface for configuration and control
- Integrated regulators. Operation from 22 to 55V
- Suitable for Gallium Nitride (GaN) Power Stages
- AEC-Q1 Class 3 Qualified (-40° to +105°C)
- ROHS Compliant
- Surface Mount Technology
- Reduces baseboard complexity embedding all fine pitch control components and signal filtering.

Applications

- Robotics
- CNC Machines
- Factory Automation
- Pumps
- Laboratory Automation
- Automotive

Simplified Block Diagram

