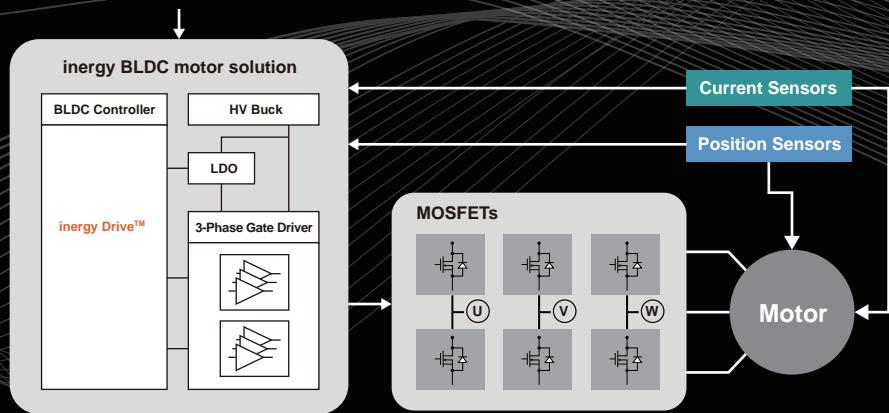


inergy Server Fan . Liquid Pump iU6398 >> FOC Drive Solution

inergy has introduced the iU6398 three-phase motor control solution. It highly integrates a motor controller, three-phase gate drivers, an HV Buck controller, and an LDO into a compact QFN 4x4 package. Designed for brushless DC motor applications — such as fans and pumps — the iU6398 delivers a streamlined and efficient drive solution.

12V ~ 80V Input



High Integration

- ✓ Built-in HV Buck Converter and LDO
- ✓ Built-in Three-phase Gate Driver
- ✓ Offer Comprehensive Protection Features



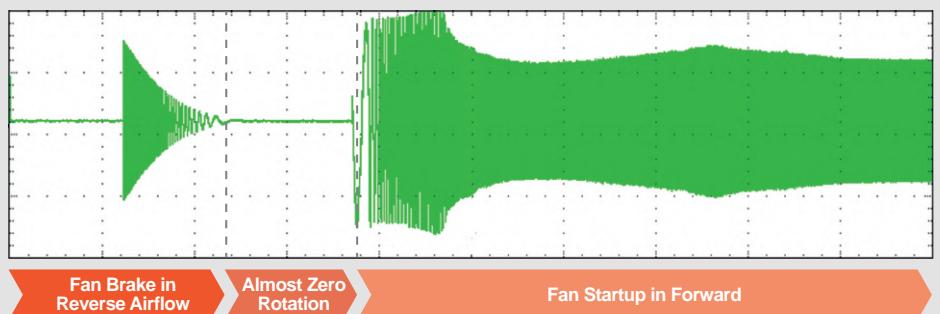
Code-free

- ✓ Code-free Development Platform
- ✓ Accelerated Time-to-Market



Startup Performance

- ✓ Fast Startup
- ✓ Constant-current Startup
- ✓ Startup in Forward Airflow and High-speed Startup in Reverse Airflow



Advanced FOC

- ✓ High-Efficiency Operation
- ✓ Wide Speed Control Range
- ✓ Automatic Load Adaptation
- ✓ Precise Control and Stable Operation

