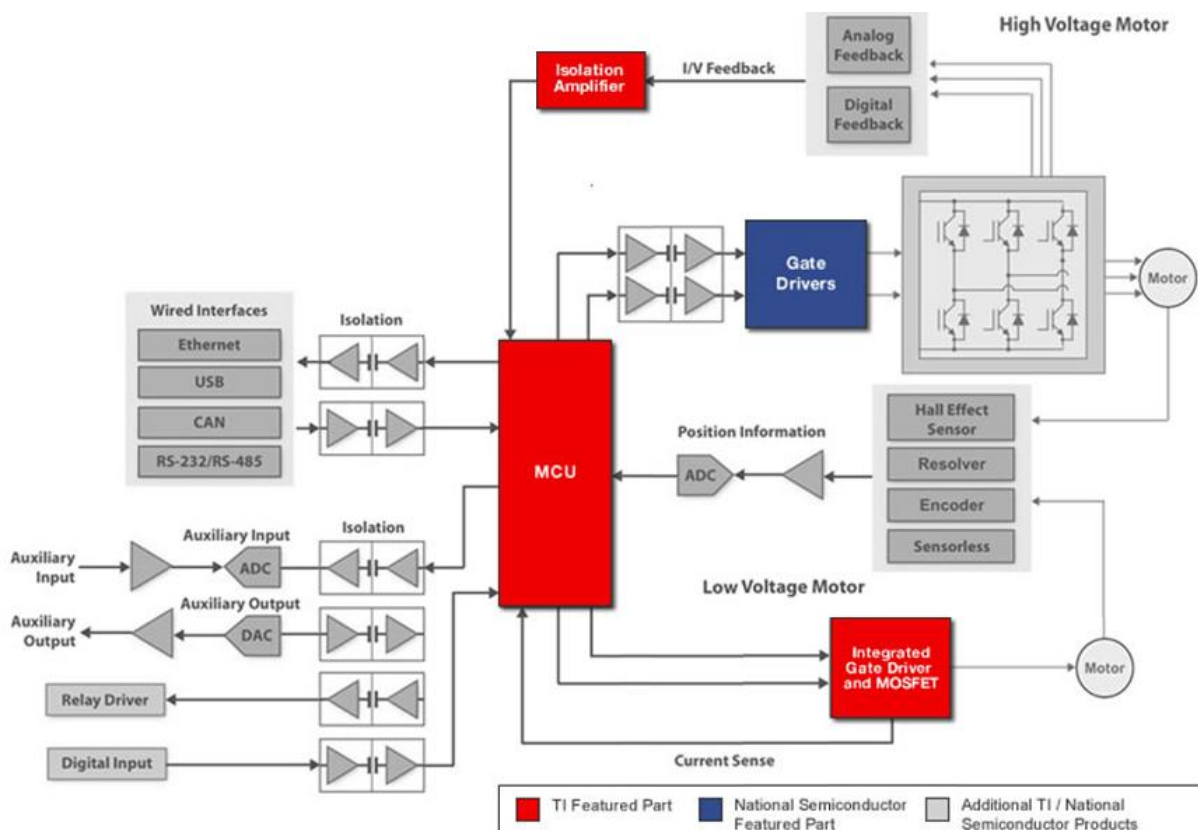


A Flexible Brushless DC Motor Drive Solution

Description:

This brushless DC motor drive solution provides programmable processing for multiple BLDC motor applications, coupled with 100V MOSFET drivers for advanced control of high torque motors.



Key Features:

- 48V and 96V based eBike and Light Electric Vehicles applications
 - Longer range and greater torque
- Single and three phase motors, sensor and sensor-less applications
 - Programmable processor accommodates many motor configurations
- Configurable digital engine allows for new levels of performance and system flexibility
 - Different drive profiles, i.e., range vs. acceleration vs. torque can be implemented for any given application

Products:

Part Number	Description	Farnell order code
LM5101B	100V MOSFET Driver	1290945
LM3S8971	Stellaris® Integrated Motor Control/Driver	2077429 1712289
AMC1200	Isolation Amplifier	2064240

Associated Products:

Part Number	Description	Farnell order code
MDL-BLDC	DC Brushless Motor Control board	1712291