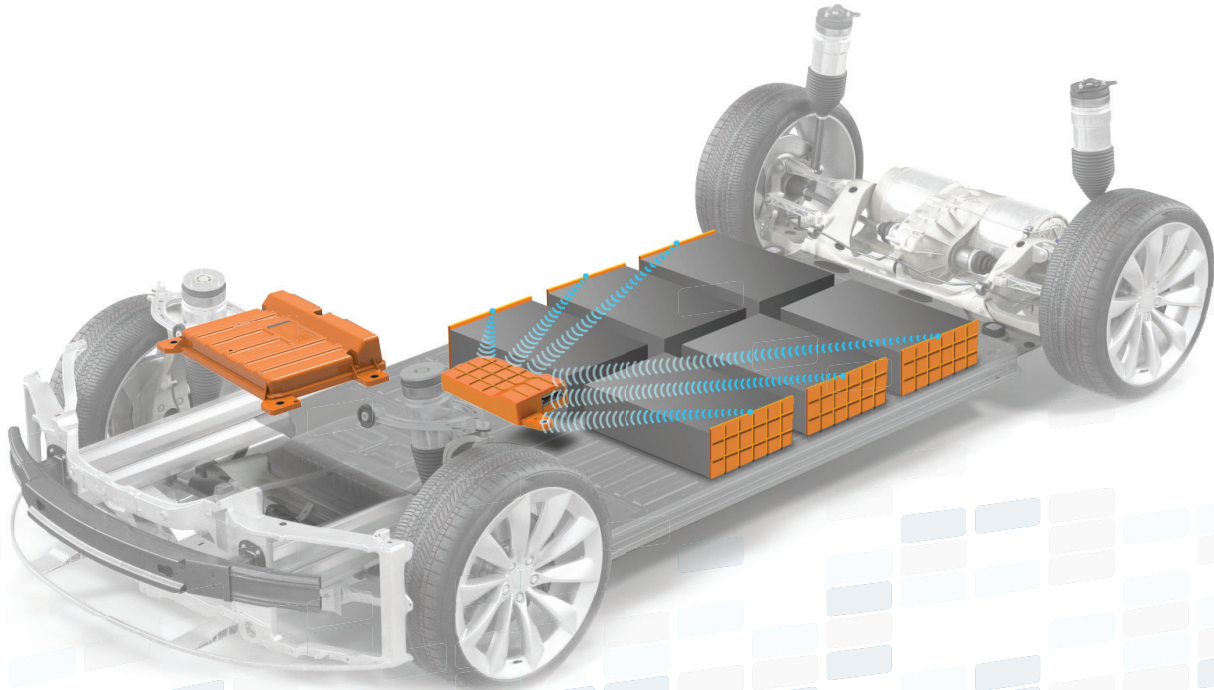


Battery Management System

Wireless Battery Management System



Features:

- Cell module management promotes reliable voltage and temperature sensing for accurate battery state-of-health (SOH) and state-of-charge (SOC) estimation
- Battery safety and diagnostics support cell balancing, measurement of battery, chassis isolation and fault detection
- Built-in self-test (BIST) diagnostics to ASIL C/D compliance
- High-voltage interlock (HVIL) to detect module faults in the HV domain
- HV fast charger and inverter contractor controls to engage power safely and prevent ground faults
- High- and low-speed CAN, LIN, Ethernet, ISO-SPI networks and robust fault-tolerant wireless communications of battery data

Benefits:

- Maximized battery life to achieve longevity and functional safety goals
- Modular and embedded software solutions to accommodate varying weight, packaging and performance requirements
- Customizable system and ability to integrate additional vehicle control functionality such as thermal management
- Wireless implementation specifically designed for HV battery packs allows for seamless updates without compromising safety, security or robustness