



Quad 100 mΩ / Dual 50 mΩ, 3.0 V to 60 V High-Side Switch

XS2410

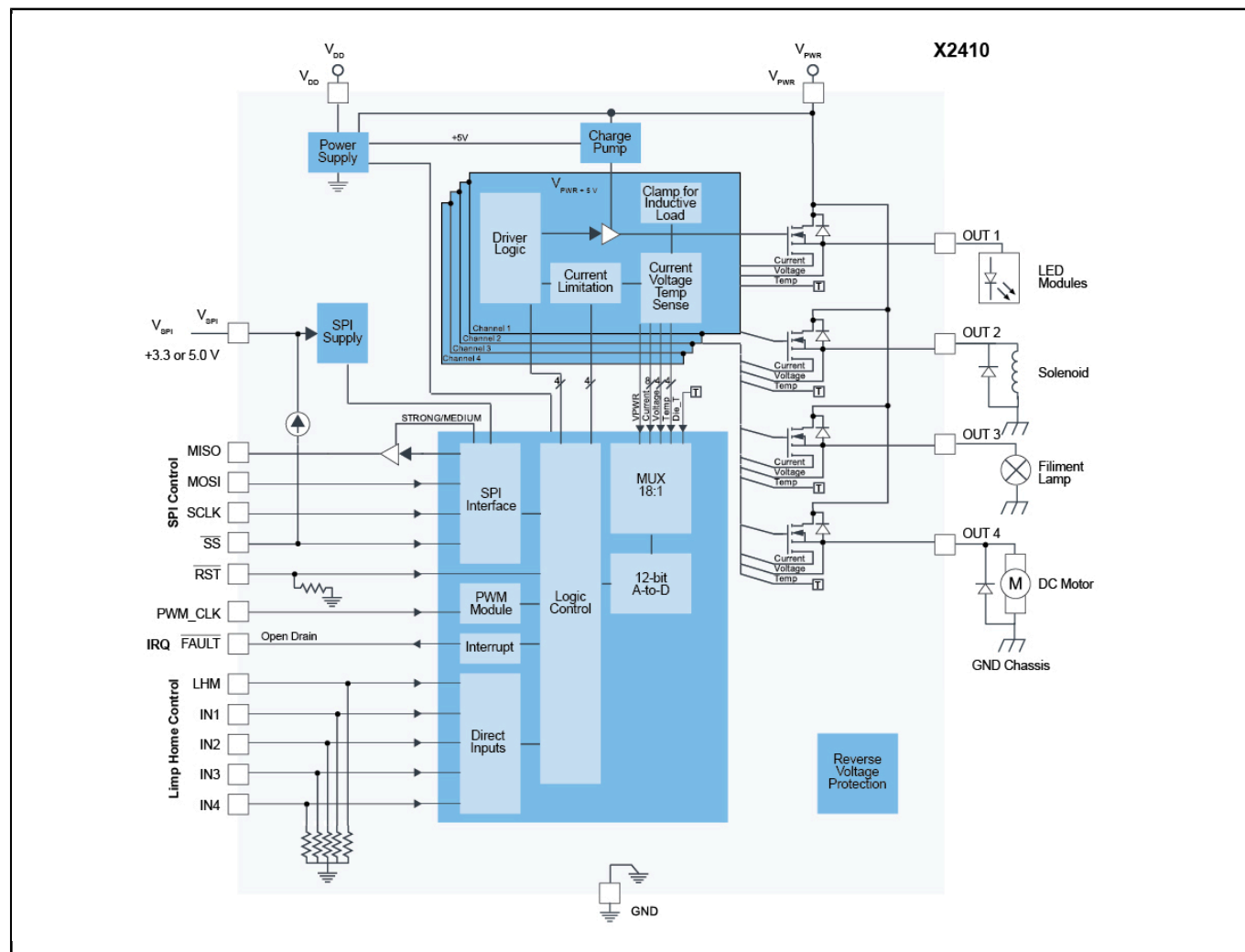
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The MC33XS2410 is a four channel self-protected high-side switch. Featuring advanced digital monitoring and control function, the device is operational from 3.0 V to 60 V. As a result of high-level integration, the embedded 12-bit analog-to-digital converter enables a drastically simplified hardware design and MCU software control.

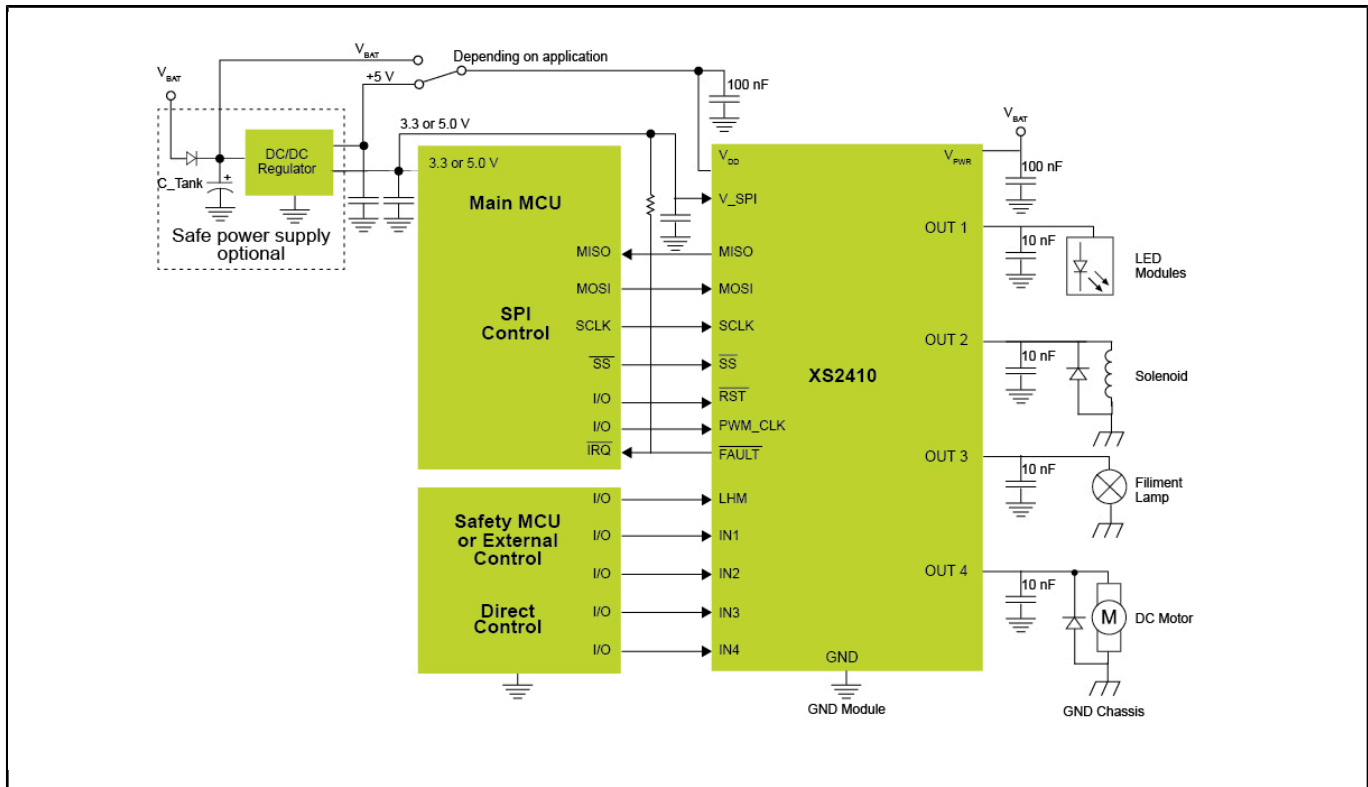
This product has been qualified to the appropriate automotive electronics council (AEC) standard Q100 and is suitable for use in automotive applications.

The device is controlled by SPI port for configuration, monitoring and diagnostics of the outputs. Whenever communication with the MCU is lost, the device enters a safe operation mode, but remains operational, controllable and protected.

XS2410 Block Diagram Block Diagram



XS2410 Application Diagram Block Diagram



View additional information for [Quad 100 mΩ / Dual 50 mΩ, 3.0 V to 60 V High-Side Switch](#).

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