GD3160 Half-Bridge Evaluation Kit

FRDMGD3160DSBHB

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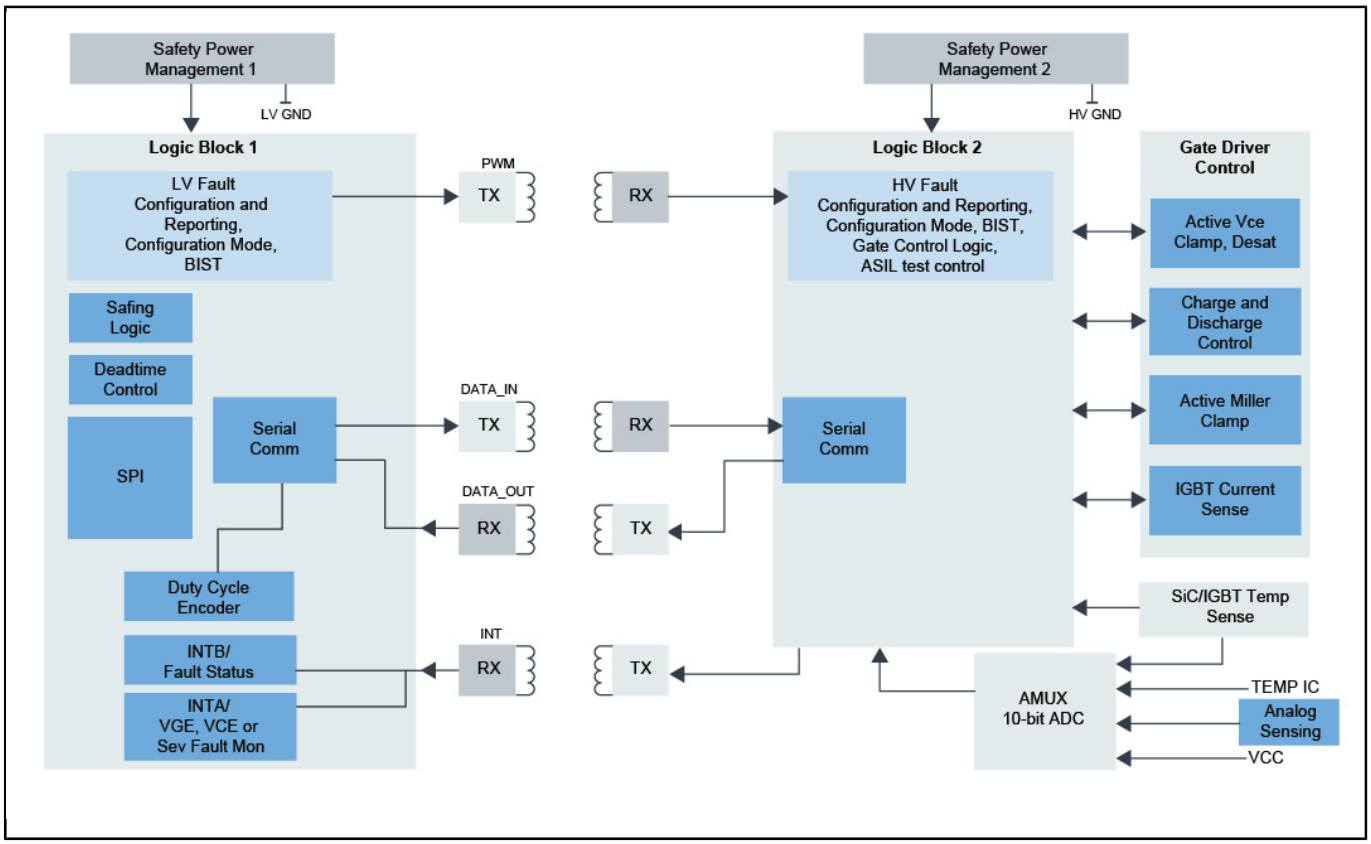
The FRDMGD3160DSBHB is a half-bridge evaluation kit populated with two GD3160 single channel IGBT/SiC MOSFET gate drive devices. The kit includes the FRDM KL25Z microcontroller hardware for interfacing a PC installed with Flex GUI software for communication to the SPI registers on the GD3160 gate drive devices in either daisy chain or standalone configuration.

The KITGD3160TREVB translator board is used to translate 3.3 V signals to 5.0 V signals between the MCU and GD3160 gate drivers. The evaluation kit is designed to connect to a NVG800A75L4DSB with VE-Trac™ Dual IGBT module from onsemi for half-bridge evaluations and applications development.

GD3160 Block Diagram Block Diagram



View additional information for GD3160 Half-Bridge Evaluation Kit.

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