



GD3160 Half-Bridge Evaluation Kit for Danfoss DCM™1000X

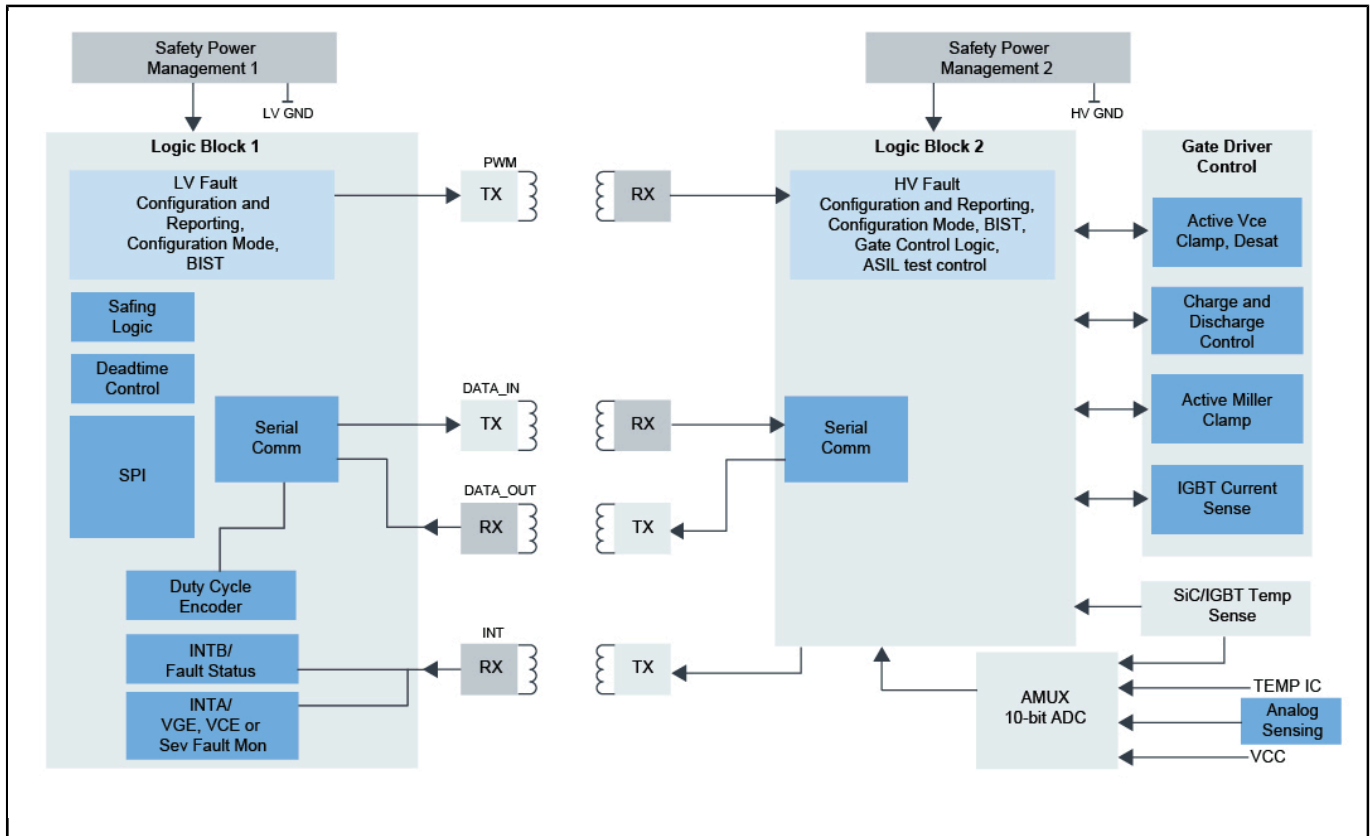
FRDMGD3160DCMHB

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FRDMGD3160DCMHB is a half-bridge evaluation kit populated with two GD3160 single channel IGBT/SiC MOSFET gate drive devices. The kit includes the Freedom 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 Danfoss DCM™1000X module for half-bridge evaluations and applications development. If three phase testing is required, 3 x FRDMGD3160DCMHB can be connected together and driven directly from a single KITGD3160TREVb.

GD3160 Block Diagram Block Diagram



View additional information for [GD3160 Half-Bridge Evaluation Kit for Danfoss DCM™1000X](#).

Note: The information on this document is subject to change without notice.

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