



FRDMGD3160CSLEVM Half-Bridge Evaluation Board

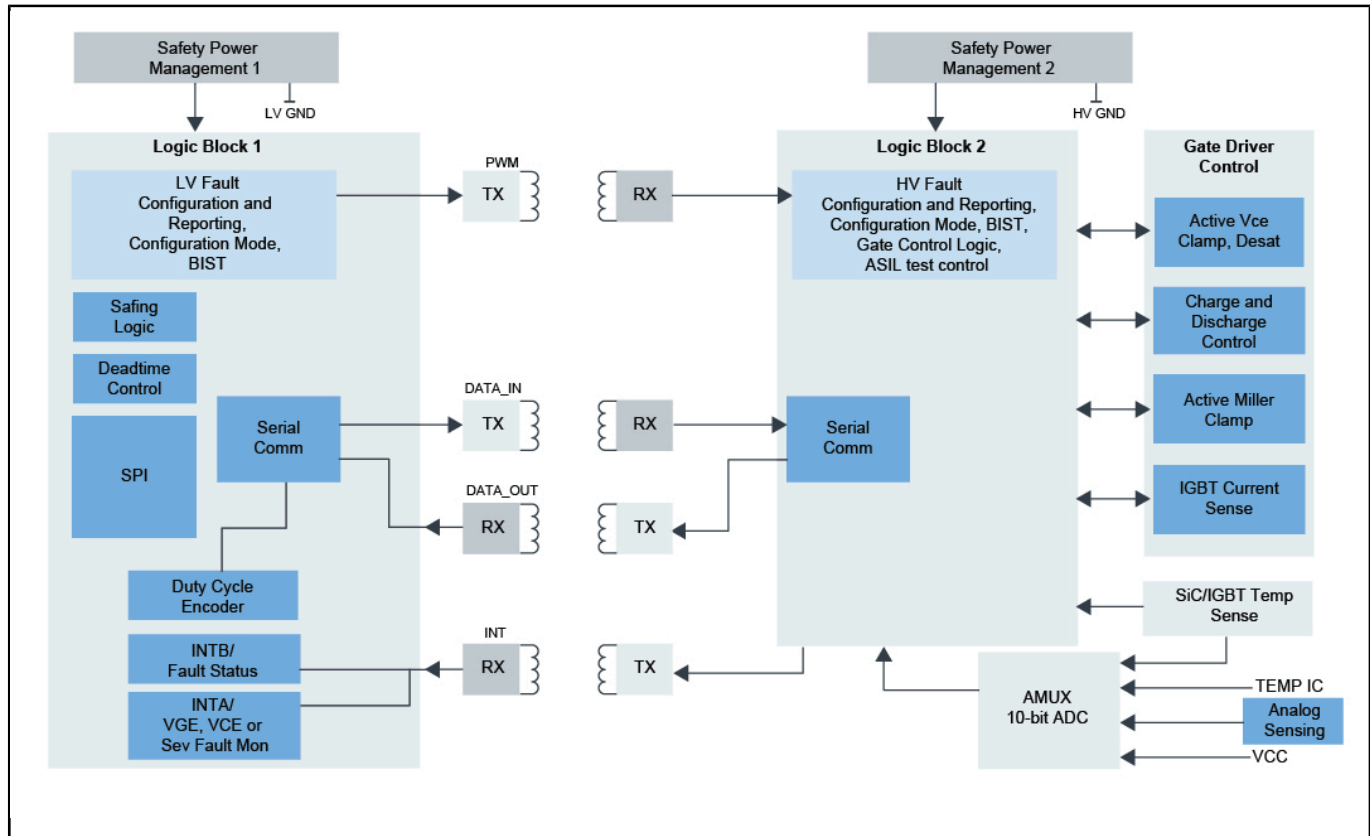
FRDMGD3160CSLEVM

Last Updated: Apr 30, 2025

FRDMGD3160CSLEVM 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.

The KITGD316xTREVB 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 Bosch CSL A-Sample power module for half-bridge evaluations and applications development.

GD3160 Block Diagram Block Diagram



View additional information for [FRDMGD3160CSLEVM Half-Bridge Evaluation Board](#).

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

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2025 NXP B.V.