



3-Phase Reference Design for Fuji M653 IGBTs Featuring GD3100

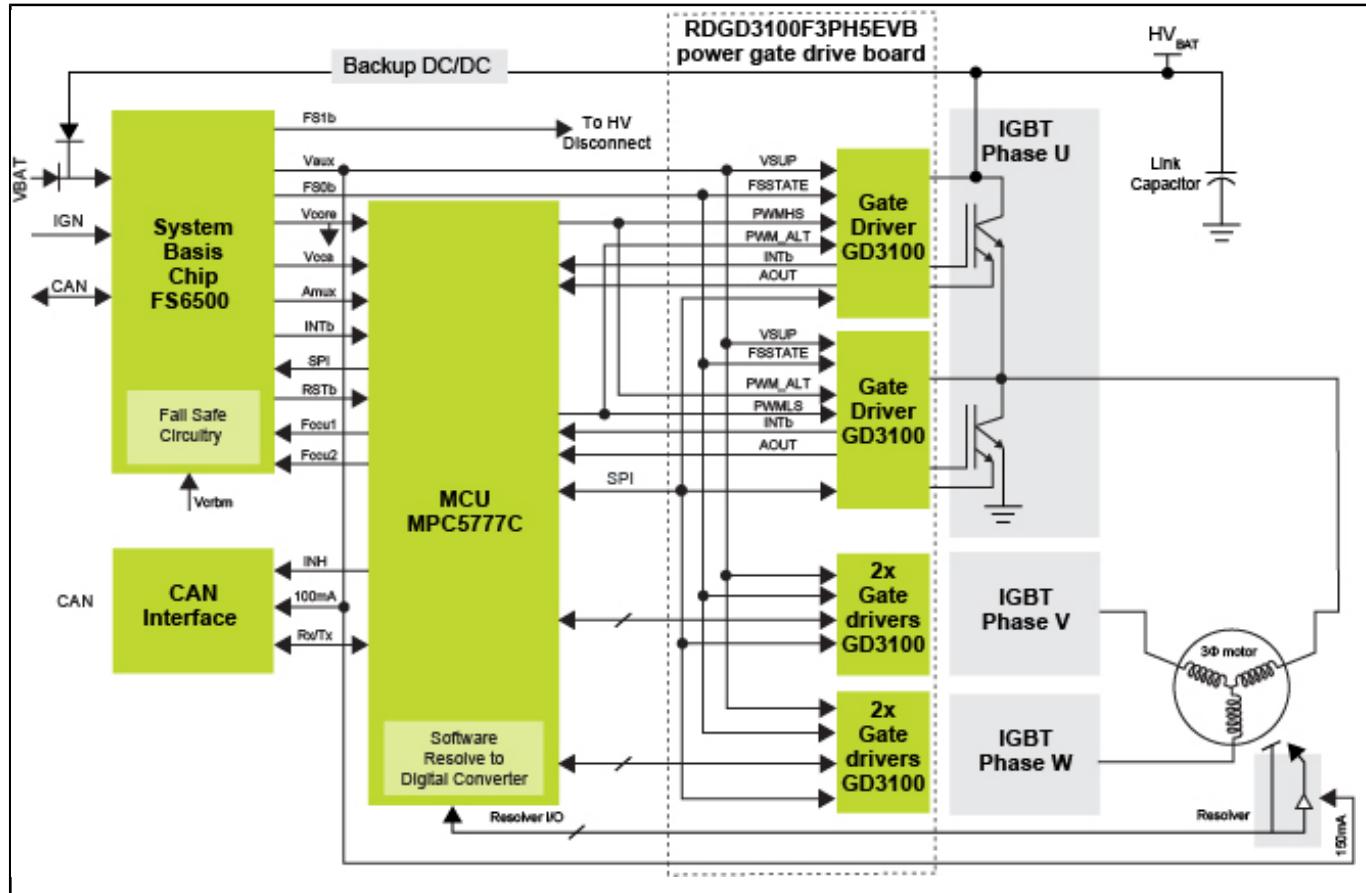
RDGD3100F3PH5EVB

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The RDGD3100F3PH5EVB is a fully functional three-phase power gate drive reference design populated with six [GD3100 gate drivers](#) with fault management and supporting control circuitry.

This board supports SPI daisy chain for programming and communication with three high-side gate drivers and three low-side gate drivers independently. Included is S32SDEV-CON18 PCIe cable for connecting to MCU controller board [MPC5777C-DEVB](#) (not included). This board is designed to be connected to a Fuji Electric M653 Series IGBT module footprint (not included).

RDGD3100F3PH5EVB Block Diagram



[View additional information for 3-Phase Reference Design for Fuji M653 IGBTs Featuring GD3100.](#)

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

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