



面向IGBT和SiC MOSFET的高级高压隔离栅极驱动器

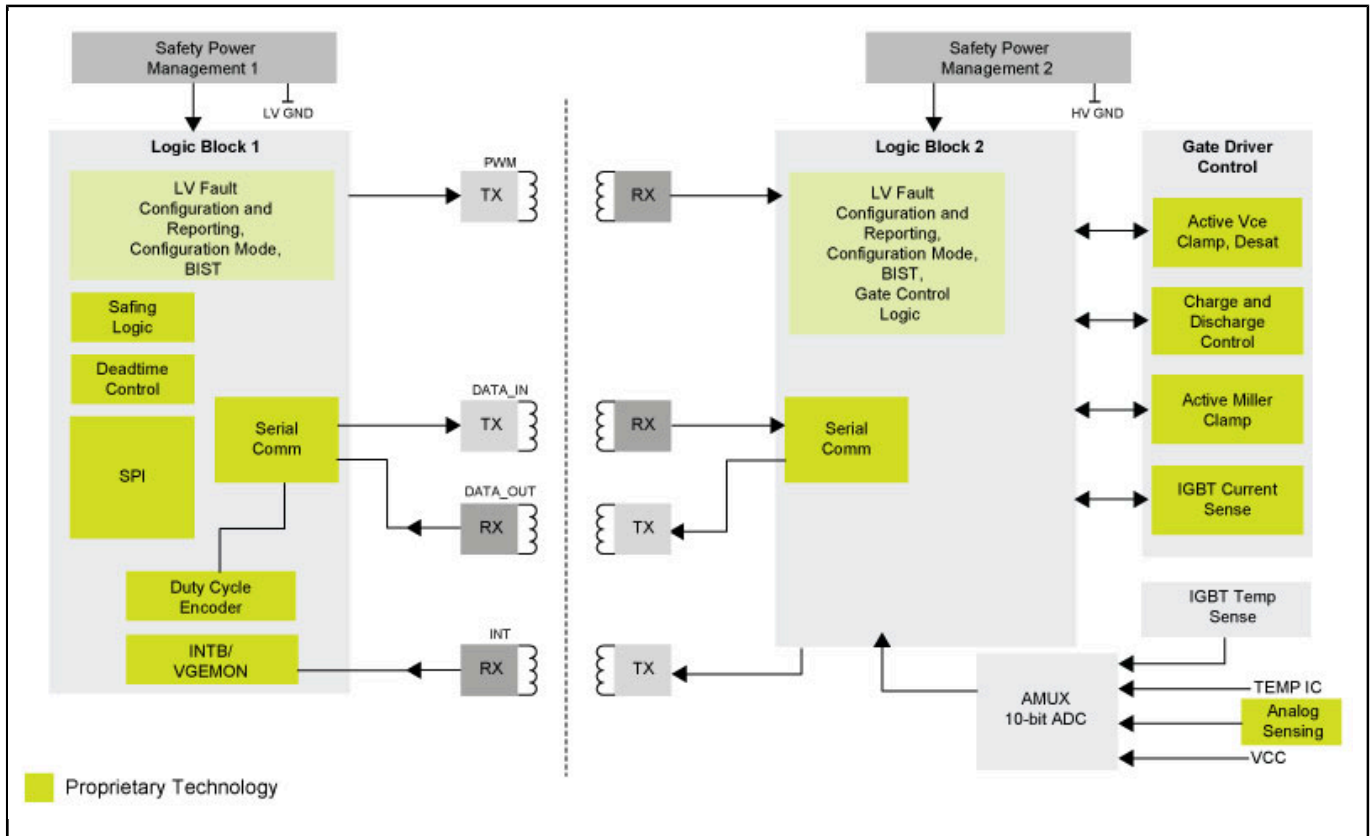
GD3100

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GD3100是面向IGBT/SiC的先进单通道栅极驱动器。集成电隔离和低导通电阻驱动晶体管提供高充电和放电电流、低动态饱和电压以及轨到轨栅极电压控制。

- 电流和温度感应可在故障期间最大限度地降低IGBT/SiC应力
- 准确和可配置的欠压锁定提供保护，同时确保足够的栅极驱动电压余量
- 自主管理严重故障并通过INTB引脚和SPI接口报告故障和状态。它能够直接驱动许多IGBT/SiC的栅极
- 高可靠性系统的设计包括自检、控制和保护功能

面向IGBT和SiC MOSFET的高级高压隔离栅极驱动器 Block Diagram



View additional information for [面向IGBT和SiC MOSFET的高级高压隔离栅极驱动器](#).

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