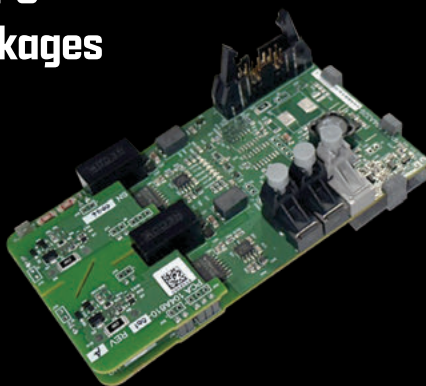


1.2 kV & 1.7kV SiC MOSFET, HALF-BRIDGE GATE DRIVER

Compatible with Microchip SP6
& Wolfspeed HM Module Packages



DESIGN FEATURES

- + +20V/-5V or +15V/-4V Drive Voltage
- + Up to ±20A Drive Strength
- + 5kV Isolation
- + Desat Protection
- + Miller Clamp
- + Input Voltage (15V / 24V)
- + Independent Channel Faults
- + Status LEDs
- + Fault Auto Reset

HARDWARE FEATURES

- + Plastic Mount For Use With SP6 Microchip Modules
- + Kelvin Gate-Source Monitoring Terminals

SPECIFICATIONS

- + Size: L: 4.78" W: 2.62"

SAFETY & PROTECTION

- + PWM Overlap Interlock & De-Glitch
- + Desat Detection & Tunable Soft Turn-Off
- + Output Gate Voltage Clamping

REGULATORY COMPLIANCE

- + Designed to UL 840 Creepage and Clearance

APPLICATION

- + Military & Commercial

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