



**SKYWORKS®**

## **Ensure Safety, Fast Data Transfer, and High Noise Immunity**

Isolated amplifiers and isolated gate drivers help ensure safety, high data rates, and high noise immunity in industrial applications such as factory automation, PLCs and remote I/Os, motor controls and drives, and PV inverters as well as automotive applications like on-board chargers, battery management systems, charging stations, and traction inverters. The devices are available in various compact packages and configurations.

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# Featured Products

## Si828x Isolated Gate Drivers and Si892x/3x/4x Isolated Analog Amplifiers

### Features

- Robust short circuit protection and common-mode transient immunity
- High current handling capability and rugged reliability
- High- and low-side variants, and gate driver with DC-DC controller



*Si828x-AW-GDB evaluation board*

Part Number/Product Family	Description	Package
XM3 Si828x GDB (Wolfspeed)	Isolated gate driver for traction inverters	Wide body SOIC-20, modular solution with Si8285, Si8284, Si86S610
Si892x/3x/4x	Isolated analog amplifiers for current sensing	Narrow body SOIC-8, wide body SOIC-8