



# MODULE GATE DRIVER BOARDS

Wolfspeed provides companion gate driver evaluation tools for its Silicon Carbide products to help you get up and running quickly. These evaluation tools help you learn best practices and give you a starting point for working with Wolfspeed's Silicon Carbide. All design files available are complimentary, so that you can quickly understand and implement our designs into your end-system and modify as-needed to fit your specific design requirements.



## Companion Gate Drivers

SKU	Package	Designed By	Working Voltage	Gate Driver	Output Channels
CGD1200HB2P-BM2	B Platform	Wolfspeed	1000V	Analog Devices ADuM4135	2
CGD1200HB2P-BM3	B Platform	Wolfspeed	1000V	Analog Devices ADuM4135	2
CGD12HBXMP	X Platform	Wolfspeed	1000V	Analog Devices ADuM4135	2
CGD1700HB2P-BM2	B Platform	Wolfspeed	1200V	Analog Devices ADuM4146	2
CGD1700HB2P-BM3	B Platform	Wolfspeed	1200V	Analog Devices ADuM4146	2
CGD1700HB2M-UNA	F Platform, G Platform	Wolfspeed	1200V	Texas Instruments UCC21710	2
EVAL-ADUM4121WHB1Z <b>NEW</b>	F Platform, G Platform	Partner	1200V	Analog Devices ADuM4121	2
EVAL-ADUM4122WHB1Z <b>NEW</b>	F Platform, G Platform	Partner	1200V	Analog Devices ADuM4122	2
EVAL-ADUM4146WHB1Z	F Platform, G Platform	Partner	1200V	Analog Devices ADuM4146	2
SI823H-AXWA-KIT	F Platform, G Platform	Partner	1200V	Skyworks Si823Hx	2
UCC21710QDWEVM-054 <b>NEW</b>	F Platform, G Platform	Partner	1200V	Texas Instruments UCC21710	2
UCC21750QDWEVM-054 <b>NEW</b>	F Platform, G Platform	Partner	1200V	Texas Instruments UCC21750	2
CGD1700HB2P-XM3	X Platform	Wolfspeed	1200V	Analog Devices ADuM4146	2
CMT-TIT0697	X Platform	Wolfspeed	1200V	Cisoid HADES	2
EVAL-ADuM4177WHBBZ	X Platform	Wolfspeed	1200V	Analog Devices ADuM4177	2
FRDMGD3160XM3EVM	X Platform	Partner	1200V	NXP GD3160	2
Si828x-AAWB-KIT	X Platform	Partner	1200V	Skyworks Si828Hx	2
UCC5880QEVM-057	X Platform	Partner	1200V	Texas Instruments UCC5880-Q1	2
UCC5880INVERTEREVM	X Platform	Partner	1200V	Texas Instruments UCC5880-Q2	2
CGD1700HB3P-HM3	H Platform	Wolfspeed	1500V	IXDD614YY	2

**GATE DRIVERS ARE UNIVERSAL AND WILL WORK FOR ALL WOLFSPPEED® POWER MODULES PRODUCTS**

## Why Wolfspeed Silicon Carbide?

### Wolfspeed invented the Silicon Carbide MOSFET

30+ years of Silicon Carbide power with 7+ trillion installed field hours

### Wolfspeed is investing for the Future

#1 market share in Silicon Carbide technology, 30x capacity by 2024

### 17+ Years of Diode and MOSFET Production

Thousands of customers with millions of MOSFETs, Diodes and Modules

### Focused Development and Customer Support

ALL resources dedicated to developing Silicon Carbide capacity, devices, packages, and to providing superior applications support

## We Provide Silicon Carbide Solutions

- » Silicon Carbide power devices
- » Silicon Carbide expertise—this is all we do
- » Application reference designs
- » Expert systems engineering support
- » Online simulation platform

TO LEARN MORE, VISIT US AT [WOLFSPPEED.COM/POWER](https://www.wolfspeed.com/power)

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