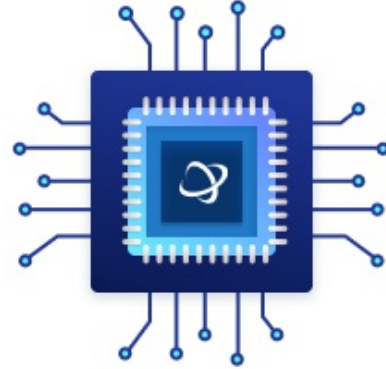


Dual-Channel Augmented Core - 1700V

Manufacturers	Microchip Technology, Inc
Package/Case	N/A
Product Type	
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 2ASC-17A1HP or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com). We will contact you in 12 hours.

[RFQ](#)

General Description

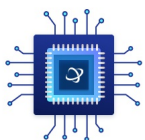
High-Performance SiC Gate Driver Cores are Dual-Channel Gate Driver Cores for 1200V and 1700V SiC modules. These Gate Driver Cores feature Augmented Switching™ control, robust short circuit protection, and are fully software configurable, including +/- V_{gs} Gate Voltages. The new 2ASC-12A2HP Gate Driver Core adds two-level turn-on Augmented Switching options: [2ASC-12A2HP Data Sheet](#)

Optimized for Electric Vehicles, Auxiliary Power Unit, Charging, Storage and Inverter applications, these Gate Driver Cores are UL compliant for up to 1200V and 1700V rated modules (and below), can switch up to 150 kHz, and provide up to 7 unique fault and monitoring conditions, including Temperature and High Voltage Monitoring.

These Cores are production qualified to enable rapid time to market. They can also be mated to Module Adapter Boards for rapid evaluation of Module and Gate Driver.

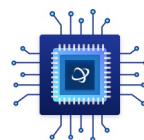
Easily configure and fine-tune the performance of these Gate Drivers using the Intelligent Configuration Tool (ICT) Version 2.0

Related Products



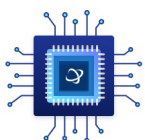
[2ASC-12A2HP](#)

Microchip Technology, Inc
N/A



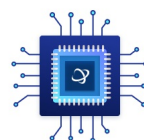
[ASDAK-2ASC-17A1HP-62](#)

Microchip Technology, Inc
N/A



[ASDAK-2ASC-12A1HP-SP6LI](#)

Microchip Technology, Inc
N/A



[SG79052AT-883B](#)

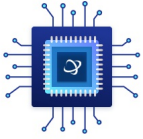
Microchip Technology, Inc
N/A



[SG79052AK-883B](#)

Microchip Technology, Inc

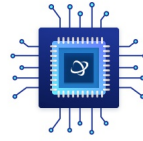
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[SG79052AIG-883B](#)

Microchip Technology, Inc

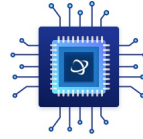
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[SG79052AK](#)

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N/A



[SG79052AT](#)

Microchip Technology, Inc

N/A