

**LM5109BQNGTRQ1 Information**


For Reference Only

**Part Number** [LM5109BQNGTRQ1](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
     [PMIC - Gate Drivers](#)  
**Description** IC GATE DRIVER HALF BRIDGE 8WSON  
**Package** 8-WDFN Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**LM5109BQNGTRQ1 Specifications**

Manufacturer Part Number	<a href="#">LM5109BQNGTRQ1</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">PMIC - Gate Drivers</a>
Package	8-WDFN Exposed Pad
Series	Automotive, AEC-Q100
Driven Configuration	Half-Bridge
Channel Type	Independent
Number of Drivers	2
Gate Type	N-Channel MOSFET
Voltage - Supply	8 V ~ 14 V
Logic Voltage - VIL, VIH	0.8V, 2.2V
Current - Peak Output (Source, Sink)	1A, 1A
Input Type	Non-Inverting
High Side Voltage - Max (Bootstrap)	108V
Rise / Fall Time (Typ)	15ns, 15ns
Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount
Package / Case	8-WDFN Exposed Pad
Supplier Device Package	8-WSON (4x4)

[Report errors?](#)

## LM5109BQNGTRQ1 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## LM5109BQNGTRQ1 Payment Methods



## LM5109BQNGTRQ1 Shipping Methods



If you have any question about LM5109BQNGTRQ1, please do not hesitate to contact us!

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