

## MCP14E4-E/SL Information



For Reference Only

**Part Number** [MCP14E4-E/SL](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
 PMIC - Gate Drivers  
**Description** MOSFET DRVR 4.5A DUAL HS 16SOIC  
**Package** 16-SOIC (0.154", 3.90mm Width)  
 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.



## MCP14E4-E/SL Specifications

Manufacturer Part Number	<a href="#">MCP14E4-E/SL</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">PMIC - Gate Drivers</a>
Package	16-SOIC (0.154", 3.90mm Width)
Series	-
Driven Configuration	Low-Side
Channel Type	Independent
Number of Drivers	2
Gate Type	IGBT, N-Channel, P-Channel MOSFET
Voltage - Supply	4.5V ~ 18V
Logic Voltage - VIL, VIH	0.8V, 2.4V
Current - Peak Output (Source, Sink)	4A, 4A
Input Type	Non-Inverting
High Side Voltage - Max (Bootstrap)	-
Rise / Fall Time (Typ)	15ns, 18ns
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	16-SOIC (0.154", 3.90mm Width)
Supplier Device Package	16-SOIC

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## MCP14E4-E/SL 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.

## MCP14E4-E/SL Payment Methods



## MCP14E4-E/SL Shipping Methods



If you have any question about MCP14E4-E/SL, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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