

**MCP14700T-E/MF Information**


For Reference Only

**Part Number** MCP14700T-E/MF  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
     **PMIC - Gate Drivers**  
**Description** IC MOSFET DRIVER HIGH/LOW 8DFN  
**Package** 8-VDFN 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.


**MCP14700T-E/MF Specifications**

|                                      |   |
|--------------------------------------|---|
| Manufacturer Part Number             | MCP14700T-E/MF  |
| Manufacturer                         | Microchip Technology                                    |
| Category                             | Integrated Circuits (ICs)<br><b>PMIC - Gate Drivers</b> |
| Package                              | 8-VDFN Exposed Pad                                      |
| Series                               | -   |
| Driven Configuration                 | Half-Bridge   |
| Channel Type                         | Independent   |
| Number of Drivers                    | 2   |
| Gate Type                            | N-Channel MOSFET  |
| Voltage - Supply                     | 4.5 V ~ 5.5 V   |
| Logic Voltage - VIL, VIH             | -   |
| Current - Peak Output (Source, Sink) | 2A, 2A  |
| Input Type                           | Non-Inverting   |
| High Side Voltage - Max (Bootstrap)  | 36V   |
| Rise / Fall Time (Typ)               | 10ns, 10ns  |
| Operating Temperature                | -40°C ~ 125°C (TJ)                                      |
| Mounting Type                        | Surface Mount   |
| Package / Case                       | 8-VDFN Exposed Pad                                      |
| Supplier Device Package              | 8-DFN-EP (3x3)  |

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## MCP14700T-E/MF 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.

## MCP14700T-E/MF Payment Methods



## MCP14700T-E/MF Shipping Methods



If you have any question about MCP14700T-E/MF, please do not hesitate to contact us!

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