

**MCP14A0455T-E/MS Information**


For Reference Only

**Part Number** [MCP14A0455T-E/MS](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[PMIC - Gate Drivers](#)  
**Description** LOW-SIDE MOSFET DRIVER  
**Package** 8-TSSOP, 8-MSOP (0.118", 3.00mm 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.


**MCP14A0455T-E/MS Specifications**

|                                      |                                                                  |
|--------------------------------------|------------------------------------------------------------------|
| Manufacturer Part Number             | <a href="#">MCP14A0455T-E/MS</a>                                 |
| Manufacturer                         | Microchip Technology                                             |
| Category                             | Integrated Circuits (ICs)<br><a href="#">PMIC - Gate Drivers</a> |
| Package                              | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                           |
| Series                               | -                                                                |
| Driven Configuration                 | Low-Side                                                         |
| Channel Type                         | Single                                                           |
| Number of Drivers                    | 2                                                                |
| Gate Type                            | IGBT                                                             |
| Voltage - Supply                     | 4.5 V ~ 18 V                                                     |
| Logic Voltage - VIL, VIH             | 0.8V, 2V                                                         |
| Current - Peak Output (Source, Sink) | 4.5A, 4.5A                                                       |
| Input Type                           | Inverting, Non-Inverting                                         |
| High Side Voltage - Max (Bootstrap)  | -                                                                |
| Rise / Fall Time (Typ)               | 12ns, 12ns                                                       |
| Operating Temperature                | -40°C ~ 125°C (TA)                                               |
| Mounting Type                        | Surface Mount                                                    |
| Package / Case                       | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                           |
| Supplier Device Package              | 8-MSOP                                                           |

[Report errors?](#)

## MCP14A0455T-E/MS 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.

## MCP14A0455T-E/MS Payment Methods



## MCP14A0455T-E/MS Shipping Methods



If you have any question about MCP14A0455T-E/MS, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)