

**MPLAD18KP28AE3 Information**


For Reference Only

**Part Number** [MPLAD18KP28AE3](#)  
**Manufacturer** Microsemi Corporation  
**Category** Circuit Protection  
[TVS - Diodes](#)  
**Description** TVS DIODE 45.5VC 396A PLAD  
**Package** Nonstandard SMD  
 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.


**MPLAD18KP28AE3 Specifications**

|                                  |  |
|----------------------------------|--|
| Manufacturer Part Number         | <a href="#">MPLAD18KP28AE3</a>                     |
| Manufacturer                     | Microsemi Corporation                              |
| Category                         | Circuit Protection<br><a href="#">TVS - Diodes</a> |
| Package                          | Nonstandard SMD                                    |
| Series                           | Military, MIL-PRF-19500                            |
| Type                             | Zener  |
| Unidirectional Channels          | 1  |
| Bidirectional Channels           | -  |
| Voltage - Reverse Standoff (Typ) | 28V  |
| Voltage - Breakdown (Min)        | 31.1V  |
| Voltage - Clamping (Max) @ Ipp   | 45.5V  |
| Current - Peak Pulse (10/1000µs) | 396A   |
| Power - Peak Pulse               | 18000W (18kW)                                      |
| Power Line Protection            | No   |
| Applications                     | Automotive   |
| Capacitance @ Frequency          | -  |
| Operating Temperature            | -55°C ~ 150°C (TJ)                                 |
| Mounting Type                    | Surface Mount                                      |
| Package / Case                   | Nonstandard SMD                                    |
| Supplier Device Package          | PLAD   |

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## MPLAD18KP28AE3 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.

## MPLAD18KP28AE3 Payment Methods



## MPLAD18KP28AE3 Shipping Methods



If you have any question about MPLAD18KP28AE3, please do not hesitate to contact us!

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

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