

**MPLAD18KP45AE3 Information**


For Reference Only

**Part Number** [MPLAD18KP45AE3](#)  
**Manufacturer** Microsemi Corporation  
**Category** Circuit Protection  
[TVS - Diodes](#)  
**Description** TVS DIODE 72.7VC 248A 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.


**MPLAD18KP45AE3 Specifications**

Manufacturer Part Number	<a href="#">MPLAD18KP45AE3</a>
Manufacturer	Microsemi Corporation
Category	Circuit Protection <a href="#">TVS - Diodes</a>
Package	Nonstandard SMD
Series	Military, MIL-PRF-19500
Type	Zener
Unidirectional Channels	1
Bidirectional Channels	-
Voltage - Reverse Standoff (Typ)	45V
Voltage - Breakdown (Min)	50V
Voltage - Clamping (Max) @ Ipp	72.7V
Current - Peak Pulse (10/1000µs)	248A
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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## MPLAD18KP45AE3 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.

## MPLAD18KP45AE3 Payment Methods



## MPLAD18KP45AE3 Shipping Methods



If you have any question about MPLAD18KP45AE3, please do not hesitate to contact us!

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