

**MXPLAD18KP54CA Information**


For Reference Only

**Part Number** [MXPLAD18KP54CA](#)  
**Manufacturer** Microsemi Corporation  
**Category** Circuit Protection  
     [TVS - Diodes](#)  
**Description** TVS DIODE 87.1VC 207A 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.


**MXPLAD18KP54CA Specifications**

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| Manufacturer Part Number         | <a href="#">MXPLAD18KP54CA</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          | -                                                  |
| Bidirectional Channels           | 1                                                  |
| Voltage - Reverse Standoff (Typ) | 54V                                                |
| Voltage - Breakdown (Min)        | 60V                                                |
| Voltage - Clamping (Max) @ Ipp   | 87.1V                                              |
| Current - Peak Pulse (10/1000µs) | 207A                                               |
| 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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## MXPLAD18KP54CA 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.

## MXPLAD18KP54CA Payment Methods



## MXPLAD18KP54CA Shipping Methods



If you have any question about MXPLAD18KP54CA, please do not hesitate to contact us!

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

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