

**MXPLAD36KP51CAE3 Information**


For Reference Only

**Part Number** [MXPLAD36KP51CAE3](#)  
**Manufacturer** Microsemi Corporation  
**Category** Circuit Protection  
[TVS - Diodes](#)  
**Description** TVS DIODE 82.4VC 437A 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.


**MXPLAD36KP51CAE3 Specifications**

|                                  |                                  |
|----------------------------------|----------------------------------|
| Manufacturer Part Number         | <a href="#">MXPLAD36KP51CAE3</a> |
| Manufacturer                     | Microsemi Corporation            |
| Category                         | Circuit Protection               |
|                                  | <a href="#">TVS - Diodes</a>     |
| Package                          | Nonstandard SMD                  |
| Series                           | Military, MIL-PRF-19500          |
| Type                             | Zener                            |
| Unidirectional Channels          | -                                |
| Bidirectional Channels           | 1                                |
| Voltage - Reverse Standoff (Typ) | 51V                              |
| Voltage - Breakdown (Min)        | 56.7V                            |
| Voltage - Clamping (Max) @ Ipp   | 82.4V                            |
| Current - Peak Pulse (10/1000µs) | 437A                             |
| Power - Peak Pulse               | 36000W (36kW)                    |
| 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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## MXPLAD36KP51CAE3 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.

## MXPLAD36KP51CAE3 Payment Methods



## MXPLAD36KP51CAE3 Shipping Methods



If you have any question about MXPLAD36KP51CAE3, please do not hesitate to contact us!

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