

**MXSMBG85CAE3 Information**


For Reference Only

**Part Number** [MXSMBG85CAE3](#)  
**Manufacturer** Microsemi Corporation  
**Category** Circuit Protection  
[TVS - Diodes](#)  
**Description** TVS DIODE 85VWM 137VC DO215AA  
**Package** DO-215AA, SMB Gull Wing  
 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.


**MXSMBG85CAE3 Specifications**

|                                  |  |
|----------------------------------|--|
| Manufacturer Part Number         | <a href="#">MXSMBG85CAE3</a>                       |
| Manufacturer                     | Microsemi Corporation                              |
| Category                         | Circuit Protection<br><a href="#">TVS - Diodes</a> |
| Package                          | DO-215AA, SMB Gull Wing                            |
| Series                           | Military, MIL-PRF-19500                            |
| Type                             | Zener  |
| Unidirectional Channels          | -  |
| Bidirectional Channels           | 1  |
| Voltage - Reverse Standoff (Typ) | 85V  |
| Voltage - Breakdown (Min)        | 94.4V  |
| Voltage - Clamping (Max) @ Ipp   | 137V   |
| Current - Peak Pulse (10/1000µs) | 4.4A   |
| Power - Peak Pulse               | 600W   |
| Power Line Protection            | No   |
| Applications                     | General Purpose                                    |
| Capacitance @ Frequency          | -  |
| Operating Temperature            | -65°C ~ 150°C (TJ)                                 |
| Mounting Type                    | Surface Mount                                      |
| Package / Case                   | DO-215AA, SMB Gull Wing                            |
| Supplier Device Package          | SMBG (DO-215AA)                                    |

[Report errors?](#)

## MXSMBG85CAE3 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.

## MXSMBG85CAE3 Payment Methods



## MXSMBG85CAE3 Shipping Methods



If you have any question about MXSMBG85CAE3, please do not hesitate to contact us!

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

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