

**1N6145AUS Information**


For Reference Only

**Part Number** [1N6145AUS](#)  
**Manufacturer** Microsemi Corporation  
**Category** Circuit Protection  
     [TVS - Diodes](#)  
**Description** TVS DIODE 9.9VWM 18.2VC SQMELF  
**Package** SQ-MELF, C  
 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.


**1N6145AUS Specifications**

Manufacturer Part Number	<a href="#">1N6145AUS</a>
Manufacturer	Microsemi Corporation
Category	Circuit Protection <a href="#">TVS - Diodes</a>
Package	SQ-MELF, C
Series	-
Type	Zener
Unidirectional Channels	-
Bidirectional Channels	1
Voltage - Reverse Standoff (Typ)	9.9V
Voltage - Breakdown (Min)	12.35V
Voltage - Clamping (Max) @ Ipp	18.2V
Current - Peak Pulse (10/1000µs)	82.4A
Power - Peak Pulse	1500W (1.5kW)
Power Line Protection	No
Applications	General Purpose
Capacitance @ Frequency	-
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	SQ-MELF, C
Supplier Device Package	C, SQ-MELF

[Report errors?](#)

## 1N6145AUS 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.

## 1N6145AUS Payment Methods



## 1N6145AUS Shipping Methods



If you have any question about 1N6145AUS, please do not hesitate to contact us!

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