

**1N5418 Information**


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For Reference Only

**Part Number** [1N5418](#)  
**Manufacturer** Microsemi Corporation  
**Category** Discrete Semiconductor Products  
[Diodes - Rectifiers - Single](#)  
**Description** DIODE GEN PURP 400V 3A B-MELF  
**Package** SQ-MELF, B  
 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.


**1N5418 Specifications**

Manufacturer Part Number	<a href="#">1N5418</a>
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products <a href="#">Diodes - Rectifiers - Single</a>
Package	SQ-MELF, B
Series	-
Diode Type	Standard
Voltage - DC Reverse (Vr) (Max)	400V
Current - Average Rectified (Io)	3A
Voltage - Forward (Vf) (Max) @ If	1.5V @ 9A
Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	150ns
Current - Reverse Leakage @ Vr	1µA @ 400V
Capacitance @ Vr, F	-
Mounting Type	Surface Mount
Package / Case	SQ-MELF, B
Supplier Device Package	B, SQ-MELF
Operating Temperature - Junction	-65°C ~ 175°C

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## 1N5418 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.

## 1N5418 Payment Methods



## 1N5418 Shipping Methods



If you have any question about 1N5418, please do not hesitate to contact us!

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