

**1N6642US Information**


For Reference Only

**Part Number** [1N6642US](#)  
**Manufacturer** Microsemi Corporation  
**Category** Discrete Semiconductor Products  
     [Diodes - Rectifiers - Single](#)  
**Description** DIODE GEN PURP 75V 300MA D5D  
**Package** SQ-MELF, D  
 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.


**1N6642US Specifications**

Manufacturer Part Number	<a href="#">1N6642US</a>
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products <a href="#">Diodes - Rectifiers - Single</a>
Package	SQ-MELF, D
Series	-
Diode Type	Standard
Voltage - DC Reverse (Vr) (Max)	75V
Current - Average Rectified (Io)	300mA
Voltage - Forward (Vf) (Max) @ If	1.2V @ 100mA
Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	5ns
Current - Reverse Leakage @ Vr	500nA @ 75V
Capacitance @ Vr, F	5pF @ 0V, 1MHz
Mounting Type	Surface Mount
Package / Case	SQ-MELF, D
Supplier Device Package	D-5D
Operating Temperature - Junction	-65°C ~ 175°C

[Report errors?](#)

## 1N6642US 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.

## 1N6642US Payment Methods



## 1N6642US Shipping Methods



If you have any question about 1N6642US, please do not hesitate to contact us!

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

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