

**UGB12HTHE3/81 Information**


For Reference Only

**Part Number** UGB12HTHE3/81  
**Manufacturer** Vishay Semiconductor Diodes Division  
**Category** Discrete Semiconductor Products  
     **Diodes - Rectifiers - Single**  
**Description** DIODE GEN PURP 500V 12A TO263AB  
**Package** TO-263-3, D2Pak (2 Leads + Tab), TO-263AB  
 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.


**UGB12HTHE3/81 Specifications**

|                                   |  |
|-----------------------------------|--|
| Manufacturer Part Number          | UGB12HTHE3/81  |
| Manufacturer                      | Vishay Semiconductor Diodes Division                                   |
| Category                          | Discrete Semiconductor Products<br><b>Diodes - Rectifiers - Single</b> |
| Package                           | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB                              |
| Series                            | -  |
| Diode Type                        | Standard   |
| Voltage - DC Reverse (Vr) (Max)   | 500V   |
| Current - Average Rectified (Io)  | 12A  |
| Voltage - Forward (Vf) (Max) @ If | 1.75V @ 12A  |
| Speed                             | Fast Recovery =< 500ns, > 200mA (Io)                                   |
| Reverse Recovery Time (trr)       | 50ns   |
| Current - Reverse Leakage @ Vr    | 30µA @ 500V  |
| Capacitance @ Vr, F               | -  |
| Mounting Type                     | Surface Mount  |
| Package / Case                    | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB                              |
| Supplier Device Package           | TO-263AB   |
| Operating Temperature - Junction  | -55°C ~ 150°C  |

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## UGB12HTHE3/81 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.

## UGB12HTHE3/81 Payment Methods



## UGB12HTHE3/81 Shipping Methods



If you have any question about UGB12HTHE3/81, please do not hesitate to contact us!

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

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