

**STTH810D Information**


For Reference Only

**Part Number** [STTH810D](#)  
**Manufacturer** STMicroelectronics  
**Category** Discrete Semiconductor Products  
                   [Diodes - Rectifiers - Single](#)  
**Description** DIODE GEN PURP 1KV 8A TO220AC  
**Package** TO-220-2  
 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.


**STTH810D Specifications**

|                                   |  |
|-----------------------------------|--|
| Manufacturer Part Number          | <a href="#">STTH810D</a>                     |
| Manufacturer                      | STMicroelectronics                           |
| Category                          | Discrete Semiconductor Products              |
|                                   | <a href="#">Diodes - Rectifiers - Single</a> |
| Package                           | TO-220-2                                     |
| Series                            | -  |
| Diode Type                        | Standard                                     |
| Voltage - DC Reverse (Vr) (Max)   | 1000V  |
| Current - Average Rectified (Io)  | 8A   |
| Voltage - Forward (Vf) (Max) @ If | 2V @ 8A                                      |
| Speed                             | Fast Recovery =< 500ns, > 200mA (Io)         |
| Reverse Recovery Time (trr)       | 85ns   |
| Current - Reverse Leakage @ Vr    | 5µA @ 1000V                                  |
| Capacitance @ Vr, F               | -  |
| Mounting Type                     | Through Hole                                 |
| Package / Case                    | TO-220-2                                     |
| Supplier Device Package           | TO-220AC                                     |
| Operating Temperature - Junction  | 175°C (Max)                                  |
| <a href="#">Report errors?</a>    |  |

## STTH810D 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.

## STTH810D Payment Methods



## STTH810D Shipping Methods



If you have any question about STTH810D, please do not hesitate to contact us!

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

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