

**STTA512FP Information**


For Reference Only

**Part Number** [STTA512FP](#)  
**Manufacturer** STMicroelectronics  
**Category** Discrete Semiconductor Products  
                   [Diodes - Rectifiers - Single](#)  
**Description** DIODE GEN PURP 1.2KV 5A TO220FP  
**Package** TO-220-2 Full Pack, Isolated Tab  
 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.


**STTA512FP Specifications**

Manufacturer Part Number	<a href="#">STTA512FP</a>
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products
	<a href="#">Diodes - Rectifiers - Single</a>
Package	TO-220-2 Full Pack, Isolated Tab
Series	TURBOSWITCH?
Diode Type	Standard
Voltage - DC Reverse (Vr) (Max)	1200V
Current - Average Rectified (Io)	5A
Voltage - Forward (Vf) (Max) @ If	2.2V @ 5A
Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	95ns
Current - Reverse Leakage @ Vr	100µA @ 1200V
Capacitance @ Vr, F	-
Mounting Type	Through Hole
Package / Case	TO-220-2 Full Pack, Isolated Tab
Supplier Device Package	TO-220FPAC
Operating Temperature - Junction	150°C (Max)

[Report errors?](#)

## STTA512FP 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.

## STTA512FP Payment Methods



## STTA512FP Shipping Methods



If you have any question about STTA512FP, please do not hesitate to contact us!

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

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