

**BYT12PI-1000RG Information**


For Reference Only

**Part Number** [BYT12PI-1000RG](#)  
**Manufacturer** STMicroelectronics  
**Category** Discrete Semiconductor Products  
                   [Diodes - Rectifiers - Single](#)  
**Description** DIODE GEN PURP 1KV 12A TO220AC  
**Package** TO-220-2 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.


**BYT12PI-1000RG Specifications**

Manufacturer Part Number	<a href="#">BYT12PI-1000RG</a>
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products <a href="#">Diodes - Rectifiers - Single</a>
Package	TO-220-2 Isolated Tab
Series	-
Diode Type	Standard
Voltage - DC Reverse (Vr) (Max)	1000V
Current - Average Rectified (Io)	12A
Voltage - Forward (Vf) (Max) @ If	1.9V @ 12A
Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	155ns
Current - Reverse Leakage @ Vr	50µA @ 1000V
Capacitance @ Vr, F	-
Mounting Type	Through Hole
Package / Case	TO-220-2 Isolated Tab
Supplier Device Package	TO220AC Isolated
Operating Temperature - Junction	-40°C ~ 150°C
<a href="#">Report errors?</a>	

## BYT12PI-1000RG 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.

## BYT12PI-1000RG Payment Methods



## BYT12PI-1000RG Shipping Methods



If you have any question about BYT12PI-1000RG, please do not hesitate to contact us!

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

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