

**IXYT80N90C3 Information**


For Reference Only

**Part Number** [IXYT80N90C3](#)  
**Manufacturer** IXYS  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT 900V 165A 830W TO268  
**Package** TO-268-3, D3Pak (2 Leads + Tab), TO-268AA  
 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.


**IXYT80N90C3 Specifications**

Manufacturer Part Number	<a href="#">IXYT80N90C3</a>
Manufacturer	IXYS
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
Package	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
Series	GenX3?, XPT?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	900V
Current - Collector (Ic) (Max)	165A
Current - Collector Pulsed (Icm)	360A
Vce(on) (Max) @ Vge, Ic	2.7V @ 15V, 80A
Power - Max	830W
Switching Energy	4.3mJ (on), 1.9mJ (off)
Input Type	Standard
Gate Charge	145nC
Td (on/off) @ 25°C	34ns/90ns
Test Condition	450V, 80A, 2 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
Supplier Device Package	TO-268

[Report errors?](#)

## IXYT80N90C3 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.

## IXYT80N90C3 Payment Methods



## IXYT80N90C3 Shipping Methods



If you have any question about IXYT80N90C3, please do not hesitate to contact us!

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

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