

**IXGR50N90B2D1 Information**


For Reference Only

**Part Number** [IXGR50N90B2D1](#)  
**Manufacturer** IXYS  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT 900V 40A 100W ISOPLUS247  
**Package** ISOPLUS247?  
 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.


**IXGR50N90B2D1 Specifications**

Manufacturer Part Number	<a href="#">IXGR50N90B2D1</a>
Manufacturer	IXYS
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
Package	ISOPLUS247?
Series	HiPerFAST?
IGBT Type	NPT
Voltage - Collector Emitter Breakdown (Max)	900V
Current - Collector (Ic) (Max)	40A
Current - Collector Pulsed (Icm)	200A
Vce(on) (Max) @ Vge, Ic	2.9V @ 15V, 50A
Power - Max	100W
Switching Energy	4.7mJ (off)
Input Type	Standard
Gate Charge	135nC
Td (on/off) @ 25°C	20ns/350ns
Test Condition	720V, 50A, 5 Ohm, 15V
Reverse Recovery Time (trr)	200ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	ISOPLUS247?
Supplier Device Package	ISOPLUS247?

[Report errors?](#)

## IXGR50N90B2D1 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.

## IXGR50N90B2D1 Payment Methods



## IXGR50N90B2D1 Shipping Methods



If you have any question about IXGR50N90B2D1, please do not hesitate to contact us!

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