

IXGH12N90C Information


For Reference Only

Part Number [IXGH12N90C](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 900V 24A 100W TO247AD
Package TO-247-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


IXGH12N90C Specifications

Manufacturer Part Number	IXGH12N90C
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	HiPerFAST?, Lightspeed?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	900V
Current - Collector (Ic) (Max)	24A
Current - Collector Pulsed (Icm)	48A
Vce(on) (Max) @ Vge, Ic	3V @ 15V, 12A
Power - Max	100W
Switching Energy	320μJ (off)
Input Type	Standard
Gate Charge	33nC
Td (on/off) @ 25°C	20ns/135ns
Test Condition	720V, 12A, 22 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247AD (IXGH)

[Report errors?](#)

IXGH12N90C 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.

IXGH12N90C Payment Methods



IXGH12N90C Shipping Methods



If you have any question about IXGH12N90C, please do not hesitate to contact us!

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