

IXYH80N90C3 Information


For Reference Only

Part Number [IXYH80N90C3](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 900V 165A 830W TO247
Package TO-247-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


IXYH80N90C3 Specifications

Manufacturer Part Number	IXYH80N90C3
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
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	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247 (IXYH)

[Report errors?](#)

IXYH80N90C3 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.

IXYH80N90C3 Payment Methods



IXYH80N90C3 Shipping Methods



If you have any question about IXYH80N90C3, please do not hesitate to contact us!

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