

IXGR48N60B3D1 Information


For Reference Only

Part Number [IXGR48N60B3D1](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 60A 150W ISOPLUS247
Package ISOPLUS247?
 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.


IXGR48N60B3D1 Specifications

Manufacturer Part Number	IXGR48N60B3D1
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	ISOPLUS247?
Series	GenX3?
IGBT Type	PT
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	60A
Current - Collector Pulsed (Icm)	280A
Vce(on) (Max) @ Vge, Ic	2.1V @ 15V, 40A
Power - Max	150W
Switching Energy	840µJ (on), 660µJ (off)
Input Type	Standard
Gate Charge	115nC
Td (on/off) @ 25°C	22ns/130ns
Test Condition	480V, 30A, 5 Ohm, 15V
Reverse Recovery Time (trr)	100ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	ISOPLUS247?
Supplier Device Package	ISOPLUS247?

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IXGR48N60B3D1 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.

IXGR48N60B3D1 Payment Methods



IXGR48N60B3D1 Shipping Methods



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