

IXGR48N60C3D1 Information


For Reference Only

Part Number [IXGR48N60C3D1](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 56A 125W 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.


IXGR48N60C3D1 Specifications

Manufacturer Part Number	IXGR48N60C3D1
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)	56A
Current - Collector Pulsed (Icm)	230A
Vce(on) (Max) @ Vge, Ic	2.7V @ 15V, 30A
Power - Max	125W
Switching Energy	410μJ (on), 230μJ (off)
Input Type	Standard
Gate Charge	77nC
Td (on/off) @ 25°C	19ns/60ns
Test Condition	400V, 30A, 3 Ohm, 15V
Reverse Recovery Time (trr)	25ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	ISOPLUS247?
Supplier Device Package	ISOPLUS247?

[Report errors?](#)

IXGR48N60C3D1 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.

IXGR48N60C3D1 Payment Methods



IXGR48N60C3D1 Shipping Methods



If you have any question about IXGR48N60C3D1, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com