

IXGK50N60C2D1 Information


For Reference Only

Part Number [IXGK50N60C2D1](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 75A 480W TO264AA
Package TO-264-3, TO-264AA
 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.


IXGK50N60C2D1 Specifications

Manufacturer Part Number	IXGK50N60C2D1
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-264-3, TO-264AA
Series	HiPerFAST?
IGBT Type	PT
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	75A
Current - Collector Pulsed (Icm)	300A
Vce(on) (Max) @ Vge, Ic	2.5V @ 15V, 40A
Power - Max	480W
Switching Energy	380µJ (off)
Input Type	Standard
Gate Charge	138nC
Td (on/off) @ 25°C	18ns/115ns
Test Condition	480V, 40A, 2 Ohm, 15V
Reverse Recovery Time (trr)	35ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-264-3, TO-264AA
Supplier Device Package	TO-264 (IXGK)

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IXGK50N60C2D1 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.

IXGK50N60C2D1 Payment Methods



IXGK50N60C2D1 Shipping Methods



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