

IXGT45N120 Information


For Reference Only

Part Number [IXGT45N120](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 75A 300W TO268
Package TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
 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.


IXGT45N120 Specifications

Manufacturer Part Number	IXGT45N120
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
Series	-
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	75A
Current - Collector Pulsed (Icm)	180A
Vce(on) (Max) @ Vge, Ic	2.5V @ 15V, 45A
Power - Max	300W
Switching Energy	14mJ (off)
Input Type	Standard
Gate Charge	170nC
Td (on/off) @ 25°C	55ns/370ns
Test Condition	960V, 45A, 5 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
Supplier Device Package	TO-268

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IXGT45N120 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.

IXGT45N120 Payment Methods



IXGT45N120 Shipping Methods



If you have any question about IXGT45N120, please do not hesitate to contact us!

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