

IXGX120N120A3 Information


For Reference Only

Part Number [IXGX120N120A3](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 240A 830W PLUS247
Package TO-247-3
 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.


IXGX120N120A3 Specifications

Manufacturer Part Number	IXGX120N120A3
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	GenX3?
IGBT Type	PT
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	240A
Current - Collector Pulsed (Icm)	600A
Vce(on) (Max) @ Vge, Ic	2.2V @ 15V, 100A
Power - Max	830W
Switching Energy	10mJ (on), 33mJ (off)
Input Type	Standard
Gate Charge	420nC
Td (on/off) @ 25°C	40ns/490ns
Test Condition	960V, 100A, 1 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	PLUS247?-3

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IXGX120N120A3 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.

IXGX120N120A3 Payment Methods



IXGX120N120A3 Shipping Methods



If you have any question about IXGX120N120A3, please do not hesitate to contact us!

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