

IXGH40N120C3D1 Information


For Reference Only

Part Number [IXGH40N120C3D1](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 75A 380W TO247
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.


IXGH40N120C3D1 Specifications

Manufacturer Part Number	IXGH40N120C3D1
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)	75A
Current - Collector Pulsed (Icm)	180A
Vce(on) (Max) @ Vge, Ic	4.4V @ 15V, 30A
Power - Max	380W
Switching Energy	1.8mJ (on), 550µJ (off)
Input Type	Standard
Gate Charge	142nC
Td (on/off) @ 25°C	17ns/130ns
Test Condition	600V, 30A, 3 Ohm, 15V
Reverse Recovery Time (trr)	100ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247AD (IXGH)

[Report errors?](#)

IXGH40N120C3D1 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.

IXGH40N120C3D1 Payment Methods



IXGH40N120C3D1 Shipping Methods



If you have any question about IXGH40N120C3D1, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com