

IXYR50N120C3D1 Information


For Reference Only

Part Number [IXYR50N120C3D1](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 56A 290W ISOPLUS247
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.


IXYR50N120C3D1 Specifications

Manufacturer Part Number	IXYR50N120C3D1
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	GenX3?, XPT?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	56A
Current - Collector Pulsed (Icm)	210A
Vce(on) (Max) @ Vge, Ic	4V @ 15V, 50A
Power - Max	290W
Switching Energy	3mJ (on), 1mJ (off)
Input Type	Standard
Gate Charge	142nC
Td (on/off) @ 25°C	28ns/133ns
Test Condition	600V, 50A, 5 Ohm, 15V
Reverse Recovery Time (trr)	195ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	ISOPLUS247?

[Report errors?](#)

IXYR50N120C3D1 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.

IXYR50N120C3D1 Payment Methods



IXYR50N120C3D1 Shipping Methods



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