

IXYN50N170CV1 Information


For Reference Only

Part Number [IXYN50N170CV1](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1700V 120A SOT227B
Package SOT-227-4, miniBLOC
 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.


IXYN50N170CV1 Specifications

Manufacturer Part Number	IXYN50N170CV1
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	SOT-227-4, miniBLOC
Series	XPT?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	1700V
Current - Collector (Ic) (Max)	120A
Current - Collector Pulsed (Icm)	485A
Vce(on) (Max) @ Vge, Ic	3.7V @ 15V, 50A
Power - Max	880W
Switching Energy	8.7mJ (on), 5.6mJ (off)
Input Type	Standard
Gate Charge	260nC
Td (on/off) @ 25°C	22ns/236ns
Test Condition	850V, 50A, 1 Ohm, 15V
Reverse Recovery Time (trr)	255ns
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Chassis Mount
Package / Case	SOT-227-4, miniBLOC
Supplier Device Package	SOT-227B
Report errors?	

IXYN50N170CV1 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.

IXYN50N170CV1 Payment Methods



IXYN50N170CV1 Shipping Methods



If you have any question about IXYN50N170CV1, please do not hesitate to contact us!

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