

**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](mailto: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	<a href="#">IXYN50N170CV1</a>
Manufacturer	IXYS
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
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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