

**IXGT28N120BD1 Information**


For Reference Only

**Part Number** [IXGT28N120BD1](#)  
**Manufacturer** IXYS  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT 1200V 50A 250W TO268  
**Package** TO-268-3, D3Pak (2 Leads + Tab), TO-268AA  
 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.


**IXGT28N120BD1 Specifications**

Manufacturer Part Number	<a href="#">IXGT28N120BD1</a>
Manufacturer	IXYS
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
Package	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
Series	-
IGBT Type	PT
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	50A
Current - Collector Pulsed (Icm)	150A
Vce(on) (Max) @ Vge, Ic	3.5V @ 15V, 28A
Power - Max	250W
Switching Energy	2.2mJ (off)
Input Type	Standard
Gate Charge	92nC
Td (on/off) @ 25°C	30ns/210ns
Test Condition	960V, 28A, 5 Ohm, 15V
Reverse Recovery Time (trr)	40ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
Supplier Device Package	TO-268

[Report errors?](#)

## IXGT28N120BD1 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.

## IXGT28N120BD1 Payment Methods



## IXGT28N120BD1 Shipping Methods



If you have any question about IXGT28N120BD1, please do not hesitate to contact us!

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