

**IXGT6N170AHV Information**


For Reference Only

**Part Number** [IXGT6N170AHV](#)  
**Manufacturer** IXYS  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT 1700V 6A 75W 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.


**IXGT6N170AHV Specifications**

Manufacturer Part Number	<a href="#">IXGT6N170AHV</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	-
Voltage - Collector Emitter Breakdown (Max)	1700V
Current - Collector (Ic) (Max)	6A
Current - Collector Pulsed (Icm)	14A
Vce(on) (Max) @ Vge, Ic	7V @ 15V, 3A
Power - Max	75W
Switching Energy	590µJ (on), 180µJ (off)
Input Type	Standard
Gate Charge	18.5nC
Td (on/off) @ 25°C	46ns/220ns
Test Condition	850V, 6A, 33 Ohm, 15V
Reverse Recovery Time (trr)	-
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?](#)

## IXGT6N170AHV 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.

## IXGT6N170AHV Payment Methods



## IXGT6N170AHV Shipping Methods



If you have any question about IXGT6N170AHV, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)