

IXGT6N170 Information


For Reference Only

Part Number [IXGT6N170](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1700V 12A 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


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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.


IXGT6N170 Specifications

Manufacturer Part Number	IXGT6N170
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
Series	-
IGBT Type	NPT
Voltage - Collector Emitter Breakdown (Max)	1700V
Current - Collector (Ic) (Max)	12A
Current - Collector Pulsed (Icm)	24A
Vce(on) (Max) @ Vge, Ic	4V @ 15V, 6A
Power - Max	75W
Switching Energy	1.5mJ (off)
Input Type	Standard
Gate Charge	20nC
Td (on/off) @ 25°C	40ns/250ns
Test Condition	1360V, 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

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IXGT6N170 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.

IXGT6N170 Payment Methods



IXGT6N170 Shipping Methods



If you have any question about IXGT6N170, please do not hesitate to contact us!

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