

IXGH24N170AH1 Information


For Reference Only

Part Number [IXGH24N170AH1](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1700V 24A 250W TO247AD
Package TO-247-3
 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.


IXGH24N170AH1 Specifications

Manufacturer Part Number	IXGH24N170AH1
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	-
IGBT Type	NPT
Voltage - Collector Emitter Breakdown (Max)	1700V
Current - Collector (Ic) (Max)	24A
Current - Collector Pulsed (Icm)	75A
Vce(on) (Max) @ Vge, Ic	6V @ 15V, 16A
Power - Max	250W
Switching Energy	2.97mJ (on), 790µJ (off)
Input Type	Standard
Gate Charge	140nC
Td (on/off) @ 25°C	21ns/336ns
Test Condition	850V, 24A, 10 Ohm, 15V
Reverse Recovery Time (trr)	200ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247AD (IXGH)

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IXGH24N170AH1 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.

IXGH24N170AH1 Payment Methods



IXGH24N170AH1 Shipping Methods



If you have any question about IXGH24N170AH1, please do not hesitate to contact us!

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