

IXBH42N170 Information


For Reference Only

Part Number [IXBH42N170](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1700V 80A 360W TO247
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.


IXBH42N170 Specifications

Manufacturer Part Number	IXBH42N170
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	BIMOSFET?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	1700V
Current - Collector (Ic) (Max)	80A
Current - Collector Pulsed (Icm)	300A
Vce(on) (Max) @ Vge, Ic	2.8V @ 15V, 42A
Power - Max	360W
Switching Energy	-
Input Type	Standard
Gate Charge	188nC
Td (on/off) @ 25°C	-
Test Condition	-
Reverse Recovery Time (trr)	1.32µs
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247AD (IXBH)

[Report errors?](#)

IXBH42N170 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.

IXBH42N170 Payment Methods



IXBH42N170 Shipping Methods



If you have any question about IXBH42N170, please do not hesitate to contact us!

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