

IXBH42N170A Information


For Reference Only

Part Number [IXBH42N170A](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1700V 42A 357W 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.


IXBH42N170A Specifications

Manufacturer Part Number	IXBH42N170A
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)	42A
Current - Collector Pulsed (Icm)	265A
Vce(on) (Max) @ Vge, Ic	6V @ 15V, 21A
Power - Max	357W
Switching Energy	3.43mJ (on), 430µJ (off)
Input Type	Standard
Gate Charge	188nC
Td (on/off) @ 25°C	19ns/200ns
Test Condition	850V, 21A, 1 Ohm, 15V
Reverse Recovery Time (trr)	330ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247AD (IXBH)

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IXBH42N170A 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.

IXBH42N170A Payment Methods



IXBH42N170A Shipping Methods



If you have any question about IXBH42N170A, please do not hesitate to contact us!

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