

IXBT12N300 Information


For Reference Only

Part Number [IXBT12N300](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 3000V 30A 160W 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


[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.


IXBT12N300 Specifications

Manufacturer Part Number	IXBT12N300
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-268-3, D3Pak (2 Leads + Tab), TO-268AA
Series	BIMOSFET?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	3000V
Current - Collector (Ic) (Max)	30A
Current - Collector Pulsed (Icm)	100A
Vce(on) (Max) @ Vge, Ic	3.2V @ 15V, 12A
Power - Max	160W
Switching Energy	-
Input Type	Standard
Gate Charge	62nC
Td (on/off) @ 25°C	-
Test Condition	-
Reverse Recovery Time (trr)	1.4µs
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?](#)

IXBT12N300 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.

IXBT12N300 Payment Methods



IXBT12N300 Shipping Methods



If you have any question about IXBT12N300, please do not hesitate to contact us!

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