

IXGA48N60A3 Information


For Reference Only

Part Number [IXGA48N60A3](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 120A 300W TO263AA
Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
 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.


IXGA48N60A3 Specifications

Manufacturer Part Number	IXGA48N60A3
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	GenX3?
IGBT Type	PT
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	120A
Current - Collector Pulsed (Icm)	300A
Vce(on) (Max) @ Vge, Ic	1.35V @ 15V, 32A
Power - Max	300W
Switching Energy	950µJ (on), 2.9mJ (off)
Input Type	Standard
Gate Charge	110nC
Td (on/off) @ 25°C	25ns/334ns
Test Condition	480V, 32A, 5 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Supplier Device Package	TO-263 (IXGA)

[Report errors?](#)

IXGA48N60A3 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.

IXGA48N60A3 Payment Methods



IXGA48N60A3 Shipping Methods



If you have any question about IXGA48N60A3, please do not hesitate to contact us!

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