

IXXK300N60B3 Information


For Reference Only

Part Number [IXXK300N60B3](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 550A 2300W TO264
Package TO-264-3, TO-264AA
 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.


IXXK300N60B3 Specifications

Manufacturer Part Number	IXXK300N60B3
Manufacturer	IXYS
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-264-3, TO-264AA
Series	GenX3?, XPT?
IGBT Type	PT
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	550A
Current - Collector Pulsed (Icm)	1140A
Vce(on) (Max) @ Vge, Ic	1.6V @ 15V, 100A
Power - Max	2300W
Switching Energy	3.45mJ (on), 2.86mJ (off)
Input Type	Standard
Gate Charge	460nC
Td (on/off) @ 25°C	50ns/190ns
Test Condition	400V, 100A, 1 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-264-3, TO-264AA
Supplier Device Package	TO-264 (IXXK)

[Report errors?](#)

IXXK300N60B3 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.

IXXK300N60B3 Payment Methods



IXXK300N60B3 Shipping Methods



If you have any question about IXXK300N60B3, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com