

IKP06N60TXKSA1 Information


For Reference Only

Part Number [IKP06N60TXKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 12A 88W TO220-3
Package TO-220-3
 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.


IKP06N60TXKSA1 Specifications

Manufacturer Part Number	IKP06N60TXKSA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-220-3
Series	TrenchStop?
IGBT Type	Trench Field Stop
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	12A
Current - Collector Pulsed (Icm)	18A
Vce(on) (Max) @ Vge, Ic	2.05V @ 15V, 6A
Power - Max	88W
Switching Energy	200μJ
Input Type	Standard
Gate Charge	42nC
Td (on/off) @ 25°C	9ns/130ns
Test Condition	400V, 6A, 23 Ohm, 15V
Reverse Recovery Time (trr)	123ns
Operating Temperature	-40°C ~ 175°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3
Supplier Device Package	PG-TO220-3
Report errors?	

IKP06N60TXKSA1 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.

IKP06N60TXKSA1 Payment Methods



IKP06N60TXKSA1 Shipping Methods



If you have any question about IKP06N60TXKSA1, please do not hesitate to contact us!

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