

SGP06N60XKSA1 Information


For Reference Only

Part Number [SGP06N60XKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 12A 68W 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.


SGP06N60XKSA1 Specifications

Manufacturer Part Number	SGP06N60XKSA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-220-3
Series	-
IGBT Type	NPT
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	12A
Current - Collector Pulsed (Icm)	24A
Vce(on) (Max) @ Vge, Ic	2.4V @ 15V, 6A
Power - Max	68W
Switching Energy	215µJ
Input Type	Standard
Gate Charge	32nC
Td (on/off) @ 25°C	25ns/220ns
Test Condition	400V, 6A, 50 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3
Supplier Device Package	PG-TO220-3

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SGP06N60XKSA1 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.

SGP06N60XKSA1 Payment Methods



SGP06N60XKSA1 Shipping Methods



If you have any question about SGP06N60XKSA1, please do not hesitate to contact us!

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