

SPP21N50C3HKSA1 Information


For Reference Only

Part Number [SPP21N50C3HKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 560V 21A TO-220AB
Package TO-220-3
 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.


SPP21N50C3HKSA1 Specifications

Manufacturer Part Number	SPP21N50C3HKSA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	CoolMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vds)	560V
Current - Continuous Drain (Id) @ 25°C	21A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.9V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	95nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2400pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	208W (Tc)
Rds On (Max) @ Id, Vgs	190 mOhm @ 13.1A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	PG-TO220-3-1
Package / Case	TO-220-3

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SPP21N50C3HKSA1 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.

SPP21N50C3HKSA1 Payment Methods



SPP21N50C3HKSA1 Shipping Methods



If you have any question about SPP21N50C3HKSA1, please do not hesitate to contact us!

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