

SPA16N50C3 Information


For Reference Only

Part Number SPA16N50C3
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 560V 16A TO220FP
Package TO-220-3 Full Pack
 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.


SPA16N50C3 Specifications

Manufacturer Part Number	SPA16N50C3
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3 Full Pack
Series	CoolMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	560V
Current - Continuous Drain (Id) @ 25°C	16A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.9V @ 675µA
Gate Charge (Qg) (Max) @ Vgs	66nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1600pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	34W (Tc)
Rds On (Max) @ Id, Vgs	280 mOhm @ 10A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	PG-TO220-3
Package / Case	TO-220-3 Full Pack

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SPA16N50C3 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.

SPA16N50C3 Payment Methods



SPA16N50C3 Shipping Methods



If you have any question about SPA16N50C3, please do not hesitate to contact us!

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