

SPI12N50C3XKSA1 Information


For Reference Only

Part Number [SPI12N50C3XKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 560V 11.6A TO-262
Package TO-262-3 Long Leads, I2Pak, TO-262AA
 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.


SPI12N50C3XKSA1 Specifications

Manufacturer Part Number	SPI12N50C3XKSA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-262-3 Long Leads, I2Pak, TO-262AA
Series	CoolMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	560V
Current - Continuous Drain (Id) @ 25°C	11.6A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.9V @ 500µA
Gate Charge (Qg) (Max) @ Vgs	49nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1200pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	125W (Tc)
Rds On (Max) @ Id, Vgs	380 mOhm @ 7A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	PG-TO262-3-1
Package / Case	TO-262-3 Long Leads, I2Pak, TO-262AA

[Report errors?](#)

SPI12N50C3XKSA1 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.

SPI12N50C3XKSA1 Payment Methods



SPI12N50C3XKSA1 Shipping Methods



If you have any question about SPI12N50C3XKSA1, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com