

SPP16N50C3XKSA1

SPP16N50C3XKSA1 Information



For Reference Only

Part Number SPP16N50C3XKSA1 **Manufacturer** Infineon Technologies

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 560V 16A TO-220AB

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.









SPP16N50C3XKSA1 Specifications

| Manufacturer Part Number | SPP16N50C3XKSA1 |
|--|--------------------------------------|
| 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) | 160W (Tc) |
| Rds On (Max) @ Id, Vgs | 280 mOhm @ 10A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-220-3 |
| Package / Case | TO-220-3 Full Pack |
| | Report errors? |

SPP16N50C3XKSA1 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.

SPP16N50C3XKSA1 Payment Methods



















SPP16N50C3XKSA1 Shipping Methods













If you have any question about SPP16N50C3XKSA1, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com