

STP11NK50ZFP Information


For Reference Only

Part Number [STP11NK50ZFP](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 500V 10A TO-220FP
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


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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.


STP11NK50ZFP Specifications

| | |
|----------------------------------------|-----------------------------------------------------------------------------------------|
| Manufacturer Part Number | STP11NK50ZFP |
| Manufacturer | STMicroelectronics |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | TO-220-3 Full Pack |
| Series | SuperMESH? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 500V |
| Current - Continuous Drain (Id) @ 25°C | 10A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 4.5V @ 100µA |
| Gate Charge (Qg) (Max) @ Vgs | 68nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 1390pF @ 25V |
| Vgs (Max) | ±30V |
| FET Feature | - |
| Power Dissipation (Max) | 30W (Tc) |
| Rds On (Max) @ Id, Vgs | 520 mOhm @ 4.5A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-220FP |
| Package / Case | TO-220-3 Full Pack |

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STP11NK50ZFP 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.

STP11NK50ZFP Payment Methods



STP11NK50ZFP Shipping Methods



If you have any question about STP11NK50ZFP, please do not hesitate to contact us!

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