



STD4NK50ZT4 Information



For Reference Only

Part Number STD4NK50ZT4

Manufacturer STMicroelectronics

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 500V 3A DPAK

Package TO-252-3, DPak (2 Leads + Tab), SC-63

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.









STD4NK50ZT4 Specifications

| Manufacturer Part Number | STD4NK50ZT4 |
|--|---------------------------------------|
| Manufacturer | STMicroelectronics |
| Category | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| Package | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| Series | SuperMESH? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 500V |
| Current - Continuous Drain (Id) @ 25°C | 3A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 4.5V @ 50μA |
| Gate Charge (Qg) (Max) @ Vgs | 12nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 310pF @ 25V |
| Vgs (Max) | ±30V |
| FET Feature | - |
| Power Dissipation (Max) | 45W (Tc) |
| Rds On (Max) @ Id, Vgs | 2.7 Ohm @ 1.5A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | D-Pak |
| Package / Case | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| | Report errors? |

STD4NK50ZT4 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.

STD4NK50ZT4 Payment Methods





















STD4NK50ZT4 Shipping Methods













If you have any question about STD4NK50ZT4, please do not hesitate to contact us!

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