# STD5N95K5

## STD5N95K5 Information

For Reference Only

**Part Number** STD5N95K5
**Manufacturer** STMicroelectronics
**Category** Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
**Description** MOSFET N-CH 950V 3.5A 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.

## STD5N95K5 Specifications

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|---|---|
| Manufacturer Part Number | STD5N95K5 |
| Manufacturer | STMicroelectronics |
| Category | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| Package | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| Series | SuperMESH5? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 950V |
| Current - Continuous Drain (Id) @ 25°C | 3.5A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 5V @ 100µA |
| Gate Charge (Qg) (Max) @ Vgs | 12.5nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 220pF @ 100V |
| Vgs (Max) | 30V |
| FET Feature | - |
| Power Dissipation (Max) | 70W (Tc) |
| Rds On (Max) @ Id, Vgs | 2.5 Ohm @ 1.5A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | DPAK |
| Package / Case | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| | Report errors? |

## STD5N95K5 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.

## STD5N95K5 Payment Methods

## STD5N95K5 Shipping Methods

If you have any question about STD5N95K5, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com