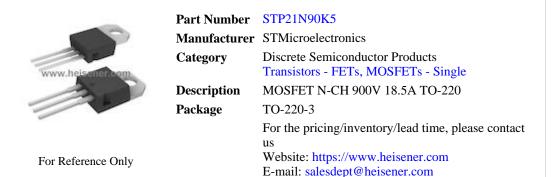


STP21N90K5

STP21N90K5 Information





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.



STP21N90K5 Specifications

| Manufacturer Part Number | STP21N90K5 |
|--|--------------------------------------|
| Manufacturer | STMicroelectronics |
| Category | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| Package | TO-220-3 |
| Series | SuperMESH5? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 900V |
| Current - Continuous Drain (Id) @ 25°C | 18.5A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 5V @ 100µA |
| Gate Charge (Qg) (Max) @ Vgs | 43nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 1645pF @ 100V |
| Vgs (Max) | ±30V |
| FET Feature | Current Sensing |
| Power Dissipation (Max) | 250W (Tc) |
| Rds On (Max) @ Id, Vgs | 299 mOhm @ 9A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | ТО-220-3 |
| Package / Case | ТО-220-3 |
| | Report errors? |

STP21N90K5 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 EUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

STP21N90K5 Payment Methods



STP21N90K5 Shipping Methods



If you have any question about STP21N90K5, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com