



STP75NF75FP Information



For Reference Only

Part Number STP75NF75FP
Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 75V 80A 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



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.









STP75NF75FP Specifications

| Manufacturer Part Number | STP75NF75FP |
|--|--------------------------------------|
| Manufacturer | STMicroelectronics |
| Category | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| Package | TO-220-3 Full Pack |
| Series | STripFET? II |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 75V |
| Current - Continuous Drain (Id) @ 25°C | 80A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 4V @ 250μA |
| Gate Charge (Qg) (Max) @ Vgs | 160nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 3700pF @ 25V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 45W (Tc) |
| Rds On (Max) @ Id, Vgs | 11 mOhm @ 40A, 10V |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-220FP |
| Package / Case | TO-220-3 Full Pack |
| | Report errors? |

STP75NF75FP 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.

STP75NF75FP Payment Methods



















STP75NF75FP Shipping Methods













If you have any question about STP75NF75FP, please do not hesitate to contact us!

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