



STU7N105K5 Information



For Reference Only

Part Number STU7N105K5

Manufacturer STMicroelectronics

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 1050V 4A IPAK

Package TO-251-3 Short Leads, IPak, TO-251AA

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.









STU7N105K5 Specifications

| Manufacturer Part Number | STU7N105K5 |
|--|--------------------------------------|
| Manufacturer | STMicroelectronics |
| Category | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| Package | TO-251-3 Short Leads, IPak, TO-251AA |
| Series | SuperMESH5? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 1050V |
| Current - Continuous Drain (Id) @ 25°C | 4A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 5V @ 100μA |
| Gate Charge (Qg) (Max) @ Vgs | 17nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 380pF @ 100V |
| Vgs (Max) | ±30V |
| FET Feature | - |
| Power Dissipation (Max) | 110W (Tc) |
| Rds On (Max) @ Id, Vgs | 2 Ohm @ 2A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | IPAK (TO-251) |
| Package / Case | TO-251-3 Short Leads, IPak, TO-251AA |
| | Report errors? |

STU7N105K5 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.

STU7N105K5 Payment Methods



















STU7N105K5 Shipping Methods













If you have any question about STU7N105K5, please do not hesitate to contact us!

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