



STU4N52K3 Information



For Reference Only

Part Number STU4N52K3

Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 525V 2.5A 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.









STU4N52K3 Specifications

Manufacturer Part Number	STU4N52K3
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-251-3 Short Leads, IPak, TO-251AA
Series	SuperMESH3?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	525V
Current - Continuous Drain (Id) @ 25°C	2.5A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4.5V @ 50μA
Gate Charge (Qg) (Max) @ Vgs	11nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	334pF @ 100V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	45W (Tc)
Rds On (Max) @ Id, Vgs	2.6 Ohm @ 1.25A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	I-Pak
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
	Report errors?

STU4N52K3 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.

STU4N52K3 Payment Methods

































If you have any question about STU4N52K3, please do not hesitate to contact us!

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