

STV160NF03LT4 Information


For Reference Only

Part Number [STV160NF03LT4](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 160A POWERSO-10
Package PowerSO-10 Exposed Bottom Pad
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


STV160NF03LT4 Specifications

Manufacturer Part Number	STV160NF03LT4
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	PowerSO-10 Exposed Bottom Pad
Series	STripFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	160A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	5V, 10V
Vgs(th) (Max) @ Id	1V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	140nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4700pF @ 25V
Vgs (Max)	±15V
FET Feature	-
Power Dissipation (Max)	210W (Tc)
Rds On (Max) @ Id, Vgs	2.8 mOhm @ 80A, 10V
Operating Temperature	175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	10-PowerSO
Package / Case	PowerSO-10 Exposed Bottom Pad

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STV160NF03LT4 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.

STV160NF03LT4 Payment Methods



STV160NF03LT4 Shipping Methods



If you have any question about STV160NF03LT4, please do not hesitate to contact us!

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