

PHK31NQ03LT,518 Information


For Reference Only

Part Number [PHK31NQ03LT,518](#)
Manufacturer Nexperia USA Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 30.4A 8-SOIC
Package 8-SOIC (0.154", 3.90mm Width)
 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.


PHK31NQ03LT,518 Specifications

Manufacturer Part Number	PHK31NQ03LT,518
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-SOIC (0.154", 3.90mm Width)
Series	TrenchMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	30.4A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.15V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	33nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	4235pF @ 12V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	6.9W (Tc)
Rds On (Max) @ Id, Vgs	4.4 mOhm @ 25A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-SO
Package / Case	8-SOIC (0.154", 3.90mm Width)

[Report errors?](#)

PHK31NQ03LT,518 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.

PHK31NQ03LT,518 Payment Methods



PHK31NQ03LT,518 Shipping Methods



If you have any question about PHK31NQ03LT,518, please do not hesitate to contact us!

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