

NILMS4501NR2 Information


For Reference Only

Part Number [NILMS4501NR2](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 24V 9.5A 4-LLP
Package 4-DFN
 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.


NILMS4501NR2 Specifications

Manufacturer Part Number	NILMS4501NR2
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	4-DFN
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	24V
Current - Continuous Drain (Id) @ 25°C	9.5A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	25nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1500pF @ 6V
Vgs (Max)	±10V
FET Feature	Current Sensing
Power Dissipation (Max)	1.4W (Ta)
Rds On (Max) @ Id, Vgs	13 mOhm @ 6A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	4-PLLP
Package / Case	4-DFN

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NILMS4501NR2 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.

NILMS4501NR2 Payment Methods



NILMS4501NR2 Shipping Methods



If you have any question about NILMS4501NR2, please do not hesitate to contact us!

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