

NIF9N05CLT3 Information


For Reference Only

Part Number [NIF9N05CLT3](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 52V 2.6A SOT223
Package TO-261-4, TO-261AA
 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.


NIF9N05CLT3 Specifications

Manufacturer Part Number	NIF9N05CLT3
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-261-4, TO-261AA
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	52V
Current - Continuous Drain (Id) @ 25°C	2.6A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	3V, 10V
Vgs(th) (Max) @ Id	2.5V @ 100µA
Gate Charge (Qg) (Max) @ Vgs	7nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	250pF @ 35V
Vgs (Max)	±15V
FET Feature	-
Power Dissipation (Max)	1.69W (Ta)
Rds On (Max) @ Id, Vgs	125 mOhm @ 2.6A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	SOT-223
Package / Case	TO-261-4, TO-261AA

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NIF9N05CLT3 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.

NIF9N05CLT3 Payment Methods



NIF9N05CLT3 Shipping Methods



If you have any question about NIF9N05CLT3, please do not hesitate to contact us!

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