

NTP125N02RG Information


For Reference Only

Part Number [NTP125N02RG](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 24V 15.9A TO220AB
Package TO-220-3
 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.


NTP125N02RG Specifications

Manufacturer Part Number	NTP125N02RG
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vds)	24V
Current - Continuous Drain (Id) @ 25°C	15.9A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	28nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	3440pF @ 20V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1.98W (Ta), 113.6W (Tc)
Rds On (Max) @ Id, Vgs	4.6 mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3

[Report errors?](#)

NTP125N02RG 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.

NTP125N02RG Payment Methods



NTP125N02RG Shipping Methods



If you have any question about NTP125N02RG, please do not hesitate to contact us!

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