

NTD50N03R-1G Information


For Reference Only

Part Number [NTD50N03R-1G](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 25V 7.8A IPAK
Package TO-251-3 Stub Leads, IPak
 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.


NTD50N03R-1G Specifications

Manufacturer Part Number	NTD50N03R-1G
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-251-3 Stub Leads, IPak
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	25V
Current - Continuous Drain (Id) @ 25°C	7.8A (Ta), 45A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 11.5V
Vgs(th) (Max) @ Id	2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	15nC @ 11.5V
Input Capacitance (Ciss) (Max) @ Vds	750pF @ 12V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1.5W (Ta), 50W (Tc)
Rds On (Max) @ Id, Vgs	12 mOhm @ 30A, 11.5V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	I-Pak
Package / Case	TO-251-3 Stub Leads, IPak

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NTD50N03R-1G 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.

NTD50N03R-1G Payment Methods



NTD50N03R-1G Shipping Methods



If you have any question about NTD50N03R-1G, please do not hesitate to contact us!

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