

NTD85N02R-001 Information


For Reference Only

Part Number [NTD85N02R-001](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 24V 12A IPAK
Package TO-251-3 Short Leads, IPak, TO-251AA
 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.


NTD85N02R-001 Specifications

Manufacturer Part Number	NTD85N02R-001
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-251-3 Short Leads, IPak, TO-251AA
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	24V
Current - Continuous Drain (Id) @ 25°C	12A (Ta), 85A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	17.7nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	2050pF @ 20V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1.25W (Ta), 78.1W (Tc)
Rds On (Max) @ Id, Vgs	5.2 mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	I-Pak
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA

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NTD85N02R-001 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.

NTD85N02R-001 Payment Methods



NTD85N02R-001 Shipping Methods



If you have any question about NTD85N02R-001, please do not hesitate to contact us!

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