

NTD3817N-1G Information


For Reference Only

Part Number [NTD3817N-1G](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 16V 7.6A 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.


NTD3817N-1G Specifications

Manufacturer Part Number	NTD3817N-1G
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)	16V
Current - Continuous Drain (Id) @ 25°C	7.6A (Ta), 34.5A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	10.5nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	702pF @ 12V
Vgs (Max)	±16V
FET Feature	-
Power Dissipation (Max)	1.2W (Ta), 25.9W (Tc)
Rds On (Max) @ Id, Vgs	13.9 mOhm @ 15A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	I-Pak
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA

[Report errors?](#)

NTD3817N-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.

NTD3817N-1G Payment Methods



NTD3817N-1G Shipping Methods



If you have any question about NTD3817N-1G, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com