



#### NTD3808NT4G Information



For Reference Only

Part Number NTD3808NT4G
Manufacturer ON Semiconductor

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 16V 12A DPAK

Package TO-252-3, DPak (2 Leads + Tab), SC-63

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.









### NTD3808NT4G Specifications

Manufacturer Part Number	NTD3808NT4G
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	16V
Current - Continuous Drain (Id) @ 25°C	12A (Ta), 76A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.5V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	21nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	1660pF @ 12V
Vgs (Max)	±16V
FET Feature	-
Power Dissipation (Max)	1.3W (Ta), 52W (Tc)
Rds On (Max) @ Id, Vgs	5.8 mOhm @ 15A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	DPAK
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Report errors?

#### NTD3808NT4G 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.

# NTD3808NT4G Payment Methods



















## NTD3808NT4G Shipping Methods













If you have any question about NTD3808NT4G, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com