

**NTHD3102CT1G Information**


For Reference Only

**Part Number** [NTHD3102CT1G](#)  
**Manufacturer** ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET N/P-CH 20V 4A/3.1A 1206A  
**Package** 8-SMD, Flat Lead  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**NTHD3102CT1G Specifications**

Manufacturer Part Number	<a href="#">NTHD3102CT1G</a>
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	8-SMD, Flat Lead
Series	-
FET Type	N and P-Channel
FET Feature	Logic Level Gate
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	4A, 3.1A
Rds On (Max) @ Id, Vgs	45 mOhm @ 4.4A, 4.5V
Vgs(th) (Max) @ Id	1.2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	7.9nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	510pF @ 10V
Power - Max	1.1W
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	8-SMD, Flat Lead
Supplier Device Package	ChipFET?

[Report errors?](#)

## NTHD3102CT1G 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.

## NTHD3102CT1G Payment Methods



## NTHD3102CT1G Shipping Methods



If you have any question about NTHD3102CT1G, please do not hesitate to contact us!

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