

## NIF5003NT1 Information



For Reference Only

**Part Number** [NIF5003NT1](#)  
**Manufacturer** ON Semiconductor  
**Category** Integrated Circuits (ICs)  
[PMIC - Power Distribution Switches, Load Drivers](#)  
**Description** MOSFET N-CH 42V 14A SOT223  
**Package** TO-261-4, TO-261AA  
 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.



## NIF5003NT1 Specifications

Manufacturer Part Number	<a href="#">NIF5003NT1</a>
Manufacturer	ON Semiconductor
Category	Integrated Circuits (ICs) <a href="#">PMIC - Power Distribution Switches, Load Drivers</a>
Package	TO-261-4, TO-261AA
Series	HDPlus?
Switch Type	General Purpose
Number of Outputs	1
Ratio - Input:Output	1:1
Output Configuration	Low Side
Output Type	N-Channel
Interface	On/Off
Voltage - Load	42V (Max)
Voltage - Supply (Vcc/Vdd)	Not Required
Current - Output (Max)	14A
Rds On (Typ)	53 mOhm
Input Type	Non-Inverting
Features	Auto Restart, Slew Rate Controlled
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case	TO-261-4, TO-261AA
Supplier Device Package	SOT-223

[Report errors?](#)

## NIF5003NT1 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.

## NIF5003NT1 Payment Methods



## NIF5003NT1 Shipping Methods



If you have any question about NIF5003NT1, please do not hesitate to contact us!

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