

NIF5003NT1G Information


For Reference Only

Part Number [NIF5003NT1G](#)
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)
[PMIC - Power Distribution Switches, Load Drivers](#)
Description MOSFET N-CH HD+ 14A 42V 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


[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.


NIF5003NT1G Specifications

| | |
|----------------------------|---|
| Manufacturer Part Number | NIF5003NT1G |
| Manufacturer | ON Semiconductor |
| Category | Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers |
| 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?](#)

NIF5003NT1G 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.

NIF5003NT1G Payment Methods



NIF5003NT1G Shipping Methods



If you have any question about NIF5003NT1G, please do not hesitate to contact us!

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