

NVD5890NT4G-VF01 Information


For Reference Only

Part Number [NVD5890NT4G-VF01](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 40V 100A 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.


NVD5890NT4G-VF01 Specifications

Manufacturer Part Number	NVD5890NT4G-VF01
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 (Vds)	40V
Current - Continuous Drain (Id) @ 25°C	24A (Ta), 123A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	100nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4760pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	4W (Ta), 107W (Tc)
Rds On (Max) @ Id, Vgs	3.7 mOhm @ 50A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	DPAK-3
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63

[Report errors?](#)

NVD5890NT4G-VF01 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.

NVD5890NT4G-VF01 Payment Methods



NVD5890NT4G-VF01 Shipping Methods



If you have any question about NVD5890NT4G-VF01, please do not hesitate to contact us!

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