

NTTFS5C453NLTWG Information


For Reference Only

Part Number [NTTFS5C453NLTWG](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 40V 23A 8WDFN
Package 8-PowerWDFN
 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.


NTTFS5C453NLTWG Specifications

Manufacturer Part Number	NTTFS5C453NLTWG
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerWDFN
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	23A (Ta), 107A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2V @ 63µA
Gate Charge (Qg) (Max) @ Vgs	4nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	2100pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	3.3W (Ta), 68W (Tc)
Rds On (Max) @ Id, Vgs	3 mOhm @ 40A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-WDFN (3.3x3.3)
Package / Case	8-PowerWDFN

[Report errors?](#)

NTTFS5C453NLTWG 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.

NTTFS5C453NLTWG Payment Methods



NTTFS5C453NLTWG Shipping Methods



If you have any question about NTTFS5C453NLTWG, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com