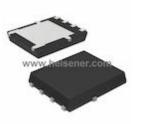


NTMFS5C442NLT1G

NTMFS5C442NLT1G Information



For Reference Only

Part Number NTMFS5C442NLT1G Manufacturer ON Semiconductor

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 40V 25A SO8FL

Package 8-PowerTDFN

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.









NTMFS5C442NLT1G Specifications

Manufacturer Part Number	NTMFS5C442NLT1G
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerTDFN
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	27A (Ta), 130A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	50nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3100pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	3.1W (Ta), 69W (Tc)
Rds On (Max) @ Id, Vgs	2.8 mOhm @ 50A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	5-DFN (5x6) (8-SOFL)
Package / Case	8-PowerTDFN
	Report errors?

NTMFS5C442NLT1G 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.

NTMFS5C442NLT1G Payment Methods



















NTMFS5C442NLT1G Shipping Methods













If you have any question about NTMFS5C442NLT1G, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com