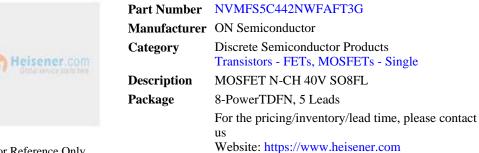


# NVMFS5C442NWFAFT3G

### NVMFS5C442NWFAFT3G Information





Request a Quote

For Reference Only

# **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.



## NVMFS5C442NWFAFT3G Specifications

Manufacturer Part Number	NVMFS5C442NWFAFT3G
Manufacturer	ON Semiconductor
	Discrete Semiconductor Products
Category	
	Transistors - FETs, MOSFETs - Single
Package	8-PowerTDFN, 5 Leads
Series	Automotive, AEC-Q101
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	29A (Ta), 140A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	32nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2100pF @ 25V
Vgs (Max)	$\pm 20 V$
FET Feature	-
Power Dissipation (Max)	3.7W (Ta), 83W (Tc)
Rds On (Max) @ Id, Vgs	2.3 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, 5 Leads
	Report errors?

E-mail: salesdept@heisener.com

### NVMFS5C442NWFAFT3G 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.

#### NVMFS5C442NWFAFT3G Payment Methods



If you have any question about NVMFS5C442NWFAFT3G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com