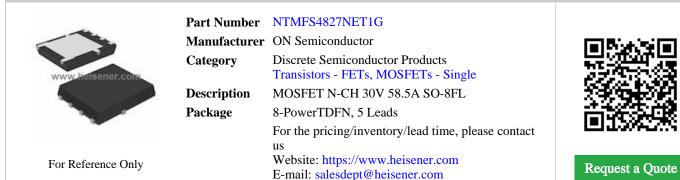


# NTMFS4827NET1G

#### NTMFS4827NET1G Information



## **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.



## NTMFS4827NET1G Specifications

Manufacturer Part Number	NTMFS4827NET1G
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerTDFN, 5 Leads
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	8.8A (Ta), 58.5A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 11.5V
Vgs(th) (Max) @ Id	2.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	16nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	1400pF @ 12V
Vgs (Max)	$\pm 20 \mathrm{V}$
FET Feature	-
Power Dissipation (Max)	870mW (Ta), 38.5W (Tc)
Rds On (Max) @ Id, Vgs	6.95 mOhm @ 30A, 10V
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	5-DFN (5x6) (8-SOFL)
Package / Case	8-PowerTDFN, 5 Leads
	Report errors?

### NTMFS4827NET1G 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.

### NTMFS4827NET1G Payment Methods





If you have any question about NTMFS4827NET1G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com