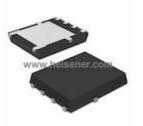




#### NTMFS5830NLT1G Information



For Reference Only

Part Number NTMFS5830NLT1G
Manufacturer ON Semiconductor

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 40V 28A SO-8FL

Package 8-PowerTDFN, 5 Leads

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.









# NTMFS5830NLT1G Specifications

Manufacturer Part Number	NTMFS5830NLT1G
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)	40V
Current - Continuous Drain (Id) @ 25°C	28A (Ta), 172A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	3V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	113nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	5880pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	3.2W (Ta), 125W (Tc)
Rds On (Max) @ Id, Vgs	2.3 mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	5-DFN (5x6) (8-SOFL)
Package / Case	8-PowerTDFN, 5 Leads
	Report errors?

#### NTMFS5830NLT1G 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.

### NTMFS5830NLT1G Payment Methods



















# NTMFS5830NLT1G Shipping Methods













If you have any question about NTMFS5830NLT1G, please do not hesitate to contact us!

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