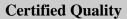


# NTD4857N-1G

Request a Quote

### NTD4857N-1G Information

www.Heisener.com	Part Number	NTD4857N-1G	
	Manufacturer	ON Semiconductor	
	Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single	
	Description	MOSFET N-CH 25V 12A IPAK	
	Package	TO-251-3 Short Leads, IPak, TO-251AA	
		For the pricing/inventory/lead time, please contact	
		us	
For Reference Only		Website: https://www.heisener.com	
i or reference only		E-mail: salesdept@heisener.com	



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.



# NTD4857N-1G Specifications

Manufacturer Part Number	NTD4857N-1G
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-251-3 Short Leads, IPak, TO-251AA
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	25V
Current - Continuous Drain (Id) @ 25°C	12A (Ta), 78A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	24nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	1960pF @ 12V
Vgs (Max)	$\pm 20 \mathrm{V}$
FET Feature	-
Power Dissipation (Max)	1.31W (Ta), 56.6W (Tc)
Rds On (Max) @ Id, Vgs	5.7 mOhm @ 30A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	I-Pak
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
	Report errors?

### NTD4857N-1G 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 SUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

# NTD4857N-1G Payment Methods



# NTD4857N-1G Shipping Methods



If you have any question about NTD4857N-1G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com