



NTD4858NAT4G Information



For Reference Only

Part Number NTD4858NAT4G
Manufacturer ON Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

DescriptionMOSFET N-CH 25V 11.2A DPAK**Package**TO-252-3, DPak (2 Leads + Tab), SC-63

For the pricing/inventory/lead time, please contact

us

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



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Certified Quality

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NTD4858NAT4G Specifications

Manufacturer Part Number NTD4858NAT4G Manufacturer ON Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 25V Current - Continuous Drain (Id) @ 25°C 11.2A (Ta), 73A (Tc) Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id 2.5V @ 250µA Gate Charge (Qg) (Max) @ Vgs 19.2nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 1563pF @ 12V Vgs (Max) - FET Feature - Power Dissipation (Max) 1.3W (Ta), 54.5W (Tc) Rds On (Max) @ Id, Vgs 6.2 mOhm @ 30A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63		
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FET Type Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) - FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount DPAK Package / Case N-Channel N-	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Cate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Supplier Device Package Package / Case MOSFET (Metal Oxide) 25V MOSFET (Metal Oxide) 25V 11.2A (Ta), 73A (Tc) 11.2A (Ta), 74A (Ta) 11.2A (Ta), 74A (Ta) 11.2A (Ta), 74A (Ta) 11.2A (Ta),	Series	-
Drain to Source Voltage (Vdss)25VCurrent - Continuous Drain (Id) @ 25°C11.2A (Ta), 73A (Tc)Drive Voltage (Max Rds On, Min Rds On)-Vgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs19.2nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds1563pF @ 12VVgs (Max)-FET Feature-Power Dissipation (Max)1.3W (Ta), 54.5W (Tc)Rds On (Max) @ Id, Vgs6.2 mOhm @ 30A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageDPAKPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) - FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 6.2 mOhm @ 30A, 10V Operating Temperature Supplier Device Package Package / Case 11.2A (Ta), 73A (Tc) 11.2A (Ta), 74A (Ta),	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)-Vgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs19.2nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds1563pF @ 12VVgs (Max)-FET Feature-Power Dissipation (Max)1.3W (Ta), 54.5W (Tc)Rds On (Max) @ Id, Vgs6.2 mOhm @ 30A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageDPAKPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Drain to Source Voltage (Vdss)	25V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) - FET Feature Power Dissipation (Max) Algorithm of the properties of the	Current - Continuous Drain (Id) @ 25°C	11.2A (Ta), 73A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max)	Drive Voltage (Max Rds On, Min Rds On)	-
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) - FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 6.2 mOhm @ 30A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Vgs(th) (Max) @ Id	2.5V @ 250μA
Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Operating Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Gate Charge (Qg) (Max) @ Vgs	19.2nC @ 4.5V
FET Feature - Power Dissipation (Max) 1.3W (Ta), 54.5W (Tc) Rds On (Max) @ Id, Vgs 6.2 mOhm @ 30A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Input Capacitance (Ciss) (Max) @ Vds	1563pF @ 12V
Power Dissipation (Max) 1.3W (Ta), 54.5W (Tc) 6.2 mOhm @ 30A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Vgs (Max)	-
Rds On (Max) @ Id, Vgs6.2 mOhm @ 30A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageDPAKPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	FET Feature	-
Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Power Dissipation (Max)	1.3W (Ta), 54.5W (Tc)
Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Rds On (Max) @ Id, Vgs	6.2 mOhm @ 30A, 10V
Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Operating Temperature	-55°C ~ 175°C (TJ)
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Mounting Type	Surface Mount
	Supplier Device Package	DPAK
Report errors?	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
		Report errors?

NTD4858NAT4G 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.

NTD4858NAT4G Payment Methods



















NTD4858NAT4G Shipping Methods













If you have any question about NTD4858NAT4G, please do not hesitate to contact us!

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