



NTD60N03T4 Information



For Reference Only

Part Number NTD60N03T4
Manufacturer ON Semiconductor

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 28V 60A 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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NTD60N03T4 Specifications

Manufacturer Part Number NTD60N03T4 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) 28V Current - Continuous Drain (Id) @ 25°C 60A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250µA Gate Charge (Qg) (Max) @ Vgs 30nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 2150pF @ 24V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 75W (Tc) Rds On (Max) @ Id, Vgs 7.5 mOhm @ 30A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Report errors? Report errors?		
CategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)28VCurrent - Continuous Drain (Id) @ 25°C60A (Tc)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250µAGate Charge (Qg) (Max) @ Vgs30nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds2150pF @ 24VVgs (Max)±20VFET Feature-Power Dissipation (Max)75W (Tc)Rds On (Max) @ Id, Vgs7.5 mOhm @ 30A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageDPAKPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Manufacturer Part Number	NTD60N03T4
Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 28V Current - Continuous Drain (Id) @ 25°C 60A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250μA Gate Charge (Qg) (Max) @ Vgs 3onC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 2150pF @ 24V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 75W (Tc) Rds On (Max) @ Id, Vgs 7.5 mOhm @ 30A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Manufacturer	ON Semiconductor
Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - N-Channel Technology NOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 28V Current - Continuous Drain (Id) @ 25°C 60A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250µA Gate Charge (Qg) (Max) @ Vgs 30nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 2150pF @ 24V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 75W (Tc) Rds On (Max) @ Id, Vgs 7.5 mOhm @ 30A, 10V Operating Temperature 55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case To-252-3, DPak (2 Leads + Tab), SC-63	Category	Discrete Semiconductor Products
Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 28V Current - Continuous Drain (Id) @ 25°C 60A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250μA Gate Charge (Qg) (Max) @ Vgs 30nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 2150pF @ 24V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 75W (Tc) Rds On (Max) @ Id, Vgs 7.5 mOhm @ 30A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63		Transistors - FETs, MOSFETs - Single
FET Type Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 28V Current - Continuous Drain (Id) @ 25°C 60A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 3 V @ 250µA Gate Charge (Qg) (Max) @ Vgs 30nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 2150pF @ 24V Vgs (Max) £20V FET Feature - Power Dissipation (Max) 75W (Tc) Rds On (Max) @ Id, Vgs 7.5 mOhm @ 30A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case NOA (Tc)	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)28VCurrent - Continuous Drain (Id) @ 25°C60A (Tc)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs30nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds2150pF @ 24VVgs (Max)±20VFET Feature-Power Dissipation (Max)75W (Tc)Rds On (Max) @ Id, Vgs7.5 mOhm @ 30A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageDPAKPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 60A (Tc) 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 Supplier Device Package Package / Case 28V 60A (Tc) 60A	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 60A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250µA Gate Charge (Qg) (Max) @ Vgs 30nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 2150pF @ 24V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 75W (Tc) Rds On (Max) @ Id, Vgs 7.5 mOhm @ 30A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs30nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds2150pF @ 24VVgs (Max)±20VFET Feature-Power Dissipation (Max)75W (Tc)Rds On (Max) @ Id, Vgs7.5 mOhm @ 30A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageDPAKPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Drain to Source Voltage (Vdss)	28V
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 7.5 mOhm @ 30A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Continuous Drain (Id) @ 25°C	60A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 2150pF @ 24V Vgs (Max) ±20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 7.5 mOhm @ 30A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 7.5 mOhm @ 30A, 10V Operating Temperature -55°C ~ 150°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	3V @ 250μA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)75W (Tc)Rds On (Max) @ Id, Vgs7.5 mOhm @ 30A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageDPAKPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Gate Charge (Qg) (Max) @ Vgs	30nC @ 4.5V
FET Feature - Power Dissipation (Max) 75W (Tc) Rds On (Max) @ Id, Vgs 7.5 mOhm @ 30A, 10V Operating Temperature -55°C ~ 150°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	2150pF @ 24V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 7.5 mOhm @ 30A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs7.5 mOhm @ 30A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageDPAKPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Power Dissipation (Max)	75W (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	7.5 mOhm @ 30A, 10V
Supplier Device Package DPAK Package / Case DPAK TO-252-3, DPak (2 Leads + Tab), SC-63	Operating Temperature	-55°C ~ 150°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?

NTD60N03T4 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.

NTD60N03T4 Payment Methods



















NTD60N03T4 Shipping Methods













If you have any question about NTD60N03T4, please do not hesitate to contact us!

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