



NDD02N40T4G Information



For Reference Only

Part Number NDD02N40T4G
Manufacturer ON Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

DescriptionMOSFET N-CH 400V 1.7A 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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NDD02N40T4G Specifications

Manufacturer Part Number NDD02N40T4G 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) 400V Current - Continuous Drain (Id) @ 25°C 1.7A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 2V @ 250µA Gate Charge (Qg) (Max) @ Vgs 5.5nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 121pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 39W (Tc) Rds On (Max) @ Id, Vgs 5.5 Ohm @ 220mA, 10V Operating Temperature -55°C ~ 150°C (TI) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63		
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Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 400V Current - Continuous Drain (Id) @ 25°C 1.7A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 2V @ 250µA Gate Charge (Qg) (Max) @ Vgs 5.5nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 121pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 39W (Tc) Rds On (Max) @ Id, Vgs 5.5 Ohm @ 220mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK		Transistors - FETs, MOSFETs - Single
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TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)400VCurrent - Continuous Drain (Id) @ 25°C1.7A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id2V @ 250μAGate Charge (Qg) (Max) @ Vgs5.5nC @ 10VInput Capacitance (Ciss) (Max) @ Vds121pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)39W (Tc)Rds On (Max) @ Id, Vgs5.5 Ohm @ 220mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageDPAK	Series	-
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Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 5.5nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 121pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 5.5 Ohm @ 220mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package	Current - Continuous Drain (Id) @ 25°C	1.7A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 121pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 5.5 Ohm @ 220mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature John Capacitance (Ciss) (Max) @ Vds 121pF @ 25V 20V FET Feature Supplier Device Package 121pF @ 25V	Vgs(th) (Max) @ Id	2V @ 250μA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)39W (Tc)Rds On (Max) @ Id, Vgs5.5 Ohm @ 220mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageDPAK	Gate Charge (Qg) (Max) @ Vgs	5.5nC @ 10V
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Operating Temperature $-55^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$ Mounting TypeSurface MountSupplier Device PackageDPAK	Power Dissipation (Max)	39W (Tc)
Mounting Type Surface Mount Supplier Device Package DPAK	Rds On (Max) @ Id, Vgs	5.5 Ohm @ 220mA, 10V
Supplier Device Package DPAK	Operating Temperature	-55°C ~ 150°C (TJ)
**	Mounting Type	Surface Mount
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Supplier Device Package	DPAK
	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Report errors?		Report errors?

NDD02N40T4G 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.

NDD02N40T4G Payment Methods



















NDD02N40T4G Shipping Methods













If you have any question about NDD02N40T4G, please do not hesitate to contact us!

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