



NDF02N60ZG Information



For Reference Only

Part Number NDF02N60ZG
Manufacturer ON Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 600V 2.4A TO220FP

Package TO-220-3 Full Pack

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

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.









NDF02N60ZG Specifications

Manufacturer Part Number NDF02N60ZG Manufacturer ON Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-220-3 Full Pack Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 600V Current - Continuous Drain (Id) @ 25°C 2.4A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4.5V @ 50µA Gate Charge (Qg) (Max) @ Vgs 10.1nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 274pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 24W (Tc) Rds On (Max) @ Id, Vgs 4.8 Ohm @ 1A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220FP Package / Case TO-220-3 Full Pack		
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FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)600VCurrent - Continuous Drain (Id) @ 25°C2.4A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4.5V @ 50μAGate Charge (Qg) (Max) @ Vgs10.1nC @ 10VInput Capacitance (Ciss) (Max) @ Vds274pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)24W (Tc)Rds On (Max) @ Id, Vgs4.8 Ohm @ 1A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220FPPackage / CaseTO-220-3 Full Pack	Package	TO-220-3 Full Pack
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)600VCurrent - Continuous Drain (Id) @ 25°C2.4A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4.5V @ 50μAGate Charge (Qg) (Max) @ Vgs10.1nC @ 10VInput Capacitance (Ciss) (Max) @ Vds274pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)24W (Tc)Rds On (Max) @ Id, Vgs4.8 Ohm @ 1A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220FPPackage / CaseTO-220-3 Full Pack	Series	-
Drain to Source Voltage (Vdss)600VCurrent - Continuous Drain (Id) @ 25°C2.4A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4.5V @ 50μAGate Charge (Qg) (Max) @ Vgs10.1nC @ 10VInput Capacitance (Ciss) (Max) @ Vds274pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)24W (Tc)Rds On (Max) @ Id, Vgs4.8 Ohm @ 1A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220FPPackage / CaseTO-220-3 Full Pack	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C2.4A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4.5V @ 50μAGate Charge (Qg) (Max) @ Vgs10.1nC @ 10VInput Capacitance (Ciss) (Max) @ Vds274pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)24W (Tc)Rds On (Max) @ Id, Vgs4.8 Ohm @ 1A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220FPPackage / CaseTO-220-3 Full Pack	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4.5V @ 50μAGate Charge (Qg) (Max) @ Vgs10.1nC @ 10VInput Capacitance (Ciss) (Max) @ Vds274pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)24W (Tc)Rds On (Max) @ Id, Vgs4.8 Ohm @ 1A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220FPPackage / CaseTO-220-3 Full Pack	Drain to Source Voltage (Vdss)	600V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) As Ohn (Max) @ Id, Vgs As Ohn (Max) @ Id, Vgs Operating Temperature Supplier Device Package Package / Case 4.5 V @ 50μA 10.1nC @ 10V 274pF @ 25V 24W (Tc)	Current - Continuous Drain (Id) @ 25°C	2.4A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 274pF @ 25V Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.8 Ohm @ 1A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220FP Package / Case TO-220-3 Full Pack	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220FP Package / Case TO-220-3 Full Pack	Vgs(th) (Max) @ Id	4.5V @ 50μA
Vgs (Max)±30VFET Feature-Power Dissipation (Max)24W (Tc)Rds On (Max) @ Id, Vgs4.8 Ohm @ 1A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220FPPackage / CaseTO-220-3 Full Pack	Gate Charge (Qg) (Max) @ Vgs	10.1nC @ 10V
FET Feature - Case - Ca	Input Capacitance (Ciss) (Max) @ Vds	274pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.8 Ohm @ 1A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220FP Package / Case TO-220-3 Full Pack	Vgs (Max)	±30V
Rds On (Max) @ Id, Vgs4.8 Ohm @ 1A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220FPPackage / CaseTO-220-3 Full Pack	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220FP Package / Case TO-220-3 Full Pack	Power Dissipation (Max)	24W (Tc)
Mounting Type Through Hole Supplier Device Package TO-220FP Package / Case TO-220-3 Full Pack	Rds On (Max) @ Id, Vgs	4.8 Ohm @ 1A, 10V
Supplier Device Package TO-220FP Package / Case TO-220-3 Full Pack	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case TO-220-3 Full Pack	Mounting Type	Through Hole
	Supplier Device Package	TO-220FP
Report errors?	Package / Case	TO-220-3 Full Pack
		Report errors?

NDF02N60ZG 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.

NDF02N60ZG Payment Methods





















NDF02N60ZG Shipping Methods













If you have any question about NDF02N60ZG, please do not hesitate to contact us!

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