

## NDD02N40-1G Information



For Reference Only

Part Number NDD02N40-1G
Manufacturer ON Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 400V 1.7A IPAK

Package TO-251-3 Short Leads, IPak, TO-251AA

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.









# NDD02N40-1G Specifications

Manufacturer Part Number         NDD02N40-1G           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)         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         Through Hole           Supplier Device Package         I-Pak           Package / Case         TO-251-3 Short Leads, IPak, TO-251AA		
CategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - SinglePackageTO-251-3 Short Leads, IPak, TO-251AASeries-FET TypeN-ChannelTechnologyMOSFET (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 TypeThrough HoleSupplier Device Package1-PakPackage / CaseTO-251-3 Short Leads, IPak, TO-251AA	Manufacturer Part Number	NDD02N40-1G
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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 TypeThrough HoleSupplier Device PackageI-PakPackage / CaseTO-251-3 Short Leads, IPak, TO-251AA	Drain to Source Voltage (Vdss)	400V
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Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Through Hole  Supplier Device Package  I-Pak  Package / Case  TO-251-3 Short Leads, IPak, TO-251AA	Power Dissipation (Max)	39W (Tc)
Mounting Type Through Hole Supplier Device Package I-Pak Package / Case TO-251-3 Short Leads, IPak, TO-251AA	Rds On (Max) @ Id, Vgs	5.5 Ohm @ 220mA, 10V
Supplier Device Package  I-Pak Package / Case  TO-251-3 Short Leads, IPak, TO-251AA	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case TO-251-3 Short Leads, IPak, TO-251AA	Mounting Type	Through Hole
	Supplier Device Package	I-Pak
Report errors?	Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
		Report errors?

### NDD02N40-1G 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 Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## NDD02N40-1G Payment Methods





















## NDD02N40-1G Shipping Methods













If you have any question about NDD02N40-1G, please do not hesitate to contact us!

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