



NTF3055-100T3G Information



For Reference Only

Part Number NTF3055-100T3G Manufacturer ON Semiconductor

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 60V 3A SOT223

Package TO-261-4, TO-261AA

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.









NTF3055-100T3G Specifications

Manufacturer Part Number NTF3055-100T3G Manufacturer ON Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-261-4, TO-261AA Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 3A (Ta) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 250µA Gate Charge (Qg) (Max) @ Vgs 22nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 455pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1.3W (Ta) Rds On (Max) @ Id, Vgs 110 mOhm @ 1.5A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA		
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FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C3A (Ta)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs22nC @ 10VInput Capacitance (Ciss) (Max) @ Vds455pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.3W (Ta)Rds On (Max) @ Id, Vgs110 mOhm @ 1.5A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	Package	TO-261-4, TO-261AA
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C3A (Ta)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs22nC @ 10VInput Capacitance (Ciss) (Max) @ Vds455pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.3W (Ta)Rds On (Max) @ Id, Vgs110 mOhm @ 1.5A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	Series	-
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Current - Continuous Drain (Id) @ 25°C3A (Ta)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs22nC @ 10VInput Capacitance (Ciss) (Max) @ Vds455pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.3W (Ta)Rds On (Max) @ Id, Vgs110 mOhm @ 1.5A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs22nC @ 10VInput Capacitance (Ciss) (Max) @ Vds455pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.3W (Ta)Rds On (Max) @ Id, Vgs110 mOhm @ 1.5A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	Drain to Source Voltage (Vdss)	60V
Vgs(th) (Max) @ Id	Current - Continuous Drain (Id) @ 25°C	3A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 455pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 110 mOhm @ 1.5A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case TO-261-4, TO-261AA	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds 455pF @ 25V Vgs (Max) ET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 110 mOhm @ 1.5A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Vgs(th) (Max) @ Id	4V @ 250μA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)1.3W (Ta)Rds On (Max) @ Id, Vgs110 mOhm @ 1.5A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	Gate Charge (Qg) (Max) @ Vgs	22nC @ 10V
FET Feature - Power Dissipation (Max) 1.3W (Ta) Rds On (Max) @ Id, Vgs 110 mOhm @ 1.5A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Input Capacitance (Ciss) (Max) @ Vds	455pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 110 mOhm @ 1.5A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Vgs (Max)	±20V
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Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Power Dissipation (Max)	1.3W (Ta)
Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Rds On (Max) @ Id, Vgs	110 mOhm @ 1.5A, 10V
Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Operating Temperature	-55°C ~ 175°C (TJ)
Package / Case TO-261-4, TO-261AA	Mounting Type	Surface Mount
	Supplier Device Package	SOT-223
Report errors?	Package / Case	TO-261-4, TO-261AA
		Report errors?

NTF3055-100T3G 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.

NTF3055-100T3G Payment Methods



















NTF3055-100T3G Shipping Methods













If you have any question about NTF3055-100T3G, please do not hesitate to contact us!

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