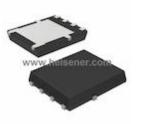




NTMFS4707NT3G Information



For Reference Only

Part Number NTMFS4707NT3G Manufacturer ON Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 30V 6.9A SO8FL

Package 8-PowerTDFN, 5 Leads

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

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NTMFS4707NT3G Specifications

Manufacturer Part Number NTMF84707NT3G Manufacturer ON Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 8-PowerTDFN, 5 Leads Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 6.9A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2.5V @ 250µA Gate Charge (Qg) (Max) @ Vgs 15nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 735pF @ 24V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 13 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 5-DFN (5x6) (8-SOFL) Package / Case 8-PowerTDFN, 5 Leads		
CategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - SinglePackage8-PowerTDFN, 5 LeadsSeries-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C6.9A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs15nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds735pF @ 24VVgs (Max)±20VFET Feature-Power Dissipation (Max)1W (Ta)Rds On (Max) @ Id, Vgs13 mOhm @ 10A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package5-DFN (5x6) (8-SOFL)Package / Case8-PowerTDFN, 5 Leads	Manufacturer Part Number	NTMFS4707NT3G
Package 8-PowerTDFN, 5 Leads Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 6.9A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2.5V @ 250μA Gate Charge (Qg) (Max) @ Vgs 15nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 735pF @ 24V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 13 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 5-DFN (5x6) (8-SOFL) Package / Case 8-PowerTDFN, 5 Leads	Manufacturer	ON Semiconductor
Package8-PowerTDFN, 5 LeadsSeries-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C6.9A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs15nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds735pF @ 24VVgs (Max)±20VFET Feature-Power Dissipation (Max)1W (Ta)Rds On (Max) @ Id, Vgs13 mOhm @ 10A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package5-DFN (5x6) (8-SOFL)Package / Case8-PowerTDFN, 5 Leads	Category	Discrete Semiconductor Products
Series-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C6.9A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs15nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds735pF @ 24VVgs (Max)±20VFET Feature-Power Dissipation (Max)1W (Ta)Rds On (Max) @ Id, Vgs13 mOhm @ 10A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package5-DFN (5x6) (8-SOFL)Package / Case8-PowerTDFN, 5 Leads		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) 30V Current - Continuous Drain (Id) @ 25°C 6.9A (Ta) 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 Mounting Type Surface Mount Supplier Device Package Power TDFN, 5 Leads	Package	8-PowerTDFN, 5 Leads
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C6.9A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs15nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds735pF @ 24VVgs (Max)±20VFET Feature-Power Dissipation (Max)1W (Ta)Rds On (Max) @ Id, Vgs13 mOhm @ 10A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package5-DFN (5x6) (8-SOFL)Package / Case8-PowerTDFN, 5 Leads	Series	-
Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C6.9A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs15nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds735pF @ 24VVgs (Max)±20VFET Feature-Power Dissipation (Max)1W (Ta)Rds On (Max) @ Id, Vgs13 mOhm @ 10A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package5-DFN (5x6) (8-SOFL)Package / Case8-PowerTDFN, 5 Leads	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 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 13 mOhm @ 10A, 10V Operating Temperature Supplier Device Package Fet Max (Pax) Surface Mount Supplier Device Package Power TDFN, 5 Leads	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 2.5V @ 250μA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 13 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 5-DFN (5x6) (8-SOFL) Package / Case 8-PowerTDFN, 5 Leads	Drain to Source Voltage (Vdss)	30V
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 -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 5-DFN (5x6) (8-SOFL) Package / Case 8-PowerTDFN, 5 Leads	Current - Continuous Drain (Id) @ 25°C	6.9A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 735pF @ 24V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 13 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 5-DFN (5x6) (8-SOFL) Package / Case 8-PowerTDFN, 5 Leads	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 13 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 5-DFN (5x6) (8-SOFL) Package / Case 8-PowerTDFN, 5 Leads	Vgs(th) (Max) @ Id	2.5V @ 250μA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)1W (Ta)Rds On (Max) @ Id, Vgs13 mOhm @ 10A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package5-DFN (5x6) (8-SOFL)Package / Case8-PowerTDFN, 5 Leads	Gate Charge (Qg) (Max) @ Vgs	15nC @ 4.5V
FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 13 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 5-DFN (5x6) (8-SOFL) Package / Case 8-PowerTDFN, 5 Leads	Input Capacitance (Ciss) (Max) @ Vds	735pF @ 24V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 13 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 5-DFN (5x6) (8-SOFL) Package / Case 8-PowerTDFN, 5 Leads	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs13 mOhm @ 10A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package5-DFN (5x6) (8-SOFL)Package / Case8-PowerTDFN, 5 Leads	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 5-DFN (5x6) (8-SOFL) Package / Case 8-PowerTDFN, 5 Leads	Power Dissipation (Max)	1W (Ta)
Mounting Type Surface Mount Supplier Device Package 5-DFN (5x6) (8-SOFL) Package / Case 8-PowerTDFN, 5 Leads	Rds On (Max) @ Id, Vgs	13 mOhm @ 10A, 10V
Supplier Device Package 5-DFN (5x6) (8-SOFL) Package / Case 8-PowerTDFN, 5 Leads	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case 8-PowerTDFN, 5 Leads	Mounting Type	Surface Mount
-	Supplier Device Package	5-DFN (5x6) (8-SOFL)
Report errors?	Package / Case	8-PowerTDFN, 5 Leads
		Report errors?

NTMFS4707NT3G 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.

NTMFS4707NT3G Payment Methods



















NTMFS4707NT3G Shipping Methods













If you have any question about NTMFS4707NT3G, please do not hesitate to contact us!

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