



DMN2400UFDQ-13 Information

Heisener.com

Part Number DMN2400UFDQ-13
Manufacturer Diodes Incorporated

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 20V 0.9A DFN1212-3

Package 3-XDFN

For the pricing/inventory/lead time, please contact

us

For Reference Only

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

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DMN2400UFDQ-13 Specifications

Manufacturer Part Number DMN2400UFDQ-13 Manufacturer Diodes Incorporated Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 3-XDFN Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C 900mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 250µA Gate Charge (Qg) (Max) @ Vgs 0.5nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 37pF @ 16V Vgs (Max) ±12V FET Feature - Power Dissipation (Max) 400mW (Ta) Rds On (Max) @ Id, Vgs 600 mOhm @ 200mA, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package U-DFN1212-3 Package / Case 3-XDFN		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single 3-XDFN Series - FET Type N-Channel Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C Prive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vds Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ### 12V ### 14D ### 14D ### 15P ### 16O ### 15P ### 16O ### 15P ### 16O ### 15P ### 16O ### 15P ##	Manufacturer Part Number	DMN2400UFDQ-13
Package 3-XDFN Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C 900mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 250μA Gate Charge (Qg) (Max) @ Vgs 0.5nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 37pF @ 16V Vgs (Max) ±12V FET Feature - Power Dissipation (Max) 400mW (Ta) Rds On (Max) @ Id, Vgs 600 mOhm @ 200mA, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package U-DFN1212-3 Package / Case 3-XDFN	Manufacturer	Diodes Incorporated
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Series-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C900mA (Ta)Drive Voltage (Max Rds On, Min Rds On)1.5V, 4.5VVgs(th) (Max) @ Id1V @ 250µAGate Charge (Qg) (Max) @ Vgs0.5nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds37pF @ 16VVgs (Max)±12VFET Feature-Power Dissipation (Max)400mW (Ta)Rds On (Max) @ Id, Vgs600 mOhm @ 200mA, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageU-DFN1212-3Package / Case3-XDFN		Transistors - FETs, MOSFETs - Single
FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C900mA (Ta)Drive Voltage (Max Rds On, Min Rds On)1.5V, 4.5VVgs(th) (Max) @ Id1V @ 250μAGate Charge (Qg) (Max) @ Vgs0.5nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds37pF @ 16VVgs (Max)±12VFET Feature-Power Dissipation (Max)400mW (Ta)Rds On (Max) @ Id, Vgs600 mOhm @ 200mA, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageU-DFN1212-3Package / Case3-XDFN	Package	3-XDFN
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 900mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 250μA Gate Charge (Qg) (Max) @ Vgs 1.5V (4.5V 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 Package / Case MOSFET (Metal Oxide) 20V 90W 400 900mA (Ta) 1.5V, 4.5V 90.5nC @ 600 mOm @ 200mA, 4.5V 90.5nC @ 600 mOhm @ 200mA, 4.5V	Series	-
Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C900mA (Ta)Drive Voltage (Max Rds On, Min Rds On)1.5V, 4.5VVgs(th) (Max) @ Id1V @ 250μAGate Charge (Qg) (Max) @ Vgs0.5nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds37pF @ 16VVgs (Max)±12VFET Feature-Power Dissipation (Max)400mW (Ta)Rds On (Max) @ Id, Vgs600 mOhm @ 200mA, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageU-DFN1212-3Package / Case3-XDFN	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 900mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 250µA Gate Charge (Qg) (Max) @ Vgs 0.5nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 37pF @ 16V Vgs (Max) ±12V FET Feature - Power Dissipation (Max) 400mW (Ta) Rds On (Max) @ Id, Vgs 600 mOhm @ 200mA, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package U-DFN1212-3 Package / Case 3-XDFN	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 1V @ 250μA 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 Package / Case 1.5V, 4.5V 1.5V @ 250μA 1.5V @ 4.5V	Drain to Source Voltage (Vdss)	20V
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 Package / Case 1V @ 250μA 1V @ 250μA 1V @ 250μA 1V @ 250μA 14.5V 600 m 4.5V 600 m 4.5V 600 mOhm @ 200mA, 4.5V 150°C (TJ) 600 mOhm @ 200mA, 4.5V 150°C (TJ)	Current - Continuous Drain (Id) @ 25°C	900mA (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Operating Type Surface Mount Supplier Device Package Package / Case O.5nC @ 4.5V 0.5nC @ 4.5V 1.5v 1.	Drive Voltage (Max Rds On, Min Rds On)	1.5V, 4.5V
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 U-DFN1212-3 Package / Case 3-XDFN	Vgs(th) (Max) @ Id	1V @ 250μA
Vgs (Max)±12VFET Feature-Power Dissipation (Max)400mW (Ta)Rds On (Max) @ Id, Vgs600 mOhm @ 200mA, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageU-DFN1212-3Package / Case3-XDFN	Gate Charge (Qg) (Max) @ Vgs	0.5nC @ 4.5V
FET Feature - Power Dissipation (Max) 400mW (Ta) Rds On (Max) @ Id, Vgs 600 mOhm @ 200mA, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package U-DFN1212-3 Package / Case 3-XDFN	Input Capacitance (Ciss) (Max) @ Vds	37pF @ 16V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 600 mOhm @ 200mA, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package U-DFN1212-3 Package / Case 3-XDFN	Vgs (Max)	±12 V
Rds On (Max) @ Id, Vgs600 mOhm @ 200mA, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageU-DFN1212-3Package / Case3-XDFN	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package U-DFN1212-3 Package / Case 3-XDFN	Power Dissipation (Max)	400mW (Ta)
Mounting Type Surface Mount Supplier Device Package U-DFN1212-3 Package / Case 3-XDFN	Rds On (Max) @ Id, Vgs	600 mOhm @ 200mA, 4.5V
Supplier Device Package U-DFN1212-3 Package / Case 3-XDFN	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case 3-XDFN	Mounting Type	Surface Mount
	Supplier Device Package	U-DFN1212-3
Report errors?	Package / Case	3-XDFN
		Report errors?

DMN2400UFDQ-13 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.

DMN2400UFDQ-13 Payment Methods

































If you have any question about DMN2400UFDQ-13, please do not hesitate to contact us!

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