



DMP1200UFR4-7 Information



For Reference Only

Part Number DMP1200UFR4-7
Manufacturer Diodes Incorporated

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 12V 2A X2-DFN1010-3

Package 3-XFDFN

For the pricing/inventory/lead time, please contact

us

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



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DMP1200UFR4-7 Specifications

Manufacturer Part Number DMP1200UFR4-7 Manufacturer Diodes Incorporated Category Discrete Semiconductor Products		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 3-XFDFN Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 12V Current - Continuous Drain (Id) @ 25°C 2A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 250µA Gate Charge (Qg) (Max) @ Vgs 5.8nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 514pF @ 5V Vgs (Max) ±8V FET Feature - Power Dissipation (Max) 480mW (Ta) Rds On (Max) @ Id, Vgs 100 mOhm @ 2A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package X2-DFN1010-3 Package / Case 3-XFDFN	Manufacturer Part Number	DMP1200UFR4-7
Package 3-XFDFN Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 12V Current - Continuous Drain (Id) @ 25°C 2A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 250μA Gate Charge (Qg) (Max) @ Vgs 5.8nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 514pF @ 5V Vgs (Max) ±8V FET Feature - Power Dissipation (Max) 480mW (Ta) Rds On (Max) @ Id, Vgs 100 mOhm @ 2A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package X2-DFN1010-3 Package / Case 3-XFDFN	Manufacturer	Diodes Incorporated
Package 3-XFDFN Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 12V Current - Continuous Drain (Id) @ 25°C 2A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 250μA Gate Charge (Qg) (Max) @ Vgs 5.8nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 514pF @ 5V Vgs (Max) ±8V FET Feature - Power Dissipation (Max) 480mW (Ta) Rds On (Max) @ Id, Vgs 100 mOhm @ 2A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package X2-DFN1010-3 Package / Case 3-XFDFN	Category	Discrete Semiconductor Products
Series - Channel P-Channel MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 2A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 250µA Gate Charge (Qg) (Max) @ Vgs 5.8nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 100 mOhm @ 2A, 4.5V Operating Temperature Supplier Device Package X2-DFN1010-3 Package / Case Posser Mossipation (Max) Posser Mossipation (Max) Rds On (Max) Rds On (Max) @ Id, Vgs Surface Mount Supplier Device Package 3-XFDFN		Transistors - FETs, MOSFETs - Single
FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)12VCurrent - Continuous Drain (Id) @ 25°C2A (Ta)Drive Voltage (Max Rds On, Min Rds On)1.5V, 4.5VVgs(th) (Max) @ IdIV @ 250μAGate Charge (Qg) (Max) @ Vgs5.8nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds514pF @ 5VVgs (Max)±8VFET Feature-Power Dissipation (Max)480mW (Ta)Rds On (Max) @ Id, Vgs100 mOhm @ 2A, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageX2-DFN1010-3Package / Case3-XFDFN	Package	3-XFDFN
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)12VCurrent - Continuous Drain (Id) @ 25°C2A (Ta)Drive Voltage (Max Rds On, Min Rds On)1.5V, 4.5VVgs(th) (Max) @ Id1V @ 250μAGate Charge (Qg) (Max) @ Vgs5.8nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds514pF @ 5VVgs (Max)±8VFET Feature-Power Dissipation (Max)480mW (Ta)Rds On (Max) @ Id, Vgs100 mOhm @ 2A, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageX2-DFN1010-3Package / Case3-XFDFN	Series	-
Drain to Source Voltage (Vdss)12VCurrent - Continuous Drain (Id) @ 25°C2A (Ta)Drive Voltage (Max Rds On, Min Rds On)1.5V, 4.5VVgs(th) (Max) @ Id1V @ 250μAGate Charge (Qg) (Max) @ Vgs5.8nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds514pF @ 5VVgs (Max)±8VFET Feature-Power Dissipation (Max)480mW (Ta)Rds On (Max) @ Id, Vgs100 mOhm @ 2A, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageX2-DFN1010-3Package / Case3-XFDFN	FET Type	P-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 250µA Gate Charge (Qg) (Max) @ Vgs 5.8nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 514pF @ 5V Vgs (Max) #8V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 100 mOhm @ 2A, 4.5V Operating Temperature Supplier Device Package Y2-DFN1010-3 Package / Case 2A (Ta) 2B (Ta) 1.5V, 4.5V 1V @ 250µA 5.8nC @ 4.5V 514pF @ 5V 48V FET Feature - Supplier Device Package X2-DFN1010-3 3-XFDFN	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)1.5V, 4.5VVgs(th) (Max) @ Id1V @ 250μAGate Charge (Qg) (Max) @ Vgs5.8nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds514pF @ 5VVgs (Max)±8VFET Feature-Power Dissipation (Max)480mW (Ta)Rds On (Max) @ Id, Vgs100 mOhm @ 2A, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageX2-DFN1010-3Package / Case3-XFDFN	Drain to Source Voltage (Vdss)	12V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 5.8nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 514pF @ 5V 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 100 m 4.5V 5.8nC @ 4.5V 100 m 51 m 6 m 6 m 6 m 6 m 6 m 6 m 6 m 6 m 6 m	Current - Continuous Drain (Id) @ 25°C	2A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 514pF @ 5V Vgs (Max) ±8V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 100 mOhm @ 2A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package X2-DFN1010-3 Package / Case	Drive Voltage (Max Rds On, Min Rds On)	1.5V, 4.5V
Input Capacitance (Ciss) (Max) @ Vds 514pF @ 5V Vgs (Max) ±8V FET Feature	Vgs(th) (Max) @ Id	1V @ 250μA
Vgs (Max) ±8V FET Feature - Power Dissipation (Max) 480mW (Ta) Rds On (Max) @ Id, Vgs 100 mOhm @ 2A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package X2-DFN1010-3 Package / Case 3-XFDFN	Gate Charge (Qg) (Max) @ Vgs	5.8nC @ 4.5V
FET Feature - Power Dissipation (Max) 480mW (Ta) Rds On (Max) @ Id, Vgs 100 mOhm @ 2A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package X2-DFN1010-3 Package / Case 3-XFDFN	Input Capacitance (Ciss) (Max) @ Vds	514pF @ 5V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 100 mOhm @ 2A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package X2-DFN1010-3 Package / Case 3-XFDFN	Vgs (Max)	±8V
Rds On (Max) @ Id, Vgs100 mOhm @ 2A, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageX2-DFN1010-3Package / Case3-XFDFN	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package X2-DFN1010-3 Package / Case 3-XFDFN	Power Dissipation (Max)	480mW (Ta)
Mounting Type Surface Mount Supplier Device Package X2-DFN1010-3 Package / Case 3-XFDFN	Rds On (Max) @ Id, Vgs	100 mOhm @ 2A, 4.5V
Supplier Device Package X2-DFN1010-3 Package / Case 3-XFDFN	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case 3-XFDFN	Mounting Type	Surface Mount
•	Supplier Device Package	X2-DFN1010-3
Report errors?	Package / Case	3-XFDFN
		Report errors?

DMP1200UFR4-7 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.

DMP1200UFR4-7 Payment Methods





















DMP1200UFR4-7 Shipping Methods













If you have any question about DMP1200UFR4-7, please do not hesitate to contact us!

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