



PMCM4402UPEZ Information

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Part Number PMCM4402UPEZ
Manufacturer Nexperia USA Inc.

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 20V 4.2A 4WLCSP

Package 4-XFBGA, WLCSP

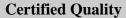
For the pricing/inventory/lead time, please contact

us

For Reference Only

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





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PMCM4402UPEZ Specifications

Manufacturer Part Number Manufacturer Nexperia USA Inc. Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 4.XFBGA, WLCSP Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 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 Operating Temperature Mounting Type Surface Mount Surface Mount Sepont errors? Report errors?		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 4-XFBGA, WLCSP Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vds Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) - FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature MOSMET MOSFET (Metal Oxide) 2.5V, 4.5V 2.5V, 4.5V - Carc @ 4.5V Mosmoder - Carc @ 4.5V - Carc @ 4.5V Total Capacitance (Ciss) (Max) @ Vds - Capacitance (Ciss) (Max) @ Id, Vds - Capacitanc	Manufacturer Part Number	PMCM4402UPEZ
Transistors - FETs, MOSFETs - Single Package 4-XFBGA, WLCSP Series	Manufacturer	Nexperia USA Inc.
Package 4-XFBGA, WLCSP Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C - Drive Voltage (Max Rds On, Min Rds On) 2.5V, 4.5V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 6.2nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) - FET Feature - Power Dissipation (Max) 400mW Rds On (Max) @ Id, Vgs - Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 4-WLCSP (2x2) Package / Case 4-XFBGA, WLCSP	Category	Discrete Semiconductor Products
Series-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C-Drive Voltage (Max Rds On, Min Rds On)2.5V, 4.5VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs6.2nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)-FET Feature-Power Dissipation (Max)400mWRds On (Max) @ Id, Vgs-Operating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package4-WLCSP (2x2)Package / Case4-XFBGA, WLCSP		Transistors - FETs, MOSFETs - Single
FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C-Drive Voltage (Max Rds On, Min Rds On)2.5V, 4.5VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs6.2nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)-FET Feature-Power Dissipation (Max)400mWRds On (Max) @ Id, Vgs-Operating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package4-WLCSP (2x2)Package / Case4-XFBGA, WLCSP	Package	4-XFBGA, WLCSP
Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C - Drive Voltage (Max Rds On, Min Rds On) 2.5V, 4.5V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 6.2nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) - FET Feature - Power Dissipation (Max) 400mW Rds On (Max) @ Id, Vgs - Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 4-WLCSP (2x2) Package / Case 4.5V	Series	-
Drain to Source Voltage (Vdss) 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 Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 20V - Case - Case	FET Type	P-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 - Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case - CSV, 4.5V - Cancel 4.5V - Cancel 4.5V - Cancel 4.5V - Cancel 4.5V - Concel 4.5V	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 6.2nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs - Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 4-WLCSP (2x2) Package / Case	Drain to Source Voltage (Vdss)	20V
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Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 4-WLCSP (2x2) Package / Case 6.2nC @ 4.5V 6.2n	Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) - FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs - Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 4-WLCSP (2x2) Package / Case	Vgs(th) (Max) @ Id	-
Vgs (Max) - CFET Feature Feature - CFET Feature - C	Gate Charge (Qg) (Max) @ Vgs	6.2nC @ 4.5V
FET Feature	Input Capacitance (Ciss) (Max) @ Vds	-
Power Dissipation (Max) Rds On (Max) @ Id, Vgs	Vgs (Max)	-
Rds On (Max) @ Id, Vgs-Operating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package4-WLCSP (2x2)Package / Case4-XFBGA, WLCSP	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 4-WLCSP (2x2) Package / Case 4-XFBGA, WLCSP	Power Dissipation (Max)	400mW
Mounting TypeSurface MountSupplier Device Package4-WLCSP (2x2)Package / Case4-XFBGA, WLCSP	Rds On (Max) @ Id, Vgs	-
Supplier Device Package 4-WLCSP (2x2) Package / Case 4-XFBGA, WLCSP	Operating Temperature	150°C (TJ)
Package / Case 4-XFBGA, WLCSP	Mounting Type	Surface Mount
	Supplier Device Package	4-WLCSP (2x2)
Report errors?	Package / Case	4-XFBGA, WLCSP
Report circles.		Report errors?

PMCM4402UPEZ 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.

PMCM4402UPEZ Payment Methods



















PMCM4402UPEZ Shipping Methods













If you have any question about PMCM4402UPEZ, please do not hesitate to contact us!

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