



DMP1096UCB4-7 Information



For Reference Only

Part Number DMP1096UCB4-7
Manufacturer Diodes Incorporated

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 12V 2.6A 4-UFCSP

Package 4-UFBGA, WLBGA

For the pricing/inventory/lead time, please contact

us

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



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DMP1096UCB4-7 Specifications

Manufacturer Part NumberDMP1096UCB4-7ManufacturerDiodes IncorporatedCategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - SinglePackage4-UFBGA, WLBGASeries-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)12VCurrent - Continuous Drain (Id) @ 25°C2.6A (Ta)Drive Voltage (Max Rds On, Min Rds On)1.5V, 4.5VVgs(th) (Max) @ Id1V @ 250µAGate Charge (Qg) (Max) @ Vgs3.7n C @ 4.5VInput Capacitance (Ciss) (Max) @ Vds251p F @ 6VVgs (Max)-5VFET Feature-Power Dissipation (Max)820mW (Ta)Rds On (Max) @ Id, Vgs102 mOhm @ 500mA, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageU-WLB1010-4Package / Case4-UFBGA, WLBGA		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single 4-UFBGA, WLBGA Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 12V Current - Continuous Drain (Id) @ 25°C 2.6A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 250µA Gate Charge (Qg) (Max) @ Vgs 3.7nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 251pF @ 6V Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 102 mOhm @ 500mA, 4.5V Operating Temperature Surface Mount Supplier Device Package U-WLB1010-4 Package / Case	Manufacturer Part Number	DMP1096UCB4-7
Transistors - FETs, MOSFETs - Single Package 4-UFBGA, WLBGA Series	Manufacturer	Diodes Incorporated
Package 4-UFBGA, WLBGA Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 12V Current - Continuous Drain (Id) @ 25°C 2.6A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 250μA Gate Charge (Qg) (Max) @ Vgs 3.7nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 251pF @ 6V Vgs (Max) -5V FET Feature - Power Dissipation (Max) 820mW (Ta) Rds On (Max) @ Id, Vgs 102 mOhm @ 500mA, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package U-WLB1010-4 Package / Case 4-UFBGA, WLBGA	Category	Discrete Semiconductor Products
Series - Channel P-Channel MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 2.6A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 250µA Gate Charge (Qg) (Max) @ Vgs 1.7C @ 4.5V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) -5V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 102 mOhm @ 500mA, 4.5V Operating Temperature Mounting Type Surface Mount Supplier Device Package U-WLB1010-4 Package / Case MOSFET (Metal Oxide) Package / Case - Channel MOSFET (Metal Oxide) 12V 2-Channel - 12V		Transistors - FETs, MOSFETs - Single
FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)12VCurrent - Continuous Drain (Id) @ 25°C2.6A (Ta)Drive Voltage (Max Rds On, Min Rds On)1.5V, 4.5VVgs(th) (Max) @ Id1V @ 250μAGate Charge (Qg) (Max) @ Vgs3.7nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds251pF @ 6VVgs (Max)-5VFET Feature-Power Dissipation (Max)820mW (Ta)Rds On (Max) @ Id, Vgs102 mOhm @ 500mA, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageU-WLB1010-4Package / Case4-UFBGA, WLBGA	Package	4-UFBGA, WLBGA
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)12VCurrent - Continuous Drain (Id) @ 25°C2.6A (Ta)Drive Voltage (Max Rds On, Min Rds On)1.5V, 4.5VVgs(th) (Max) @ Id1V @ 250μAGate Charge (Qg) (Max) @ Vgs3.7nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds251pF @ 6VVgs (Max)-5VFET Feature-Power Dissipation (Max)820mW (Ta)Rds On (Max) @ Id, Vgs102 mOhm @ 500mA, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageU-WLB1010-4Package / Case4-UFBGA, WLBGA	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 2.6A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V 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 U-WLB1010-4 Package / Case	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 Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) -5V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 102 mOhm @ 500mA, 4.5V Operating Temperature Supplier Device Package U-WLB1010-4 Package / Case 4-UFBGA, WLBGA	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 1V @ 250μA Gate Charge (Qg) (Max) @ Vgs 3.7nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) -5V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 102 mOhm @ 500mA, 4.5V Operating Temperature Surplier Device Package U-WLB1010-4 Package / Case 4-UFBGA, WLBGA	Drain to Source Voltage (Vdss)	12V
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 Supplier Device Package Package / Case 1V @ 250μA 1.V @ 250μA 1.V @ 4.5V 2.51pF @ 6V 2.	Current - Continuous Drain (Id) @ 25°C	2.6A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 251pF @ 6V Vgs (Max) -5V 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-WLB1010-4 Package / Case 3.7nC @ 4.5V 3.7nC @ 4.5V 251pF @ 6V 25U 251pF @ 6V 25V 251pF @ 6V 25V 251pF @ 6V 25V 5V 25U 25V 25V 25V 25V 25V	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 102 mOhm @ 500mA, 4.5V Operating Temperature Copyright Temperature Surface Mount Supplier Device Package U-WLB1010-4 Package / Case 4-UFBGA, WLBGA	Vgs(th) (Max) @ Id	1V @ 250μA
Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 102 mOhm @ 500mA, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package U-WLB1010-4 Package / Case 4-UFBGA, WLBGA	Gate Charge (Qg) (Max) @ Vgs	3.7nC @ 4.5V
FET Feature - Power Dissipation (Max) 820mW (Ta) Rds On (Max) @ Id, Vgs 102 mOhm @ 500mA, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package U-WLB1010-4 Package / Case 4-UFBGA, WLBGA	Input Capacitance (Ciss) (Max) @ Vds	251pF @ 6V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 102 mOhm @ 500mA, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package U-WLB1010-4 Package / Case 4-UFBGA, WLBGA	Vgs (Max)	-5V
Rds On (Max) @ Id, Vgs102 mOhm @ 500mA, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageU-WLB1010-4Package / Case4-UFBGA, WLBGA	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package U-WLB1010-4 Package / Case 4-UFBGA, WLBGA	Power Dissipation (Max)	820mW (Ta)
Mounting Type Surface Mount Supplier Device Package U-WLB1010-4 Package / Case 4-UFBGA, WLBGA	Rds On (Max) @ Id, Vgs	102 mOhm @ 500mA, 4.5V
Supplier Device Package U-WLB1010-4 Package / Case 4-UFBGA, WLBGA	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case 4-UFBGA, WLBGA	Mounting Type	Surface Mount
	Supplier Device Package	U-WLB1010-4
Report errors?	Package / Case	4-UFBGA, WLBGA
		Report errors?

DMP1096UCB4-7 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.

DMP1096UCB4-7 Payment Methods



















DMP1096UCB4-7 Shipping Methods













If you have any question about DMP1096UCB4-7, please do not hesitate to contact us!

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