

CSD23203W Information



For Reference Only

Part Number CSD23203W

Manufacturer Texas Instruments

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 8V 3A 6DSBGA

Package 6-UFBGA, DSBGA

For the pricing/inventory/lead time, please contact

us

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



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CSD23203W Specifications

Manufacturer Part Number CSD23203W Manufacturer Texas Instruments Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 6-UFBGA, DSBGA Series NexFET? FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 8V Current - Continuous Drain (Id) @ 25°C 3A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.8V, 4.5V Vgs(th) (Max) @ Id 1.1V @ 250µA Gate Charge (Qg) (Max) @ Vgs 6.3nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 914pF @ 4V Vgs (Max) 6V FET Feature - Power Dissipation (Max) 750mW (Ta) Rds On (Max) @ Id, Vgs 19.4 mOhm @ 1.5A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-DSBGA Package / Case 6-UFBGA, DSBGA		
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Package 6-UFBGA, DSBGA Series NexFET? FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 8V Current - Continuous Drain (Id) @ 25°C 3A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.8V, 4.5V Vgs(th) (Max) @ Id 1.1V @ 250μA Gate Charge (Qg) (Max) @ Vgs 6.3nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 914pF @ 4V Vgs (Max) -6V FET Feature - Power Dissipation (Max) 750mW (Ta) Rds On (Max) @ Id, Vgs 19.4 mOhm @ 1.5A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-DSBGA Package / Case 6-UFBGA, DSBGA	Manufacturer	Texas Instruments
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Series NexFET? FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 8V Current - Continuous Drain (Id) @ 25°C 3A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.8V, 4.5V Vgs(th) (Max) @ Id 1.1V @ 250μA Gate Charge (Qg) (Max) @ Vgs 6.3nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 914pF @ 4V Vgs (Max) -6V FET Feature - Power Dissipation (Max) 750mW (Ta) Rds On (Max) @ Id, Vgs 19.4 mOhm @ 1.5A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-DSBGA Package / Case 6-UFBGA, DSBGA		Transistors - FETs, MOSFETs - Single
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TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)8VCurrent - Continuous Drain (Id) @ 25°C3A (Ta)Drive Voltage (Max Rds On, Min Rds On)1.8V, 4.5VVgs(th) (Max) @ Id1.1V @ 250μAGate Charge (Qg) (Max) @ Vgs6.3nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds914pF @ 4VVgs (Max)-6VFET Feature-Power Dissipation (Max)750mW (Ta)Rds On (Max) @ Id, Vgs19.4 mOhm @ 1.5A, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-DSBGAPackage / Case6-UFBGA, DSBGA	Series	NexFET?
Drain to Source Voltage (Vdss)8VCurrent - Continuous Drain (Id) @ 25°C3A (Ta)Drive Voltage (Max Rds On, Min Rds On)1.8V, 4.5VVgs(th) (Max) @ Id1.1V @ 250μAGate Charge (Qg) (Max) @ Vgs6.3nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds914pF @ 4VVgs (Max)-6VFET Feature-Power Dissipation (Max)750mW (Ta)Rds On (Max) @ Id, Vgs19.4 mOhm @ 1.5A, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-DSBGAPackage / Case6-UFBGA, DSBGA	FET Type	P-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) 1.8V, 4.5V Vgs(th) (Max) @ Id 1.1V @ 250μA Gate Charge (Qg) (Max) @ Vgs 6.3nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) -6V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 19.4 mOhm @ 1.5A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 6-UFBGA, DSBGA	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 1.1V @ 250μA Gate Charge (Qg) (Max) @ Vgs 6.3nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) -6V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 19.4 mOhm @ 1.5A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 6-UFBGA, DSBGA	Drain to Source Voltage (Vdss)	8V
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 1.1V @ 250μA 6.3nC @ 4.5V 914pF @ 4V -6V FET Water -750mW (Ta) 19.4 mOhm @ 1.5A, 4.5V -55°C ~ 150°C (TJ) Surface Mount 6-DSBGA 6-UFBGA, DSBGA	Current - Continuous Drain (Id) @ 25°C	3A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 914pF @ 4V Vgs (Max) -6V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 19.4 mOhm @ 1.5A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 6-UFBGA, DSBGA	Drive Voltage (Max Rds On, Min Rds On)	1.8V, 4.5V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) -6V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 19.4 mOhm @ 1.5A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-DSBGA Package / Case 6-UFBGA, DSBGA	Vgs(th) (Max) @ Id	1.1V @ 250μA
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 6-DSBGA Package / Case 6-UFBGA, DSBGA	Gate Charge (Qg) (Max) @ Vgs	6.3nC @ 4.5V
FET Feature - TSOmW (Ta) Power Dissipation (Max) 750mW (Ta) Rds On (Max) @ Id, Vgs 19.4 mOhm @ 1.5A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-DSBGA Package / Case 6-UFBGA, DSBGA	Input Capacitance (Ciss) (Max) @ Vds	914pF @ 4V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 19.4 mOhm @ 1.5A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-DSBGA Package / Case 6-UFBGA, DSBGA	Vgs (Max)	-6V
Rds On (Max) @ Id, Vgs19.4 mOhm @ 1.5A, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package6-DSBGAPackage / Case6-UFBGA, DSBGA	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 6-DSBGA Package / Case 6-UFBGA, DSBGA	Power Dissipation (Max)	750mW (Ta)
Mounting Type Surface Mount Supplier Device Package 6-DSBGA Package / Case 6-UFBGA, DSBGA	Rds On (Max) @ Id, Vgs	19.4 mOhm @ 1.5A, 4.5V
Supplier Device Package 6-DSBGA Package / Case 6-UFBGA, DSBGA	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case 6-UFBGA, DSBGA	Mounting Type	Surface Mount
	Supplier Device Package	6-DSBGA
Report errors?	Package / Case	6-UFBGA, DSBGA
		Report errors?

CSD23203W 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.

CSD23203W Payment Methods





















CSD23203W Shipping Methods













If you have any question about CSD23203W, please do not hesitate to contact us!

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