

FDZ208P Information

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Part Number FDZ208P

ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 30V 12.5A BGA

Package 30-WFBGA

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
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FDZ208P Specifications

Manufacturer Part NumberFDZ208PManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - SinglePackage30-WFBGASeriesPowerTrench?FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C12.5A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs35nC @ 5VInput Capacitance (Ciss) (Max) @ Vds2409pF @ 15VVgs (Max)±25VFET Feature-Power Dissipation (Max)2.2W (Ta)Rds On (Max) @ Id, Vgs10.5 mOhm @ 12.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package30-BGA (4x3.5)Package (Case30-WFBGA		
Category Discrete Semiconductor Products Package 30-WFBGA Series PowerTrench? FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 12.5A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250μA Gate Charge (Qg) (Max) @ Vgs 35nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 2409pF @ 15V Vgs (Max) ±25V FET Feature - Power Dissipation (Max) 2.2W (Ta) Rds On (Max) @ Id, Vgs 10.5 mOhm @ 12.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 30-BGA (4x3.5)	Manufacturer Part Number	FDZ208P
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Series PowerTrench? FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 12.5A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250µA Gate Charge (Qg) (Max) @ Vgs 35nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 2409pF @ 15V Vgs (Max) ±25V FET Feature - Power Dissipation (Max) 2.2W (Ta) Rds On (Max) @ Id, Vgs 10.5 mOhm @ 12.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 30-BGA (4x3.5)		Transistors - FETs, MOSFETs - Single
FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C12.5A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs35nC @ 5VInput Capacitance (Ciss) (Max) @ Vds2409pF @ 15VVgs (Max)±25VFET Feature-Power Dissipation (Max)2.2W (Ta)Rds On (Max) @ Id, Vgs10.5 mOhm @ 12.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package30-BGA (4x3.5)	Package	30-WFBGA
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 12.5A (Ta) 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 10.5 mOhm @ 12.5A, 10V Operating Temperature Supplier Device Package MOSFET (Metal Oxide) 30V 20V 12.5A (Ta) 12.5A (Ta) 3V @ 250µA 2409pF @ 15V 2409pF @ 15V 2409pF @ 15V 25V FET Feature - Supplier Device Package	Series	PowerTrench?
Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C12.5A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs35nC @ 5VInput Capacitance (Ciss) (Max) @ Vds2409pF @ 15VVgs (Max)±25VFET Feature-Power Dissipation (Max)2.2W (Ta)Rds On (Max) @ Id, Vgs10.5 mOhm @ 12.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package30-BGA (4x3.5)	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 10.5 mOhm @ 12.5A, 10V Operating Temperature Supplier Device Package 12.5A (Ta) 12.5A (Ta) 4.5V, 10V 3V @ 250µA 35nC @ 5V 2409pF @ 15V 2409pF @ 15V 220W (Ta) 10.5 mOhm @ 12.5A, 10V Operating Temperature Supplier Device Package 30-BGA (4x3.5)	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs35nC @ 5VInput Capacitance (Ciss) (Max) @ Vds2409pF @ 15VVgs (Max)±25VFET Feature-Power Dissipation (Max)2.2W (Ta)Rds On (Max) @ Id, Vgs10.5 mOhm @ 12.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package30-BGA (4x3.5)	Drain to Source Voltage (Vdss)	30V
Vgs(th) (Max) @ Id 3V @ 250μA Gate Charge (Qg) (Max) @ Vgs 35nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 2409pF @ 15V Vgs (Max) ±25V FET Feature - Power Dissipation (Max) 2.2W (Ta) Rds On (Max) @ Id, Vgs 10.5 mOhm @ 12.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 30-BGA (4x3.5)	Current - Continuous Drain (Id) @ 25°C	12.5A (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 Foundary Mounting Type Surface Mount Supplier Device Package 35nC @ 5V 2409pF @ 15V 240pF @ 15	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 10.5 mOhm @ 12.5A, 10V Operating Temperature Coperating Type Surface Mount Supplier Device Package 2409pF @ 15V 25V Surface Mount 30-BGA (4x3.5)	Vgs(th) (Max) @ Id	3V @ 250μA
Vgs (Max)±25VFET Feature-Power Dissipation (Max)2.2W (Ta)Rds On (Max) @ Id, Vgs10.5 mOhm @ 12.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package30-BGA (4x3.5)	Gate Charge (Qg) (Max) @ Vgs	35nC @ 5V
FET Feature - Power Dissipation (Max) 2.2W (Ta) Rds On (Max) @ Id, Vgs 10.5 mOhm @ 12.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 30-BGA (4x3.5)	Input Capacitance (Ciss) (Max) @ Vds	2409pF @ 15V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 10.5 mOhm @ 12.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 30-BGA (4x3.5)	Vgs (Max)	±25V
Rds On (Max) @ Id, Vgs10.5 mOhm @ 12.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package30-BGA (4x3.5)	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 30-BGA (4x3.5)	Power Dissipation (Max)	2.2W (Ta)
Mounting Type Surface Mount Supplier Device Package 30-BGA (4x3.5)	Rds On (Max) @ Id, Vgs	10.5 mOhm @ 12.5A, 10V
Supplier Device Package 30-BGA (4x3.5)	Operating Temperature	-55°C ~ 150°C (TJ)
	Mounting Type	Surface Mount
Package / Case 30.WERGA	Supplier Device Package	30-BGA (4x3.5)
Tackage / Case 50-WIDGA	Package / Case	30-WFBGA
Report errors?		Report errors?

FDZ208P 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.

FDZ208P Payment Methods









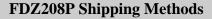
























If you have any question about FDZ208P, please do not hesitate to contact us!

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