



HUFA76429P3 Information

Part Number HUFA76429P3

ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 60V 47A TO-220AB

Package TO-220-3

For the pricing/inventory/lead time, please contact

us

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



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HUFA76429P3 Specifications

Manufacturer Part Number HUFA76429P3 Manufacturer Fairchild/ON Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-220-3 Series UltraFET? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 47A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250µA Gate Charge (Qg) (Max) @ Vgs 46nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1480pF @ 25V Vgs (Max) ±16V FET Feature - Power Dissipation (Max) 110W (Tc) Rds On (Max) @ Id, Vgs 22 mOhm @ 47A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220AB Package / Case TO-220-3		
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FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C47A (Tc)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs46nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1480pF @ 25VVgs (Max)±16VFET Feature-Power Dissipation (Max)110W (Tc)Rds On (Max) @ Id, Vgs22 mOhm @ 47A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220ABPackage / CaseTO-220-3	Package	TO-220-3
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C47A (Tc)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs46nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1480pF @ 25VVgs (Max)±16VFET Feature-Power Dissipation (Max)110W (Tc)Rds On (Max) @ Id, Vgs22 mOhm @ 47A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220ABPackage / CaseTO-220-3	Series	UltraFET?
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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 22 mOhm @ 47A, 10V Operating Temperature Supplier Device Package Package / Case 47A (Tc) 45V 45V 45V 45V 45V 45N 46NC @ 10V 1480pF @ 25V 16V 16V 16V 16V 17C 17C 17C 17C 17C 17C 17C 17	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs46nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1480pF @ 25VVgs (Max)±16VFET Feature-Power Dissipation (Max)110W (Tc)Rds On (Max) @ Id, Vgs22 mOhm @ 47A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220ABPackage / CaseTO-220-3	Drain to Source Voltage (Vdss)	60V
Vgs(th) (Max) @ Id 3V @ 250μA Gate Charge (Qg) (Max) @ Vgs 46nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1480pF @ 25V Vgs (Max) ±16V FET Feature - Power Dissipation (Max) 110W (Tc) Rds On (Max) @ Id, Vgs 22 mOhm @ 47A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220AB Package / Case TO-220-3	Current - Continuous Drain (Id) @ 25°C	47A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 1480pF @ 25V Vgs (Max) ±16V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 22 mOhm @ 47A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220AB Package / Case TO-220-3	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds 1480pF @ 25V Vgs (Max) ET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 22 mOhm @ 47A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220AB Package / Case TO-220-3	Vgs(th) (Max) @ Id	3V @ 250μA
Vgs (Max)±16VFET Feature-Power Dissipation (Max)110W (Tc)Rds On (Max) @ Id, Vgs22 mOhm @ 47A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220ABPackage / CaseTO-220-3	Gate Charge (Qg) (Max) @ Vgs	46nC @ 10V
FET Feature - To-220-3 FET Feature - To-220-3 FET Feature - To-220-3 FET Feature - FET Feature - FET Feature - FET Feature FET FeT Feature - FET FE	Input Capacitance (Ciss) (Max) @ Vds	1480pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 22 mOhm @ 47A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220AB Package / Case TO-220-3	Vgs (Max)	±16V
Rds On (Max) @ Id, Vgs22 mOhm @ 47A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220ABPackage / CaseTO-220-3	FET Feature	-
Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220AB Package / Case TO-220-3	Power Dissipation (Max)	110W (Tc)
Mounting Type Through Hole Supplier Device Package TO-220AB Package / Case TO-220-3	Rds On (Max) @ Id, Vgs	22 mOhm @ 47A, 10V
Supplier Device Package TO-220AB Package / Case TO-220-3	Operating Temperature	-55°C ~ 175°C (TJ)
Package / Case TO-220-3	Mounting Type	Through Hole
	Supplier Device Package	TO-220AB
Report errors?	Package / Case	TO-220-3
		Report errors?

HUFA76429P3 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.

HUFA76429P3 Payment Methods



















HUFA76429P3 Shipping Methods













If you have any question about HUFA76429P3, please do not hesitate to contact us!

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