



CDM2205-800FP SL Information



For Reference Only

Part Number CDM2205-800FP SL

ManufacturerCentral Semiconductor CorpCategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - Single

Description MOSFET N-CH 5A 800V TO-220FP

Package TO-220-3 Full Pack

For the pricing/inventory/lead time, please contact

us

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



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CDM2205-800FP SL Specifications

Manufacturer Part Number CDM2205-800FP SL Manufacturer Central Semiconductor Corp Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-220-3 Full Pack Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 800V Current - Continuous Drain (Id) @ 25°C 5A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 250μA Gate Charge (Qg) (Max) @ Vgs 17.4nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 705pF @ 25V Vgs (Max) 30V FET Feature - Power Dissipation (Max) 48W (Tc) Rds On (Max) @ Id, Vgs 2.7 Ohm @ 2.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220FP Package (Case TO-220FP		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-220-3 Full Pack Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 800V Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 17.4nC @ 10V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) 30V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 48W (Tc) Rds On (Max) @ Id, Vgs Operating Temperature 55°C ~ 150°C (TJ) Mounting Type Supplier Device Package TO-220FP	Manufacturer Part Number	CDM2205-800FP SL
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PackageTO-220-3 Full PackSeries-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)800VCurrent - Continuous Drain (Id) @ 25°C5A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs17.4nC @ 10VInput Capacitance (Ciss) (Max) @ Vds705pF @ 25VVgs (Max)30VFET Feature-Power Dissipation (Max)48W (Tc)Rds On (Max) @ Id, Vgs2.7 Ohm @ 2.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220FP	Category	Discrete Semiconductor Products
Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 800V Current - Continuous Drain (Id) @ 25°C 5A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 250μA Gate Charge (Qg) (Max) @ Vgs 17.4nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 705pF @ 25V Vgs (Max) 30V FET Feature - Power Dissipation (Max) 48W (Tc) Rds On (Max) @ Id, Vgs 2.7 Ohm @ 2.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220FP		Transistors - FETs, MOSFETs - Single
FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)800VCurrent - Continuous Drain (Id) @ 25°C5A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs17.4nC @ 10VInput Capacitance (Ciss) (Max) @ Vds705pF @ 25VVgs (Max)30VFET Feature-Power Dissipation (Max)48W (Tc)Rds On (Max) @ Id, Vgs2.7 Ohm @ 2.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220FP	Package	TO-220-3 Full Pack
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)800VCurrent - Continuous Drain (Id) @ 25°C5A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs17.4nC @ 10VInput Capacitance (Ciss) (Max) @ Vds705pF @ 25VVgs (Max)30VFET Feature-Power Dissipation (Max)48W (Tc)Rds On (Max) @ Id, Vgs2.7 Ohm @ 2.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220FP	Series	-
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Current - Continuous Drain (Id) @ 25°C5A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs17.4nC @ 10VInput Capacitance (Ciss) (Max) @ Vds705pF @ 25VVgs (Max)30VFET Feature-Power Dissipation (Max)48W (Tc)Rds On (Max) @ Id, Vgs2.7 Ohm @ 2.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220FP	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 250μAGate Charge (Qg) (Max) @ Vgs17.4nC @ 10VInput Capacitance (Ciss) (Max) @ Vds705pF @ 25VVgs (Max)30VFET Feature-Power Dissipation (Max)48W (Tc)Rds On (Max) @ Id, Vgs2.7 Ohm @ 2.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220FP	Drain to Source Voltage (Vdss)	800V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 17.4nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 705pF @ 25V Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 2.7 Ohm @ 2.5A, 10V Operating Temperature For C TJ Mounting Type Through Hole Supplier Device Package TO-220FP	Current - Continuous Drain (Id) @ 25°C	5A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 705pF @ 25V Vgs (Max) 30V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 2.7 Ohm @ 2.5A, 10V Operating Temperature Found Through Hole Supplier Device Package 17.4nC @ 10V 10V 10V 10V 10V 10V 10V 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Through Hole Supplier Device Package 705pF @ 25V 705pF @ 25V 705pF @ 25V 700pF @ 25V 7	Vgs(th) (Max) @ Id	4V @ 250μA
Vgs (Max)30VFET Feature-Power Dissipation (Max)48W (Tc)Rds On (Max) @ Id, Vgs2.7 Ohm @ 2.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220FP	Gate Charge (Qg) (Max) @ Vgs	17.4nC @ 10V
FET Feature - Power Dissipation (Max) 48W (Tc) Rds On (Max) @ Id, Vgs 2.7 Ohm @ 2.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220FP	Input Capacitance (Ciss) (Max) @ Vds	705pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 2.7 Ohm @ 2.5A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220FP	Vgs (Max)	30V
Rds On (Max) @ Id, Vgs2.7 Ohm @ 2.5A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-220FP	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220FP	Power Dissipation (Max)	48W (Tc)
Mounting Type Through Hole Supplier Device Package TO-220FP	Rds On (Max) @ Id, Vgs	2.7 Ohm @ 2.5A, 10V
Supplier Device Package TO-220FP	Operating Temperature	-55°C ~ 150°C (TJ)
	Mounting Type	Through Hole
Package / Case TO_220_3 Full Pack	Supplier Device Package	TO-220FP
10-220-31 un 1 ack	Package / Case	TO-220-3 Full Pack
Report errors?		Report errors?

CDM2205-800FP SL 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.

CDM2205-800FP SL Payment Methods

































If you have any question about CDM2205-800FP SL, please do not hesitate to contact us!

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