

APTM10DAM05TG

APTM10DAM05TG Information

Heisener.com

Part Number APTM10DAM05TG

Manufacturer Microsemi Corporation

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 100V 278A SP4

Package SP4

For the pricing/inventory/lead time, please contact

us

For Reference Only

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E-mail: salesdept@heisener.com



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APTM10DAM05TG Specifications

Manufacturer Part Number APTM10DAM05TG Manufacturer Microsemi Corporation Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package SP4 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 100V Current - Continuous Drain (Id) @ 25°C 278A Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 5mA Gate Charge (Qg) (Max) @ Vgs 700nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 20000pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 780W (Tc) Rds On (Max) @ Id, Vgs 5 mOhm @ 125A, 10V Operating Temperature 40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SP4 Package / Case SP4 Report errors?		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package SP4 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 278A Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ### 30V ### 30V ### 500 (Max) ### 30V ### 500 (Max) ### 30V ### 500 (Max) ### 30V ### 600 (Max) ### 6	Manufacturer Part Number	APTM10DAM05TG
Package SP4 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 100V Current - Continuous Drain (Id) @ 25°C 278A Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 5mA Gate Charge (Qg) (Max) @ Vgs 700nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 20000pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 780W (Tc) Rds On (Max) @ Id, Vgs 5 mOhm @ 125A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SP4 Package / Case SP4	Manufacturer	Microsemi Corporation
PackageSP4Series-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)100VCurrent - Continuous Drain (Id) @ 25°C278ADrive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 5mAGate Charge (Qg) (Max) @ Vgs700nC @ 10VInput Capacitance (Ciss) (Max) @ Vds20000pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)780W (Tc)Rds On (Max) @ Id, Vgs5 mOhm @ 125A, 10VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountSupplier Device PackageSP4Package / CaseSP4	Category	Discrete Semiconductor Products
Series - N-Channel FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 100V Current - Continuous Drain (Id) @ 25°C 278A Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 5mA Gate Charge (Qg) (Max) @ Vgs 700nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 20000pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 780W (Tc) Rds On (Max) @ Id, Vgs 5mOhm @ 125A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SP4 Package / Case		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 100V Current - Continuous Drain (Id) @ 25°C 278A Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 5mA Gate Charge (Qg) (Max) @ Vgs 700nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 20000pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 780W (Tc) Rds On (Max) @ Id, Vgs 5mOhm @ 125A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package Package / Case SP4	Package	SP4
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 278A 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 Operating Temperature Mounting Type Supplier Device Package Package / Case MOSFET (Metal Oxide) 100V 278A 278A 4V @ 5mA 700nC @ 10V 20000pF @ 25V 230V FET Wester Salve - Combined 125V 5 mOhm @ 125A, 10V Chassis Mount Supplier Device Package SP4 Package / Case	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 278A Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 4V @ 5mA Gate Charge (Qg) (Max) @ Vgs 700nC @ 10V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 40°C ~ 150°C (TJ) Mounting Type Supplier Device Package Package / Case 100V 278A 278A 2000 10V 4V @ 5mA 700nC @ 10V 20000pF @ 25V 25W 25W 25W Chossis Mount Sp4 SP4	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Tounc @ 10V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Tounc @ 10V Tounc @ 10V	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 4V @ 5mA Gate Charge (Qg) (Max) @ Vgs 700nC @ 10V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 5 mOhm @ 125A, 10V Operating Temperature 40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package Package / Case SP4	Drain to Source Voltage (Vdss)	100V
Vgs(th) (Max) @ Id 4V @ 5mA Gate Charge (Qg) (Max) @ Vgs 700nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 20000pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 780W (Tc) Rds On (Max) @ Id, Vgs 5 mOhm @ 125A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SP4 Package / Case SP4	Current - Continuous Drain (Id) @ 25°C	278A
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Found Temperature Guarding Type Chassis Mount Supplier Device Package Package / Case 700nC @ 10V 20000pF @ 25V 230V E30V FET Feature -40°C 780W (Tc) 780W (Tc) 780W (Tc) Chassis Mount Supplier Device Package SP4 SP4	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature False Chassis Mount Supplier Device Package Package / Case 20000pF @ 25V 230V False False False False False False Chassis Mount SP4	Vgs(th) (Max) @ Id	4V @ 5mA
Vgs (Max)±30VFET Feature-Power Dissipation (Max)780W (Tc)Rds On (Max) @ Id, Vgs5 mOhm @ 125A, 10VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountSupplier Device PackageSP4Package / CaseSP4	Gate Charge (Qg) (Max) @ Vgs	700nC @ 10V
FET Feature - Power Dissipation (Max) 780W (Tc) Rds On (Max) @ Id, Vgs 5 mOhm @ 125A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SP4 Package / Case SP4	Input Capacitance (Ciss) (Max) @ Vds	20000pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 5 mOhm @ 125A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SP4 Package / Case SP4	Vgs (Max)	±30V
Rds On (Max) @ Id, Vgs5 mOhm @ 125A, 10VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountSupplier Device PackageSP4Package / CaseSP4	FET Feature	-
Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SP4 Package / Case SP4	Power Dissipation (Max)	780W (Tc)
Mounting Type Chassis Mount Supplier Device Package SP4 Package / Case SP4	Rds On (Max) @ Id, Vgs	5 mOhm @ 125A, 10V
Supplier Device Package SP4 Package / Case SP4	Operating Temperature	-40°C ~ 150°C (TJ)
Package / Case SP4	Mounting Type	Chassis Mount
-	Supplier Device Package	SP4
Report errors?	Package / Case	SP4
		Report errors?

APTM10DAM05TG 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.

APTM10DAM05TG Payment Methods



















APTM10DAM05TG Shipping Methods













If you have any question about APTM10DAM05TG, please do not hesitate to contact us!

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