



APTM50SKM35TG Information

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Part Number APTM50SKM35TG Manufacturer Microsemi Corporation

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 500V 99A SP4

Package

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

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APTM50SKM35TG Specifications

Manufacturer Part NumberAPTM50SKM35TGManufacturerMicrosemi CorporationCategoryDiscrete Semiconductor Products Transistors - FETs, MOSFETs - SinglePackageSP4Series-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)500VCurrent - Continuous Drain (Id) @ 25°C99ADrive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5V @ 5mAGate Charge (Qg) (Max) @ Vgs280nC @ 10VInput Capacitance (Ciss) (Max) @ Vds14000pF @ 25VVgs (Max)±25 Vgs (Max)FET Feature-Power Dissipation (Max)781W (Tc)Rds On (Max) @ Id, Vgs39 mOhm @ 49.5A, 10VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountSupplier Device PackageSP4Package / CaseSP4Report errors?		
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Package SP4 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 500V Current - Continuous Drain (Id) @ 25°C 99A Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5V @ 5mA Gate Charge (Qg) (Max) @ Vgs 280nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 14000pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 781W (Tc) Rds On (Max) @ Id, Vgs 39 mOhm @ 49.5A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SP4 Package / Case SP4	Manufacturer	Microsemi Corporation
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Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 500V Current - Continuous Drain (Id) @ 25°C 99A Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5V @ 5mA Gate Charge (Qg) (Max) @ Vgs 280nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 14000pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 781W (Tc) Rds On (Max) @ Id, Vgs 39 mOhm @ 49.5A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SP4 Package / Case SP4		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 500V Current - Continuous Drain (Id) @ 25°C 99A Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5V @ 5mA Gate Charge (Qg) (Max) @ Vgs 280nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 14000pF @ 25V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 781W (Tc) Rds On (Max) @ Id, Vgs 39 mOhm @ 49.5A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SP4 Package / Case SP4	Package	SP4
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 99A Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 14000pF @ 25V 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 MOSFET (Metal Oxide) 500V MOSFET (Metal Oxide) 500V 500 500V 500V	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 99A Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 5V @ 5mA Gate Charge (Qg) (Max) @ Vgs 14000pF @ 25V 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 500V 99A 10V 99A 10V 99A 10V 10V 10V 10V 5W 5mA 280nC @ 10V 14000pF @ 25V 25V 25V 25V 25V 25V 25V 26V 27V 27V 28V 28V 28V 28V 28V 28	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Prive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Sv @ 5mA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 39 mOhm @ 49.5A, 10V Operating Temperature Chassis Mount Supplier Device Package Package / Case SP4	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 5V @ 5mA Gate Charge (Qg) (Max) @ Vgs 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 SP4	Drain to Source Voltage (Vdss)	500V
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 Chassis Mount Supplier Device Package Package / Case SP4 SV @ 5mA 280nC @ 10V 14000pF @ 25V 290V 400V Chassis Mount SP4 SP4	Current - Continuous Drain (Id) @ 25°C	99A
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 14000pF @ 25V Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package Package / Case 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 Young Type Chassis Mount Supplier Device Package Package / Case 14000pF @ 25V 14000pF @ 25V	Vgs(th) (Max) @ Id	5V @ 5mA
Vgs (Max)±30VFET Feature-Power Dissipation (Max)781W (Tc)Rds On (Max) @ Id, Vgs39 mOhm @ 49.5A, 10VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeChassis MountSupplier Device PackageSP4Package / CaseSP4	Gate Charge (Qg) (Max) @ Vgs	280nC @ 10V
FET Feature - Power Dissipation (Max) 781W (Tc) Rds On (Max) @ Id, Vgs 39 mOhm @ 49.5A, 10V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Chassis Mount Supplier Device Package SP4 Package / Case SP4	Input Capacitance (Ciss) (Max) @ Vds	14000pF @ 25V
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Rds On (Max) @ Id, Vgs39 mOhm @ 49.5A, 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)	781W (Tc)
Mounting Type Chassis Mount Supplier Device Package SP4 Package / Case SP4	Rds On (Max) @ Id, Vgs	39 mOhm @ 49.5A, 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?

APTM50SKM35TG 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.

APTM50SKM35TG Payment Methods



















APTM50SKM35TG Shipping Methods













If you have any question about APTM50SKM35TG, please do not hesitate to contact us!

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