

MIC94030BM4 TR

MIC94030BM4 TR Information



For Reference Only

Part Number MIC94030BM4 TR
Manufacturer Microchip Technology

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 16V 1A SOT-143

Package TO-253-4, TO-253AA

For the pricing/inventory/lead time, please contact

us

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



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MIC94030BM4 TR Specifications

Manufacturer Part Number MIC94030BM4 TR Manufacturer Microchip Technology Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-253-4, TO-253AA Series TinyFET? FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 16V Current - Continuous Drain (Id) @ 25°C 1A (Ta) Drive Voltage (Max Rds On, Min Rds On) 2.7V, 10V Vgs(th) (Max) @ Id 1.4V @ 250μA Gate Charge (Qg) (Max) @ Vgs 100pF @ 12V Vgs (Max) 16V FET Feature - Power Dissipation (Max) 568mW (Ta) Rds On (Max) @ Id, Vgs 450 mOhm @ 100mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-143 Package / Case TO-253-4, TO-253AA		
CategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - SinglePackageTO-253-4, TO-253AASeriesTinyFET?FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)16VCurrent - Continuous Drain (Id) @ 25°C1A (Ta)Drive Voltage (Max Rds On, Min Rds On)2.7V, 10VVgs(th) (Max) @ Id1.4V @ 250μAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds100pF @ 12VVgs (Max)16VFET Feature-Power Dissipation (Max)568mW (Ta)Rds On (Max) @ Id, Vgs450 mOhm @ 100mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-143Package / CaseTO-253-4, TO-253AA	Manufacturer Part Number	MIC94030BM4 TR
Package TO-253-4, TO-253AA Series TinyFET? FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 16V Current - Continuous Drain (Id) @ 25°C 1A (Ta) Drive Voltage (Max Rds On, Min Rds On) 2.7V, 10V Vgs(th) (Max) @ Id 1.4V @ 250μA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 100pF @ 12V Vgs (Max) 16V FET Feature - Power Dissipation (Max) 568mW (Ta) Rds On (Max) @ Id, Vgs 450 mOhm @ 100mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-143 Package / Case TO-253-4, TO-253AA	Manufacturer	Microchip Technology
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Series TinyFET? FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 16V Current - Continuous Drain (Id) @ 25°C 1A (Ta) Drive Voltage (Max Rds On, Min Rds On) 2.7V, 10V Vgs(th) (Max) @ Id 1.4V @ 250μA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 100pF @ 12V Vgs (Max) 16V FET Feature - Power Dissipation (Max) 568mW (Ta) Rds On (Max) @ Id, Vgs 450 mOhm @ 100mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-143 Package / Case TO-253-4, TO-253AA		Transistors - FETs, MOSFETs - Single
FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)16VCurrent - Continuous Drain (Id) @ 25°C1A (Ta)Drive Voltage (Max Rds On, Min Rds On)2.7V, 10VVgs(th) (Max) @ Id1.4V @ 250μAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds100pF @ 12VVgs (Max)16VFET Feature-Power Dissipation (Max)568mW (Ta)Rds On (Max) @ Id, Vgs450 mOhm @ 100mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-143Package / CaseTO-253-4, TO-253AA	Package	TO-253-4, TO-253AA
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)16VCurrent - Continuous Drain (Id) @ 25°C1A (Ta)Drive Voltage (Max Rds On, Min Rds On)2.7V, 10VVgs(th) (Max) @ Id1.4V @ 250μAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds100pF @ 12VVgs (Max)16VFET Feature-Power Dissipation (Max)568mW (Ta)Rds On (Max) @ Id, Vgs450 mOhm @ 100mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-143Package / CaseTO-253-4, TO-253AA	Series	TinyFET?
Drain to Source Voltage (Vdss)16VCurrent - Continuous Drain (Id) @ 25°C1A (Ta)Drive Voltage (Max Rds On, Min Rds On)2.7V, 10VVgs(th) (Max) @ Id1.4V @ 250μAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds100pF @ 12VVgs (Max)16VFET Feature-Power Dissipation (Max)568mW (Ta)Rds On (Max) @ Id, Vgs450 mOhm @ 100mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-143Package / CaseTO-253-4, TO-253AA	FET Type	P-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Cate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) 16V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 450 mOhm @ 100mA, 10V Operating Temperature Supplier Device Package Package / Case 1A (Ta) 1.A (Ta) 2.7V, 10V 1.4V @ 250µA 1.4V @ 250µA 100pF @ 12V 100p	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)2.7V, 10VVgs(th) (Max) @ Id1.4V @ 250μAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds100pF @ 12VVgs (Max)16VFET Feature-Power Dissipation (Max)568mW (Ta)Rds On (Max) @ Id, Vgs450 mOhm @ 100mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-143Package / CaseTO-253-4, TO-253AA	Drain to Source Voltage (Vdss)	16V
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 Supplier Device Package Package / Case 1.4V @ 250μA	Current - Continuous Drain (Id) @ 25°C	1A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 100pF @ 12V Vgs (Max) 16V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 450 mOhm @ 100mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case TO-253-4, TO-253AA	Drive Voltage (Max Rds On, Min Rds On)	2.7V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) 16V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 450 mOhm @ 100mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-143 Package / Case TO-253-4, TO-253AA	Vgs(th) (Max) @ Id	1.4V @ 250μA
Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case TO-253-4, TO-253AA	Gate Charge (Qg) (Max) @ Vgs	-
FET Feature - Power Dissipation (Max) 568mW (Ta) Rds On (Max) @ Id, Vgs 450 mOhm @ 100mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-143 Package / Case TO-253-4, TO-253AA	Input Capacitance (Ciss) (Max) @ Vds	100pF @ 12V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 450 mOhm @ 100mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-143 Package / Case TO-253-4, TO-253AA	Vgs (Max)	16V
Rds On (Max) @ Id, Vgs450 mOhm @ 100mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-143Package / CaseTO-253-4, TO-253AA	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-143 Package / Case TO-253-4, TO-253AA	Power Dissipation (Max)	568mW (Ta)
Mounting Type Surface Mount Supplier Device Package SOT-143 Package / Case TO-253-4, TO-253AA	Rds On (Max) @ Id, Vgs	450 mOhm @ 100mA, 10V
Supplier Device Package SOT-143 Package / Case TO-253-4, TO-253AA	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case TO-253-4, TO-253AA	Mounting Type	Surface Mount
	Supplier Device Package	SOT-143
Report errors?	Package / Case	TO-253-4, TO-253AA
		Report errors?

MIC94030BM4 TR 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.

MIC94030BM4 TR Payment Methods

































If you have any question about MIC94030BM4 TR, please do not hesitate to contact us!

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