



TSM2307CX RFG Information

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Part Number TSM2307CX RFG **Manufacturer** TSC America Inc.

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET, SINGLE, P-CHANNEL, -30V,

Package TO-236-3, SC-59, SOT-23-3

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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TSM2307CX RFG Specifications

Manufacturer Part Number TSM2307CX RFG Manufacturer TSC America Inc. Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-236-3, SC-59, SOT-23-3 Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 3A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250µA Gate Charge (Qg) (Max) @ Vgs 10nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 565pF @ 30V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1.25W (Ta) Rds On (Max) @ Id, Vgs 95 mOhm @ 3A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-23 Package / Case TO-236-3, SC-59, SOT-23-3 Report errors?		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-236-3, SC-59, SOT-23-3 Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 3A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250µA Gate Charge (Qg) (Max) @ Vgs 10nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 565pF @ 30V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1.25W (Ta) Rds On (Max) @ Id, Vgs 95 mOhm @ 3A, 10V Operating Temperature 150°C (TI) Mounting Type Surface Mount Supplier Device Package SOT-23 Package / Case TO-236-3, SC-59, SOT-23-3	Manufacturer Part Number	TSM2307CX RFG
Package TCO-236-3, SC-59, SOT-23-3 Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 3A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250μA Gate Charge (Qg) (Max) @ Vgs 10nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 565pF @ 30V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1.25W (Ta) Rds On (Max) @ Id, Vgs 95 mOhm @ 3A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-23 Package / Case TO-236-3, SC-59, SOT-23-3	Manufacturer	TSC America Inc.
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Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 3A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250µA Gate Charge (Qg) (Max) @ Vgs 10nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 565pF @ 30V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1.25W (Ta) Rds On (Max) @ Id, Vgs 95 mOhm @ 3A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-23 Package / Case TO-236-3, SC-59, SOT-23-3		Transistors - FETs, MOSFETs - Single
FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C3A (Tc)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs10nC @ 10VInput Capacitance (Ciss) (Max) @ Vds565pF @ 30VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.25W (Ta)Rds On (Max) @ Id, Vgs95 mOhm @ 3A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-23Package / CaseTO-236-3, SC-59, SOT-23-3	Package	TO-236-3, SC-59, SOT-23-3
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C3A (Tc)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs10nC @ 10VInput Capacitance (Ciss) (Max) @ Vds565pF @ 30VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.25W (Ta)Rds On (Max) @ Id, Vgs95 mOhm @ 3A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-23Package / CaseTO-236-3, SC-59, SOT-23-3	Series	-
Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C3A (Tc)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs10nC @ 10VInput Capacitance (Ciss) (Max) @ Vds565pF @ 30VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.25W (Ta)Rds On (Max) @ Id, Vgs95 mOhm @ 3A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-23Package / CaseTO-236-3, SC-59, SOT-23-3	FET Type	P-Channel
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 95 mOhm @ 3A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 3A (Tc) 3D (Text) 4.5V, 10V 565pF @ 30V +20V FET Feature - Power Dissipation (Max) 1.25W (Ta) 95 mOhm @ 3A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-236-3, SC-59, SOT-23-3	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 3V @ 250μA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case TO-236-3, SC-59, SOT-23-3	Drain to Source Voltage (Vdss)	30V
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 3V @ 250μA 10nC @ 10V 10nC @ 10N 10nC @ 10V 10nC @ 10N 10nC @ 1	Current - Continuous Drain (Id) @ 25°C	3A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 565pF @ 30V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 95 mOhm @ 3A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case TO-236-3, SC-59, SOT-23-3	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 565pF @ 30V ±20V	Vgs(th) (Max) @ Id	3V @ 250μA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)1.25W (Ta)Rds On (Max) @ Id, Vgs95 mOhm @ 3A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-23Package / CaseTO-236-3, SC-59, SOT-23-3	Gate Charge (Qg) (Max) @ Vgs	10nC @ 10V
FET Feature - Power Dissipation (Max) 1.25W (Ta) Rds On (Max) @ Id, Vgs 95 mOhm @ 3A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-23 Package / Case TO-236-3, SC-59, SOT-23-3	Input Capacitance (Ciss) (Max) @ Vds	565pF @ 30V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 95 mOhm @ 3A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case TO-236-3, SC-59, SOT-23-3	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs95 mOhm @ 3A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-23Package / CaseTO-236-3, SC-59, SOT-23-3	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-23 Package / Case TO-236-3, SC-59, SOT-23-3	Power Dissipation (Max)	1.25W (Ta)
Mounting Type Surface Mount Supplier Device Package SOT-23 Package / Case TO-236-3, SC-59, SOT-23-3	Rds On (Max) @ Id, Vgs	95 mOhm @ 3A, 10V
Supplier Device Package SOT-23 Package / Case TO-236-3, SC-59, SOT-23-3	Operating Temperature	150°C (TJ)
Package / Case TO-236-3, SC-59, SOT-23-3	Mounting Type	Surface Mount
	Supplier Device Package	SOT-23
Report errors?	Package / Case	TO-236-3, SC-59, SOT-23-3
		Report errors?

TSM2307CX RFG 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.

TSM2307CX RFG Payment Methods



















TSM2307CX RFG Shipping Methods













If you have any question about TSM2307CX RFG, please do not hesitate to contact us!

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