



TSM7NC60CF C0G Information

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Part Number TSM7NC60CF COG **Manufacturer** TSC America Inc.

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET, SINGLE, N-CHANNEL, PLANA

Package TO-220-3 Full Pack

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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Certified Quality

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TSM7NC60CF C0G Specifications

Manufacturer Part Number TSM7NC60CF COG Manufacturer TSC America Inc. 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) 600V Current - Continuous Drain (Id) @ 25°C 7A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4.5V @ 250µA Gate Charge (Qg) (Max) @ Vgs 24nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1169pF @ 50V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 44.6W (Tc) Rds On (Max) @ Id, Vgs 1.2 Ohm @ 2A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ITO-220S Package / Case TO-220-3 Full Pack		
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Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 600V Current - Continuous Drain (Id) @ 25°C 7A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4.5V @ 250μA Gate Charge (Qg) (Max) @ Vgs 24nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1169pF @ 50V Vgs (Max) ±30V FET Feature - Power Dissipation (Max) 44.6W (Tc) Rds On (Max) @ Id, Vgs 1.2 Ohm @ 2A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ITO-220S Package / Case TO-220-3 Full Pack		Transistors - FETs, MOSFETs - Single
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TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)600VCurrent - Continuous Drain (Id) @ 25°C7A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4.5V @ 250μAGate Charge (Qg) (Max) @ Vgs24nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1169pF @ 50VVgs (Max)±30VFET Feature-Power Dissipation (Max)44.6W (Tc)Rds On (Max) @ Id, Vgs1.2 Ohm @ 2A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageITO-220SPackage / CaseTO-220-3 Full Pack	Series	-
Drain to Source Voltage (Vdss)600VCurrent - Continuous Drain (Id) @ 25°C7A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4.5V @ 250μAGate Charge (Qg) (Max) @ Vgs24nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1169pF @ 50VVgs (Max)±30VFET Feature-Power Dissipation (Max)44.6W (Tc)Rds On (Max) @ Id, Vgs1.2 Ohm @ 2A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageITO-220SPackage / CaseTO-220-3 Full Pack	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 Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.2 Ohm @ 2A, 10V Operating Temperature Supplier Device Package Package / Case 7A (Tc) 7A	Technology	MOSFET (Metal Oxide)
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 1.2 Ohm @ 2A, 10V Operating Temperature Supplier Device Package Package / Case 10V 1169pF @ 50V ±30V 1169pF @ 50V	Drain to Source Voltage (Vdss)	600V
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 4.5V @ 250μA 4.5V @ 250μA 44.6V (Tc) 11.69pF @ 50V 43.0V 11.69pF @ 50V 11.	Current - Continuous Drain (Id) @ 25°C	7A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 1169pF @ 50V Vgs (Max) ±30V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.2 Ohm @ 2A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package Package / Case TO-220-3 Full Pack	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 1.2 Ohm @ 2A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ITO-220S Package / Case TO-220-3 Full Pack	Vgs(th) (Max) @ Id	4.5V @ 250μA
Vgs (Max)±30VFET Feature-Power Dissipation (Max)44.6W (Tc)Rds On (Max) @ Id, Vgs1.2 Ohm @ 2A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageITO-220SPackage / CaseTO-220-3 Full Pack	Gate Charge (Qg) (Max) @ Vgs	24nC @ 10V
FET Feature - Power Dissipation (Max) 44.6W (Tc) Rds On (Max) @ Id, Vgs 1.2 Ohm @ 2A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ITO-220S Package / Case TO-220-3 Full Pack	Input Capacitance (Ciss) (Max) @ Vds	1169pF @ 50V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.2 Ohm @ 2A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ITO-220S Package / Case TO-220-3 Full Pack	Vgs (Max)	±30V
Rds On (Max) @ Id, Vgs1.2 Ohm @ 2A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageITO-220SPackage / CaseTO-220-3 Full Pack	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ITO-220S Package / Case TO-220-3 Full Pack	Power Dissipation (Max)	44.6W (Tc)
Mounting Type Through Hole Supplier Device Package ITO-220S Package / Case TO-220-3 Full Pack	Rds On (Max) @ Id, Vgs	1.2 Ohm @ 2A, 10V
Supplier Device Package ITO-220S Package / Case TO-220-3 Full Pack	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case TO-220-3 Full Pack	Mounting Type	Through Hole
	Supplier Device Package	ITO-220S
Report errors?	Package / Case	TO-220-3 Full Pack
		Report errors?

TSM7NC60CF C0G 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.

TSM7NC60CF C0G Payment Methods



















TSM7NC60CF C0G Shipping Methods













If you have any question about TSM7NC60CF C0G, please do not hesitate to contact us!

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