



TSM340N06CH X0G Information

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Part Number TSM340N06CH X0G Manufacturer TSC America Inc.

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET, SINGLE, N-CHANNEL, TRENC

Package TO-251-3 Stub Leads, IPak

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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TSM340N06CH X0G Specifications

Manufacturer Part Number TSM 340N06CH X0G Manufacturer TSC America Inc. Category Discrete Semiconductor Products Package TO-251-3 Stub Leads, IPak Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 30A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2.5V @ 250µA Gate Charge (Qg) (Max) @ Vgs 16.6nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1180pF @ 30V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 66W (Tc) Rds On (Max) @ Id, Vgs 34 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole		
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PackageTO-251-3 Stub Leads, IPakSeries-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C30A (Tc)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs16.6nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1180pF @ 30VVgs (Max)±20VFET Feature-Power Dissipation (Max)66W (Tc)Rds On (Max) @ Id, Vgs34 mOhm @ 15A, 10VOperating Temperature150°C (TJ)Mounting TypeThrough Hole	Category	Discrete Semiconductor Products
Series-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C30A (Tc)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs16.6nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1180pF @ 30VVgs (Max)±20VFET Feature-Power Dissipation (Max)66W (Tc)Rds On (Max) @ Id, Vgs34 mOhm @ 15A, 10VOperating Temperature150°C (TJ)Mounting TypeThrough Hole		Transistors - FETs, MOSFETs - Single
FET Type Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V 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 1180pF @ 30V Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 34 mOhm @ 15A, 10V Operating Temperature Mounting Type N-Channel N-Channel N-Channel N-Channel N-Channel N-Channel N-Channel N-Channel N-Channel 80V 60V 60V 60V 2.5V @ 250μA 1180pF @ 30V ±20V FET Feature - Power Dissipation (Max) 150°C (TJ) Through Hole	Package	TO-251-3 Stub Leads, IPak
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C30A (Tc)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs16.6nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1180pF @ 30VVgs (Max)±20VFET Feature-Power Dissipation (Max)66W (Tc)Rds On (Max) @ Id, Vgs34 mOhm @ 15A, 10VOperating Temperature150°C (TJ)Mounting TypeThrough Hole	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 30A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Cate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 34 mOhm @ 15A, 10V Operating Temperature Mounting Type 60V 30A (Tc) 30A (Tc) 30A (Tc) 30A (Tc) 30A (Tc) 4.5V, 10V 2.5V @ 250μA 16.6nC @ 10V 1180pF @ 30V 220V FET Feature - Through Hole	FET Type	N-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) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type 30A (Tc) 4.5V, 10V 4.5V, 10V 2.5V @ 250μA 16.6nC @ 10V 1180pF @ 30V ±20V 66W (Tc) 34 mOhm @ 15A, 10V Through Hole	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs16.6nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1180pF @ 30VVgs (Max)±20VFET Feature-Power Dissipation (Max)66W (Tc)Rds On (Max) @ Id, Vgs34 mOhm @ 15A, 10VOperating Temperature150°C (TJ)Mounting TypeThrough Hole	Drain to Source Voltage (Vdss)	60V
Vgs(th) (Max) @ Id 2.5V @ 250μA Gate Charge (Qg) (Max) @ Vgs 16.6nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1180pF @ 30V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 66W (Tc) Rds On (Max) @ Id, Vgs 34 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole	Current - Continuous Drain (Id) @ 25°C	30A (Tc)
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 16.6nC @ 10V 1180pF @ 30V 120V 66W (Tc) 34 mOhm @ 15A, 10V Through Hole	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 Mounting Type 1180pF @ 30V ±20V 66W (Tc) 34 mOhm @ 15A, 10V 150°C (TJ) Through Hole	Vgs(th) (Max) @ Id	2.5V @ 250μA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)66W (Tc)Rds On (Max) @ Id, Vgs34 mOhm @ 15A, 10VOperating Temperature150°C (TJ)Mounting TypeThrough Hole	Gate Charge (Qg) (Max) @ Vgs	16.6nC @ 10V
FET Feature - Power Dissipation (Max) 66W (Tc) Rds On (Max) @ Id, Vgs 34 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole	Input Capacitance (Ciss) (Max) @ Vds	1180pF @ 30V
Power Dissipation (Max) 66W (Tc) Rds On (Max) @ Id, Vgs 34 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs34 mOhm @ 15A, 10VOperating Temperature150°C (TJ)Mounting TypeThrough Hole	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Through Hole	Power Dissipation (Max)	66W (Tc)
Mounting Type Through Hole	Rds On (Max) @ Id, Vgs	34 mOhm @ 15A, 10V
	Operating Temperature	150°C (TJ)
	Mounting Type	Through Hole
Supplier Device Package TO-251 (IPAK)	Supplier Device Package	TO-251 (IPAK)
Package / Case TO-251-3 Stub Leads, IPak	Package / Case	TO-251-3 Stub Leads, IPak
Report errors?		Report errors?

TSM340N06CH X0G 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.

TSM340N06CH X0G Payment Methods



















TSM340N06CH X0G Shipping Methods













If you have any question about TSM340N06CH X0G, please do not hesitate to contact us!

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