

## TSM480P06CH X0G

#### TSM480P06CH X0G Information

Heisener.com

Part Number TSM480P06CH X0G Manufacturer TSC America Inc.

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** MOSFET, SINGLE, P-CHANNEL, -60V,

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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# TSM480P06CH X0G Specifications

Manufacturer Part Number         TSM480P06CH X0G           Manufacturer         TSC America Inc.           Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-251-3 Stub Leads, IPak           Series         -           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         60V           Current - Continuous Drain (Id) @ 25°C         20A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         4.5V, 10V           Vgs(th) (Max) @ Id         2.2V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         22.4nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         1250pF @ 30V           Vgs (Max)         ±2V           FET Feature         -           Power Dissipation (Max)         66W (Tc)           Rds On (Max) @ Id, Vgs         48 mOhm @ 8A, 10V           Operating Temperature         -50°C ~ 150°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-251 (IPAK)           Package / Case         TO-251-3 Stub Leads, IPak		
Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-251-3 Stub Leads, IPak           Series         -           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         60V           Current - Continuous Drain (Id) @ 25°C         20A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         4.5V, 10V           Vgs(th) (Max) @ Id         2.2V @ 250μA           Gate Charge (Qg) (Max) @ Vgs         22.4nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         1250pF @ 30V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         66W (Tc)           Rds On (Max) @ Id, Vgs         48 mOhm @ 8A, 10V           Operating Temperature         -50°C ~ 150°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-251 (IPAK)           Package / Case         TO-251-3 Stub Leads, IPak	Manufacturer Part Number	TSM480P06CH X0G
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Package         TO-251-3 Stub Leads, IPak           Series         -           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         60V           Current - Continuous Drain (Id) @ 25°C         20A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         4.5V, 10V           Vgs(th) (Max) @ Id         2.2V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         22.4nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         1250pF @ 30V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         66W (Tc)           Rds On (Max) @ Id, Vgs         48 mOhm @ 8A, 10V           Operating Temperature         -50°C ~ 150°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-251 (IPAK)           Package / Case         TO-251-3 Stub Leads, IPak	Category	Discrete Semiconductor Products
Series         -           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         60V           Current - Continuous Drain (Id) @ 25°C         20A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         4.5V, 10V           Vgs(th) (Max) @ Id         2.2V @ 250μA           Gate Charge (Qg) (Max) @ Vgs         22.4nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         1250pF @ 30V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         66W (Tc)           Rds On (Max) @ Id, Vgs         48 mOhm @ 8A, 10V           Operating Temperature         -50°C ~ 150°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-251 (IPAK)           Package / Case         TO-251-3 Stub Leads, IPak		Transistors - FETs, MOSFETs - Single
FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 20A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2.2V @ 250µA Gate Charge (Qg) (Max) @ Vgs 22.4nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1250pF @ 30V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 66W (Tc) Rds On (Max) @ Id, Vgs 48 mOhm @ 8A, 10V Operating Temperature -50°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-251 (IPAK) Package / Case	Package	TO-251-3 Stub Leads, IPak
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C20A (Tc)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.2V @ 250μAGate Charge (Qg) (Max) @ Vgs22.4nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1250pF @ 30VVgs (Max)±20VFET Feature-Power Dissipation (Max)66W (Tc)Rds On (Max) @ Id, Vgs48 mOhm @ 8A, 10VOperating Temperature-50°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-251 (IPAK)Package / CaseTO-251-3 Stub Leads, IPak	Series	-
Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C20A (Tc)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.2V @ 250μAGate Charge (Qg) (Max) @ Vgs22.4nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1250pF @ 30VVgs (Max)±20VFET Feature-Power Dissipation (Max)66W (Tc)Rds On (Max) @ Id, Vgs48 mOhm @ 8A, 10VOperating Temperature-50°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-251 (IPAK)Package / CaseTO-251-3 Stub Leads, IPak	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  1250pF @ 30V  Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  48 mOhm @ 8A, 10V  Operating Temperature  Current - Continuous Drain (Id) @ 25°C  20A (Tc)  4.5V, 10V  2.2V @ 250μA  22.4nC @ 10V  1250pF @ 30V  ±20V  FET Feature  - Cover Dissipation (Max)  Fower Dissipation (Max)  All Mounting Type  Through Hole  Supplier Device Package  TO-251 (IPAK)  Package / Case  TO-251-3 Stub Leads, IPak	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.2V @ 250μAGate Charge (Qg) (Max) @ Vgs22.4nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1250pF @ 30VVgs (Max)±20VFET Feature-Power Dissipation (Max)66W (Tc)Rds On (Max) @ Id, Vgs48 mOhm @ 8A, 10VOperating Temperature-50°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-251 (IPAK)Package / CaseTO-251-3 Stub Leads, IPak	Drain to Source Voltage (Vdss)	60V
Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  Vgs (Max)  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  Operating Temperature  Supplier Device Package  TO-251 (IPAK)  Package / Case  2.2V @ 250μA  2.2V @ 250μA  2.24nC @ 10V  1250pF @ 30V  420V  FET Feature  -  Though Hole  Through Hole  TO-251 (IPAK)  TO-251-3 Stub Leads, IPak	Current - Continuous Drain (Id) @ 25°C	20A (Tc)
Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  1250pF @ 30V  Vgs (Max)  ±20V  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  48 mOhm @ 8A, 10V  Operating Temperature  -50°C ~ 150°C (TJ)  Mounting Type  Through Hole  Supplier Device Package  TO-251-3 Stub Leads, IPak	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  Through Hole  Supplier Device Package  TO-251-3 Stub Leads, IPak	Vgs(th) (Max) @ Id	2.2V @ 250μA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)66W (Tc)Rds On (Max) @ Id, Vgs48 mOhm @ 8A, 10VOperating Temperature-50°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-251 (IPAK)Package / CaseTO-251-3 Stub Leads, IPak	Gate Charge (Qg) (Max) @ Vgs	22.4nC @ 10V
FET Feature - Power Dissipation (Max) 66W (Tc) Rds On (Max) @ Id, Vgs 48 mOhm @ 8A, 10V Operating Temperature -50°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-251 (IPAK) Package / Case TO-251-3 Stub Leads, IPak	Input Capacitance (Ciss) (Max) @ Vds	1250pF @ 30V
Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  48 mOhm @ 8A, 10V  Operating Temperature  -50°C ~ 150°C (TJ)  Mounting Type  Through Hole  Supplier Device Package  TO-251 (IPAK)  Package / Case  TO-251-3 Stub Leads, IPak	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs48 mOhm @ 8A, 10VOperating Temperature-50°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-251 (IPAK)Package / CaseTO-251-3 Stub Leads, IPak	FET Feature	-
Operating Temperature  -50°C ~ 150°C (TJ)  Mounting Type  Through Hole  Supplier Device Package  TO-251 (IPAK)  Package / Case  TO-251-3 Stub Leads, IPak	Power Dissipation (Max)	66W (Tc)
Mounting Type Through Hole Supplier Device Package TO-251 (IPAK) Package / Case TO-251-3 Stub Leads, IPak	Rds On (Max) @ Id, Vgs	48 mOhm @ 8A, 10V
Supplier Device Package TO-251 (IPAK) Package / Case TO-251-3 Stub Leads, IPak	Operating Temperature	-50°C ~ 150°C (TJ)
Package / Case TO-251-3 Stub Leads, IPak	Mounting Type	Through Hole
	Supplier Device Package	TO-251 (IPAK)
Report errors?	Package / Case	TO-251-3 Stub Leads, IPak
		Report errors?

#### TSM480P06CH 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.

### TSM480P06CH X0G Payment Methods



















### TSM480P06CH X0G Shipping Methods













If you have any question about TSM480P06CH X0G, please do not hesitate to contact us!

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