



TK25E06K3,S1X(S Information

Part Number TK25E06K3,S1X(S

Manufacturer Toshiba Semiconductor and Storage

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

MOSFET N-CH 60V 25A TO-220AB

Package TO-220-3

Description

For the pricing/inventory/lead time, please contact

us

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



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For Reference Only

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TK25E06K3,S1X(S Specifications

Manufacturer Part Number TK25E06K3,S1X(S Manufacturer Toshiba Semiconductor and Storage Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-220-3 Series U-MOSIV FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 25A Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id 2- Gate Charge (Qg) (Max) @ Vgs 29nC @ 10V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) - FET Feature - Power Dissipation (Max) - Rds On (Max) @ Id, Vgs 18 mOhm @ 12.5A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220-3 Package / Case TO-220-3 Report errors? Report errors?		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-220-3 Series U-MOSIV FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 25A Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 1put Capacitance (Ciss) (Max) @ Vds Vgs (Max) - FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 18 mOhm @ 12.5A, 10V Operating Temperature Mounting Type Supplier Device Package Package / Case TO-220-3 Package / Case	Manufacturer Part Number	TK25E06K3,S1X(S
Package TO-220-3 Series U-MOSIV FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 25A Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 29nC @ 10V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) - FET Feature - Power Dissipation (Max) - Rds On (Max) @ Id, Vgs 18 mOhm @ 12.5A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220-3 Package / Case TO-220-3	Manufacturer	Toshiba Semiconductor and Storage
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Series U-MOSIV FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 25A Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 29nC @ 10V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) - FET Feature - Power Dissipation (Max) - Rds On (Max) @ Id, Vgs 18 mOhm @ 12.5A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220-3 Package / Case TO-220-3		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 25A Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 29nC @ 10V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) - FET Feature - Power Dissipation (Max) - Rds On (Max) @ Id, Vgs 18 mOhm @ 12.5A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package 70-220-3 Package / Case 71 To 220-3	Package	TO-220-3
Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 25A Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 29nC @ 10V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) - FET Feature - Power Dissipation (Max) - Rds On (Max) @ Id, Vgs 18 mOhm @ 12.5A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220-3 Package / Case TO-220-3	Series	U-MOSIV
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 25A 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 Operating Temperature Mounting Type Through Hole Supplier Device Package Package / Case 60V 25A 25A 25A 25A	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 25A Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 29nC @ 10V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) - FET Feature - Power Dissipation (Max) - Rds On (Max) @ Id, Vgs 18 mOhm @ 12.5A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220-3 Package / Case TO-220-3	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 Is mOhm @ 12.5A, 10V Operating Temperature Mounting Type Through Hole Supplier Device Package Package / Case TO-220-3	Drain to Source Voltage (Vdss)	60V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 29nC @ 10V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 18 mOhm @ 12.5A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220-3 Package / Case TO-220-3	Current - Continuous Drain (Id) @ 25°C	25A
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs Is mOhm @ 12.5A, 10V Operating Temperature Mounting Type Through Hole Supplier Device Package TO-220-3 Package / Case TO-220-3	Drive Voltage (Max Rds On, Min Rds On)	-
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) - FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 18 mOhm @ 12.5A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220-3 Package / Case TO-220-3	Vgs(th) (Max) @ Id	-
Vgs (Max) - CFET Feature Fower Dissipation (Max) - CFET Feature Fower Dissipation (Max) @ Id, Vgs Fower Device Package Fowe	Gate Charge (Qg) (Max) @ Vgs	29nC @ 10V
FET Feature - Power Dissipation (Max) - Rds On (Max) @ Id, Vgs 18 mOhm @ 12.5A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220-3 Package / Case TO-220-3	Input Capacitance (Ciss) (Max) @ Vds	-
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 18 mOhm @ 12.5A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220-3 Package / Case TO-220-3	Vgs (Max)	-
Rds On (Max) @ Id, Vgs 18 mOhm @ 12.5A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220-3 Package / Case TO-220-3	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package TO-220-3 Package / Case TO-220-3	Power Dissipation (Max)	-
Mounting Type Through Hole Supplier Device Package TO-220-3 Package / Case TO-220-3	Rds On (Max) @ Id, Vgs	18 mOhm @ 12.5A, 10V
Supplier Device Package TO-220-3 Package / Case TO-220-3	Operating Temperature	150°C (TJ)
Package / Case TO-220-3	Mounting Type	Through Hole
-	Supplier Device Package	TO-220-3
Report errors?	Package / Case	TO-220-3
		Report errors?

TK25E06K3,S1X(S 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.

TK25E06K3,S1X(S Payment Methods



















TK25E06K3,S1X(S Shipping Methods













If you have any question about TK25E06K3,S1X(S, please do not hesitate to contact us!

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