



DMN5L06WKQ-7 Information

Heisener.com

Part Number DMN5L06WKQ-7
Manufacturer Diodes Incorporated

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 50V SOT323

Package SC-70, SOT-323

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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DMN5L06WKQ-7 Specifications

Manufacturer Part Number DMNSL06WKQ-7 Manufacturer Diodes Incorporated Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package SC-70, SOT-323 Series Automotive, AEC-Q101 FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 50V Current - Continuous Drain (Id) @ 25°C 300mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.8V, 5V Vgs(th) (Max) @ Id 1V @ 250µA Gate Charge (Qg) (Max) @ Vgs 1V @ 250µA Gate Charge (Qg) (Max) @ Vds 50pF @ 25V Vgs (Max) ± 20V FET Feature - Power Dissipation (Max) 250mW (Ta) Rds On (Max) @ Id, Vgs 2 Ohm @ 50mA, 5V Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-323 Package / Case SC-70, SOT-323		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Sc-70, SOT-323 Series Automotive, AEC-Q101 FET Type N-Channel Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vds Vgs (Max) Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature MosfET (Metal Oxide) 1.8V, 5V 1.8V, 5V 1.8V, 5V 2.5Uph Surface Mount Supplier Device Package SC-70, SOT-323 Sc-70, SOT-323 Package / Case	Manufacturer Part Number	DMN5L06WKQ-7
Package SC-70, SOT-323 Series Automotive, AEC-Q101 FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 50V Current - Continuous Drain (Id) @ 25°C 300mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.8V, 5V Vgs(th) (Max) @ Id 1V @ 250μA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 50pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 250mW (Ta) Rds On (Max) @ Id, Vgs 2 Ohm @ 50mA, 5V Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-323 Package / Case SC-70, SOT-323	Manufacturer	Diodes Incorporated
Package SC-70, SOT-323 Series Automotive, AEC-Q101 FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 50V Current - Continuous Drain (Id) @ 25°C 300mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.8V, 5V Vgs(th) (Max) @ Id 1V @ 250μA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 50pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 250mW (Ta) Rds On (Max) @ Id, Vgs 2 Ohm @ 50mA, 5V Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-323 Package / Case SC-70, SOT-323	Category	Discrete Semiconductor Products
SeriesAutomotive, AEC-Q101FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)50VCurrent - Continuous Drain (Id) @ 25°C300mA (Ta)Drive Voltage (Max Rds On, Min Rds On)1.8V, 5VVgs(th) (Max) @ Id1V @ 250µAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds50pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)250mW (Ta)Rds On (Max) @ Id, Vgs2 Ohm @ 50mA, 5VOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-323Package / CaseSC-70, SOT-323		Transistors - FETs, MOSFETs - Single
FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)50VCurrent - Continuous Drain (Id) @ 25°C300mA (Ta)Drive Voltage (Max Rds On, Min Rds On)1.8V, 5VVgs(th) (Max) @ Id1V @ 250μAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds50pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)250mW (Ta)Rds On (Max) @ Id, Vgs2 Ohm @ 50mA, 5VOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-323Package / CaseSC-70, SOT-323	Package	SC-70, SOT-323
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 300mA (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id IV @ 250μA Gate Charge (Qg) (Max) @ Vds Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature -Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case MOSFET (Metal Oxide) 50V MOSFET (Metal Oxide) 50V 300mA (Ta) 1.8V, 5V 1.8V, 5V 1.8V, 5V 2.8V 2.8V 2.8V 2.8V 2.8V 2.8V 2.8V 2.8	Series	Automotive, AEC-Q101
Drain to Source Voltage (Vdss)50VCurrent - Continuous Drain (Id) @ 25°C300mA (Ta)Drive Voltage (Max Rds On, Min Rds On)1.8V, 5VVgs(th) (Max) @ Id1V @ 250μAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds50pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)250mW (Ta)Rds On (Max) @ Id, Vgs2 Ohm @ 50mA, 5VOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-323Package / CaseSC-70, SOT-323	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 300mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.8V, 5V Vgs(th) (Max) @ Id 1V @ 250µA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 50pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 250mW (Ta) Rds On (Max) @ Id, Vgs 20m @ 50mA, 5V Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-323 Package / Case SC-70, SOT-323	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)1.8V, 5VVgs(th) (Max) @ Id1V @ 250μAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds50pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)250mW (Ta)Rds On (Max) @ Id, Vgs2 Ohm @ 50mA, 5VOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-323Package / CaseSC-70, SOT-323	Drain to Source Voltage (Vdss)	50V
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 Operating Type Surface Mount Supplier Device Package Package / Case 1V @ 250μA 1V @ 250μA	Current - Continuous Drain (Id) @ 25°C	300mA (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Gordan Surface Mount Supplier Device Package Package / Case SC-70, SOT-323	Drive Voltage (Max Rds On, Min Rds On)	1.8V, 5V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 2 Ohm @ 50mA, 5V Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-323 Package / Case SC-70, SOT-323	Vgs(th) (Max) @ Id	1V @ 250μA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)250mW (Ta)Rds On (Max) @ Id, Vgs2 Ohm @ 50mA, 5VOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-323Package / CaseSC-70, SOT-323	Gate Charge (Qg) (Max) @ Vgs	-
FET Feature - Case - Case - Case - SC-70, SOT-323	Input Capacitance (Ciss) (Max) @ Vds	50pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 2 Ohm @ 50mA, 5V Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-323 Package / Case SC-70, SOT-323	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs2 Ohm @ 50mA, 5VOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-323Package / CaseSC-70, SOT-323	FET Feature	-
Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-323 Package / Case SC-70, SOT-323	Power Dissipation (Max)	250mW (Ta)
Mounting Type Surface Mount Supplier Device Package SOT-323 Package / Case SC-70, SOT-323	Rds On (Max) @ Id, Vgs	2 Ohm @ 50mA, 5V
Supplier Device Package SOT-323 Package / Case SC-70, SOT-323	Operating Temperature	-65°C ~ 150°C (TJ)
Package / Case SC-70, SOT-323	Mounting Type	Surface Mount
	Supplier Device Package	SOT-323
Report errors?	Package / Case	SC-70, SOT-323
		Report errors?

DMN5L06WKQ-7 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.

DMN5L06WKQ-7 Payment Methods



















DMN5L06WKQ-7 Shipping Methods













If you have any question about DMN5L06WKQ-7, please do not hesitate to contact us!

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