



RSD150N06TL Information



For Reference Only

Part Number RSD150N06TL

Manufacturer Rohm Semiconductor

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 60V 15A CPT3

Package TO-252-3, DPak (2 Leads + Tab), SC-63

For the pricing/inventory/lead time, please contact

us

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



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RSD150N06TL Specifications

Manufacturer Part Number RSD150N06TL Manufacturer Rohm Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 15A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 3V @ ImA Gate Charge (Qg) (Max) @ Vgs 18nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 930pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 20W (Tc) Rds On (Max) @ Id, Vgs 40 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Report errors?		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 15A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 3V @ 1mA Gate Charge (Qg) (Max) @ Vgs 18nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 930pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 20W (Tc) Rds On (Max) @ Id, Vgs 40 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Manufacturer Part Number	RSD150N06TL
Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 15A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 3V @ 1mA Gate Charge (Qg) (Max) @ Vgs 18nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 930pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 20W (Tc) Rds On (Max) @ Id, Vgs 40 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Manufacturer	Rohm Semiconductor
Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 15A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 3V @ 1mA Gate Charge (Qg) (Max) @ Vgs 18nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 930pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 20W (Tc) Rds On (Max) @ Id, Vgs 40 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case To-252-3, DPak (2 Leads + Tab), SC-63	Category	Discrete Semiconductor Products
Series-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C15A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id3V @ 1mAGate Charge (Qg) (Max) @ Vgs18nC @ 10VInput Capacitance (Ciss) (Max) @ Vds930pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)20W (Tc)Rds On (Max) @ Id, Vgs40 mOhm @ 15A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageCPT3Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63		Transistors - FETs, MOSFETs - Single
FET Type Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 15A (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 3 V @ ImA Gate Charge (Qg) (Max) @ Vgs 18nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 930pF @ 10V Vgs (Max) £20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 40 mOhm @ 15A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case N-Channel N-Channel N-Channel N-Channel N-Channel N-Channel N-Channel N-Channel N-Channel AUSFET (Metal Oxide) AUSFET (Metal Oxide) AUSFET (Metal Oxide) AUSFET (AUSFET) Surface Hount To-252-3, DPak (2 Leads + Tab), SC-63	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 15A (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 3V @ 1mA Gate Charge (Qg) (Max) @ Vgs 18nC @ 10V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 40 mOhm @ 15A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 15A (Ta) 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 Surface Mount Supplier Device Package Package / Case 60V 15A (Ta) 15D (V ImA 15D (V Ima	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 40 mOhm @ 15A, 10V Operating Temperature Supplier Device Package Package / Case 15A (Ta) 15A (Ta) 15A (Ta) 15A (Ta) 15A (Ta) 15A (Ta) 15D (TIO	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 3V @ 1mA Gate Charge (Qg) (Max) @ Vgs 18nC @ 10V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 20W (Tc) Rds On (Max) @ Id, Vgs 40 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Drain to Source Voltage (Vdss)	60V
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 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Continuous Drain (Id) @ 25°C	15A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 930pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 40 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Drive Voltage (Max Rds On, Min Rds On)	4V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case 930pF @ 10V 420V 40 mOhm @ 15A, 10V CULON Surface Mount Surface Mount CPT3 TO-252-3, DPak (2 Leads + Tab), SC-63	Vgs(th) (Max) @ Id	3V @ 1mA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)20W (Tc)Rds On (Max) @ Id, Vgs40 mOhm @ 15A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageCPT3Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Gate Charge (Qg) (Max) @ Vgs	18nC @ 10V
FET Feature - Power Dissipation (Max) 20W (Tc) Rds On (Max) @ Id, Vgs 40 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Input Capacitance (Ciss) (Max) @ Vds	930pF @ 10V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 40 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs40 mOhm @ 15A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageCPT3Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Power Dissipation (Max)	20W (Tc)
Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Rds On (Max) @ Id, Vgs	40 mOhm @ 15A, 10V
Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Operating Temperature	150°C (TJ)
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Mounting Type	Surface Mount
	Supplier Device Package	CPT3
Report errors?	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
		Report errors?

RSD150N06TL 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.

RSD150N06TL Payment Methods



















RSD150N06TL Shipping Methods













If you have any question about RSD150N06TL, please do not hesitate to contact us!

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