



RSF014N03TL Information



For Reference Only

Part Number RSF014N03TL

Manufacturer Rohm Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 30V 1.4A TUMT3

Package 3-SMD, Flat Leads

For the pricing/inventory/lead time, please contact

us

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



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RSF014N03TL Specifications

Manufacturer Part NumberRSF014N03TLManufacturerRohm SemiconductorCategoryDiscrete Semiconductor Products Transistors - FETs, MOSFETs - SinglePackage3-SMD, Flat LeadsSeries-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C1.4A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id2.5V @ ImAGate Charge (Qg) (Max) @ Vgs2nC @ 5VInput Capacitance (Ciss) (Max) @ Vds70pF @ 10VVgs (Max)20VFET Feature-Power Dissipation (Max)800mW (Ta)Rds On (Max) @ Id, Vgs240 mOhm @ 1.4A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageTUMT3Package / Case3-SMD, Flat LeadsReport errors?		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single 3-SMD, Flat Leads Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Tosin to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 1.4A (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) 20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs About Max (Max) @ 1d, Vgs Current - Continuous Drain (Id) @ 25°C TUMT3 Package / Case Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single 3-SMD, Flat Leads	Manufacturer Part Number	RSF014N03TL
Package 3-SMD, Flat Leads Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 1.4A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ ImA Gate Charge (Qg) (Max) @ Vgs 2nC 5V Input Capacitance (Ciss) (Max) @ Vds 70pF @ 10V Vgs (Max) 20V FET Feature - Power Dissipation (Max) 800mW (Ta) Rds On (Max) @ Id, Vgs 240 mOhm @ 1.4A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TUMT3 Package / Case 300	Manufacturer	Rohm Semiconductor
Package3-SMD, Flat LeadsSeries-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C1.4A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id2.5V @ 1mAGate Charge (Qg) (Max) @ Vgs2nC @ 5VInput Capacitance (Ciss) (Max) @ Vds70pF @ 10VVgs (Max)20VFET Feature-Power Dissipation (Max)800mW (Ta)Rds On (Max) @ Id, Vgs240 mOhm @ 1.4A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageTUMT3Package / Case3-SMD, Flat Leads	Category	Discrete Semiconductor Products
Series - Channel FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 1.4A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 2nC 65V Input Capacitance (Ciss) (Max) @ Vds 70pF @ 10V Vgs (Max) 20V FET Feature - Continuous Max) 800mW (Ta) Rds On (Max) @ Id, Vgs 240 mOhm @ 1.4A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TUMT3 Package / Case 30V		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 1.4A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ ImA Gate Charge (Qg) (Max) @ Vgs 2nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 70pF @ 10V Vgs (Max) 20V FET Feature - Power Dissipation (Max) 800mW (Ta) Rds On (Max) @ Id, Vgs 240 mOhm @ 1.4A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TUMT3 Package / Case 30V	Package	3-SMD, Flat Leads
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 1.4A (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) Vgs (Max	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 1.4A (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Cate 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 Mounting Type Surface Mount Supplier Device Package Package / Case 1.4A (Ta) 1.4A (T	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) Vgs (Max) Power Dissipation (Max) Rds On (Max) @ Id, Vgs And Derating Temperature Supplier Device Package Package / Case 1.4A (Ta) 4V, 10V 2.5V @ 1mA 2.	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Cate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Coperating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TUMT3 Package / Case 4V, 10V 2.5V @ 1mA 2.5V @	Drain to Source Voltage (Vdss)	30V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TUMT3 Package / Case 2nC @ 5V 70pF @ 10V 2nC @ 5V 10V 10V 2nC @ 5V 10V 10V 2nC @ 5V 10V 10V 10V 10V 10V 10V 10V 1	Current - Continuous Drain (Id) @ 25°C	1.4A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 70pF @ 10V Vgs (Max) 20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 240 mOhm @ 1.4A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TUMT3 Package / Case 3-SMD, Flat Leads	Drive Voltage (Max Rds On, Min Rds On)	4V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 240 mOhm @ 1.4A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TUMT3 Package / Case 70pF @ 10V 70pF @ 10V 20V FET Feature - Sundame of the package of the	Vgs(th) (Max) @ Id	2.5V @ 1mA
Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TUMT3 Package / Case 20V 20V 240 mOhm @ 1.4A, 10V 240 mOhm @ 1.4A, 10V Surface Mount Surface Mount 3-SMD, Flat Leads	Gate Charge (Qg) (Max) @ Vgs	2nC @ 5V
FET Feature - Power Dissipation (Max) 800mW (Ta) Rds On (Max) @ Id, Vgs 240 mOhm @ 1.4A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TUMT3 Package / Case 3-SMD, Flat Leads	Input Capacitance (Ciss) (Max) @ Vds	70pF @ 10V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 240 mOhm @ 1.4A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TUMT3 Package / Case 3-SMD, Flat Leads	Vgs (Max)	20V
Rds On (Max) @ Id, Vgs240 mOhm @ 1.4A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageTUMT3Package / Case3-SMD, Flat Leads	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TUMT3 Package / Case 3-SMD, Flat Leads	Power Dissipation (Max)	800mW (Ta)
Mounting Type Surface Mount Supplier Device Package TUMT3 Package / Case 3-SMD, Flat Leads	Rds On (Max) @ Id, Vgs	240 mOhm @ 1.4A, 10V
Supplier Device Package TUMT3 Package / Case 3-SMD, Flat Leads	Operating Temperature	150°C (TJ)
Package / Case 3-SMD, Flat Leads	Mounting Type	Surface Mount
	Supplier Device Package	TUMT3
Report errors?	Package / Case	3-SMD, Flat Leads
		Report errors?

RSF014N03TL 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.

RSF014N03TL Payment Methods



















RSF014N03TL Shipping Methods













If you have any question about RSF014N03TL, please do not hesitate to contact us!

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