



RU1J002YNTCL Information



For Reference Only

Part Number RU1J002YNTCL
Manufacturer Rohm Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 50V 0.2A UMT3F

Package SC-85

For the pricing/inventory/lead time, please contact

us

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



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RU1J002YNTCL Specifications

Manufacturer Part Number RU1J002YNTCL Manufacturer Rohm Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package SC-85 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 50V Current - Continuous Drain (Id) @ 25°C 200mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 0.9V, 4.5V Vgs(th) (Max) @ Id 800mV @ ImA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 26pF @ 10V Vgs (Max) ±8V FET Feature - Power Dissipation (Max) 150mW (Ta) Rds On (Max) @ Id, Vgs 2.2 Ohm @ 200mA, 4.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package UMT3F Package / Case SC-85		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single SC-85 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) 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) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Dyserating Temperature Mosfet Semiconductor Products Transistors - FETs, MOSFETs - Single SC-85 SC-85	Manufacturer Part Number	RU1J002YNTCL
Package SC-85 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 50V Current - Continuous Drain (Id) @ 25°C 200mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 0.9V, 4.5V Vgs(th) (Max) @ Id 800mV @ ImA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 26pF @ 10V Vgs (Max) ±8V FET Feature - Power Dissipation (Max) 150mW (Ta) Rds On (Max) @ Id, Vgs 2.2 Ohm @ 200mA, 4.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package UMT3F Package / Case SC-85	Manufacturer	Rohm Semiconductor
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Series-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)50VCurrent - Continuous Drain (Id) @ 25°C200mA (Ta)Drive Voltage (Max Rds On, Min Rds On)0.9V, 4.5VVgs(th) (Max) @ Id800mV @ ImAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds26pF @ 10VVgs (Max)±8VFET Feature-Power Dissipation (Max)150mW (Ta)Rds On (Max) @ Id, Vgs2.2 Ohm @ 200mA, 4.5VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageUMT3FPackage / CaseSC-85		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 200mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 0.9V, 4.5V Vgs(th) (Max) @ Id 800mV @ ImA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 26pF @ 10V Vgs (Max) ±8V FET Feature - Power Dissipation (Max) 150mW (Ta) Rds On (Max) @ Id, Vgs 2.2 Ohm @ 200mA, 4.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package UMT3F Package / Case SC-85	Package	SC-85
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 200mA (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 MOSFET (Metal Oxide) 50V MOSFET (Metal Oxide) 50V 200mA (Ta) 800mV @ ImA 150mW (Ta) 2.2 Ohm @ 200mA, 4.5V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Source (Ciss) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Supplier Device Package Package / Case Source (Ciss) (Max) (25°C 200mA (Ta) 800mV @ ImA 800mV @ Io 926pF @ 10V 150rV 220pF @ 10V 220pF @ 200mA, 4.5V 220pF @ 200mA, 4.	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) 0.9V, 4.5V Vgs(th) (Max) @ Id 800mV @ 1mA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±8V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 150mW (Ta) 2.2 Ohm @ 200mA, 4.5V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case SC-85	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 800mV @ 1mA Gate Charge (Qg) (Max) @ Vgs 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 Package / Case O 19V, 4.5V 26pF @ 10V 26pF @ 10V 26pF @ 10V 270 26pF @ 10V 270 270 280 280 280 280 280 280	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 Supplier Device Package Package / Case 800mV @ 1mA 926pF @ 10V 150PV 220pF @ 10V 220pF @	Current - Continuous Drain (Id) @ 25°C	200mA (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) EXECUTE: Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case SC-85	Drive Voltage (Max Rds On, Min Rds On)	0.9V, 4.5V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±8V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs Coperating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 26pF @ 10V ±8V 200mA, 4.5V Logon (Ta) Surface Mount Surface Mount Surface Mount Surface Mount	Vgs(th) (Max) @ Id	800mV @ 1mA
Vgs (Max)±8VFET Feature-Power Dissipation (Max)150mW (Ta)Rds On (Max) @ Id, Vgs2.2 Ohm @ 200mA, 4.5VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageUMT3FPackage / CaseSC-85	Gate Charge (Qg) (Max) @ Vgs	-
FET Feature - Power Dissipation (Max) 150mW (Ta) Rds On (Max) @ Id, Vgs 2.2 Ohm @ 200mA, 4.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package UMT3F Package / Case SC-85	Input Capacitance (Ciss) (Max) @ Vds	26pF @ 10V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case SC-85	Vgs (Max)	±8V
Rds On (Max) @ Id, Vgs2.2 Ohm @ 200mA, 4.5VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageUMT3FPackage / CaseSC-85	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package UMT3F Package / Case SC-85	Power Dissipation (Max)	150mW (Ta)
Mounting Type Surface Mount Supplier Device Package UMT3F Package / Case SC-85	Rds On (Max) @ Id, Vgs	2.2 Ohm @ 200mA, 4.5V
Supplier Device Package UMT3F Package / Case SC-85	Operating Temperature	150°C (TJ)
Package / Case SC-85	Mounting Type	Surface Mount
	Supplier Device Package	UMT3F
Report errors?	Package / Case	SC-85
		Report errors?

RU1J002YNTCL 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.

RU1J002YNTCL Payment Methods





















RU1J002YNTCL Shipping Methods













If you have any question about RU1J002YNTCL, please do not hesitate to contact us!

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