



RYM002N05T2CL Information



For Reference Only

Part Number RYM002N05T2CL

Manufacturer Rohm Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 50V 0.2A VMT3

Package SOT-723

For the pricing/inventory/lead time, please contact

us

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



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RYM002N05T2CL Specifications

Manufacturer Part Number RYM002N05T2CL Manufacturer Rohm Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package SOT-723 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 26pF @ 10V Vgs (Max) 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 VMT3 Package / Case SOT-723		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single SOT-723 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Torain 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) ### BY FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature MOSFET (Metal Oxide) **OUTON OND **OU	Manufacturer Part Number	RYM002N05T2CL
Package SOT-723 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 @ 1mA 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 VMT3 Package / Case SOT-723	Manufacturer	Rohm Semiconductor
PackageSOT-723Series-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 PackageVMT3Package / CaseSOT-723	Category	Discrete Semiconductor Products
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 PackageVMT3Package / CaseSOT-723		Transistors - FETs, MOSFETs - Single
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 VMT3 Package / Case SOT-723	Package	SOT-723
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) **EX** FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package VMT3 Package / Case **Comma (Max) (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 Surface Mount Supplier Device Package Power Dissipation (Max) Package / Case SOT-723	FET Type	N-Channel
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 @ 1mA 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 VMT3 Package / Case SOT-723	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 VMT3 Package / Case 0.9V, 4.5V 800mV @ 1mA 926pF @ 10V 26pF @ 10V 270m 26pF @ 10V 270m 2	Drain to Source Voltage (Vdss)	50V
Vgs(th) (Max) @ Id 800mV @ 1mA 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 VMT3 Package / Case SOT-723	Current - Continuous Drain (Id) @ 25°C	200mA (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 Mounting Type Surface Mount Supplier Device Package VMT3 Package / Case Page 10V	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 VMT3 Package / Case SOT-723	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 PackageVMT3Package / CaseSOT-723	Gate Charge (Qg) (Max) @ Vgs	-
FET Feature - 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 VMT3 Package / Case SOT-723	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 VMT3 Package / Case 150mW (Ta) 2.2 Ohm @ 200mA, 4.5V Surface Mount Surface Mount Surface Mount	Vgs (Max)	±8V
Rds On (Max) @ Id, Vgs2.2 Ohm @ 200mA, 4.5VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageVMT3Package / CaseSOT-723	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package VMT3 Package / Case SOT-723	Power Dissipation (Max)	150mW (Ta)
Mounting Type Surface Mount Supplier Device Package VMT3 Package / Case SOT-723	Rds On (Max) @ Id, Vgs	2.2 Ohm @ 200mA, 4.5V
Supplier Device Package VMT3 Package / Case SOT-723	Operating Temperature	150°C (TJ)
Package / Case SOT-723	Mounting Type	Surface Mount
-	Supplier Device Package	VMT3
Report errors?	Package / Case	SOT-723
		Report errors?

RYM002N05T2CL 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.

RYM002N05T2CL Payment Methods





















RYM002N05T2CL Shipping Methods













If you have any question about RYM002N05T2CL, please do not hesitate to contact us!

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