



RRR040P03TL Information



For Reference Only

Part Number RRR040P03TL

Manufacturer Rohm Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 30V 4A TSMT3

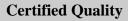
Package SC-96

For the pricing/inventory/lead time, please contact

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

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Manufacturer Part Number RRR040P03TL Manufacturer Rohm Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package SC-96 Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 4A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 10.5nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 1000pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 45 mOhm @ 4A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TSMT3 Package / Case SC-96		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single SC-96 Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C AA (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 ### 20V	Manufacturer Part Number	RRR040P03TL
Package SC-96 Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 4A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 10.5nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 1000pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 45 mOhm @ 4A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TSMT3 Package / Case SC-96	Manufacturer	Rohm Semiconductor
Package SC-96 Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 4A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ ImA Gate Charge (Qg) (Max) @ Vgs 10.5nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 1000pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 45 mOhm @ 4A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TSMT3 Package / Case SC-96	Category	Discrete Semiconductor Products
Series - Channel P-Channel MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 4A (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Cate Charge (Qg) (Max) @ Vgs 10.5nC @ 5V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1V(Ta) Rds On (Max) @ Id, Vgs 45 mOhm @ 4A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package TSMT3 Package / Case		Transistors - FETs, MOSFETs - Single
FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 4A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 10.5nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 1000pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 45 mOhm @ 4A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TSMT3 Package / Case SOC	Package	SC-96
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 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) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case MOSFET (Metal Oxide) 30V MOSFET (Metal Oxide) 30V 4A (Ta) 4A (Ta) 10V 2.5V @ ImA 10.5nC @ 5V 1000pF @ 10V 2.20V 420V FET Feature - Power Dissipation (Max) 1W (Ta) 45 mOhm @ 4A, 10V Operating Temperature Surface Mount Supplier Device Package TSMT3 Package / Case	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 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) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surplice Package Package / Case 30V 4A (Ta) 4A (Ta) 4A (Ta) 4D (Ta) 4V, 10V 2.5V @ 1mA 10.5nC @ 5V 1000pF @ 10V 2.5V @ 1mA 10V (Ta) 420V FET Feature - Power Dissipation (Max) 1W (Ta) 45 mOhm @ 4A, 10V Operating Temperature 150°C (TJ) Surface Mount Supplier Device Package TSMT3 Package / Case	FET Type	P-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 Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) #20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 45 mOhm @ 4A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 4A (Ta) 4V, 10V 4V, 10V 4V, 10V 10.5nC @ 5V 1000pF @ 10V #20V FET Feature - Power Dissipation (Max) 1W (Ta) 45 mOhm @ 4A, 10V TSMT3 Surface Mount	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) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs At mOhm @ 4A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case At V, 10V 2.5V @ 1mA 10.5nC @ 5V 1000pF @ 10V 420V FET Fe ature - Surface Mount TSMT3 Package / Case SC-96	Drain to Source Voltage (Vdss)	30V
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 TSMT3 Package / Case Pose 10.5nC @ 5V 1000pF @ 10V 2.5V @ 1mA 2.5v @ 1mA	Current - Continuous Drain (Id) @ 25°C	4A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) +20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 10.5nC @ 5V 1000pF @ 10V 1000pF @ 10V 1000pF @ 10V 1000pF @ 10V 420V FET Feature - Surface Mount Surface Mount Surface Mount Supplier Device Package TSMT3 SC-96	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 45 mOhm @ 4A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TSMT3 Package / Case SC-96	Vgs(th) (Max) @ Id	2.5V @ 1mA
Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 45 mOhm @ 4A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TSMT3 Package / Case SC-96	Gate Charge (Qg) (Max) @ Vgs	10.5nC @ 5V
FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 45 mOhm @ 4A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TSMT3 Package / Case SC-96	Input Capacitance (Ciss) (Max) @ Vds	1000pF @ 10V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 45 mOhm @ 4A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TSMT3 Package / Case SC-96	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs45 mOhm @ 4A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageTSMT3Package / CaseSC-96	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package TSMT3 Package / Case SC-96	Power Dissipation (Max)	1W (Ta)
Mounting Type Surface Mount Supplier Device Package TSMT3 Package / Case SC-96	Rds On (Max) @ Id, Vgs	45 mOhm @ 4A, 10V
Supplier Device Package TSMT3 Package / Case SC-96	Operating Temperature	150°C (TJ)
Package / Case SC-96	Mounting Type	Surface Mount
	Supplier Device Package	TSMT3
Report errors?	Package / Case	SC-96
		Report errors?

RRR040P03TL 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.

RRR040P03TL Payment Methods



















RRR040P03TL Shipping Methods













If you have any question about RRR040P03TL, please do not hesitate to contact us!

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