



RSL020P03TR Information



For Reference Only

Part Number RSL020P03TR

Manufacturer Rohm Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 30V 2A TUMT6

Package 6-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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RSL020P03TR Specifications

Manufacturer Part NumberRSL020P03TRManufacturerRohm SemiconductorCategoryDiscrete Semiconductor Products Transistors - FETs, MOSFETs - SinglePackage6-SMD, Flat LeadsSeries-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C2A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs3.9nC @ 5VInput Capacitance (Ciss) (Max) @ Vds350pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)1W (Ta)Rds On (Max) @ Id, Vgs120 mOhm @ 2A, 10VOperating Temperature-Mounting TypeSurface MountSupplier Device PackageTUMT6Package / Case6-SMD, Flat LeadsReport errors?		
CategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - SinglePackage6-SMD, Flat LeadsSeries-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C2A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs3.9nC @ 5VInput Capacitance (Ciss) (Max) @ Vds350pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)1W (Ta)Rds On (Max) @ Id, Vgs120 mOhm @ 2A, 10VOperating Temperature-Mounting TypeSurface MountSupplier Device PackageTUMT6Package / Case6-SMD, Flat Leads	Manufacturer Part Number	RSL020P03TR
Transistors - FETs, MOSFETs - Single Package 6-SMD, Flat Leads Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 2A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id - Capacitance (Ciss) (Max) @ Vds 350pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 120 mOhm @ 2A, 10V Operating Temperature - Mounting Type Surface Mount Supplier Device Package TUMT6 Package / Case 6-SMD, Flat Leads	Manufacturer	Rohm Semiconductor
Package6-SMD, Flat LeadsSeries-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C2A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs3.9nC @ 5VInput Capacitance (Ciss) (Max) @ Vds350pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)1W (Ta)Rds On (Max) @ Id, Vgs120 mOhm @ 2A, 10VOperating Temperature-Mounting TypeSurface MountSupplier Device PackageTUMT6Package / Case6-SMD, Flat Leads	Category	Discrete Semiconductor Products
Series-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C2A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs3.9nC @ 5VInput Capacitance (Ciss) (Max) @ Vds350pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)1W (Ta)Rds On (Max) @ Id, Vgs120 mOhm @ 2A, 10VOperating Temperature-Mounting TypeSurface MountSupplier Device PackageTUMT6Package / Case6-SMD, Flat Leads		Transistors - FETs, MOSFETs - Single
FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 2A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 3.9nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 350pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 120 mOhm @ 2A, 10V Operating Temperature - Mounting Type Surface Mount Supplier Device Package TUMT6 Package / Case 6-SMD, Flat Leads	Package	6-SMD, Flat Leads
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 2A (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) **E20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 120 mOhm @ 2A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case MOSFET (Metal Oxide) 30V **OUTONIC Oxide (Max) (Ma	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 2A (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) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Deprating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case Surface Mont TUMT6 6-SMD, Flat Leads	FET Type	P-Channel
Current - Continuous Drain (Id) @ 25°C 2A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 3.9nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 350pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 120 mOhm @ 2A, 10V Operating Temperature - Mounting Type Surface Mount Supplier Device Package TUMT6 Package / Case 6-SMD, Flat Leads	Technology	MOSFET (Metal Oxide)
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 120 mOhm @ 2A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 4V, 10V 4V, 10V 4V, 10V 4V, 10V 4V, 10V 4V, 10V 10V 10V 10V 10V 10V 10V 10V	Drain to Source Voltage (Vdss)	30V
Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 3.9nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 350pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 120 mOhm @ 2A, 10V Operating Temperature - Mounting Type Surface Mount Supplier Device Package TUMT6 Package / Case 6-SMD, Flat Leads	Current - Continuous Drain (Id) @ 25°C	2A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) +20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 120 mOhm @ 2A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package TUMT6 Package / Case 3.9nC @ 5V 400 Exployed Surface Mount TUMT6 6-SMD, Flat Leads	Drive Voltage (Max Rds On, Min Rds On)	4V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 120 mOhm @ 2A, 10V Operating Temperature - Mounting Type Surface Mount Supplier Device Package TUMT6 Package / Case 6-SMD, Flat Leads	Vgs(th) (Max) @ Id	-
Vgs (Max)±20VFET Feature-Power Dissipation (Max)1W (Ta)Rds On (Max) @ Id, Vgs120 mOhm @ 2A, 10VOperating Temperature-Mounting TypeSurface MountSupplier Device PackageTUMT6Package / Case6-SMD, Flat Leads	Gate Charge (Qg) (Max) @ Vgs	3.9nC @ 5V
FET Feature - Case - Ca	Input Capacitance (Ciss) (Max) @ Vds	350pF @ 10V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 120 mOhm @ 2A, 10V Operating Temperature - Mounting Type Surface Mount Supplier Device Package TUMT6 Package / Case 6-SMD, Flat Leads	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs 120 mOhm @ 2A, 10V Operating Temperature	FET Feature	-
Operating Temperature Mounting Type Surface Mount Supplier Device Package TUMT6 Package / Case 6-SMD, Flat Leads	Power Dissipation (Max)	1W (Ta)
Mounting Type Surface Mount Supplier Device Package TUMT6 Package / Case 6-SMD, Flat Leads	Rds On (Max) @ Id, Vgs	120 mOhm @ 2A, 10V
Supplier Device Package TUMT6 Package / Case 6-SMD, Flat Leads	Operating Temperature	-
Package / Case 6-SMD, Flat Leads	Mounting Type	Surface Mount
	Supplier Device Package	TUMT6
Report errors?	Package / Case	6-SMD, Flat Leads
		Report errors?

RSL020P03TR 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.

RSL020P03TR Payment Methods



















RSL020P03TR Shipping Methods













If you have any question about RSL020P03TR, please do not hesitate to contact us!

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