



RSD130P10TL Information



For Reference Only

Part Number RSD130P10TL

Manufacturer Rohm Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 100V 13A SOT428

Package TO-252-3, DPak (2 Leads + Tab), SC-63 For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









RSD130P10TL Specifications

Manufacturer Part Number RSD130P10TL Manufacturer Rohm Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 100V Current - Continuous Drain (Id) @ 25°C 13A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 20W (Ta) Rds On (Max) @ Id, Vgs - Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Report errors?		
CategoryDiscrete Semiconductor ProductsFackageTo-252-3, DPak (2 Leads + Tab), SC-63Series-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)100VCurrent - Continuous Drain (Id) @ 25°C13A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds+20VFET Feature-Power Dissipation (Max)20W (Ta)Rds On (Max) @ Id, Vgs-Operating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageCPT3Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Manufacturer Part Number	RSD130P10TL
Package To-252-3, DPak (2 Leads + Tab), SC-63 Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 100V Current - Continuous Drain (Id) @ 25°C 13A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 20W (Ta) Rds On (Max) @ Id, Vgs - Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Manufacturer	Rohm Semiconductor
PackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)100VCurrent - Continuous Drain (Id) @ 25°C13A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±20VFET Feature-Power Dissipation (Max)20W (Ta)Rds On (Max) @ Id, Vgs-Operating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageCPT3Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Category	Discrete Semiconductor Products
Series-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)100VCurrent - Continuous Drain (Id) @ 25°C13A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±20VFET Feature-Power Dissipation (Max)20W (Ta)Rds On (Max) @ Id, Vgs-Operating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageCPT3Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63		Transistors - FETs, MOSFETs - Single
FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 100V Current - Continuous Drain (Id) @ 25°C 13A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds + 20V FET Feature - Power Dissipation (Max) 20W (Ta) Rds On (Max) @ Id, Vgs - Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case Tontinuous Drain (Id) 25°C (11) MOSFET (Metal Oxide) MOSFET (Metal Oxide) 100V 4V (Pathenal Oxide) 13A (Ta) 100V 12A (Ta) 12	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Technology Drain to Source Voltage (Vdss) 100V Current - Continuous Drain (Id) @ 25°C 13A (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 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case MOSFET (Metal Oxide) 100V 100V 100V 100V 100V 100V 100V 100	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 13A (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 13A (Ta) 14D (Veleas) 150°C (TJ)	FET Type	P-Channel
Current - Continuous Drain (Id) @ 25°C 13A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 20W (Ta) Rds On (Max) @ Id, Vgs - Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	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) ±20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Drain to Source Voltage (Vdss)	100V
Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) #20V FET Feature - Power Dissipation (Max) 20W (Ta) Rds On (Max) @ Id, Vgs - Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Continuous Drain (Id) @ 25°C	13A (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 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Drive Voltage (Max Rds On, Min Rds On)	4V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±20V FET Feature Power Dissipation (Max) 20W (Ta) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Vgs(th) (Max) @ Id	-
Vgs (Max)±20VFET Feature-Power Dissipation (Max)20W (Ta)Rds On (Max) @ Id, Vgs-Operating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageCPT3Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Gate Charge (Qg) (Max) @ Vgs	-
FET Feature - Power Dissipation (Max) 20W (Ta) Rds On (Max) @ Id, Vgs - Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Input Capacitance (Ciss) (Max) @ Vds	-
Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs-Operating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageCPT3Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Power Dissipation (Max)	20W (Ta)
Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Rds On (Max) @ Id, Vgs	-
Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Operating Temperature	150°C (TJ)
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Mounting Type	Surface Mount
	Supplier Device Package	CPT3
Report errors?	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
		Report errors?

RSD130P10TL 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.

RSD130P10TL Payment Methods





















RSD130P10TL Shipping Methods













If you have any question about RSD130P10TL, please do not hesitate to contact us!

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