



RCD100N19TL Information



For Reference Only

Part Number RCD100N19TL

Manufacturer Rohm Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 190V 10A CPT3

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



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RCD100N19TL Specifications

Manufacturer Part Number RCD100N19TL Manufacturer Rohm Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 190V Current - Continuous Drain (Id) @ 25°C 10A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 52nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 2000pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 850mW (Ta), 20W (Tc) Rds On (Max) @ Id, Vgs 182 mOhm @ 5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 190V Current - Continuous Drain (Id) @ 25°C 10A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 52nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 2000pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 182 mOhm @ 5A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Manufacturer Part Number	RCD100N19TL
Transistors - FETs, MOSFETs - Single	Manufacturer	Rohm Semiconductor
Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 190V Current - Continuous Drain (Id) @ 25°C 10A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ ImA Gate Charge (Qg) (Max) @ Vgs 52nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 2000pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 850mW (Ta), 20W (Tc) Rds On (Max) @ Id, Vgs 182 mOhm @ 5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case Tooks 1900 Package 150°C (21 Leads + Tab), SC-63	Category	Discrete Semiconductor Products
Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 190V Current - Continuous Drain (Id) @ 25°C 10A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 52nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 2000pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 850mW (Ta), 20W (Tc) Rds On (Max) @ Id, Vgs 182 mOhm @ 5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case 1700 NC-52-3, DPak (2 Leads + Tab), SC-63		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 190V 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 Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 182 mOhm @ 5A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Pokage / Case N-Channel 100 N-Channel	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Technology Drain to Source Voltage (Vdss) 190V Current - Continuous Drain (Id) @ 25°C 10A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 1nput Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 182 mOhm @ 5A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case MOSFET (Metal Oxide) 190V 190V 190V 190V 190V 10A (Tc)	Series	-
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) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 10A (Tc)	FET Type	N-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 Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 182 mOhm @ 5A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 10A (Tc) 1	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 52nC @ 10V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±20V FET Feature Power Dissipation (Max) 850mW (Ta), 20W (Tc) Rds On (Max) @ Id, Vgs 182 mOhm @ 5A, 10V 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)	190V
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 Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case **Case 10V 2000pF @ 25V **EOV	Current - Continuous Drain (Id) @ 25°C	10A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) +20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 182 mOhm @ 5A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case 52nC @ 10V 2000pF @ 25V +20V FET Ge 25V - - Supplier Device Package TO-252-3, DPak (2 Leads + Tab), SC-63	Drive Voltage (Max Rds On, Min Rds On)	4V, 10V
Input Capacitance (Ciss) (Max) @ Vds 2000pF @ 25V Vgs (Max) E20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 182 mOhm @ 5A, 10V 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	2.5V @ 1mA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)850mW (Ta), 20W (Tc)Rds On (Max) @ Id, Vgs182 mOhm @ 5A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageCPT3Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Gate Charge (Qg) (Max) @ Vgs	52nC @ 10V
FET Feature - Power Dissipation (Max) 850mW (Ta), 20W (Tc) Rds On (Max) @ Id, Vgs 182 mOhm @ 5A, 10V 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	2000pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 182 mOhm @ 5A, 10V 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, Vgs182 mOhm @ 5A, 10VOperating 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)	850mW (Ta), 20W (Tc)
Mounting Type Surface Mount Supplier Device Package CPT3 Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Rds On (Max) @ Id, Vgs	182 mOhm @ 5A, 10V
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?

RCD100N19TL 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.

RCD100N19TL Payment Methods





















RCD100N19TL Shipping Methods













If you have any question about RCD100N19TL, please do not hesitate to contact us!

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