



RSH110N03TB1 Information



For Reference Only

Part Number RSH110N03TB1

Manufacturer Rohm Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

DescriptionMOSFET N-CH 30V 11A SOP8**Package**8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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RSH110N03TB1 Specifications

Manufacturer Part Number RSH110N03TB1 Manufacturer Rohm Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 8-SOIC (0.154", 3.90mm Width) Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 11A (Ta) Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id 2.5V @ ImA Gate Charge (Qg) (Max) @ Vgs 17nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 1300pF @ 10V Vgs (Max) - FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 10.7 mOhm @ 11A, 10V Operating Temperature - Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)		
CategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - SinglePackage8-SOIC (0.154", 3.90mm Width)Series-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C11A (Ta)Drive Voltage (Max Rds On, Min Rds On)-Vgs(th) (Max) @ Id2.5V @ ImAGate Charge (Qg) (Max) @ Vgs17nC @ 5VInput Capacitance (Ciss) (Max) @ Vds1300pF @ 10VVgs (Max)-FET Feature-Power Dissipation (Max)2W (Ta)Rds On (Max) @ Id, Vgs10.7 mOhm @ 11A, 10VOperating Temperature-Mounting TypeSurface MountSupplier Device Package8-SOPPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	RSH110N03TB1
Package 8-SOIC (0.154", 3.90mm Width) Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 11A (Ta) Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id 2.5V @ ImA Gate Charge (Qg) (Max) @ Vgs 17nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 1300pF @ 10V Vgs (Max) - FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 10.7 mOhm @ 11A, 10V Operating Temperature - Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Manufacturer	Rohm Semiconductor
Package8-SOIC (0.154", 3.90mm Width)Series-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C11A (Ta)Drive Voltage (Max Rds On, Min Rds On)-Vgs(th) (Max) @ Id2.5V @ 1mAGate Charge (Qg) (Max) @ Vgs17nC @ 5VInput Capacitance (Ciss) (Max) @ Vds1300pF @ 10VVgs (Max)-FET Feature-Power Dissipation (Max)2W (Ta)Rds On (Max) @ Id, Vgs10.7 mOhm @ 11A, 10VOperating Temperature-Mounting TypeSurface MountSupplier Device Package8-SOPPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Discrete Semiconductor Products
Series - M-Channel FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 11A (Ta) Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 17nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 1300pF @ 10V Vgs (Max) - FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 10.7 mOhm @ 11A, 10V Operating Temperature - Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 11A (Ta) Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 17nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 1300pF @ 10V Vgs (Max) - FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 10.7 mOhm @ 11A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Package	8-SOIC (0.154", 3.90mm Width)
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 11A (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 10.7 mOhm @ 11A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case MOSFET (Metal Oxide) 30V MOSFET (Metal Oxide) 30V 11A (Ta)	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 11A (Ta) Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 17nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 1300pF @ 10V Vgs (Max) - FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 10.7 mOhm @ 11A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 8-SOIC (0.154", 3.90mm Width)	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 11A (Ta) Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 17nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 1300pF @ 10V Vgs (Max) - FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 10.7 mOhm @ 11A, 10V Operating Temperature - Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	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 10.7 mOhm @ 11A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case Power Dissipation (Max) Supplim Device Package 8-SOIC (0.154", 3.90mm Width)	Drain to Source Voltage (Vdss)	30V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max)	Current - Continuous Drain (Id) @ 25°C	11A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 1300pF @ 10V Vgs (Max) - FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 10.7 mOhm @ 11A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 8-SOIC (0.154", 3.90mm Width)	Drive Voltage (Max Rds On, Min Rds On)	-
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) - FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 10.7 mOhm @ 11A, 10V Operating Temperature - Mounting Type Surface Mount Supplier Device Package Package / Case 1300pF @ 10V 10V 10V Surface Mount 10.7 mOhm @ 11A, 10V Surface Mount Surface Mount 8-SOP 8-SOIC (0.154", 3.90mm Width)	Vgs(th) (Max) @ Id	2.5V @ 1mA
Vgs (Max)-FET Feature-Power Dissipation (Max)2W (Ta)Rds On (Max) @ Id, Vgs10.7 mOhm @ 11A, 10VOperating Temperature-Mounting TypeSurface MountSupplier Device Package8-SOPPackage / Case8-SOIC (0.154", 3.90mm Width)	Gate Charge (Qg) (Max) @ Vgs	17nC @ 5V
FET Feature - Case - Ca	Input Capacitance (Ciss) (Max) @ Vds	1300pF @ 10V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 10.7 mOhm @ 11A, 10V Operating Temperature - Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Vgs (Max)	-
Rds On (Max) @ Id, Vgs 10.7 mOhm @ 11A, 10V Operating Temperature	FET Feature	-
Operating Temperature Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Power Dissipation (Max)	2W (Ta)
Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Rds On (Max) @ Id, Vgs	10.7 mOhm @ 11A, 10V
Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-
Package / Case 8-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	8-SOP
Report errors?	Package / Case	8-SOIC (0.154", 3.90mm Width)
		Report errors?

RSH110N03TB1 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.

RSH110N03TB1 Payment Methods



















RSH110N03TB1 Shipping Methods













If you have any question about RSH110N03TB1, please do not hesitate to contact us!

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