



SI1303EDL-T1-E3 Information



For Reference Only

Part Number SI1303EDL-T1-E3 **Manufacturer** Vishay Siliconix

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 20V 670MA SOT323-3

Package SC-70, SOT-323

For the pricing/inventory/lead time, please contact

us

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



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SI1303EDL-T1-E3 Specifications

Manufacturer Part Number SI1303EDL-T1-E3 Manufacturer Vishay Siliconix Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package SC-70, SOT-323 Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C 670mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 2.5V, 4.5V Vgs(th) (Max) @ Id 600mV @ 250μA (Min) Gate Charge (Qg) (Max) @ Vgs 2.5nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds ±12V FET Feature - Power Dissipation (Max) 290mW (Ta) Rds On (Max) @ Id, Vgs 430 mOhm @ 1A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SC-70-3 Package / Case SC-70, SOT-323		
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FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C670mA (Ta)Drive Voltage (Max Rds On, Min Rds On)2.5V, 4.5VVgs(th) (Max) @ Id600mV @ 250μA (Min)Gate Charge (Qg) (Max) @ Vgs2.5nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±12VFET Feature-Power Dissipation (Max)290mW (Ta)Rds On (Max) @ Id, Vgs430 mOhm @ 1A, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSC-70-3Package / CaseSC-70, SOT-323	Package	SC-70, SOT-323
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C670mA (Ta)Drive Voltage (Max Rds On, Min Rds On)2.5V, 4.5VVgs(th) (Max) @ Id600mV @ 250μA (Min)Gate Charge (Qg) (Max) @ Vgs2.5nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±12VFET Feature-Power Dissipation (Max)290mW (Ta)Rds On (Max) @ Id, Vgs430 mOhm @ 1A, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSC-70-3Package / CaseSC-70, SOT-323	Series	-
Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C670mA (Ta)Drive Voltage (Max Rds On, Min Rds On)2.5V, 4.5VVgs(th) (Max) @ Id600mV @ 250μA (Min)Gate Charge (Qg) (Max) @ Vgs2.5nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±12VFET Feature-Power Dissipation (Max)290mW (Ta)Rds On (Max) @ Id, Vgs430 mOhm @ 1A, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSC-70-3Package / CaseSC-70, SOT-323	FET Type	P-Channel
Current - Continuous Drain (Id) @ 25°C 670mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 2.5V, 4.5V Vgs(th) (Max) @ Id 600mV @ 250μA (Min) Gate Charge (Qg) (Max) @ Vgs 2.5nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) ±12V FET Feature - Power Dissipation (Max) 290mW (Ta) Rds On (Max) @ Id, Vgs 430 mOhm @ 1A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SC-70-3 Package / Case SC-70, SOT-323	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)2.5V, 4.5VVgs(th) (Max) @ Id600mV @ 250μA (Min)Gate Charge (Qg) (Max) @ Vgs2.5nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±12VFET Feature-Power Dissipation (Max)290mW (Ta)Rds On (Max) @ Id, Vgs430 mOhm @ 1A, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSC-70-3Package / CaseSC-70, SOT-323	Drain to Source Voltage (Vdss)	20V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 2.5nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 600mV @ 250μA (Min) 600	Current - Continuous Drain (Id) @ 25°C	670mA (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds	Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±12V FET Feature - Power Dissipation (Max) 290mW (Ta) Rds On (Max) @ Id, Vgs 430 mOhm @ 1A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SC-70-3 Package / Case SC-70, SOT-323	Vgs(th) (Max) @ Id	600mV @ 250μA (Min)
Vgs (Max)±12VFET Feature-Power Dissipation (Max)290mW (Ta)Rds On (Max) @ Id, Vgs430 mOhm @ 1A, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSC-70-3Package / CaseSC-70, SOT-323	Gate Charge (Qg) (Max) @ Vgs	2.5nC @ 4.5V
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Power Dissipation (Max) Rds On (Max) @ Id, Vgs 430 mOhm @ 1A, 4.5V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SC-70-3 Package / Case SC-70, SOT-323	Vgs (Max)	±12V
Rds On (Max) @ Id, Vgs430 mOhm @ 1A, 4.5VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSC-70-3Package / CaseSC-70, SOT-323	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SC-70-3 Package / Case SC-70, SOT-323	Power Dissipation (Max)	290mW (Ta)
Mounting Type Surface Mount Supplier Device Package SC-70-3 Package / Case SC-70, SOT-323	Rds On (Max) @ Id, Vgs	430 mOhm @ 1A, 4.5V
Supplier Device Package SC-70-3 Package / Case SC-70, SOT-323	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case SC-70, SOT-323	Mounting Type	Surface Mount
-	Supplier Device Package	SC-70-3
Report errors?	Package / Case	SC-70, SOT-323
		Report errors?

SI1303EDL-T1-E3 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.

SI1303EDL-T1-E3 Payment Methods



















SI1303EDL-T1-E3 Shipping Methods













If you have any question about SI1303EDL-T1-E3, please do not hesitate to contact us!

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