

PMF3800SN,115 Information



For Reference Only

Part Number PMF3800SN,115

Manufacturer NXP

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 60V 260MA SOT323

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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PMF3800SN,115 Specifications

Manufacturer Part Number PMF3800SN,115 Manufacturer NXP Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package SC-70, SOT-323 Series TrenchMOS? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 260mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3.3V @ ImA Gate Charge (Qg) (Max) @ Vgs 0.85nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 40pF @ 10V Vgs (Max) ±15V FET Feature - Power Dissipation (Max) 560mW (Tc) Rds On (Max) @ Id, Vgs 4.5 Ohm @ 500mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-323-3 Package / Case SC-70, SOT-323		
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Package SC-70, SOT-323 Series TrenchMOS? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 260mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3.3V @ 1mA Gate Charge (Qg) (Max) @ Vgs 0.85nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 40pF @ 10V Vgs (Max) ±15V FET Feature - Power Dissipation (Max) 560mW (Tc) Rds On (Max) @ Id, Vgs 4.5 Ohm @ 500mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-323-3 Package / Case SC-70, SOT-323	Manufacturer	NXP
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Series TrenchMOS? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 260mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3.3V @ ImA Gate Charge (Qg) (Max) @ Vgs 0.85nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 40pF @ 10V Vgs (Max) ±15V FET Feature Power Dissipation (Max) 560mW (Tc) Rds On (Max) @ Id, Vgs 4.5 Ohm @ 500mA, 10V Operating Temperature 500mA (To) Mounting Type Surface Mount Supplier Device Package SOT-323-3 Package / Case SC-70, SOT-323		Transistors - FETs, MOSFETs - Single
FET Type N-Channel MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 260mA (Ta) 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 As On (Max) @ Id, Vgs Coperating Temperature Supplier Device Package Package / Case N-Channel MOSFET (Metal Oxide) MOSFET (Metal Oxide) MOSFET (Metal Oxide) MOSFET (Metal Oxide) 80V 80V 80V 80V 80V 80V 80V 80	Package	SC-70, SOT-323
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 260mA (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 One Max) @ Id, Vgs 4.5 Ohm @ 500mA, 10V Operating Temperature Surface Mount Supplier Device Package Package / Case MOSFET (Metal Oxide) 60V MOSFET (Metal Oxide) 60V 260mA (Ta) 3.3V @ 1mA 3.3V @ 1mA 4.5V, 10V 4.5V	Series	TrenchMOS?
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 260mA (Ta) 260mA (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 3.3V @ 1mA Gate Charge (Qg) (Max) @ Vgs 1nput Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.5 Ohm @ 500mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case SC-70, SOT-323	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3.3V @ 1mA Gate Charge (Qg) (Max) @ Vgs 0.85nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 40pF @ 10V Vgs (Max) #15V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.5 Ohm @ 500mA, 10V Operating Temperature Supplier Device Package SOT-323-3 Package / Case \$C-70, SOT-323	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 3.3V @ 1mA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.5 Ohm @ 500mA, 10V Operating Temperature Surplier Device Package Package / Case 4.5 V, 10V 3.3V @ 1mA 3.3V @ 1mA 4.6 Dh 4.5 Oh 4.5 Oh 560mW (Tc) 560mW (Tc) 560mW (Tc) 55°C ~ 150°C (TJ) Surface Mount Surface Mount SOT-323-3 SC-70, SOT-323	Drain to Source Voltage (Vdss)	60V
Vgs(th) (Max) @ Id 3.3V @ 1mA Gate Charge (Qg) (Max) @ Vgs 0.85nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 40pF @ 10V Vgs (Max) ±15V FET Feature - Power Dissipation (Max) 560mW (Tc) Rds On (Max) @ Id, Vgs 4.5 Ohm @ 500mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-323-3 Package / Case SC-70, SOT-323	Current - Continuous Drain (Id) @ 25°C	260mA (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 40pF @ 10V Vgs (Max) ±15V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 4.5 Ohm @ 500mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-323-3 Package / Case O.85nC @ 10V 40pF @ 10V 560mW (Tc) Sufface Mount Surface Mount Supplier Device Package SOT-323-3 Package / Case	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Surface Mount Supplier Device Package Package / Case A0pF @ 10V 40pF @ 10V 40pF @ 10V 40pF @ 10V 41pV 560mW (Tc) 4.5 Ohm @ 500mA, 10V 55°C ~ 150°C (TJ) Surface Mount Surface Mount Supplier Device Package SOT-323-3 Package / Case	Vgs(th) (Max) @ Id	3.3V @ 1mA
Vgs (Max) ±15V FET Feature - Power Dissipation (Max) 560mW (Tc) Rds On (Max) @ Id, Vgs 4.5 Ohm @ 500mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-323-3 Package / Case SC-70, SOT-323	Gate Charge (Qg) (Max) @ Vgs	0.85nC @ 10V
FET Feature - Power Dissipation (Max) 560mW (Tc) Rds On (Max) @ Id, Vgs 4.5 Ohm @ 500mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-323-3 Package / Case SC-70, SOT-323	Input Capacitance (Ciss) (Max) @ Vds	40pF @ 10V
Power Dissipation (Max) 560mW (Tc) Rds On (Max) @ Id, Vgs 4.5 Ohm @ 500mA, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-323-3 Package / Case SC-70, SOT-323	Vgs (Max)	±15V
Rds On (Max) @ Id, Vgs4.5 Ohm @ 500mA, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-323-3Package / CaseSC-70, SOT-323	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-323-3 Package / Case SC-70, SOT-323	Power Dissipation (Max)	560mW (Tc)
Mounting Type Surface Mount Supplier Device Package SOT-323-3 Package / Case SC-70, SOT-323	Rds On (Max) @ Id, Vgs	4.5 Ohm @ 500mA, 10V
Supplier Device Package SOT-323-3 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	SOT-323-3
Report errors?	Package / Case	SC-70, SOT-323
		Report errors?

PMF3800SN,115 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.

PMF3800SN,115 Payment Methods



















PMF3800SN,115 Shipping Methods













If you have any question about PMF3800SN,115, please do not hesitate to contact us!

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