

PMT21EN,135 Information

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Part Number PMT21EN,135

Manufacturer NXP

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 30V 7.4A SC-73

Package TO-261-4, TO-261AA

For the pricing/inventory/lead time, please contact

us

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



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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.









PMT21EN,135 Specifications

Manufacturer Part Number PMT21EN,135 Manufacturer NXP Category Discrete Semiconductor Products		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-261-4, TO-261AA Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 7.4A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2.5V @ 250μA Gate Charge (Qg) (Max) @ Vgs 14.4n C @ 10V Input Capacitance (Ciss) (Max) @ Vds 588pF @ 15V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 820mW (Ta), 8.33W (Tc) Rds On (Max) @ Id, Vgs 21 mOhm @ 7.4A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Manufacturer Part Number	PMT21EN,135
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TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C7.4A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs14.4nC @ 10VInput Capacitance (Ciss) (Max) @ Vds588pF @ 15VVgs (Max)±20VFET Feature-Power Dissipation (Max)820mW (Ta), 8.33W (Tc)Rds On (Max) @ Id, Vgs21 mOhm @ 7.4A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	Series	-
Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C7.4A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs14.4nC @ 10VInput Capacitance (Ciss) (Max) @ Vds588pF @ 15VVgs (Max)±20VFET Feature-Power Dissipation (Max)820mW (Ta), 8.33W (Tc)Rds On (Max) @ Id, Vgs21 mOhm @ 7.4A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	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 21 mOhm @ 7.4A, 10V Operating Temperature Surplier Device Package Package / Case 7.4A (Ta) 8.5V, 10V 2.5V @ 250μA 14.4nC @ 10V 1588pF @ 15V 20V FET Feature	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs14.4nC @ 10VInput Capacitance (Ciss) (Max) @ Vds588pF @ 15VVgs (Max)±20VFET Feature-Power Dissipation (Max)820mW (Ta), 8.33W (Tc)Rds On (Max) @ Id, Vgs21 mOhm @ 7.4A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	Drain to Source Voltage (Vdss)	30V
Vgs(th) (Max) @ Id 2.5V @ 250μA Gate Charge (Qg) (Max) @ Vgs 14.4nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 588pF @ 15V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 820mW (Ta), 8.33W (Tc) Rds On (Max) @ Id, Vgs 21 mOhm @ 7.4A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Current - Continuous Drain (Id) @ 25°C	7.4A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 588pF @ 15V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 21 mOhm @ 7.4A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case TO-261-4, TO-261AA	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 21 mOhm @ 7.4A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case TO-261-4, TO-261AA	Vgs(th) (Max) @ Id	2.5V @ 250μA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)820mW (Ta), 8.33W (Tc)Rds On (Max) @ Id, Vgs21 mOhm @ 7.4A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	Gate Charge (Qg) (Max) @ Vgs	14.4nC @ 10V
FET Feature - Power Dissipation (Max) 820mW (Ta), 8.33W (Tc) Rds On (Max) @ Id, Vgs 21 mOhm @ 7.4A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Input Capacitance (Ciss) (Max) @ Vds	588pF @ 15V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 21 mOhm @ 7.4A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs21 mOhm @ 7.4A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Power Dissipation (Max)	820mW (Ta), 8.33W (Tc)
Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Rds On (Max) @ Id, Vgs	21 mOhm @ 7.4A, 10V
Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case TO-261-4, TO-261AA	Mounting Type	Surface Mount
	Supplier Device Package	SOT-223
Report errors?	Package / Case	TO-261-4, TO-261AA
		Report errors?

PMT21EN,135 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.

PMT21EN,135 Payment Methods





















PMT21EN,135 Shipping Methods













If you have any question about PMT21EN,135, please do not hesitate to contact us!

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