

TPS71H01QPWPR

TPS71H01QPWPR Information



For Reference Only

Part Number TPS71H01QPWPR
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LINEAR POS ADJ 20HTSSOPPackage20-TSSOP (0.173", 4.40mm Width) Expo

20-TSSOP (0.173", 4.40mm Width) Exposed Pad For the pricing/inventory/lead time, please contact

us

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



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TPS71H01QPWPR Specifications

Manufacturer Part Number TPS71H01QPWPR Manufacturer Texas Instruments Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 9.75V Voltage Dropout (Max) 0.4V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 350μA ~ 460μA PSRR 54dB ~ 49dB (120Hz) Control Features Enable, Power Good Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -55°C ~ 150°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-HTSSOP		
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Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)9.75VVoltage Dropout (Max)0.4V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)350μA ~ 460μAPSRR54dB ~ 49dB (120Hz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-55°C ~ 150°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP		PMIC - Voltage Regulators - Linear
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Voltage - Output (Min/Fixed) Voltage - Output (Max) 9.75 V Voltage Dropout (Max) 0.4 V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 54dB ~ 49dB (120Hz) Control Features Enable, Power Good Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -55°C ~ 150°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 0.4V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 54dB ~ 49dB (120Hz) Control Features Enable, Power Good Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -55°C ~ 150°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Voltage - Input (Max)	10V
Voltage Dropout (Max) Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 54dB ~ 49dB (120Hz) Control Features Enable, Power Good Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -55°C ~ 150°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Voltage - Output (Min/Fixed)	1.2V
Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)350μA ~ 460μAPSRR54dB ~ 49dB (120Hz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-55°C ~ 150°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Voltage - Output (Max)	9.75V
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Control Features Enable, Power Good Over Current, Over Temperature, Reverse Polarity Operating Temperature -55°C ~ 150°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Current - Supply (Max)	350μΑ ~ 460μΑ
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Operating Temperature -55°C ~ 150°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-HTSSOP	Control Features	Enable, Power Good
Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-HTSSOP	Protection Features	Over Current, Over Temperature, Reverse Polarity
Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-HTSSOP	Operating Temperature	-55°C ~ 150°C
Supplier Device Package 20-HTSSOP	Mounting Type	Surface Mount
	Package / Case	20-TSSOP (0.173", 4.40mm Width) Exposed Pad
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Report errors?		Report errors?

TPS71H01QPWPR 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.

TPS71H01QPWPR Payment Methods



















TPS71H01QPWPR Shipping Methods













If you have any question about TPS71H01QPWPR, please do not hesitate to contact us!

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