



TPS75401QPWP Information



For Reference Only

Part Number TPS75401QPWP

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LIN POS ADJ 2A 20HTSSOPPackage20-TSSOP (0.173", 4.40mm Width) Exposed Pad

For the pricing/inventory/lead time, please contact

us

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TPS75401QPWP Specifications

Manufacturer Part Number TPS75401QPWP Manufacturer Texas Instruments Category Integrated Circuits (ICs) Package 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.5V Voltage - Output (Max) 5V Voltage Dropout (Max) - Current - Output 2A Current - Supply (Max) 125µA PSRR 60dB (100Hz) Corrent Features 60dB (100Hz) Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-HTSSOP		
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) 5.5V Voltage - Output (Min/Fixed) 1.5V Voltage - Output (Max) 5V Voltage Dropout (Max) - Current - Output 2A Current - Quiescent (Iq) - Current - Supply (Max) 125µA PSRR 60dB (100Hz) Control Features Enable, Power Good, Reset Output Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-HTSSOP	Manufacturer Part Number	TPS75401QPWP
Package 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators I Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.5V Voltage - Output (Max) 5V Voltage Dropout (Max) 5V Voltage Dropout (Max) - Current - Output (Max) 2A Current - Quiescent (Iq) - Current - Supply (Max) 125µA PSRR 60dB (100Hz) Control Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 20-HTSSOP (0.173", 4.40mm Width) Exposed Pad	Manufacturer	Texas Instruments
Package20-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)5VVoltage Dropout (Max)-Current - Output2ACurrent - Quiescent (Iq)-Current - Supply (Max)125µAPSRR60dB (100Hz)Control FeaturesEnable, Power Good, Reset OutputProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5 VVoltage - Output (Min/Fixed)1.5 VVoltage - Output (Max)5VVoltage Dropout (Max)-Current - Output2ACurrent - Quiescent (Iq)-Current - Supply (Max)125 μAPSRR60dB (100Hz)Control FeaturesEnable, Power Good, Reset OutputProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5 VVoltage - Output (Min/Fixed)1.5 VVoltage - Output (Max)5 VVoltage Dropout (Max)-Current - Output2ACurrent - Quiescent (Iq)-Current - Supply (Max)125 μAPSRR60dB (100Hz)Control FeaturesEnable, Power Good, Reset OutputProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Package	20-TSSOP (0.173", 4.40mm Width) Exposed Pad
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5 VVoltage - Output (Min/Fixed)1.5 VVoltage - Output (Max)5 VVoltage Dropout (Max)-Current - Output2ACurrent - Quiescent (Iq)-Current - Supply (Max)125 μAPSRR60dB (100Hz)Control FeaturesEnable, Power Good, Reset OutputProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Series	-
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)5VVoltage Dropout (Max)-Current - Output2ACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesEnable, Power Good, Reset OutputProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.5V Voltage - Output (Max) 5V Voltage Dropout (Max) - Current - Output 2A Current - Quiescent (Iq) - Current - Supply (Max) 125µA PSRR 60dB (100Hz) Control Features Enable, Power Good, Reset Output Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Output Type	Adjustable
Voltage - Output (Min/Fixed) Voltage - Output (Max) 5V Voltage Dropout (Max) - Current - Output 2A Current - Quiescent (Iq) - Current - Supply (Max) 125μA PSRR 60dB (100Hz) Control Features Enable, Power Good, Reset Output Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°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) - Current - Output 2A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB (100Hz) Control Features Enable, Power Good, Reset Output Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 2A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB (100Hz) Control Features Enable, Power Good, Reset Output Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Voltage - Output (Min/Fixed)	1.5V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB (100Hz) Control Features Enable, Power Good, Reset Output Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Voltage - Output (Max)	5V
Current - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesEnable, Power Good, Reset OutputProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Voltage Dropout (Max)	-
Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesEnable, Power Good, Reset OutputProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Current - Output	2A
PSRR 60dB (100Hz) Control Features Enable, Power Good, Reset Output Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-HTSSOP	Current - Quiescent (Iq)	-
Control Features Enable, Power Good, Reset Output Over Current, Over Temperature, Reverse Polarity -40°C ~ 125°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Current - Supply (Max)	125μΑ
Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-HTSSOP	PSRR	60dB (100Hz)
Operating Temperature -40°C ~ 125°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, Reset Output
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	-40°C ~ 125°C
Supplier Device Package 20-HTSSOP	Mounting Type	Surface Mount
	Package / Case	20-TSSOP (0.173", 4.40mm Width) Exposed Pad
Report errors?	Supplier Device Package	20-HTSSOP
		Report errors?

TPS75401QPWP 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.

TPS75401QPWP Payment Methods



















TPS75401QPWP Shipping Methods













If you have any question about TPS75401QPWP, please do not hesitate to contact us!

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