

TPS70451PWPR

Quote

TPS70451PWPR Information

	Manufacturer	TPS70451PWPR Texas Instruments	
	Category Description	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LINEAR 3.3V/1.8V 24HTSSOP	333
	Package	24-TSSOP (0.173", 4.40mm Width) Exposed Pad For the pricing/inventory/lead time, please contact	8.00
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a

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TPS70451PWPR Specifications

Nanufacturer Part NumberTPS70451PWPRManufacturerFexas InstrumentsCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage24-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3V, 1.8VVoltage - Output (Min/Fixed)0.2SV @ 1.A, -Voltage Dropout (Max)0.2SV @ 1.A, -Current - Output1.A, 2.ACurrent - Supply (Max)50µAPSRR65dB (IkHz), 60dB (IkHz)Control FeaturesFable, Power Good, Reset, SequencingProtection Features4.0°C ~ 125°CMounting TypeSurface Mout				
CategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - LinearPackage24-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3V, 1.8VVoltage Dropout (Max)-Voltage Dropout (Max)0.25V @ 1A, -Current - Output1A, 2ACurrent - Quiescent (Iq)-PSRR65dB (1kHz), 60dB (1kHz)Control FeaturesEnable, Power Good, Reset, SequencingProtection Features-40°C ~ 125°CMounting TypeSurface Mount	Manufacturer Part Number	TPS70451PWPR		
MIC - Voltage Regulators - LinearPackage24-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3V, 1.8VVoltage - Output (Max)-Voltage Porpout (Max)0.25V @ 1A, -Current - Output1A, 2ACurrent - Quiescent (Iq)-SRR65dB (1kHz), 60dB (1kHz)Control FeaturesGover Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°CMounting TypeSurface Monte	Manufacturer	Texas Instruments		
Package24-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3V, 1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 1A, -Current - Output1A, 2ACurrent - Quiescent (Iq)-PSRR65dB (1kHz), 60dB (1kHz)Curront FeaturesFinable, Power Good, Reset, SequencingProtection Features-40°C ~ 125°CMounting TypeSurface Mount	Category	Integrated Circuits (ICs)		
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3V, 1.8VVoltage - Output (Max)-Voltage - Output (Max)0.25V @ 1A, -Voltage Dropout (Max)1A, 2ACurrent - Output-Current - Quiescent (Iq)-PSRR65dB (1kHz), 60dB (1kHz)Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°CMounting TypeSurface Mount		PMIC - Voltage Regulators - Linear		
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3V, 1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 1A, -Current - Output1A, 2ACurrent - Quiescent (Iq)-PSRR65dB (1kHz), 60dB (1kHz)Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Package	24-TSSOP (0.173", 4.40mm Width) Exposed Pad		
Output TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3V, 1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 1.A, -Current - Output1A, 2.ACurrent - Quiescent (Iq)-PSRR65B (1kHz), 60dB (1kHz)Control FeaturesFnable, Power Good, Reset, SequencingProtection Features-40°C ~ 125°CMounting TypeSurface Mount	Series	-		
Number of Regulators2Number of Regulators6VVoltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3V, 1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 1A, -Current - Output1A, 2ACurrent - Quiescent (Iq)-Current - Supply (Max)250µAPSRR65dB (1kHz), 60dB (1kHz)Control FeaturesEnable, Power Good, Reset, SequencingProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Output Configuration	Positive		
Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V, 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.25V @ 1A, - Current - Output 1A, 2A Current - Quiescent (Iq) - Current - Supply (Max) 250µA PSRR 65dB (1kHz), 60dB (1kHz) Control Features Dever Good, Reset, Sequencing Protection Features Over Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO) Operating Temperature Surface Mount	Output Type	Fixed		
Voltage - Output (Min/Fixed)3.3V, 1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 1A, -Current - Output1A, 2ACurrent - Quiescent (Iq)-Current - Supply (Max)250µAPSRR65dB (1kHz), 60dB (1kHz)Control FeaturesEnable, Power Good, Reset, SequencingProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Number of Regulators	2		
Voltage - Output (Max)-Voltage Dropout (Max)0.25V @ 1A, -Current - Output1A, 2ACurrent - Quiescent (Iq)-Current - Supply (Max)250μAPSRR65dB (1kHz), 60dB (1kHz)Control FeaturesEnable, Power Good, Reset, SequencingProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Voltage - Input (Max)	6V		
Voltage Dropout (Max)0.25V @ 1A, -Current - Output1A, 2ACurrent - Quiescent (Iq)-Current - Supply (Max)250µAPSRR65dB (1kHz), 60dB (1kHz)Control FeaturesEnable, Power Good, Reset, SequencingProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Voltage - Output (Min/Fixed)	3.3V, 1.8V		
Current - Output1A, 2ACurrent - Quiescent (Iq)-Current - Supply (Max)250µAPSRR65dB (1kHz), 60dB (1kHz)Control FeaturesEnable, Power Good, Reset, SequencingProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Voltage - Output (Max)	-		
Current - Quiescent (Iq)-Current - Supply (Max)250μAPSRR65dB (1kHz), 60dB (1kHz)Control FeaturesEnable, Power Good, Reset, SequencingProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Voltage Dropout (Max)	0.25V @ 1A, -		
Current - Supply (Max)250µAPSRR65dB (1kHz), 60dB (1kHz)Control FeaturesEnable, Power Good, Reset, SequencingProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Current - Output	1A, 2A		
PSRR65dB (1kHz), 60dB (1kHz)Control FeaturesEnable, Power Good, Reset, SequencingProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Current - Quiescent (Iq)	-		
Control FeaturesEnable, Power Good, Reset, SequencingProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Current - Supply (Max)	250μΑ		
Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface Mount	PSRR	65dB (1kHz), 60dB (1kHz)		
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Control Features	Enable, Power Good, Reset, Sequencing		
Mounting Type Surface Mount	Protection Features	Over Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)		
	Operating Temperature	-40°C ~ 125°C		
	Mounting Type	Surface Mount		
Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad	Package / Case	24-TSSOP (0.173", 4.40mm Width) Exposed Pad		
Supplier Device Package 24-HTSSOP	Supplier Device Package	24-HTSSOP		
Report en		Report errors?		

TPS70451PWPR 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

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

TPS70451PWPR Payment Methods



If you have any question about TPS70451PWPR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com