

TPS77615PWPR

st a Quote

TPS77615PWPR Information

Pitterin Dipitibility and Constantion	Part Number	TPS77615PWPR	
	Manufacturer	Texas Instruments	
	Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	
	Description	IC REG LIN 1.5V 500MA 20HTSSOP	- 1 4-1
	Package	20-TSSOP (0.173", 4.40mm Width) Exposed Pad	22
		For the pricing/inventory/lead time, please contact	L∎⊦
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Reque



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.



TPS77615PWPR Specifications

Output TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Dropout (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Voltage Dropout (Max)-PSRR60dB (100Hz)Portection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case0-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package0-HTSSOP		
Category Integrated Circuits (ICs) Package 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Package 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 1.5V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 125µA PSRR 60dB (100Hz) Control Features Over Current, Over Temperature, Reverse Polarity Operating Temperature - Operating Temperature Surface Mount PACCerveq Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-TSSOP	Manufacturer Part Number	TPS77615PWPR
PMIC - Voltage Regulators - LinearPackage20-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Min/Fixed)-Voltage Dropout (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Manufacturer	Texas Instruments
Package20-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125µAPSRR60dB (100Hz)Control FeaturesOver Current, Over Temperature, Reverse PolarityProtection Features-Portertin Type-Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Potection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature40°C ~ 125°CMounting TypeSufface MountPackage / Case20-HTSSOP(0.173", 4.40mm Width) Exposed PadSupplier Device Package00-HTSSOP		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Output15½APSRR60dB (100Hz)Portection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSufface MountPackage / Case20-HTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Package	20-TSSOP (0.173", 4.40mm Width) Exposed Pad
Output TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Dropout (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Voltage Dropout (Max)-PSRR60dB (100Hz)Portection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case0-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package0-HTSSOP	Series	-
Number of Regulators1Number of Regulators10VVoltage - Input (Max)1.5VVoltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125µAPSRR60dB (100Hz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-u°C ~ 125°CMounting TypeSurface MountPackage / Case20-TTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Output Configuration	Positive
Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-HTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Output Type	Fixed
Voltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesEnable, Power GoodProtection 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	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesEnable, Power GoodProtection 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 - Input (Max)	10V
Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Control Features60dB (100Hz)Protection 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 - Output (Min/Fixed)	1.5V
Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesEnable, Power GoodProtection 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) 125μA PSRR 60dB (100Hz) Control Features Enable, Power Good 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 - Output	500mA
PSRR60dB (100Hz)Control FeaturesEnable, Power GoodProtection 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 - Quiescent (Iq)	-
Control FeaturesEnable, Power GoodProtection 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 - Supply (Max)	125μΑ
Protection 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	PSRR	60dB (100Hz)
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Control Features	Enable, Power Good
Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Protection Features	Over Current, Over Temperature, Reverse Polarity
Package / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Operating Temperature	$-40^{\circ}C \sim 125^{\circ}C$
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
1		Report errors?

TPS77615PWPR 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 EUARANTEE

Service Guarantees

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

TPS77615PWPR Payment Methods



If you have any question about TPS77615PWPR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com