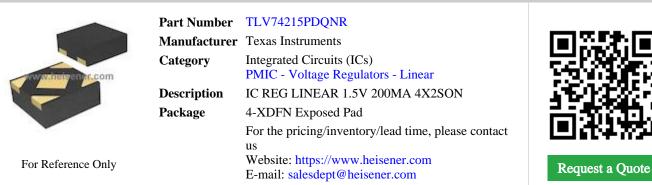


TLV74215PDQNR

TLV74215PDQNR Information



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.



TLV74215PDQNR Specifications

Manufacturer Texas Insurants Manufacturer Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-XDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Max) 5.5V Voltage - Output (Max) - Voltage - Output (Max) - Current - Output 200mA Current - Output 50µA Current - Supply (Max) - PSRR 70dB ~ 55dB (100Hz ~ 1MHz) Control Features Over Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO) Operating Temperature 4.40°C ~ 125°C Mounting Type Surface Mount Package / Case 4.XDFN Exposed Pad Supplier Device Package 4.XDFN Exposed Pad		
CategoryIntegrated Circuits (ICs)PACkagePMIC - Voltage Regulators - LinearPackage4-XDFN Exposed PadSeries-Output ConfigurationPositiveOutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Max)-Voltage - Output (Max)-Output Output (Max)-Output Quige - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)-Output - Output-Voltage - Output (Max)-Output - Output-Voltage - Output (Max)-Current - Output00mACurrent - Output50µACurrent - Output-PSRROdB ~ 55dB (100Hz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-Operating Temperature-Package / Case4.XDFN Exposed PadSupplier Device Package4.X2SON (1x1)	Manufacturer Part Number	TLV74215PDQNR
PMIC - Voltage Regulators - LinearPackage4-XDFN Exposed PadSeries-Output ConfigurationPositiveDutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output50µACurrent - Quiescent (Iq)50µACurrent - Supply (Max)-PSRR70dB ~ 55dB (100Hz ~ 1MHz)Control FeaturesEnableProtection Features0ver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature4-0°C ~ 125°CMounting TypeSurface MountPackage / Case4-X2DSN (1x1)	Manufacturer	Texas Instruments
Package4-XDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage - Output (Max)-Current - Output (Max)-Current - Output200mACurrent - Quiescent (Iq)50µACurrent - Supply (Max)-PSRR70dB ~ 55dB (100Hz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case4-X2SON (1x1)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage - Output (Max)-Output (Max)-Output (Max)-Output (Max)- <t< td=""><td>PMIC - Voltage Regulators - Linear</td></t<>		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)50µACurrent - Supply (Max)-PSRR70dB ~ 55dB (100Hz ~ 1MHz)Control FeaturesGover Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature44°C ~ 125°CMounting TypeSurface MountPackage / Case4.X2DFN Exposed PadSupplier Device Package4-X2SON (1x1)	Package	4-XDFN Exposed Pad
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.5V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 200mA Current - Quiescent (Iq) 50µA Current - Supply (Max) - PSRR 70dB ~ 55dB (100Hz ~ 1MHz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO) Operating Temperature 4.0°C ~ 125°C Mounting Type Surface Mount Package / Case 4.XDFN Exposed Pad Supplier Device Package 4.X2SON (1x1)	Series	-
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)50µACurrent - Supply (Max)-PSRR70dB ~ 55dB (100Hz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-X2DFN Exposed PadSupplier Device Package4-X2SON (1x1)	Output Configuration	Positive
Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.5V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 200mA Current - Quiescent (Iq) 50µA Current - Supply (Max) - PSRR 70dB ~ 55dB (100Hz ~ 1MHz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-X2SON (1x1)	Output Type	Fixed
Voltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)50μACurrent - Supply (Max)-PSRR70dB ~ 55dB (100Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-X2SON (1x1)	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)50μACurrent - Supply (Max)-PSRR70dB ~ 55dB (100Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-X2SON (1x1)	Voltage - Input (Max)	5.5V
Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)50μACurrent - Supply (Max)-PSRR70dB ~ 55dB (100Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-X2SON (1x1)	Voltage - Output (Min/Fixed)	1.5V
Current - Output200mACurrent - Quiescent (Iq)50μACurrent - Supply (Max)-PSRR70dB ~ 55dB (100Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-X2SON (1x1)	Voltage - Output (Max)	-
Current - Quiescent (Iq)50μACurrent - Supply (Max)-PSRR70dB ~ 55dB (100Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-X2SON (1x1)	Voltage Dropout (Max)	-
Current - Supply (Max)-PSRR70dB ~ 55dB (100Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-X2SON (1x1)	Current - Output	200mA
PSRR70dB ~ 55dB (100Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-X2SON (1x1)	Current - Quiescent (Iq)	50μΑ
Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-X2SON (1x1)	Current - Supply (Max)	-
Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-X2SON (1x1)	PSRR	70dB ~ 55dB (100Hz ~ 1MHz)
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-X2SON (1x1)	Control Features	Enable
Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-X2SON (1x1)	Protection Features	Over Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)
Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-X2SON (1x1)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package4-X2SON (1x1)	Mounting Type	Surface Mount
	Package / Case	4-XDFN Exposed Pad
Report errors?	Supplier Device Package	4-X2SON (1x1)
		Report errors?

TLV74215PDQNR 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.

TLV74215PDQNR Payment Methods





If you have any question about TLV74215PDQNR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com