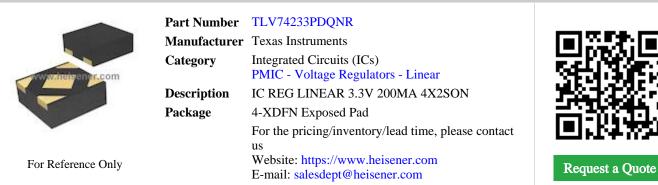


TLV74233PDQNR

TLV74233PDQNR 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.



TLV74233PDQNR Specifications

Manufacturer Texas Instruments Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-XDFN Exposed Pad Series - Output Configuration Positive Dutput Configuration Fixed Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Current - Output 00mA Current - Output OUmA Current - Quiescent (Iq) 50µA Current - Supply (Max) - Control Features Faable Protection Features Mole Protection Features Over Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO) Operating Temperature 40°C ~ 125°C <th></th> <th></th>		
CategoryIntegrated Circuits (ICs)PAIC - Voltage Regulators - LinearPackage4.XDFN Exposed PadPackage-Output ConfigurationPositiveDutput ConfigurationFixedOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage - Output (Max)0.27V @ 150mACurrent - Output00mACurrent - Output50µACurrent - Quiescent (Iq)50µACurrent - Supply (Max)-PSRR70dB ~ 55dB (100Hz ~ 1MHz)Control FeaturesGover Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4.XDFN Exposed PadSupplier Device Package4.X2SN (1x1)	Manufacturer Part Number	TLV74233PDQNR
PMC - Voltage Regulators - LinearPackage4-XDFN Exposed PadSeries-Dutput ConfigurationPositiveDutput ConfigurationPositiveDutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VSoltage - Output (Max)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.27V @ 150mACurrent - Output50µACurrent - 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 Type4-X2SON (1x1)	Manufacturer	Texas Instruments
Package4-XDFN Exposed PadSeries-Dutput ConfigurationPositiveDutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.27V @ 150mACurrent - Output200mACurrent - Output5.5VCurrent - Quiescent (Iq)50µACurrent - Supply (Max)-PSRR70dB ~ 55dB (100Hz ~ 1MHz)Control FeaturesGover Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Portection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Portection FeaturesSurface MountPackage / Case4.XDFN Exposed PadSupplier Device Package4.X2SON (1x1)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveDutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage - Output (Max)0.27V @ 150mAVoltage - Output (Max)0.27V @ 150mAVoltage Dropout (Max)0.27V @ 150mACurrent - Output00mACurrent - Output50µACurrent - Output50µACurrent - Supply (Max)-PostBar70B ~ 555B (100Hz ~ 10HHz)Portection FeaturesOver Current, Output - AlbeOperating Temperature40°C ~ 125°CMounting Type4.3DFN Exposed PadPackage / Case4.3DFN Exposed PadSupplier Device Package4.32SON (1x1)		PMIC - Voltage Regulators - Linear
Dutput ConfigurationPositiveDutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage - Output (Max)0.27V @ 150mAVoltage Dropout (Max)200mACurrent - Output50µACurrent - 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 Type4-XDFN Exposed PadSupplier Device Package4-X2SON (1x1)	Package	4-XDFN Exposed Pad
Durput TypeFixedDurput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.27V @ 150mACurrent - Output200mACurrent - Quiescent (Iq)50µACurrent - Supply (Max)-PSRR70dB ~ 55dB (100Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature4v2SON (1x1)	Series	-
Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage - Output (Max) 0.27V @ 150mA Voltage Dropout (Max) 0.27V @ 150mA Current - Output 200mA Current - Quiescent (Iq) 50µA Current - Supply (Max) - PSRR 70dB ~ 55dB (100Hz ~ 1MHz) Control Features Over Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO) Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 4.X2DFN Exposed Pad Supplier Device Package 4.X2SON (1x1)	Output Configuration	Positive
Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.27V @ 150mA 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 440°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)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.27V @ 150mACurrent - 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)0.27V @ 150mACurrent - 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)0.27V @ 150mACurrent - 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)	3.3V
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)	0.27V @ 150mA
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 / Case4-XDFN Exposed PadSupplier Device Package4-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?

TLV74233PDQNR 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 BUARANTEE

Service Guarantees

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

TLV74233PDQNR Payment Methods





If you have any question about TLV74233PDQNR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com