

NCP717CMX250TCG

NCP717CMX250TCG Information



Part Number	NCP717CMX250TCG	
Manufacturer	ON Semiconductor	
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	
Description	IC REG LINEAR 2.5V 300MA 4XDFN	
Package	4-XDFN Exposed Pad	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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For Reference Only

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NCP717CMX250TCG Specifications

Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Package 4-XDFN Exposed Pad Package - Output Configuration Positive Output Configuration Positive Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.35V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 55µA PSRR - Protection Features Over Current, Over Temperature Operating Temperature 440°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 4.XDFN Exposed Pad Supplier Device Package 4.XDFN Exposed Pad		
Category 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 (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.35V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 5jµA PSRR - Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 4.XDFN Exposed Pad	Manufacturer Part Number	NCP717CMX250TCG
PMIC - Voltage Regulators - LinearPackage4-XDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Min/Fixed)0.35V @ 300mACurrent - Output300mACurrent - Output35µAPSRR-Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating Temperature4.40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4.XDFN Exposed PadSupplier Device Package4.XDFN (1x1)	Manufacturer	ON Semiconductor
Package4-XDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)0.35V @ 300mAVoltage Dropout (Max)300mACurrent - Output35µACurrent - Supply (Max)-PSRR-Control FeaturesSover Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating Type40°C ~ 125°C (TJ)Mounting Type4.XDFN Exposed PadPackage / Case4.XDFN Exposed PadSupplier Device Package4.XDFN (1x1)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage - Output (Max)0.35V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)35µAPSRR-Potection FeaturesOver Current, Over TemperatureOperating Temperature-u0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4.XDFN Exposed PadSupplier Device Package4.XDFN (1x1)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.35V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)5.5µPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating TemperatureSurface MountPackage / Case4.XDFN Exposed PadSupplier Device Package4.XDFN (1x1)	Package	4-XDFN Exposed Pad
Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.35V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)35µAPSRR-Control FeaturesGver Current, Over TemperatureOperating Temperature-Operating TemperatureSurface MountPackage / Case4.XDFN Exposed PadSupplier Device Package4.XDFN (1x1)	Series	-
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.35V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)35µAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	Output Configuration	Positive
Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.35V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 35μA PSRR - Control Features Enable Portection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-XDFN (1x1)	Output Type	Fixed
Voltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.35V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)35μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.35V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)35μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	Voltage - Input (Max)	5.5V
Voltage Dropout (Max)0.35V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)35μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	Voltage - Output (Min/Fixed)	2.5V
Current - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)35μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)35μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	Voltage Dropout (Max)	0.35V @ 300mA
Current - Supply (Max)35μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	Current - Output	300mA
PSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	Current - Quiescent (Iq)	-
Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	Current - Supply (Max)	35µА
Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	PSRR	-
Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	Control Features	Enable
Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	Protection Features	Over Current, Over Temperature
Package / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package 4-XDFN (1x1)	Mounting Type	Surface Mount
	Package / Case	4-XDFN Exposed Pad
Report errors?	Supplier Device Package	4-XDFN (1x1)
		Report errors?

NCP717CMX250TCG 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.

NCP717CMX250TCG Payment Methods





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