

NCP115CMX280TCG

NCP115CMX280TCG Information



For Reference Only

Part Number NCP115CMX280TCG
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description 300 MA CMOS LOW DROPOUT R

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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NCP115CMX280TCG Specifications

Manufacturer Part Number NCP115CMX280TCG Manufacturer ON Semiconductor Category Integrated Circuits (ICs) 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) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.34V @ 300mA Current - Output 300mA Current - Supply (Max) - PSRR 70dB (1kHz) Control Features Enable		
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) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.34V @ 300mA Current - Output 300mA Current - Quiescent (Iq) 95μA Current - Supply (Max) - PSRR 70dB (1kHz)	Manufacturer Part Number	NCP115CMX280TCG
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Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.34V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)95μACurrent - Supply (Max)-PSRR70dB (1kHz)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.34V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)95μACurrent - Supply (Max)-PSRR70dB (1kHz)	Package	4-XDFN Exposed Pad
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Number of Regulators1Voltage - Input (Max)5.5 VVoltage - Output (Min/Fixed)2.8 VVoltage - Output (Max)-Voltage Dropout (Max)0.34 V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)95μACurrent - Supply (Max)-PSRR70dB (1kHz)	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) 95μA Current - Supply (Max) - PSRR 70dB (1kHz)	Output Type	Fixed
Voltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.34V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)95μACurrent - Supply (Max)-PSRR70dB (1kHz)	Number of Regulators	1
Voltage - Output (Max) - Voltage Dropout (Max) 0.34V @ 300mA Current - Output 300mA Current - Quiescent (Iq) 95μA Current - Supply (Max) - PSRR 70dB (1kHz)	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) 95μA Current - Supply (Max) PSRR 70dB (1kHz)	Voltage - Output (Min/Fixed)	2.8V
Current - Output 300mA Current - Quiescent (Iq) 95μA Current - Supply (Max) - PSRR 70dB (1kHz)	Voltage - Output (Max)	-
Current - Quiescent (Iq) 95µA Current - Supply (Max) - PSRR 70dB (1kHz)	Voltage Dropout (Max)	0.34V @ 300mA
Current - Supply (Max) PSRR 70dB (1kHz)	Current - Output	300mA
PSRR 70dB (1kHz)	Current - Quiescent (Iq)	95μΑ
	Current - Supply (Max)	-
Control Features Enable	PSRR	70dB (1kHz)
	Control Features	Enable
Protection Features Over Current, Over Temperature	Protection Features	Over Current, Over Temperature
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TJ)}$	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TJ)}$
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 4-XDFN Exposed Pad	Package / Case	4-XDFN Exposed Pad
Supplier Device Package 4-XDFN (1x1)	Supplier Device Package	4-XDFN (1x1)
Report errors?		Report errors?

NCP115CMX280TCG 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.

NCP115CMX280TCG Payment Methods



















NCP115CMX280TCG Shipping Methods













If you have any question about NCP115CMX280TCG, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com