

## NCP115AMX280TCG

#### NCP115AMX280TCG Information



For Reference Only

Part Number NCP115AMX280TCG
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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# **Certified Quality**

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## NCP115AMX280TCG Specifications

Manufacturer Part NumberNCP115AMX280TCGManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)Package4-XDFN Exposed PadSeries-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)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°C (TJ)		
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)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage - Output (Max)  Voltage Dropout (Max)  -  Voltage Dropout (Max)  Current - Output  300mA  Current - Quiescent (Iq)  Current - Supply (Max)  -  PSRR  70dB (1kHz)  Control Features  Protection Features  Over Current, Over Temperature	Manufacturer Part Number	NCP115AMX280TCG
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) Control Features Enable Protection Features Over Temperature	Manufacturer	ON Semiconductor
Package4-XDFN Exposed PadSeries-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)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Category	Integrated Circuits (ICs)
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)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature		PMIC - Voltage Regulators - Linear
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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 Output 300mA  Current - Quiescent (Iq) 95µA  Current - Supply (Max) -  PSRR 70dB (1kHz)  Control Features Enable  Protection Features Over Current, Over Temperature	Series	-
Number 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)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  2.8V  Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  300mA  Current - Quiescent (Iq)  Current - Supply (Max)  - PSRR  70dB (1kHz)  Control Features  Protection Features  Over Current, Over Temperature	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)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  300mA  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  70dB (1kHz)  Control Features  Protection Features  Over Current, Over Temperature	Voltage - Input (Max)	5.5V
Voltage Dropout (Max)0.34V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)95μACurrent - Supply (Max)-PSRR70dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Voltage - Output (Min/Fixed)	2.8V
Current - Output 300mA  Current - Quiescent (Iq) 95µA  Current - Supply (Max) -  PSRR 70dB (1kHz)  Control Features Enable  Protection Features Over Current, Over Temperature	Voltage - Output (Max)	-
Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  70dB (1kHz)  Control Features  Enable  Protection Features  Over Current, Over Temperature	Voltage Dropout (Max)	0.34V @ 300mA
Current - Supply (Max)  PSRR 70dB (1kHz)  Control Features Enable  Protection Features Over Current, Over Temperature	Current - Output	300mA
PSRR 70dB (1kHz)  Control Features Enable  Protection Features Over Current, Over Temperature	Current - Quiescent (Iq)	95μΑ
Control Features Enable Protection Features Over Current, Over Temperature	Current - Supply (Max)	-
Protection Features Over Current, Over Temperature	PSRR	70dB (1kHz)
, 1	Control Features	Enable
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TJ)}$	Protection Features	Over Current, Over Temperature
	Operating Temperature	-40°C ~ 85°C (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?

#### NCP115AMX280TCG 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.

### NCP115AMX280TCG Payment Methods



















### NCP115AMX280TCG Shipping Methods













If you have any question about NCP115AMX280TCG, please do not hesitate to contact us!

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