

# NCP115AMX120TBG

### NCP115AMX120TBG Information



For Reference Only

Part Number NCP115AMX120TBG
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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# NCP115AMX120TBG Specifications

Manufacturer Part Number       NCP115AMX120TBG         Manufacturer       ON Semiconductor         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)       1.2V         Voltage - Output (Max)       -         Voltage Dropout (Max)       -         Current - Output       300mA         Current - Quiescent (Iq)       95μA         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)         1.2V           Voltage - Output (Max)         -           Voltage Dropout (Max)         -           Current - Output         300mA           Current - Quiescent (Iq)         95μA           Current - Supply (Max)         -           PSRR         70dB (1kHz)	Manufacturer Part Number	NCP115AMX120TBG
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)         1.2V           Voltage - Output (Max)         -           Voltage Dropout (Max)         -           Current - Output         300mA           Current - Quiescent (Iq)         95μA           Current - Supply (Max)         -           PSRR         70dB (1kHz)	Manufacturer	ON Semiconductor
Package Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR  4-XDFN Exposed Pad 6-ACT	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 300mA Current - Quiescent (Iq) 95µA Current - Supply (Max) - PSRR 70dB (1kHz)		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Fixed  Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max)  Voltage Dropout (Max)  - Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR  Positive Pixed Pixed  1  2  4  5.5V  -  -  2  3.00  -  7  7  7  7  7  7  7  7  7  7  7  7	Package	4-XDFN Exposed Pad
Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 5.5V  Voltage - Output (Min/Fixed) 1.2V  Voltage - Output (Max) -  Voltage Dropout (Max) -  Current - Output 300mA  Current - Quiescent (Iq) 95µA  Current - Supply (Max) -  PSRR 70dB (1kHz)	Series	-
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output300mACurrent - Quiescent (Iq)95μACurrent - Supply (Max)-PSRR70dB (1kHz)	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  - Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  5.5V  1.2V  3.00m  - Current - Output  300mA  Current - Quiescent (Iq)  95µA  70dB (1kHz)	Output Type	Fixed
Voltage - Output (Min/Fixed)       1.2V         Voltage - Output (Max)       -         Voltage Dropout (Max)       -         Current - Output       300mA         Current - Quiescent (Iq)       95μA         Current - Supply (Max)       -         PSRR       70dB (1kHz)	Number of Regulators	1
Voltage - Output (Max)       -         Voltage Dropout (Max)       -         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)	1.2V
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)	-
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°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?

### NCP115AMX120TBG Guarantees



#### **Ouality 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.

### NCP115AMX120TBG Payment Methods



















### NCP115AMX120TBG Shipping Methods













If you have any question about NCP115AMX120TBG, please do not hesitate to contact us!

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