

NCP115AMX180TBG

NCP115AMX180TBG Information



For Reference Only

Part Number NCP115AMX180TBG
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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NCP115AMX180TBG Specifications

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) 5.5 V Voltage - Output (Min/Fixed) 1.8 V Voltage - Output (Max) - Voltage Dropout (Max) 0.58V @ 300mA Current - Output 300mA Current - Quiescent (Iq) 95µA Current - Supply (Max) - PSRR 70dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount		
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.58V @ 300mA Current - Output 300mA Current - Quiescent (Iq) 95μA Current - Supply (Max) - PSRR 70dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-XDFN (1x1)		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) 0.58V @ 300mA Current - Output 300mA Current - Quiescent (Iq) 95µA Current - Supply (Max) - PSRR 70dB (1kHz) Control Features Enable Protection Features Operating Temperature Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package	Package	4-XDFN Exposed Pad
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Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.58V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)95μACurrent - Supply (Max)-PSRR70dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.8V 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 Operating Temperature -40°C ~ 85°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)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.58V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)95μACurrent - Supply (Max)-PSRR70dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) Current - Supply (Max) - PSRR 70dB (1kHz) Control Features Enable Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package - United to the surves of the survey of the surves of the surves of the survey of the surves of the survey o	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) 95μA Current - Supply (Max) PSRR 70dB (1kHz) Control Features Enable Protection Features Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount Package / Case Supplier Device Package 4-XDFN Exposed Pad	Voltage - Output (Min/Fixed)	1.8V
Current - Output300mACurrent - Quiescent (Iq)95μACurrent - Supply (Max)-PSRR70dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) - PSRR 70dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-XDFN (1x1)	Voltage Dropout (Max)	0.58V @ 300mA
Current - Supply (Max) PSRR 70dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package	Current - Output	300mA
PSRR 70dB (1kHz) Control Features Enable Protection Features Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-XDFN (1x1)	Current - Quiescent (Iq)	95μΑ
Control Features Enable Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-XDFN (1x1)	Current - Supply (Max)	-
Protection Features Over Current, Over Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C (TJ)}$ Mounting Type Surface Mount $ \text{Package / Case } $	PSRR	70dB (1kHz)
Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-XDFN (1x1)	Control Features	Enable
Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-XDFN (1x1)	Protection Features	Over Current, Over Temperature
Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-XDFN (1x1)	Operating Temperature	-40°C ~ 85°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?

NCP115AMX180TBG 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.

NCP115AMX180TBG Payment Methods



















NCP115AMX180TBG Shipping Methods













If you have any question about NCP115AMX180TBG, please do not hesitate to contact us!

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