

NCP110AMX120TBG

NCP110AMX120TBG Information



For Reference Only

Part Number NCP110AMX120TBG
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 1.2V 200MA 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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









NCP110AMX120TBG Specifications

Manufacturer Part Number NCP110AMX120TBG 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) 5.5 V Voltage - Output (Min/Fixed) 1.2 V Voltage - Output (Max) - Voltage Dropout (Max) 0.19 V @ 200mA Current - Output 200mA Current - Supply (Max) - PSRR 95dB ~ 55dB (100Hz ~ 100kHz) Control Features Enable Protection 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)			
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) 1.2 V Voltage - Output (Max) - Voltage Dropout (Max) 0.19 V @ 200mA Current - Output 200mA Current - Quiescent (Iq) 25μA Current - Supply (Max) - PSRR 95dB ~ 55dB (100Hz ~ 100kHz) Control Features Enable Protection 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)	Manufacturer Part Number	NCP110AMX120TBG	
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) 0.19V @ 200mA Current - Output 200mA Current - Quiescent (Iq) 25μA Current - Supply (Max) - PSRR 95dB ~ 55dB (100Hz ~ 100kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C (TI) Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-XDFN (1x1)	Manufacturer	ON Semiconductor	
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) 0.19V @ 200mA Current - Output 200mA Current - Quiescent (Iq) 25μA Current - Supply (Max) - PSRR 95dB ~ 55dB (100Hz ~ 100kHz) Control 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)	Category	Integrated Circuits (ICs)	
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.19V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)25μACurrent - Supply (Max)-PSRR95dB ~ 55dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°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)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.19V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)25µACurrent - Supply (Max)-PSRR95dB ~ 55dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface 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)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.19V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)25μACurrent - Supply (Max)-PSRR95dB ~ 55dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-XDFN (1x1)	Series	-	
Number of Regulators1Voltage - Input (Max)5.5 VVoltage - Output (Min/Fixed)1.2 VVoltage - Output (Max)-Voltage Dropout (Max)0.19 V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)25 μACurrent - Supply (Max)-PSRR95dB ~ 55dB (100Hz ~ 100kHz)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) Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 200mA Current - Quiescent (Iq) Current - Supply (Max) - PSRR 95dB ~ 55dB (100Hz ~ 100kHz) Control Features Protection Features Operating Temperature Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package 4-XDFN (1x1)	Output Type	Fixed	
Voltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.19V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)25μACurrent - Supply (Max)-PSRR95dB ~ 55dB (100Hz ~ 100kHz)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) Current - Output 200mA Current - Quiescent (Iq) 25μA Current - Supply (Max) - PSRR 95dB ~ 55dB (100Hz ~ 100kHz) Control Features Enable Protection Features Operating Temperature Operating Temperature Ao°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case Supplier Device Package 4-XDFN Exposed Pad	Voltage - Input (Max)	5.5V	
Voltage Dropout (Max)0.19V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)25μACurrent - Supply (Max)-PSRR95dB ~ 55dB (100Hz ~ 100kHz)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)	1.2V	
Current - Output 200mA Current - Quiescent (Iq) 25 μ A Current - Supply (Max) - PSRR 95dB ~ 55dB (100Hz ~ 100kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature	Voltage - Output (Max)	-	
Current - Quiescent (Iq)25μACurrent - Supply (Max)-PSRR95dB ~ 55dB (100Hz ~ 100kHz)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)	0.19V @ 200mA	
Current - Supply (Max) PSRR 95dB ~ 55dB (100Hz ~ 100kHz) Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package	Current - Output	200mA	
PSRR 95dB ~ 55dB (100Hz ~ 100kHz) Control Features Enable Protection 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)	Current - Quiescent (Iq)	25μΑ	
Control Features Protection Features Over Current, Over Temperature -40°C ~ 125°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 $-40^{\circ}\text{C} \sim 125^{\circ}\text{C (TJ)}$ Mounting Type Surface Mount $ \text{Package / Case} $ $ 4-\text{XDFN Exposed Pad} $ Supplier Device Package $ 4-\text{XDFN (1x1)} $	PSRR	95dB ~ 55dB (100Hz ~ 100kHz)	
Operating Temperature -40°C ~ 125°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 ~ 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?

NCP110AMX120TBG 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.

NCP110AMX120TBG Payment Methods



















NCP110AMX120TBG Shipping Methods













If you have any question about NCP110AMX120TBG, please do not hesitate to contact us!

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