

# NCP110AMX100TBG

### NCP110AMX100TBG Information



For Reference Only

Part Number NCP110AMX100TBG
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description**200 MA LOW VIN LOW NOIS**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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# NCP110AMX100TBG Specifications

Manufacturer Part Number         NCP110AMX100TBG           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)         1V           Voltage - Output (Max)         -           Voltage Dropout (Max)         -           Current - Output         200mA           Current - Quiescent (Iq)         25μA           Current - Supply (Max)         -           PSRR         90dB ~ 55dB (100Hz ~ 100kHz)           Control Features         Enable           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C (TJ)           Mounting Type         Surface Mount		
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)         1V           Voltage - Output (Max)         -           Voltage Dropout (Max)         -           Current - Output         200mA           Current - Quiescent (Iq)         25µA           Current - Supply (Max)         -           PSRR         90dB ~ 55dB (100Hz ~ 100kHz)           Control Features         Enable           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C (TJ)	Manufacturer Part Number	NCP110AMX100TBG
Package4-XDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output20mACurrent - Quiescent (Iq)25μACurrent - Supply (Max)-PSRR90dB ~ 55dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)	Manufacturer	ON Semiconductor
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Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)25μACurrent - Supply (Max)-PSRR90dB ~ 55dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)	Package	4-XDFN Exposed Pad
Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)25μACurrent - Supply (Max)-PSRR90dB ~ 55dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)	Series	-
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)25μACurrent - Supply (Max)-PSRR90dB ~ 55dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)	Output Configuration	Positive
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)25μACurrent - Supply (Max)-PSRR90dB ~ 55dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)	Output Type	Fixed
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  - Voltage Dropout (Max)  - Current - Output  200mA  Current - Quiescent (Iq)  25μA  Current - Supply (Max)  - PSRR  90dB ~ 55dB (100Hz ~ 100kHz)  Control Features  Protection Features  Over Current, Over Temperature  Operating Temperature  -40°C ~ 125°C (TJ)	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  - Current - Output  200mA  Current - Quiescent (Iq)  25μA  Current - Supply (Max)  - PSRR  90dB ~ 55dB (100Hz ~ 100kHz)  Control Features  Enable  Protection Features  Operating Temperature  -40°C ~ 125°C (TJ)	Voltage - Input (Max)	5.5V
Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)25μACurrent - Supply (Max)-PSRR90dB ~ 55dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C (TJ)	Voltage - Output (Min/Fixed)	1V
Current - Output 200mA	Voltage - Output (Max)	-
Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  90dB ~ 55dB (100Hz ~ 100kHz)  Control Features  Enable  Protection Features  Over Current, Over Temperature  Operating Temperature  -40°C ~ 125°C (TJ)	Voltage Dropout (Max)	-
Current - Supply (Max)  PSRR 90dB ~ 55dB (100Hz ~ 100kHz)  Control Features Enable  Protection Features Over Current, Over Temperature  Operating Temperature -40°C ~ 125°C (TJ)	Current - Output	200mA
PSRR 90dB $\sim$ 55dB (100Hz $\sim$ 100kHz)  Control Features Enable  Protection Features Over Current, Over Temperature  Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TJ)	Current - Quiescent (Iq)	25μΑ
Control Features Enable  Protection Features Over Current, Over Temperature  Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TJ)	Current - Supply (Max)	-
Protection Features Over Current, Over Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C (TJ)}$	PSRR	90dB ~ 55dB (100Hz ~ 100kHz)
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$	Control Features	Enable
	Protection Features	Over Current, Over Temperature
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 125°C (TJ)
	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?

#### NCP110AMX100TBG 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.

### NCP110AMX100TBG Payment Methods



















### NCP110AMX100TBG Shipping Methods













If you have any question about NCP110AMX100TBG, please do not hesitate to contact us!

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