

NCP114AMX330TCG

NCP114AMX330TCG Information



For Reference Only

Part Number NCP114AMX330TCG
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 3.3V 300MA 4UDFN

Package 4-UDFN 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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NCP114AMX330TCG Specifications

| Manufacturer ON Semiconductor Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-UDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.2V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 95μA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad | | |
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| Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-UDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.2V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 95μA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-UDFN (1.0x1.0) | Manufacturer Part Number | NCP114AMX330TCG |
| PMIC - Voltage Regulators - Linear Package 4-UDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage - Output (Max) - Voltage Dropout (Max) 0.2V @ 300mA Current - Output Current - Quiescent (Iq) - Current - Supply (Max) 95µA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-UDFN (1.0x1.0) | Manufacturer | ON Semiconductor |
| Package 4-UDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.2V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 95µA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-UDFN (1.0x1.0) | Category | Integrated Circuits (ICs) |
| Coutput Configuration Positive | | PMIC - Voltage Regulators - Linear |
| Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.2V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 95µA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-UDFN (1.0x1.0) | Package | 4-UDFN Exposed Pad |
| Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.2V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 95μA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-UDFN (1.0x1.0) | Series | - |
| Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package | Output Configuration | Positive |
| Voltage - Input (Max) Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz) Control Features Protection Features Operating Temperature Operating Type Mounting Type Surface Mount Package / Case 4-UDFN (1.0x1.0) | Output Type | Fixed |
| Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz) Control Features Protection Features Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package 3.3V 3.3V - Voltage Double (Min/Fixed) - 0.2V @ 300mA 300mA - Current - Supply (Max) PSµA PSRR 75dB (1kHz) Control Features Over Current, Over Temperature -40°C ~ 85°C (TA) Surface Mount 4-UDFN Exposed Pad | Number of Regulators | 1 |
| Voltage - Output (Max) Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz) Control Features Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package - Output (Max) - Output | Voltage - Input (Max) | 5.5V |
| Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz) Control Features Enable Protection Features Operating Temperature Operating Type Mounting Type Surface Mount Package / Case Supplier Device Package 0.2V @ 300mA 300mA - Current - Output - Operating Temperature - Over Current, Over Temperature - 40°C ~ 85°C (TA) Surface Mount 4-UDFN Exposed Pad 4-UDFN (1.0x1.0) | Voltage - Output (Min/Fixed) | 3.3V |
| Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 75dB (1kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-UDFN (1.0x1.0) | Voltage - Output (Max) | - |
| Current - Quiescent (Iq) Current - Supply (Max) PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-UDFN (1.0x1.0) | Voltage Dropout (Max) | 0.2V @ 300mA |
| Current - Supply (Max) PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-UDFN (1.0x1.0) | Current - Output | 300mA |
| PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-UDFN (1.0x1.0) | Current - Quiescent (Iq) | - |
| Control Features Protection Features Over Current, Over Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-UDFN (1.0x1.0) | Current - Supply (Max) | 95μΑ |
| Protection Features Over Current, Over Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-UDFN (1.0x1.0) | PSRR | 75dB (1kHz) |
| Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-UDFN (1.0x1.0) | Control Features | Enable |
| Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-UDFN (1.0x1.0) | Protection Features | Over Current, Over Temperature |
| Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-UDFN (1.0x1.0) | Operating Temperature | -40°C ~ 85°C (TA) |
| Supplier Device Package 4-UDFN (1.0x1.0) | Mounting Type | Surface Mount |
| , , | Package / Case | 4-UDFN Exposed Pad |
| Report errors? | Supplier Device Package | 4-UDFN (1.0x1.0) |
| <u> </u> | | Report errors? |

NCP114AMX330TCG 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.

NCP114AMX330TCG Payment Methods



















NCP114AMX330TCG Shipping Methods













If you have any question about NCP114AMX330TCG, please do not hesitate to contact us!

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