

NCP114AMX280TBG

NCP114AMX280TBG Information



For Reference Only

Part Number NCP114AMX280TBG
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 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



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.









NCP114AMX280TBG Specifications

Manufacturer Part NumberNCP114AMX280TBGManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage4-UDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.23V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)95µAPSRR75dB (1kHz)Control FeaturesEnable
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) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.23V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 95μA PSRR 75dB (1kHz)
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) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.23V @ 300mA Current - Output (Quiescent (Iq) - Current - Supply (Max) 95μA PSRR 75dB (1kHz)
Package4-UDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.23V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)95μAPSRR75dB (1kHz)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.23V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)95μAPSRR75dB (1kHz)
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.23V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)95μAPSRR75dB (1kHz)
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.23V @ 300mA Current - Output Current - Quiescent (Iq) - Current - Supply (Max) 95µA PSRR 75dB (1kHz)
Number of Regulators Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz)
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz)
Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) Current - Supply (Max) PSRR 2.8V
Voltage - Output (Max) - Voltage Dropout (Max) 0.23V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 95μA PSRR 75dB (1kHz)
Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 0.23V @ 300mA 300mA - Current - Quiescent (Iq) - 75dB (1kHz)
Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 95μA PSRR 75dB (1kHz)
Current - Quiescent (Iq) Current - Supply (Max) PSRR - 75dB (1kHz)
Current - Supply (Max) 95µA PSRR 75dB (1kHz)
PSRR 75dB (1kHz)
Control Features Enable
Protection Features Over Current, Over Temperature
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Mounting Type Surface Mount
Package / Case 4-UDFN Exposed Pad
Supplier Device Package 4-UDFN (1.0x1.0)
Report errors?

NCP114AMX280TBG 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.

NCP114AMX280TBG Payment Methods



















NCP114AMX280TBG Shipping Methods













If you have any question about NCP114AMX280TBG, please do not hesitate to contact us!

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