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NCP171AMX100080TCG

NCP171AMX100080TCG Information

Part Number NCP171AMX100080TCG

Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description LDO REG

Package 4-XDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com

E-mail: salesdept@heisener.com



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Certified Quality

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NCP171AMX100080TCG Specifications

Manufacturer Part Number NCP171AMX100080TCG Manufacturer ON Semiconductor Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-XDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 80mA Current - Quiescent (Iq) 95µA Current - Supply (Max) - PSRR 65dB (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		
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 80mA Current - Quiescent (Iq) 95μA Current - Supply (Max) - PSRR 65dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount		PMIC - Voltage Regulators - Linear
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Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 80mA Current - Quiescent (Iq) 95μA Current - Supply (Max) - PSRR 65dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount	Series	-
Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 80mA Current - Quiescent (Iq) 95μA Current - Supply (Max) - PSRR 65dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) - Current - Output 80mA Current - Quiescent (Iq) 95μA Current - Supply (Max) - PSRR 65dB (1kHz) Control Features Protection Features Operating Temperature -40°C ~ 85°C (TJ) Mounting Type	Output Type	Fixed
Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 80mA Current - Quiescent (Iq) 95μA Current - Supply (Max) - PSRR 65dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount	Number of Regulators	2
Voltage - Output (Max) Voltage Dropout (Max) - Current - Output 80mA Current - Quiescent (Iq) 95µA Current - Supply (Max) PSRR 65dB (1kHz) Control Features Enable Protection Features Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 80mA Current - Quiescent (Iq) 95μA Current - Supply (Max) PSRR 65dB (1kHz) Control Features Enable Protection Features Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount	Voltage - Output (Min/Fixed)	1V
$\begin{array}{cccc} Current - Output & 80mA \\ Current - Quiescent (Iq) & 95 \mu A \\ Current - Supply (Max) & - \\ PSRR & 65 dB (1kHz) \\ Control Features & Enable \\ Protection Features & Over Current, Over Temperature \\ Operating Temperature & -40 ^{\circ}C ~ 85 ^{\circ}C (TJ) \\ Mounting Type & Surface Mount \\ \end{array}$	Voltage - Output (Max)	-
Current - Quiescent (Iq) 95 μ A Current - Supply (Max) - PSRR 65dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount	Voltage Dropout (Max)	-
Current - Supply (Max) PSRR 65dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount	Current - Output	80mA
PSRR 65dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TJ) Mounting Type Surface Mount	Current - Quiescent (Iq)	95μΑ
Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TJ)Mounting TypeSurface Mount	Current - Supply (Max)	-
Protection Features Over Current, Over Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C (TJ)}$ Mounting Type Surface Mount	PSRR	65dB (1kHz)
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TJ)}$ Mounting Type Surface Mount	Control Features	Enable
Mounting Type Surface Mount	Protection Features	Over Current, Over Temperature
	Operating Temperature	-40°C ~ 85°C (TJ)
Package / Case 4-XDFN Exposed Pad	Mounting Type	Surface Mount
	Package / Case	4-XDFN Exposed Pad
Supplier Device Package 4-XDFN (1.2x1.2)	Supplier Device Package	4-XDFN (1.2x1.2)
Report errors?		Report errors?

NCP171AMX100080TCG Guarantees



Ouality 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.

NCP171AMX100080TCG Payment Methods



















NCP171AMX100080TCG Shipping Methods













If you have any question about NCP171AMX100080TCG, please do not hesitate to contact us!

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