

NCP4680DMX10TCG

NCP4680DMX10TCG Information

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Part NumberNCP4680DMX10TCGManufacturerON SemiconductorCategoryIntegrated Circuits (ICs

tegory Integrated Circuits (ICs)
PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 1V 150MA 4XDFN

Package 4-XFDFN 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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NCP4680DMX10TCG Specifications

Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-XFDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) 0.82V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 70μA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount		
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PMIC - Voltage Regulators - Linear Package 4-XFDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) 0.82V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 70μA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-XDFN (0.8x0.8)	Manufacturer	ON Semiconductor
Package 4-XFDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) 0.82V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 70μA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-XDFN (0.8x0.8)	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) 0.82V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 70μA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-XDFN (0.8x0.8)		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz) Control Features Control Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-XXDFN (0.8x0.8)	Package	4-XFDFN Exposed Pad
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) 0.82V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 70μA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-XDFN (0.8x0.8)	Series	-
Number of Regulators 1 Voltage - Input (Max) 5.25 V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) 0.82 V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 70μA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-XDFN (0.8x0.8)	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current Over Current Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 1V O Nover Current 1V O Nover Current 100	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) 0.82V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz) Control Features Enable Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package - Use 150mA - Current	Voltage - Input (Max)	5.25V
Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-XDFN (0.8x0.8)	Voltage - Output (Min/Fixed)	1V
Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)70μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package4-XDFN (0.8x0.8)	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-XDFN (0.8x0.8)	Voltage Dropout (Max)	0.82V @ 150mA
Current - Supply (Max)70μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package4-XDFN (0.8x0.8)	Current - Output	150mA
PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-XDFN (0.8x0.8)	Current - Quiescent (Iq)	-
Control Features Enable Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-XDFN (0.8x0.8)	Current - Supply (Max)	70μΑ
Protection Features Over Current Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-XDFN ($0.8\text{x}0.8$)	PSRR	75dB (1kHz)
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-XDFN (0.8x0.8)	Control Features	Enable
Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-XDFN (0.8x0.8)	Protection Features	Over Current
Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-XDFN (0.8x0.8)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 4-XDFN (0.8x0.8)	Mounting Type	Surface Mount
11 , , ,	Package / Case	4-XFDFN Exposed Pad
Report errors?	Supplier Device Package	4-XDFN (0.8x0.8)
		Report errors?

NCP4680DMX10TCG 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.

NCP4680DMX10TCG Payment Methods



















NCP4680DMX10TCG Shipping Methods













If you have any question about NCP4680DMX10TCG, please do not hesitate to contact us!

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