

NCP160AFCT330T2G

NCP160AFCT330T2G Information



For Reference Only

Part Number NCP160AFCT330T2G
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 3.3V 250MA 4WLCSP

Package 4-XFBGA, WLCSP

For the pricing/inventory/lead time, please contact

us

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



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NCP160AFCT330T2G Specifications

Manufacturer Part Number NCP160AFCT330T2G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Package 4XFBGA, WLCSP 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) 0.145V @ 250mA Current - Output 250mA Current - Supply (Max) 23µA PSRR 91dB ~ 48dB (100Hz ~ 100kHz) Control Features Enable Protection Features Over Current, Over Temperature, Soft Start Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 4-XFBGA, WLCSP Supplier Device Package 4-WLCSP (0.64x0.64)	•	
Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	Manufacturer Part Number	NCP160AFCT330T2G
PMIC - Voltage Regulators - Linear Package 4-XFBGA, WLCSP 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) 0.145V @ 250mA Current - Output 250mA Current - Quiescent (Iq) - Current - Supply (Max) 23μA PSRR 91dB ~ 48dB (100Hz ~ 100kHz) Control Features Enable Protection Features Over Current, Over Temperature, Soft Start Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 4-XFBGA, WLCSP Supplier Device Package 4-WLCSP (0.64x0.64)	Manufacturer	ON Semiconductor
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Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.145V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)23μAPSRR91dB ~ 48dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft StartOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case4-XFBGA, WLCSPSupplier Device Package4-WLCSP (0.64x0.64)		PMIC - Voltage Regulators - Linear
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Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.145V @ 250mA Current - Output 250mA Current - Quiescent (Iq) - Current - Supply (Max) 23µA PSRR 91dB ~ 48dB (100Hz ~ 100kHz) Control Features Enable Protection Features Over Current, Over Temperature, Soft Start Operating Temperature 40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 4-XFBGA, WLCSP Supplier Device Package 4-WLCSP (0.64x0.64)	Series	-
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.145V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)23μAPSRR91dB ~ 48dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft StartOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case4-XFBGA, WLCSPSupplier Device Package4-WLCSP (0.64x0.64)	Output Configuration	Positive
Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.145V @ 250mA Current - Output 250mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 91dB ~ 48dB (100Hz ~ 100kHz) Control Features Protection Features Over Current, Over Temperature, Soft Start Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 4-XFBGA, WLCSP Supplier Device Package 4-WLCSP (0.64x0.64)	Output Type	Fixed
Voltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.145V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)23μAPSRR91dB ~ 48dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft StartOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case4-XFBGA, WLCSPSupplier Device Package4-WLCSP (0.64x0.64)	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 250mA Current - Quiescent (Iq) - Current - Supply (Max) 23μA PSRR 91dB ~ 48dB (100Hz ~ 100kHz) Control Features Enable Protection Features Over Current, Over Temperature, Soft Start Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case Supplier Device Package 4-WLCSP (0.64x0.64)	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 250mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 91dB ~ 48dB (100Hz ~ 100kHz) Control Features Protection Features Over Current, Over Temperature, Soft Start Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case Supplier Device Package 4-WLCSP (0.64x0.64)	Voltage - Output (Min/Fixed)	3.3V
Current - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)23μAPSRR91dB ~ 48dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft StartOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case4-XFBGA, WLCSPSupplier Device Package4-WLCSP (0.64x0.64)	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)23μAPSRR91dB ~ 48dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft StartOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case4-XFBGA, WLCSPSupplier Device Package4-WLCSP (0.64x0.64)	Voltage Dropout (Max)	0.145V @ 250mA
Current - Supply (Max)23μAPSRR91dB ~ 48dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft StartOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case4-XFBGA, WLCSPSupplier Device Package4-WLCSP (0.64x0.64)	Current - Output	250mA
PSRR 91dB ~ 48dB (100Hz ~ 100kHz) Control Features Enable Protection Features Over Current, Over Temperature, Soft Start Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 4-XFBGA, WLCSP Supplier Device Package 4-WLCSP (0.64x0.64)	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature, Soft Start -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 4-XFBGA, WLCSP Supplier Device Package 4-WLCSP (0.64x0.64)	Current - Supply (Max)	23μΑ
Protection Features Over Current, Over Temperature, Soft Start -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 4-XFBGA, WLCSP Supplier Device Package 4-WLCSP (0.64x0.64)	PSRR	91dB ~ 48dB (100Hz ~ 100kHz)
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA) Mounting Type Surface Mount Package / Case 4-XFBGA , WLCSP Supplier Device Package 4-WLCSP (0.64x0.64)	Control Features	Enable
Mounting Type Surface Mount Package / Case 4-XFBGA, WLCSP Supplier Device Package 4-WLCSP (0.64x0.64)	Protection Features	Over Current, Over Temperature, Soft Start
Package / Case 4-XFBGA, WLCSP Supplier Device Package 4-WLCSP (0.64x0.64)	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package 4-WLCSP (0.64x0.64)	Mounting Type	Surface Mount
	Package / Case	4-XFBGA, WLCSP
Report errors?	Supplier Device Package	4-WLCSP (0.64x0.64)
		Report errors?

NCP160AFCT330T2G 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.

NCP160AFCT330T2G Payment Methods



















NCP160AFCT330T2G Shipping Methods













If you have any question about NCP160AFCT330T2G, please do not hesitate to contact us!

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