

NCP154MX330280TAG

NCP154MX330280TAG Information



For Reference Only

Part Number NCP154MX330280TAG
Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN 2.8/3.3V 8XDFN

Package 8-XFDFN 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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NCP154MX330280TAG Specifications

Manufacturer Part Number NCP154MX330280TAG Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Package 8-XFDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 2.8V, 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.27V @ 300mA, 0.25V @ 300mA Current - Output 300mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) 100μA ~ 200μA PSRR 75dB (IkHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-XFDFN Exposed Pad Supplier Device Package 8-XFDFN (1.6x1.2)	*	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-XFDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 2.8V, 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.27V @ 300mA, 0.25V @ 300mA Current - Output 300mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) 100μA ~ 200μA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-XFDFN Exposed Pad Supplier Device Package 8-XDFN (1.6x1.2)	Manufacturer Part Number	NCP154MX330280TAG
PMIC - Voltage Regulators - LinearPackage8-XFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.25VVoltage - Output (Min/Fixed)2.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.27V @ 300mA, 0.25V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 200μAPSRR75dB (1kHz)Control FeaturesDver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-XFDFN Exposed PadSupplier Device Package8-XFDFN Exposed Pad	Manufacturer	ON Semiconductor
Package 8-XFDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 2.8V, 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.27V @ 300mA, 0.25V @ 300mA Current - Output 300mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) 100μA ~ 200μA PSRR 75dB (1kHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-XFDFN Exposed Pad Supplier Device Package 8-XDFN (1.6x1.2)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.25VVoltage - Output (Min/Fixed)2.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.27V @ 300mA, 0.25V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)100µA ~ 200µAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-XFDFN Exposed PadSupplier Device Package8-XDFN (1.6x1.2)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.25VVoltage - Output (Min/Fixed)2.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.27V @ 300mA, 0.25V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)100µA ~ 200µAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-XFDFN Exposed PadSupplier Device Package8-XDFN (1.6x1.2)	Package	8-XFDFN Exposed Pad
Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 2.8V, 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.27V @ 300mA, 0.25V @ 300mA Current - Output 300mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) 100μA ~ 200μA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-XFDFN Exposed Pad Supplier Device Package 8-XDFN (1.6x1.2)	Series	-
Number of Regulators 2 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 2.8V, 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.27V @ 300mA, 0.25V @ 300mA Current - Output 300mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) 100μA ~ 200μA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-XFDFN Exposed Pad Supplier Device Package 8-XDFN (1.6x1.2)	Output Configuration	Positive
Voltage - Input (Max)5.25VVoltage - Output (Min/Fixed)2.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.27V @ 300mA, 0.25V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 200μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-XFDFN Exposed PadSupplier Device Package8-XDFN (1.6x1.2)	Output Type	Fixed
Voltage - Output (Min/Fixed)2.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.27V @ 300mA, 0.25V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 200μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-XFDFN Exposed PadSupplier Device Package8-XDFN (1.6x1.2)	Number of Regulators	2
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 300mA, 300mA 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 - Utype (Max) - Control Features - Control Features Supplier Device Package - Control Features - Control Fea	Voltage - Input (Max)	5.25V
Voltage Dropout (Max) O.27V @ 300mA, 0.25V @ 300mA Current - Output 300mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-XFDFN Exposed Pad Supplier Device Package	Voltage - Output (Min/Fixed)	2.8V, 3.3V
Current - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 200μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-XFDFN Exposed PadSupplier Device Package8-XDFN (1.6x1.2)	Voltage - Output (Max)	-
Current - Quiescent (Iq) -	Voltage Dropout (Max)	0.27V @ 300mA, 0.25V @ 300mA
Current - Supply (Max) $100\mu A \sim 200\mu A$ $PSRR \qquad 75dB (1kHz)$ $Control Features \qquad Enable$ $Protection Features \qquad Over Current, Over Temperature -40^{\circ}C \sim 85^{\circ}C Mounting Type \qquad Surface Mount Package / Case \qquad 8-XFDFN Exposed Pad Supplier Device Package \qquad 8-XDFN (1.6x1.2)$	Current - Output	300mA, 300mA
PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-XFDFN Exposed Pad Supplier Device Package 8-XDFN (1.6x1.2)	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-XFDFN Exposed Pad Supplier Device Package 8-XDFN (1.6x1.2)	Current - Supply (Max)	$100\mu A \sim 200\mu A$
Protection Features Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-XFDFN Exposed Pad Supplier Device Package 8-XDFN (1.6x1.2)	PSRR	75dB (1kHz)
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-XFDFN Exposed Pad Supplier Device Package 8-XDFN (1.6x1.2)	Control Features	Enable
Mounting Type Surface Mount Package / Case 8-XFDFN Exposed Pad Supplier Device Package 8-XDFN (1.6x1.2)	Protection Features	Over Current, Over Temperature
Package / Case 8-XFDFN Exposed Pad Supplier Device Package 8-XDFN (1.6x1.2)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 8-XDFN (1.6x1.2)	Mounting Type	Surface Mount
	Package / Case	8-XFDFN Exposed Pad
Report errors?	Supplier Device Package	8-XDFN (1.6x1.2)
		Report errors?

NCP154MX330280TAG 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.

NCP154MX330280TAG Payment Methods



















NCP154MX330280TAG Shipping Methods













If you have any question about NCP154MX330280TAG, please do not hesitate to contact us!

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