

NCP152MX300280TCG

NCP152MX300280TCG Information



For Reference Only

Part Number NCP152MX300280TCG Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear IC REG LINEAR 2.8V/3V 6XDFN

DescriptionIC REG LINEAR 2.8V/3V**Package**4-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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NCP152MX300280TCG Specifications

Manufacturer Part Number NCP152MX300280TCG Manufacturer ON Semiconductor Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-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, 3V Voltage - Output (Max) - Voltage - Output (Max) 0.26V @ 150mA, 0.22V @ 150mA Current - Output 150mA, 150mA 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 4-XFDFN Exposed Pad Supplier Device Package 6-XDFN (1.2x1.2)		
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Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.25VVoltage - Output (Min/Fixed)2.8V, 3VVoltage - Output (Max)-Voltage Dropout (Max)0.26V @ 150mA, 0.22V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 200μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package6-XDFN (1.2x1.2)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.25VVoltage - Output (Min/Fixed)2.8V, 3VVoltage - Output (Max)-Voltage Dropout (Max)0.26V @ 150mA, 0.22V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 200μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package6-XDFN (1.2x1.2)	Package	4-XFDFN Exposed Pad
Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.25 V Voltage - Output (Min/Fixed) 2.8 V, 3 V Voltage - Output (Max) - Voltage Dropout (Max) 0.26 V @ 150mA, 0.22 V @ 150mA Current - Output 150mA, 150mA 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 4-XFDFN Exposed Pad Supplier Device Package 6-XDFN (1.2x1.2)	Series	-
Number of Regulators2Voltage - Input (Max)5.25 VVoltage - Output (Min/Fixed)2.8 V, 3 VVoltage - Output (Max)-Voltage Dropout (Max)0.26 V @ 150mA, 0.22 V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 200μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package6-XDFN (1.2x1.2)	Output Configuration	Positive
Voltage - Input (Max) 5.25 V Voltage - Output (Min/Fixed) 2.8 V, 3 V Voltage - Output (Max) - Voltage Dropout (Max) 0.26 V @ 150mA, 0.22 V @ 150mA Current - Output 150mA, 150mA 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 4-XFDFN Exposed Pad Supplier Device Package 6-XDFN (1.2x1.2)	Output Type	Fixed
Voltage - Output (Min/Fixed)2.8V, 3VVoltage - Output (Max)-Voltage Dropout (Max)0.26V @ 150mA, 0.22V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 200μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package6-XDFN (1.2x1.2)	Number of Regulators	2
Voltage - Output (Max) Voltage Dropout (Max) 0.26V @ 150mA, 0.22V @ 150mA Current - Output 150mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz) Control Features Enable Protection Features Operating Temperature Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case Supplier Device Package 6-XDFN (1.2x1.2)	Voltage - Input (Max)	5.25V
Voltage Dropout (Max) Current - Output 150mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz) Control Features Protection Features Operating Temperature Operating Type Mounting Type Surface Mount Package / Case Supplier Device Package 0.26V @ 150mA, 0.22V @ 150mA 150mA, 150mA 150mA, 150mA 100μA ~ 200μA 75dB (1kHz) Control Features Over Current, Over Temperature -40°C ~ 85°C Mounting Type Surface Mount 4-XFDFN Exposed Pad	Voltage - Output (Min/Fixed)	2.8V, 3V
Current - Output Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz) Control Features Protection Features Operating Temperature Operating Type Mounting Type Surface Mount Package / Case Supplier Device Package 150mA, 150mA - Control Features 100μA ~ 200μA 100	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR 75dB (1kHz) Control Features Enable Protection Features Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package	Voltage Dropout (Max)	0.26V @ 150mA, 0.22V @ 150mA
Current - Supply (Max)100μA ~ 200μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package6-XDFN (1.2x1.2)	Current - Output	150mA, 150mA
PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 6-XDFN (1.2x1.2)	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 6-XDFN (1.2x1.2)	Current - Supply (Max)	100μ A ~ 200μ A
Protection Features Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 6-XDFN (1.2x1.2)	PSRR	75dB (1kHz)
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 6-XDFN (1.2x1.2)	Control Features	Enable
Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 6-XDFN (1.2x1.2)	Protection Features	Over Current, Over Temperature
Package / Case 4-XFDFN Exposed Pad Supplier Device Package 6-XDFN (1.2x1.2)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 6-XDFN (1.2x1.2)	Mounting Type	Surface Mount
	Package / Case	4-XFDFN Exposed Pad
D	Supplier Device Package	6-XDFN (1.2x1.2)
Report errors?		Report errors?

NCP152MX300280TCG 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.

NCP152MX300280TCG Payment Methods





















NCP152MX300280TCG Shipping Methods













If you have any question about NCP152MX300280TCG, please do not hesitate to contact us!

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