



NCP606MN30T2G Information



For Reference Only

Part Number NCP606MN30T2G
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 3V 500MA 6DFN

Package 6-VDFN 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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NCP606MN30T2G Specifications

Manufacturer Part Number NCP606MN30T2G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Package 6-VDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage - Output (Max) 0.23V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 180μA PSRR - Control Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	•	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 6-VDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.23V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 180µA PSRR - Control Features Enable Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	Manufacturer Part Number	NCP606MN30T2G
Package 6-VDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.23V @ 500mA Current - Output Quiescent (Iq) - Current - Supply (Max) 180µA PSRR - Control Features Drotection Features Over Temperature, Short Circuit Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-DFN (3x3)	Manufacturer	ON Semiconductor
Package 6-VDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.23V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 180μA PSRR - Control Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.23V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 180μA PSRR - Control Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)		PMIC - Voltage Regulators - Linear
Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.23V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 180μA PSRR - Control Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	Package	6-VDFN Exposed Pad
Output TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)0.23V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)180μAPSRR-Control FeaturesEnableProtection FeaturesOver Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-DFN (3x3)	Series	-
Number of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)0.23V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)180μAPSRR-Control FeaturesEnableProtection FeaturesOver Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-DFN (3x3)	Output Configuration	Positive
Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)0.23V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)180μAPSRR-Control FeaturesEnableProtection FeaturesOver Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-DFN (3x3)	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 180µA PSRR - Control Features Enable Protection Features Over Temperature, Short Circuit Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package 6-DFN (3x3)	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.23V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)180μAPSRR-Control FeaturesEnableProtection FeaturesOver Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-DFN (3x3)	Voltage - Input (Max)	6V
Voltage Dropout (Max) Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Enable Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case Supplier Device Package 6-DFN (3x3)	Voltage - Output (Min/Fixed)	3V
Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)180μAPSRR-Control FeaturesEnableProtection FeaturesOver Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-DFN (3x3)	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)180μAPSRR-Control FeaturesEnableProtection FeaturesOver Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-DFN (3x3)	Voltage Dropout (Max)	0.23V @ 500mA
Current - Supply (Max)180μAPSRR-Control FeaturesEnableProtection FeaturesOver Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-DFN (3x3)	Current - Output	500mA
PSRR Control Features Enable Protection Features Over Temperature, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	Current - Quiescent (Iq)	-
Control Features Protection Features Over Temperature, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	Current - Supply (Max)	180μΑ
Protection Features Over Temperature, Short Circuit Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	PSRR	-
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	Control Features	Enable
Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	Protection Features	Over Temperature, Short Circuit
Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 6-DFN (3x3)	Mounting Type	Surface Mount
	Package / Case	6-VDFN Exposed Pad
Report errors?	Supplier Device Package	6-DFN (3x3)
		Report errors?

NCP606MN30T2G 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.

NCP606MN30T2G Payment Methods



















NCP606MN30T2G Shipping Methods













If you have any question about NCP606MN30T2G, please do not hesitate to contact us!

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