

## NCP707BMX300TCG

#### NCP707BMX300TCG Information



For Reference Only

Part Number NCP707BMX300TCG
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 3V 200MA 4XDFN

Package 4-XDFN 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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# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## NCP707BMX300TCG Specifications

Manufacturer Part Number  Manufacturer  ON Semiconductor  Integrated Circuits (ICs)  PMIC - Voltage Regulators - Linear  Package  4-XDFN Exposed Pad  Series  - Output Configuration  Output Type  Fixed  Number of Regulators  1  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage - Output (Max)  Voltage - Output (Max)  -  Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  Control Features  Protection Features  Operating Temperature		
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         4-XDFN Exposed Pad           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         5.5V           Voltage - Output (Min/Fixed)         3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.165V @ 200mA           Current - Output         200mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         35μA           PSRR         -           Control Features         Enable           Protection Features         Over Current, Over Temperature	Manufacturer Part Number	NCP707BMX300TCG
PMIC - Voltage Regulators - Linear         Package       4-XDFN Exposed Pad         Series       -         Output Configuration       Positive         Output Type       Fixed         Number of Regulators       1         Voltage - Input (Max)       5.5V         Voltage - Output (Min/Fixed)       3V         Voltage - Output (Max)       -         Voltage Dropout (Max)       0.165V @ 200mA         Current - Output       200mA         Current - Quiescent (Iq)       -         Current - Supply (Max)       35μA         PSRR       -         Control Features       Enable         Protection Features       Over Current, Over Temperature	Manufacturer	ON Semiconductor
Package4-XDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)0.165V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)35μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.165V @ 200mA Current - Output Quiescent (Iq) - Current - Supply (Max) 35µA PSRR - Control Features Enable Protection Features - Over Current, Over Temperature		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)0.165V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)35μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Package	4-XDFN Exposed Pad
Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 5.5V  Voltage - Output (Min/Fixed) 3V  Voltage - Output (Max) -  Voltage Dropout (Max) 0.165V @ 200mA  Current - Output 200mA  Current - Quiescent (Iq) -  Current - Supply (Max) 35µA  PSRR -  Control Features Enable  Protection Features Over Current, Over Temperature	Series	-
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)0.165V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)35μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Output Configuration	Positive
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)0.165V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)35μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Output Type	Fixed
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  - Control Features  Enable  Protection Features  3V  3V  3V  3V  3V  - Current - Current - Current - Current - Current - Current - Output  200mA  - Current - Supply (Max)  35µA  - Current - Curre	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  - Control Features  Enable  Protection Features  -  Over Current, Over Temperature	Voltage - Input (Max)	5.5V
Voltage Dropout (Max)  Current - Output  200mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Enable  Protection Features  0.165V @ 200mA  200mA	Voltage - Output (Min/Fixed)	3V
Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  - Control Features  Enable  Protection Features  200mA  -  Enable  Over Current, Over Temperature	Voltage - Output (Max)	-
Current - Quiescent (Iq)       -         Current - Supply (Max)       35μA         PSRR       -         Control Features       Enable         Protection Features       Over Current, Over Temperature	Voltage Dropout (Max)	0.165V @ 200mA
Current - Supply (Max)  PSRR  - Control Features  Enable  Protection Features  Over Current, Over Temperature	Current - Output	200mA
PSRR - Control Features Enable Protection Features Over Current, Over Temperature	Current - Quiescent (Iq)	-
Control Features Enable Protection Features Over Current, Over Temperature	Current - Supply (Max)	35μΑ
Protection Features Over Current, Over Temperature	PSRR	-
, 1	Control Features	Enable
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Protection Features	Over Current, Over Temperature
operating remperature	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 4-XDFN Exposed Pad	Package / Case	4-XDFN Exposed Pad
Supplier Device Package 4-XDFN (1x1)	Supplier Device Package	4-XDFN (1x1)
Report errors?		Report errors?

#### NCP707BMX300TCG 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.

### NCP707BMX300TCG Payment Methods



















### NCP707BMX300TCG Shipping Methods













If you have any question about NCP707BMX300TCG, please do not hesitate to contact us!

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