

# NCP120BMX115TCG

### NCP120BMX115TCG Information



For Reference Only

Part Number NCP120BMX115TCG
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 1.15V 150MA 6XDFN

Package 6-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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## **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.









# NCP120BMX115TCG Specifications

Manufacturer Part Number  Manufacturer  ON Semiconductor  Category  Integrated Circuits (ICs)  PMIC - Voltage Regulators - Linear  6-XFDFN Exposed Pad  Series  Output Configuration  Positive  Output Type  Fixed  Number of Regulators  1  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  80dB ~ 70dB (1kHz)
Category   Integrated Circuits (ICs)
PMIC - Voltage Regulators - Linear  Package 6-XFDFN Exposed Pad  Series - Output Configuration Positive Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 5.5V  Voltage - Output (Min/Fixed) 1.15V  Voltage - Output (Max) - Voltage Dropout (Max) 0.075V @ 150mA  Current - Output 150mA  Current - Quiescent (Iq) - Current - Supply (Max) -  PSRR 80dB ~ 70dB (1kHz)
Package 6-XFDFN Exposed Pad  Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.15V Voltage - Output (Max) - Voltage Dropout (Max) 0.075V @ 150mA  Current - Output 150mA  Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 80dB ~ 70dB (1kHz)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.15V Voltage - Output (Max) - Voltage Dropout (Max) 0.075V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 80dB ~ 70dB (1kHz)
Output Configuration Output Type Fixed  Number of Regulators 1 Voltage - Input (Max) 5.5V  Voltage - Output (Min/Fixed) 1.15V  Voltage - Output (Max) - Voltage Dropout (Max) - Voltage Dropout (Max) Current - Output 150mA  Current - Quiescent (Iq) - Current - Supply (Max) - PSRR  80dB ~ 70dB (1kHz)
Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.15VVoltage - Output (Max)-Voltage Dropout (Max)0.075V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR80dB ~ 70dB (1kHz)
Number of Regulators  Voltage - Input (Max)  5.5V  Voltage - Output (Min/Fixed)  1.15V  Voltage - Output (Max)  -  Voltage Dropout (Max)  Current - Output  150mA  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  80dB ~ 70dB (1kHz)
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR   5.5V  1.15V  0.075V @ 150mA  - Current - Quiescent (Iq)  - Current - Quiescent (Iq)  - Rodb (1kHz)
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  1.15V  1.15V  1.15V  1.000  - 0.075V @ 150mA  1.150mA  1.15W  - 0.075V @ 150mA  1.15W  - 0.075V @ 150mA  1.15V  1.16V  1.16V
Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR
Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  0.075V @ 150mA  150mA  -  80dB ~ 70dB (1kHz)
Current - Output       150mA         Current - Quiescent (Iq)       -         Current - Supply (Max)       -         PSRR       80dB ~ 70dB (1kHz)
Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 80dB ~ 70dB (1kHz)
Current - Supply (Max) - PSRR 80dB ~ 70dB (1kHz)
PSRR 80dB ~ 70dB (1kHz)
Control Features Enable
Protection Features Over Current, Over Temperature, Under Voltage Lockout (UVLO)
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
Mounting Type Surface Mount
Package / Case 6-XFDFN Exposed Pad
Supplier Device Package 6-XDFN (1.2x1.2)
Report error

#### NCP120BMX115TCG 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.

### NCP120BMX115TCG Payment Methods



















## NCP120BMX115TCG Shipping Methods













If you have any question about NCP120BMX115TCG, please do not hesitate to contact us!

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