

# NCV8720BMT135TBG

### NCV8720BMT135TBG Information

| Heisener.com       | <br>NCV8720BMT135TBG<br>ON Semiconductor<br>Integrated Circuits (ICs)<br>PMIC - Voltage Regulators - Linear<br>IC REG LINEAR 350MA 6WDFN<br>- |             |
|--------------------|---|-------------|
| For Reference Only | For the pricing/inventory/lead time, please contact<br>us<br>Website: https://www.heisener.com<br>E-mail: salesdept@heisener.com              | Request a C |

## **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.



Quote

### NCV8720BMT135TBG Specifications

| Manufacturer     ON Semiconductor       Category     Integrated Circuits (ICs)       PMIC - Voltage Regulators - Linear       Package     -       Series     Automotive, AEC-Q100       Dutput Configuration     Positive       Output Type     Fixed       Number of Regulators     1       Voltage - Input (Max)     5.5V       Voltage - Output (Min/Fixed)     1.35V       Voltage - Output (Max)     -       Voltage - Output (Max)     -       Current - Output     350mA       Current - Quiescent (Iq)     -       Current - Supply (Max)     -       PSRR     65dB ~ 25dB (1kHz ~ 1MHz)       Control Features     Finable       Protection Features     Over Current, Over Temperature, Under Voltage Lockout (UVLO)       Operating Temperature     -40°C ~ 125°C (TA)       Package / Case     - |                              |  |                |
|--|------------------------------|--|----------------|
| CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage-PackageAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.35VVoltage - Output (Max)-Voltage Output (Max)1.4V @ 350mACurrent - Output350mACurrent - Output-Current - Quiescent (Iq)-PSRR65dB ~ 25dB (1kHz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Package / Case-Supplier Device Package-Supplier Device Package-   | Manufacturer Part Number     | NCV8720BMT135TBG   |                |
| PMC - Voltage Regulators - LinearPackage-SeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5 VVoltage - Output (Min/Fixed)1.35 VVoltage - Output (Max)-Voltage - Output (Max)-Current - Output350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR65dB ~ 25dB (1kHz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Package / Case-Supplier Device Package-  | Manufacturer                 | ON Semiconductor   |                |
| Package-SeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.35VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)1.4V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)65dB ~ 25dB (1kHz ~ 1MHz)Control FeaturesFoableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Package / Case-Supplier Device Package-  | Category                     | Integrated Circuits (ICs)                                    |                |
| Automotive, AEC-Q100       Output Configuration     Positive       Output Type     Fixed       Number of Regulators     1       Voltage - Input (Max)     5.5V       Voltage - Output (Min/Fixed)     1.35V       Voltage - Output (Max)     -       Voltage - Output (Max)     -       Voltage Dropout (Max)     1.4V @ 350mA       Current - Output     350mA       Current - Quiescent (Iq)     -       Current - Supply (Max)     -       PSRR     65dB ~ 25dB (1kHz ~ 1MHz)       Control Features     Over Current, Over Temperature, Under Voltage Lockout (UVLO)       Operating Temperature     -       Protection Features     -       Protection Features     -       Operating Temperature     -       Package / Case     -       Package / Case     -       Supplier Device Package     -       |                              | PMIC - Voltage Regulators - Linear                           |                |
| Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.35VVoltage - Output (Max)-Voltage - Output (Max)1.4V @ 350mACurrent - Output350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR65dB ~ 25dB (1kHz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-Package / Case-Supplier Device Package-   | Package                      | -  |                |
| Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.35VVoltage - Output (Max)-Voltage Dropout (Max)1.4V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR65dB ~ 25dB (1kHz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Package / Case-Supplier Device Package-  | Series                       | Automotive, AEC-Q100   |                |
| Number of Regulators1Number of Regulators1.Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.35VVoltage - Output (Max)-Voltage Dropout (Max)1.4V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR65dB ~ 25dB (1kHz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case-Supplier Device Package-  | Output Configuration         | Positive   |                |
| Voltage - Input (Max)     5.5V       Voltage - Output (Min/Fixed)     1.35V       Voltage - Output (Max)     -       Voltage Dropout (Max)     1.4V @ 350mA       Current - Output     350mA       Current - Quiescent (Iq)     -       Current - Supply (Max)     -       PSRR     65dB ~ 25dB (1kHz ~ 1MHz)       Control Features     Enable       Protection Features     Over Current, Over Temperature, Under Voltage Lockout (UVLO)       Operating Temperature     -40°C ~ 125°C (TA)       Package / Case     -       Supplier Device Package     -   | Output Type                  | Fixed  |                |
| Voltage - Output (Min/Fixed)1.35VVoltage - Output (Max)-Voltage Dropout (Max)1.4V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR65dB ~ 25dB (1kHz ~ 1MHz)Control FeaturesDever Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Package / Case-Supplier Device Package-   | Number of Regulators         | 1  |                |
| Voltage - Output (Max)-Voltage Dropout (Max)1.4V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR65dB ~ 25dB (1kHz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case-Supplier Device Package-  | Voltage - Input (Max)        | 5.5V   |                |
| Voltage Dropout (Max)1.4V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR65dB ~ 25dB (1kHz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case-Supplier Device Package-   | Voltage - Output (Min/Fixed) | 1.35V  |                |
| Current - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR65dB ~ 25dB (1kHz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case-Supplier Device Package-  | Voltage - Output (Max)       | -  |                |
| Current - Quiescent (Iq)-Current - Supply (Max)-PSRR65dB ~ 25dB (1kHz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case-Supplier Device Package-   | Voltage Dropout (Max)        | 1.4V @ 350mA   |                |
| Current - Supply (Max)-PSRR65dB ~ 25dB (1kHz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case-Supplier Device Package-  | Current - Output             | 350mA  |                |
| PSRR65dB ~ 25dB (1kHz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case-Supplier Device Package-   | Current - Quiescent (Iq)     | -  |                |
| Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case-Supplier Device Package-  | Current - Supply (Max)       | -  |                |
| Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case-Supplier Device Package-August 1-August 2-August 2-  | PSRR                         | 65dB ~ 25dB (1kHz ~ 1MHz)                                    |                |
| Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case-Supplier Device Package-   | Control Features             | Enable   |                |
| Mounting Type-Package / Case-Supplier Device Package-Supplier Device Package-  | Protection Features          | Over Current, Over Temperature, Under Voltage Lockout (UVLO) |                |
| Package / Case -   Supplier Device Package -   | Operating Temperature        | -40°C ~ 125°C (TA)   |                |
| Supplier Device Package -  | Mounting Type                | -  |                |
|  | Package / Case               | -  |                |
| Report errors?   | Supplier Device Package      | -  |                |
|  |                              |  | Report errors? |

### NCV8720BMT135TBG 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.

#### NCV8720BMT135TBG Payment Methods





If you have any question about NCV8720BMT135TBG, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com