

NCP4671DSN09T1G



**ON Semiconductor®** 

**Part Number:** [NCP4671DSN09T1G](#)

**Manufacturer:** [AMI Semiconductor / ON Semiconductor](#)

**Description:** IC REG LINEAR 0.9V 400mA SOT23-5

**Data sheet:**  [NCP4671 Series](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                  |                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | NCP4671DSN09T1G                           | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a>                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC REG LINEAR 0.9V 400mA SOT23-5          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 131525 pcs                                | Data sheet                       | <a href="#">NCP4671 Series</a>                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.3V @ 400mA                                                            |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.9V                                      | Voltage - Output (Max)           | -                                                                       |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5.25V                                     | Supplier Device Package          | SOT-23-5                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Protection Features              | Over Current, Under Voltage Lockout (UVLO)                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                          | Package / Case                   | SC-74A, SOT-753                                                         |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 80dB ~ 50dB (1kHz)                        | Output Type                      | Fixed                                                                   |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                    | Positive                                  | Other Names                      | NCP4671DSN09T1G-ND<br>NCP4671DSN09T1GOSTR                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 85°C                              | Number of Regulators             | 1                                                                       |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                           | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                | Detailed Description             | Linear Voltage Regulator IC Positive Fixed 1 Output 0.9V 400mA SOT-23-5 |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                | 40µA                                      | Current - Output                 | 400mA                                                                   |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                        | Enable                                    | Base Part Number                 | NCP4671                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                                     |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">NCP4671DSN15T1G</a><br>Description: IC REG LDO 1.5V 0.4A SOT23-5     | Manufacturers: <a href="#">ON Semiconductor</a>                     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP4641H050T1G</a><br>Description: IC REG LINEAR 5V 150MA SOT89-5    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP4672DR2G</a><br>Description: IC REG LINEAR 3.5V/1.8V 8SOIC        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP4680DMX10TCG</a><br>Description: IC REG LINEAR 1V 150MA 4XDFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP4671DMX06TCG</a><br>Description: IC REG LINEAR 0.6V 400MA 6XDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP4680DMX12TCG</a><br>Description: IC REG LINEAR 1.2V 150MA 4XDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP4641H080T1G</a><br>Description: IC REG LINEAR 8V 150MA SOT89-5    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP4671DSN12T1G</a><br>Description: IC REG LINEAR 1.2V 400MA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">NCP4671DSN13T1G</a><br>Description: IC REG LINEAR 1.3V 400MA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">NCP4641H030T1G</a><br>Description: IC REG LINEAR 3V 120MA SOT89-5    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP4680DMX23TCG</a><br>Description: IC REG LINEAR 2.3V 150MA 4XDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP4641H033T1G</a><br>Description: IC REG LINEAR 3.3V 120MA SOT89-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">NCP4680DMX18TCG</a><br>Description: IC REG LINEAR 1.8V 150MA 4XDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |

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