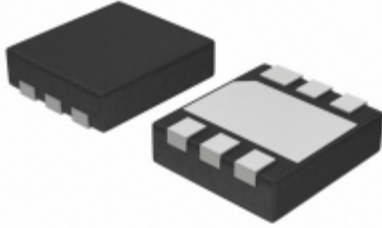


NCP693DMN08TCG



**ON Semiconductor®**

**Part Number:** [NCP693DMN08TCG](#)

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

**Description:** IC REG LINEAR 0.8V 1A 6UDFN

**Data sheet:**  [NCP693](#)

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

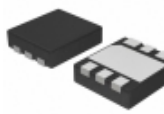
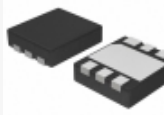
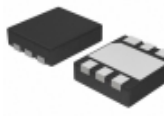
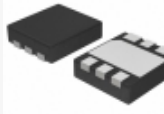
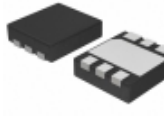
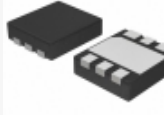
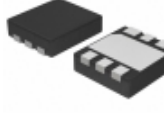
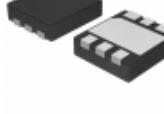
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                            |                                |                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | NCP693DMN08TCG                                                             | Manufacturer                   | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG LINEAR 0.8V 1A 6UDFN                                                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5950 pcs                                                                   | Data sheet                     | <a href="#">NCP693</a>                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                                  | Voltage Dropout (Max)          | 1.65V @ 1A                                           |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.8V                                                                       | Voltage - Output (Max)         | -                                                    |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                | 6.5V                                                                       | Supplier Device Package        | 6-UDFN (1.8x2)                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                          | Protection Features            | Over Current, Over Temperature                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tape & Reel (TR)                                                           | Package / Case                 | 6-UDFN Exposed Pad                                   |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 70dB (1kHz)                                                                | Output Type                    | Fixed                                                |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                 | Positive                                                                   | 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 0.8V 1A 6-UDFN (1.8x2) | Current - Quiescent (Iq)       | 90µA                                                 |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1A                                                                         | Control Features               | Enable                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | NCP693                                                                     |                                |                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                                     |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">NCP693HMN12TCG</a><br>Description: IC REG LINEAR 1.2V 1A 6UDFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP693HMN25TCG</a><br>Description: IC REG LINEAR 2.5V 1A 6UDFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP693DMN33TCG</a><br>Description: IC REG LINEAR 3.3V 1A 6UDFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP693HMN08TCG</a><br>Description: IC REG LINEAR 0.8V 1A 6UDFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP693DMN25TCG</a><br>Description: IC REG LINEAR 2.5V 1A 6UDFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP693DMN12TCG</a><br>Description: IC REG LINEAR 1.2V 1A 6UDFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP693HMN10TCG</a><br>Description: IC REG LINEAR 1V 1A 6UDFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP692MN50T2GEVB</a><br>Description: EVAL BOARD FOR NCP692MN50T2G | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP692MN33T2G</a><br>Description: IC REG LINEAR 3.3V 1A 6DFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP692MNADT2GEVB</a><br>Description: BOARD EVAL NCP692 ADJ        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP692MN25T2G</a><br>Description: IC REG LINEAR 2.5V 1A 6DFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP692MN25T2GEVB</a><br>Description: EVAL BOARD FOR NCP692MN25T2G | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP692MN18T2GEVB</a><br>Description: EVAL BOARD FOR NCP692MN18T2G | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP694D08HT1G</a><br>Description: IC REG LINEAR 0.8V 1A SOT89-5   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP692MN33T2GEVB</a><br>Description: BOARD EVAL FOR NCP692        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP692MNADJT2G</a><br>Description: IC REG LINEAR POS ADJ 1A 6DFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP693DMN10TCG</a><br>Description: IC REG LINEAR 1V 1A 6UDFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP692MN50T2G</a><br>Description: IC REG LINEAR 5V 1A 6DFN        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP693HMN33TCG</a><br>Description: IC REG LINEAR 3.3V 1A 6UDFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP692MN18T2G</a><br>Description: IC REG LINEAR 1.8V 1A 6DFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |

| Related keywords for NCP693DMN08TCG    |                                      |                                           |                                            |
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| Sanyo Semiconductor / ON Semiconductor |                                      |                                           |                                            |
| NCP693DMN08TCG                         |                                      |                                           |                                            |

