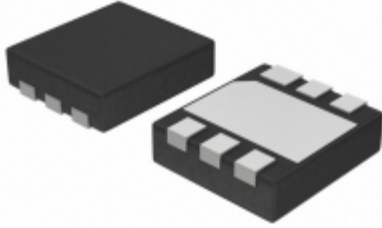


NCP693HMN25TCG



**ON Semiconductor®**

**Part Number:** [NCP693HMN25TCG](#)

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

**Description** IC REG LINEAR 2.5V 1A 6UDFN

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

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

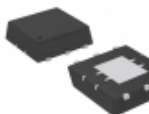
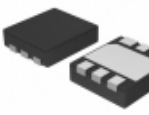
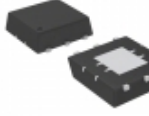
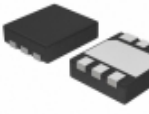
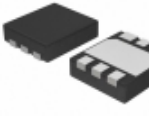
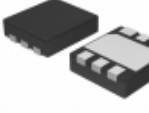
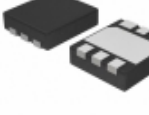
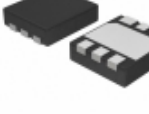
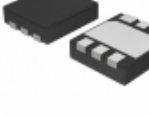
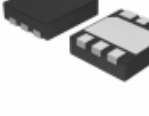
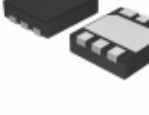
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                          | NCP693HMN25TCG                                                             | Manufacturer                   | <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG LINEAR 2.5V 1A 6UDFN                                                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4327 pcs                                                                   | Data sheet                     | <a href="#">NCP693</a>                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                                  | Voltage Dropout (Max)          | 1.1V @ 1A                                                            |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.5V                                                                       | 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 2.5V 1A 6-UDFN (1.8x2) | Current - Quiescent (Iq)       | 90µA                                                                 |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1A                                                                         | Control Features               | Enable                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | NCP693                                                                     |                                |                                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 4327 pieces of AMI Semiconductor / ON Semiconductor NCP693HMN25TCG in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                                            |                                |                                                                      |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                                                     |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">NCP694DSAN08T1G</a><br>Description: IC REG LINEAR 0.8V 1A 6HSON     | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">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</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP694DSAN10T1G</a><br>Description: IC REG LINEAR 1V 1A 6HSON       | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">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</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP693DMN08TCG</a><br>Description: IC REG LINEAR 0.8V 1A 6UDFN      | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">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</a> / <a href="#">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</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP692MNADT2GEVB</a><br>Description: BOARD EVAL NCP692 ADJ          | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP694D33HT1G</a><br>Description: IC REG LINEAR 3.3V 1A SOT89-5     | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP694DADJHT1G</a><br>Description: IC REG LINEAR POS ADJ 1A SOT89-5 | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP694D10HT1G</a><br>Description: IC REG LINEAR 1V 1A SOT89-5       | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP693HMN12TCG</a><br>Description: IC REG LINEAR 1.2V 1A 6UDFN      | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">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</a> / <a href="#">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</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP694D25HT1G</a><br>Description: IC REG LINEAR 2.5V 1A SOT89-5     | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">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</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP694DSAN12T1G</a><br>Description: IC REG LINEAR 1.2V 1A 6HSON     | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">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</a> / <a href="#">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</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP694D12HT1G</a><br>Description: IC REG LINEAR 1.2V 1A SOT89-5     | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |

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