

NCP691MN50T2G



ON Semiconductor®

Part Number: [NCP691MN50T2G](#)

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

Description: IC REG LINEAR 5V 1A 6DFN

Data sheet:  [NCP690-92, NCV8690](#)

RoHs Status: Lead free / RoHS Compliant

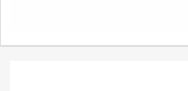
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                 |                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | NCP691MN50T2G                             | Manufacturer                    | <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a>  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG LINEAR 5V 1A 6DFN                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                   | 93680 pcs                                 | Data sheet                      | <a href="#">NCP690-92, NCV8690</a>                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)           | 0.21V @ 1A                                                            |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                         | 5V                                        | Voltage - Output (Max)          | -                                                                     |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                | 6V                                        | Supplier Device Package         | 6-DFN (3x3)                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Protection Features             | Over Temperature, Short Circuit                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tape & Reel (TR)                          | Package / Case                  | 6-VDFN Exposed Pad                                                    |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                         | 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)                             | Manufacturer Standard Lead Time | 29 Weeks                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS Compliant                | Detailed Description            | Linear Voltage Regulator IC Positive Fixed 1 Output 5V 1A 6-DFN (3x3) |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                               | 240µA                                     | Current - Quiescent (Iq)        | 200µA                                                                 |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1A                                        | Control Features                | Enable                                                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | NCP691                                    |                                 |                                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 93680 pieces of AMI Semiconductor / ON Semiconductor NCP691MN50T2G 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="#">NCP6924AFCET1G</a><br>Description: IC REG LDO 1V 30WLCSP            | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP6914AFCAT1G</a><br>Description: IC REG LDO 0.8A 20WLCSP          | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP6924BFCHT1G</a><br>Description: IC REG LDO 1V 30WLCSP            | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP6924GFCCHT1G</a><br>Description: USR 2DCDC 4LDO                  | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP6924CFCHT1G</a><br>Description: IC REG LDO 1V 30WLCSP            | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP6922CDMTTXG</a><br>Description: IC PMIC MINI 2 DCDC 2LDO 20QFN   | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP691MNADJT2G</a><br>Description: IC REG LINEAR POS ADJ 1A 6DFN    | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP6915AFCCLT1G</a><br>Description: IC PMIC 6CH 1DC-DC 5LDO 16WLCSP | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP691MN18T2G</a><br>Description: IC REG LINEAR 1.8V 1A 6DFN        | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP691MN25T2G</a><br>Description: IC REG LINEAR 2.5V 1A 6DFN        | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP691MN15T2G</a><br>Description: IC REG LINEAR 1.5V 1A 6DFN        | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP6925AFCT1G</a><br>Description: IC REG 7OUT BUCK/LINEAR 36WLCSP   | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP6914AFCCLT1G</a><br>Description: IC REG LDO 0.8A 20WLCSP         | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP6914AFCBT1G</a><br>Description: IC REG LDO 0.8A 20WLCSP          | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP690MNADT2GEVB</a><br>Description: EVAL BOARD FOR NCP690MNADT2G   | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP6922CCMTTXG</a><br>Description: IC REG QD BUCK/LINEAR            | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP691MN33T2G</a><br>Description: IC REG LINEAR 3.3V 1A 6DFN        | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP6922CBMTTXG</a><br>Description: IC REG QD BUCK/LINEAR            | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP6914AFCDT1G</a><br>Description: IC REG LDO 0.8A 20WLCSP          | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP6924AFCHT1G</a><br>Description: IC REG LDO 1V 30WLCSP            | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |

Related keywords for NCP691MN50T2G

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