

NCP590MNADR2G



ON Semiconductor®



Part Number:

NCP590MNADR2G

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

IC REG LINEAR 1.5V/1.8V 8DFN

Data sheet:

 [NCP590](#)

RoHS Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

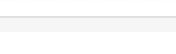
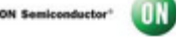
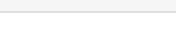
Shipment Way:

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                  |                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | NCP590MNADR2G                             | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC REG LINEAR 1.5V/1.8V 8DFN              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4737 pcs                                  | Data sheet                       | <a href="#">NCP590</a>                                                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | -                                                                                       |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1.5V, 1.8V                                | Voltage - Output (Max)           | -                                                                                       |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5.5V                                      | Supplier Device Package          | 8-DFN (2x2)                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Protection Features              | Over Current, Over Temperature                                                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tape & Reel (TR)                          | Package / Case                   | 8-VDFN Exposed Pad                                                                      |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 55dB (120Hz)                              | Output Type                      | Fixed                                                                                   |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Positive                                  | Other Names                      | NCP590MNADR2GOSTR                                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 85°C                              | Number of Regulators             | 2                                                                                       |
| 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 2 Output 1.5V, 1.8V 300mA, 300mA 8-DFN (2x2) |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 250µA                                     | Current - Quiescent (Iq)         | 125µA                                                                                   |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 300mA, 300mA                              | Control Features                 | Enable                                                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | NCP590                                    |                                  |                                                                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 4737 pieces of AMI Semiconductor / ON Semiconductor NCP590MNADR2G 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                         |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                                     |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">NCP590MN5ATAG</a><br>Description: IC REG LINEAR 1.2V/1.5V 8DFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP590MN5DTAG</a><br>Description: IC REG LINEAR 1.2V/1.8V 8DFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5901GMNTBG</a><br>Description: IC MOSFET DVR SYNC VR12 8-DFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5901EMNTBG</a><br>Description: IC MOSFET DVR SYNC VR12 8-SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP590MNDPTAGEVB</a><br>Description: BOARD DEMO 1.8V X 2.8V LDO REG | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5901BEMNTBG</a><br>Description: IC MOSFET DVR SYNC VR12 8-SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP590MNPPTAGEVB</a><br>Description: BOARD DEMO 2.8V X 2.8V LDO REG | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP590MNOATAGEVB</a><br>Description: BOARD DEMO 1.5V X 2.4V LDO REG | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5901MNTBG</a><br>Description: IC MOSFET DVR SYNC VR12 8-DFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP590MNDPTAG</a><br>Description: IC REG LINEAR 1.8V/2.8V 8DFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP590MN5ATAGEVB</a><br>Description: BOARD DEMO 1.2V X 1.5V LDO REG | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5901DR2G</a><br>Description: IC MOSFET DVR SYNC VR12 8-SOIC      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP590MNDSR2G</a><br>Description: IC REG LINEAR 1.8V/3V 8DFN        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP590MNPPTAG</a><br>Description: IC REG LINEAR 2.8V/2.8V 8DFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP590MNOATAG</a><br>Description: IC REG LINEAR 1.5V/2.4V 8DFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP590MN5DTAGEVB</a><br>Description: BOARD DEMO 1.2V X 1.8V LDO REG | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP590MNOAR2G</a><br>Description: IC REG LINEAR 1.5V/2.4V 8DFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP590MNPPTAG</a><br>Description: IC REG LINEAR 2.8V/2.8V 8DFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5901BMNTBG</a><br>Description: IC MOSFET DVR SYNC VR12 8-DFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP590MNDPR2G</a><br>Description: IC REG LINEAR 1.8V/2.8V 8DFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

Related keywords for NCP590MNADR2G

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|                                        |                                      | NCP590MNADR2G                             | NCP590MNADR2G                              |
| Sanyo Semiconductor / ON Semiconductor |                                      |                                           |                                            |
| NCP590MNADR2G                          |                                      |                                           |                                            |

