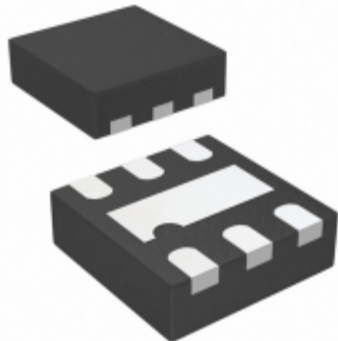
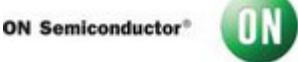


NCP176AMX300TCG





Part Number: [NCP176AMX300TCG](#)

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

Description: IC REG LINEAR 3V 500MA 6XDFN

Data sheet:  [NCP176](#)

RoHs Status: Lead free / RoHS Compliant

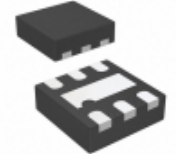
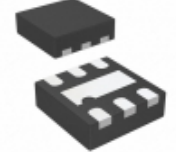
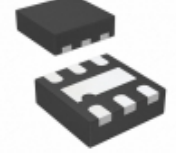
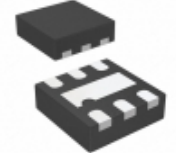
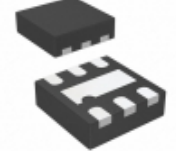
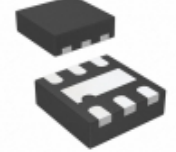
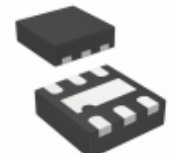
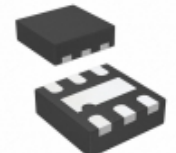
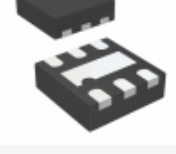
Ship From: Hong Kong

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                 |                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NCP176AMX300TCG                           | Manufacturer                    | <a href="#">AMI Semiconductor / ON Semiconductor</a>                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG LINEAR 3V 500MA 6XDFN              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 470719 pcs                                | Data sheet                      | <a href="#">NCP176</a>                                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)           | 0.165V @ 500ma                                                                |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3V                                        | Voltage - Output (Max)          | -                                                                             |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5.5V                                      | Supplier Device Package         | 6-XDFN (1.2x1.2)                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                         | Protection Features             | Over Current, Over Temperature                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tape & Reel (TR)                          | Package / Case                  | 6-XDFN Exposed Pad                                                            |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 75dB (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)                             | Manufacturer Standard Lead Time | 4 Weeks                                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                | Detailed Description            | Linear Voltage Regulator IC Positive Fixed 1 Output 3V 500mA 6-XDFN (1.2x1.2) |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 90µA                                      | Current - Output                | 500mA                                                                         |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Enable                                    |                                 |                                                                               |
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|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">NCP170BXV300T2G</a><br>Description: IC REG LINEAR 3V 150MA SOT563-6 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP177AMX110TCG</a><br>Description: IC REG LINEAR 1.1V 500MA 4XDFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP177AMX120TCG</a><br>Description: IC REG LINEAR 1.2V 500MA 4XDFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP170BXV330T2G</a><br>Description: IC REG LIN 3.3V 150MA SOT563-6  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP170BXV250T2G</a><br>Description: IC REG LIN 2.5V 150MA SOT563-6  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP176AMX100TCG</a><br>Description: IC REG LINEAR 1V 500MA 6XDFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP176BMX180TCG</a><br>Description: IC REG LINEAR 1.8V 500MA 6XDFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP170BXV310T2G</a><br>Description: IC REG LINEAR 3.1V 150MA SOT563 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP176AMX330TCG</a><br>Description: IC REG LINEAR 3.3V 500MA 6XDFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1729SN35T1G</a><br>Description: IC REG SWTCHD CAP INV 50MA 6TSOP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP176BMX300TCG</a><br>Description: IC REG LINEAR 3V 500MA 6XDFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP176BMX120TCG</a><br>Description: IC REG LINEAR 1.2V 500MA 6XDFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP176BMX330TCG</a><br>Description: IC REG LINEAR 3.3V 500MA 6XDFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP177AMX100TCG</a><br>Description: IC REG LINEAR 1V 500MA 4XDFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1729SN35T1</a><br>Description: IC REG SWTCHD CAP INV 50MA 6TSOP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP176AMX120TCG</a><br>Description: IC REG LINEAR 1.2V 500MA 6XDFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP176AMX180TCG</a><br>Description: IC REG LINEAR 1.8V 500MA 6XDFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP177AMX070TCG</a><br>Description: IC REG LINEAR 0.7V 500MA 4XDFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP176BMX100TCG</a><br>Description: IC REG LINEAR 1V 500MA 6XDFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

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