

NCV8560SNADJT1G



ON Semiconductor®

Part Number: [NCV8560SNADJT1G](#)

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

Description: IC REG LIN POS ADJ 150mA 5TSOP

Data sheet:  [NCV8560](#)

RoHs Status: Lead free / RoHS Compliant

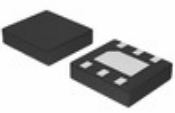
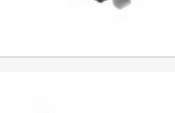
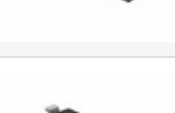
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                    |                                  |                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | NCV8560SNADJT1G                                                                    | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC REG LIN POS ADJ 150mA 5TSOP                                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 189875 pcs                                                                         | Data sheet                       | <a href="#">NCV8560</a>                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                                          | Voltage Dropout (Max)            | 0.125V @ 150mA                                       |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                            | 1.25V                                                                              | Voltage - Output (Max)           | 5V                                                   |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                   | 6V                                                                                 | Supplier Device Package          | 5-TSOP                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Automotive, AEC-Q100                                                               | Protection Features              | Over Current, Over Temperature                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                                                                   | Package / Case                   | SOT-23-5 Thin, TSOT-23-5                             |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 62dB ~ 38dB (120Hz ~ 10kHz)                                                        | Output Type                      | Adjustable                                           |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                    | Positive                                                                           | Other Names                      | NCV8560SNADJT1G-ND<br>NCV8560SNADJT1GOSTR            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 125°C                                                                      | Number of Regulators             | 1                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                           | Surface Mount                                                                      | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                         | 5 Weeks                                                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | Linear Voltage Regulator IC Positive Adjustable 1 Output 1.25 V ~ 5 V 150mA 5-TSOP | Current - Quiescent (Iq)         | 135µA                                                |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                        | 150mA                                                                              | Control Features                 | Enable                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                        | NCV8560                                                                            |                                  |                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                                     |                |
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|  | Part#: <a href="#">NCV8570BSN28T1G</a><br>Description: IC REG LINEAR 2.8V 200MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8560SN130T1G</a><br>Description: IC REG LINEAR 1.3V 150MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8570BSN18T1G</a><br>Description: IC REG LINEAR 1.8V 200MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8560SN330T1G</a><br>Description: IC REG LINEAR 3.3V 150MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8570BMN180R2G</a><br>Description: IC REG LINEAR 1.8V 200MA 6DFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8570BMN250R2G</a><br>Description: IC REG LINEAR 2.5V 200MA 6DFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8570BSN33T1G</a><br>Description: IC REG LINEAR 3.3V 200MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8560SN180T1G</a><br>Description: IC REG LINEAR 1.8V 150MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8560SN350T1G</a><br>Description: IC REG LINEAR 3.5V 150MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8560SN250T1G</a><br>Description: IC REG LINEAR 2.5V 150MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8560SN150T1G</a><br>Description: IC REG LINEAR 1.5V 150MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8560SN500T1G</a><br>Description: IC REG LINEAR 5V 150MA 5TSOP     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8570BMN330R2G</a><br>Description: IC REG LINEAR 3.3V 200MA 6DFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8570BSN30T1G</a><br>Description: IC REG LINEAR 3V 200MA 5TSOP     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8560SN280T1G</a><br>Description: IC REG LINEAR 2.8V 150MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8570BMN300R2G</a><br>Description: IC REG LINEAR 3V 200MA 6DFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8570BSN25T1G</a><br>Description: IC REG LINEAR 2.5V 200MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8560SN300T1G</a><br>Description: IC REG LINEAR 3V 150MA 5TSOP     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8560MNADJR2G</a><br>Description: IC REG LINEAR POS ADJ 150MA 6DFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

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