

NCV8502PDW25G



ON Semiconductor®



Part Number:

NCV8502PDW25G

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

IC REG LINEAR 2.5V 150MA 16SOIC

Data sheet:

 [NCV8502 Series](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

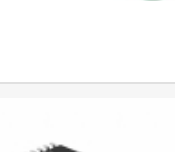
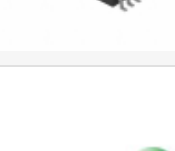
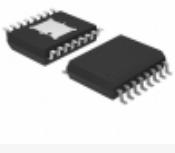
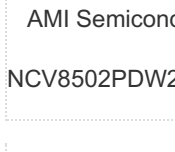
Shipment Way:

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                        |                                |                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | NCV8502PDW25G                                                          | Manufacturer                   | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC REG LINEAR 2.5V 150MA 16SOIC                                        | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5140 pcs                                                               | Data sheet                     | <a href="#">NCV8502 Series</a>                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>                              | Voltage Dropout (Max)          | -                                                    |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2.5V                                                                   | Voltage - Output (Max)         | -                                                    |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 45V                                                                    | Supplier Device Package        | 16-SOIC                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Automotive, AEC-Q100                                                   | Protection Features            | Over Temperature, Reverse Polarity, Short Circuit    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tube                                                                   | Package / Case                 | 16-SOIC (0.295", 7.50mm Width) Exposed Pad           |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                      | Output Type                    | Fixed                                                |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Positive                                                               | Operating Temperature          | -40°C ~ 150°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 150mA 16-SOIC | Current - Supply (Max)         | 19mA                                                 |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 125µA                                                                  | Current - Output               | 150mA                                                |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Enable, Reset                                                          | Base Part Number               | NCV8502                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 5140 pieces of AMI Semiconductor / ON Semiconductor NCV8502PDW25G 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="#">NCV8502PDW25R2G</a><br>Description: IC REG LINEAR 2.5V 150MA 16SOIC | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502PDW33R2</a><br>Description: IC REG LINEAR 3.3V 150MA 16SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502PDW33R2G</a><br>Description: IC REG LINEAR 3.3V 150MA 16SOIC | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502DADJR2G</a><br>Description: IC REG LIN POS ADJ 150MA 8SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502DADJ</a><br>Description: IC REG LIN POS ADJ 150MA 8SOIC      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502PDW100G</a><br>Description: IC REG LINEAR 10V 150MA 16SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502DADJR2</a><br>Description: IC REG LIN POS ADJ 150MA 8SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502PDW50G</a><br>Description: IC REG LINEAR 5V 150MA 16SOIC     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502D80R2G</a><br>Description: IC REG LINEAR 8V 150MA 8SOIC      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502PDW33G</a><br>Description: IC REG LINEAR 3.3V 150MA 16SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502PDW50R2</a><br>Description: IC REG LINEAR 5V 150MA 16SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502DADJG</a><br>Description: IC REG LIN POS ADJ 150MA 8SOIC     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502PDW50R2G</a><br>Description: IC REG LINEAR 5V 150MA 16SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502PDW33</a><br>Description: IC REG LINEAR 3.3V 150MA 16SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502PDW100R2G</a><br>Description: IC REG LINEAR 10V 150MA 16SOIC | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502PDW100R2</a><br>Description: IC REG LINEAR 10V 150MA 16SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502PDW50</a><br>Description: IC REG LINEAR 5V 150MA 16SOIC      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502PDW100</a><br>Description: IC REG LINEAR 10V 150MA 16SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502PDW25R2</a><br>Description: IC REG LINEAR 2.5V 150MA 16SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8502PDW25</a><br>Description: IC REG LINEAR 2.5V 150MA 16SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

| Related keywords for NCV8502PDW25G     |                                      |                                           |                                            |
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