

ON Semiconductor®  
ON

AMI Semiconductor / ON

Semiconductor



|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | NCV8501D50G                                                                                                  |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                         |
| Product description | IC REG LINEAR 5V 150MA 8SOIC                                                                                 |
| Datasheets:         |  NCV8501D50G.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 2776 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of NCV8501D50G

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | NCV8501D50G                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                                |
| DESCRIPTION                      | IC REG LINEAR 5V 150MA 8SOIC                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| QUANTITY AVAILABLE               | 2776 pcs                                                                                            |
| DATA SHEET                       |  NCV8501D50G.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.6V @ 150mA                                                                                        |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 5V                                                                                                  |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                   |
| VOLTAGE - INPUT (MAX)            | 45V                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                              |
| SERIES                           | Automotive, AEC-Q100                                                                                |
| PROTECTION FEATURES              | Over Temperature, Reverse Polarity, Short Circuit                                                   |
| PACKAGING                        | Tube                                                                                                |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                       |
| 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 5V 150mA 8-SOIC                                 |
| CURRENT - SUPPLY (MAX)           | 19mA                                                                                                |
| CURRENT - QUIESCENT (IQ)         | 125µA                                                                                               |
| CURRENT - OUTPUT                 | 150mA                                                                                               |
| CONTROL FEATURES                 | Enable, Reset                                                                                       |
| BASE PART NUMBER                 | NCV8501                                                                                             |

Related Tags

|                                                       |                                                        |                                                      |
|-------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor NCV8501D50G      | NCV8501D50G Distributor                                | NCV8501D50G Supplier                                 |
| NCV8501D50G Price                                     | NCV8501D50G Pictures                                   | NCV8501D50G Image                                    |
| NCV8501D50G PDF Datasheet                             | NCV8501D50G Download Datasheet                         | NCV8501D50G Datasheet                                |
| NCV8501D50G Stock                                     | Buy NCV8501D50G                                        | Buy AMI Semiconductor / ON Semiconductor NCV8501D50G |
| AMI Semiconductor / ON Semiconductor NCV8501D50G      | AMI Semiconductor / ON Semiconductor Supplier          | AMI Semiconductor / ON Semiconductor Distributor     |
| AMI Semiconductor / ON Semiconductor NCV8501D50G      | ON Semiconductor NCV8501D50G                           | Aptina / ON Semiconductor NCV8501D50G                |
| Catalyst Semiconductor / ON Semiconductor NCV8501D50G | PulseCore Semiconductor / ON Semiconductor NCV8501D50G | Sanyo Semiconductor / ON Semiconductor NCV8501D50G   |

Related Products

|                                                                                                                                                                                                                           |                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>ON Semiconductor®<br/>ON</div><div>NCV8501D50</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 5V 150MA 8SOIC<br/>In stock: 73844 pcs</div><div>RFQ</div></div>     | <div><div>ON Semiconductor®<br/>ON</div><div>NCV8501D80G</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 8V 150MA 8SOIC<br/>In stock: 6451 pcs</div><div>RFQ</div></div>      |
| <div><div>ON Semiconductor®<br/>ON</div><div>NCV8501D50R2G</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 5V 150MA 8SOIC<br/>In stock: 71993 pcs</div><div>RFQ</div></div>  | <div><div>ON Semiconductor®<br/>ON</div><div>NCV8501D33R2G</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 3.3V 150MA 8SOIC<br/>In stock: 4890 pcs</div><div>RFQ</div></div>  |
| <div><div>ON Semiconductor®<br/>ON</div><div>NCV8501D80R2G</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 8V 150MA 8SOIC<br/>In stock: 188443 pcs</div><div>RFQ</div></div> | <div><div>ON Semiconductor®<br/>ON</div><div>NCV8501D25R2G</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.5V 150MA 8SOIC<br/>In stock: 4271 pcs</div><div>RFQ</div></div>  |
| <div><div>ON Semiconductor®<br/>ON</div><div>NCV8501D33</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 3.3V 150MA 8SOIC<br/>In stock: 81959 pcs</div><div>RFQ</div></div>   | <div><div>ON Semiconductor®<br/>ON</div><div>NCV8501D33R2</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 3.3V 150MA 8SOIC<br/>In stock: 129197 pcs</div><div>RFQ</div></div> |
| <div><div>ON Semiconductor®<br/>ON</div><div>NCV8501D50R2</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 5V 150MA 8SOIC<br/>In stock: 102990 pcs</div><div>RFQ</div></div>  | <div><div>ON Semiconductor®<br/>ON</div><div>NCV8501D80</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 8V 150MA 8SOIC<br/>In stock: 70130 pcs</div><div>RFQ</div></div>      |
| <div><div>ON Semiconductor®<br/>ON</div><div>NCV8501D33G</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 3.3V 150MA 8SOIC<br/>In stock: 4042 pcs</div><div>RFQ</div></div>   | <div><div>ON Semiconductor®<br/>ON</div><div>NCV8501D80R2</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 8V 150MA 8SOIC<br/>In stock: 125019 pcs</div><div>RFQ</div></div>   |