

NCV4275CDS50R4G



ON Semiconductor®

Part Number: [NCV4275CDS50R4G](#)

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

Description: IC REG LINEAR 5V 450MA D2PAK

Data sheet:  [NCV4275C](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NCV4275CDS50R4G                                                    | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG LINEAR 5V 450MA D2PAK                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 103869 pcs                                                         | Data sheet                       | <a href="#">NCV4275C</a>                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage Dropout (Max)            | 0.5V @ 300mA                                         |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5V                                                                 | Voltage - Output (Max)           | -                                                    |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 42V                                                                | Supplier Device Package          | D2PAK                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Automotive, AEC-Q100                                               | Protection Features              | Over Temperature, Reverse Polarity, Short Circuit    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tape & Reel (TR)                                                   | Package / Case                   | TO-263-6, D²Pak (5 Leads + Tab), TO-263BA            |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 60dB (100Hz)                                                       | Output Type                      | Fixed                                                |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Positive                                                           | Other Names                      | NCV4275CDS50R4G-ND<br>NCV4275CDS50R4GOSTR            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 150°C                                                      | Number of Regulators             | 1                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Surface Mount                                                      | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 47 Weeks                                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Linear Voltage Regulator IC Positive Fixed 1 Output 5V 450mA D2PAK | Current - Supply (Max)           | 35mA                                                 |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 150µA                                                              | Current - Output                 | 450mA                                                |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Reset                                                              |                                  |                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                                     |                |
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|  | Part#: <a href="#">NCV4275ADS33G</a><br>Description: IC REG LINEAR 3.3V 450MA D2PAK-5      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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