

AMI Semiconductor / ON

NCV8509PDW18R2

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| Part Number: | NCV8509PDW18R2 |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor |
| Product description: | IC REG LINEAR 3.3V/1.8V 16SOIC |
| Datasheets: | NCV8509PDW18R2.pdf |
| RoHS Status: | Contains lead / RoHS non-compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

Semiconductor

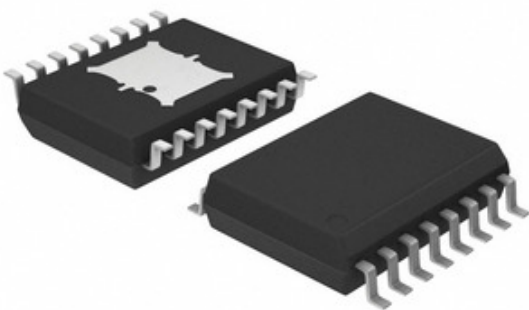


Image may be representation. See specifications for product details.

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Specifications of NCV8509PDW18R2

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|----------------------------------|---|
| PART NUMBER | NCV8509PDW18R2 |
| MANUFACTURER | AMI Semiconductor / ON Semiconductor |
| DESCRIPTION | IC REG LINEAR 3.3V/1.8V 16SOIC |
| LEAD FREE STATUS / ROHS STATUS | Contains lead / RoHS non-compliant |
| DATA SHEET | NCV8509PDW18R2.pdf |
| VOLTAGE DROPOUT (MAX) | 0.6V @ 100mA, - |
| VOLTAGE - OUTPUT (MIN/FIXED) | 3.3V, 1.8V |
| VOLTAGE - OUTPUT (MAX) | - |
| VOLTAGE - INPUT (MAX) | 50V |
| SUPPLIER DEVICE PACKAGE | 16-SOIC |
| SERIES | Automotive, AEC-Q100 |
| PROTECTION FEATURES | Over Temperature |
| PACKAGING | Tape & Reel (TR) |
| PACKAGE / CASE | 16-SOIC (0.295", 7.50mm Width) Exposed Pad |
| PSRR | - |
| OUTPUT TYPE | Fixed |
| OUTPUT CONFIGURATION | Positive |
| OTHER NAMES | NCV8509PDW18ROSTR |
| OPERATING TEMPERATURE | -40°C ~ 125°C |
| NUMBER OF REGULATORS | 2 |
| MOUNTING TYPE | Surface Mount |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited) |
| LEAD FREE STATUS / ROHS STATUS | Contains lead / RoHS non-compliant |
| DETAILED DESCRIPTION | Linear Voltage Regulator IC Positive Fixed 2 Output 3.3V, 1.8V 115mA, 100mA 16-SOIC |
| CURRENT - SUPPLY (MAX) | 10mA |
| CURRENT - QUIESCENT (IQ) | 175µA |
| CURRENT - OUTPUT | 115mA, 100mA |
| CONTROL FEATURES | Reset |
| BASE PART NUMBER | NCV8509 |

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| <p>NCV8509PDW25R2G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 5V/2.5V 16SOIC In stock: Out stock RFQ</p> | <p>NCV8509PDW18G Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG LINEAR 3.3V/1.8V 16SOIC In stock: Out stock RFQ</p> |
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