

NCP161AFCS300T2G



ON Semiconductor®

Part Number: [NCP161AFCS300T2G](#)

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

Description: IC REG LINEAR 3V 450MA 4WLCSP

Data sheet:  [NCP161](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                                               | NCP161AFCS300T2G                                                                 | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC REG LINEAR 3V 450MA 4WLCSP                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1070152 pcs                                                                      | Data sheet                       | <a href="#">NCP161</a>                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                        | Voltage Dropout (Max)            | 0.275V @ 450mA                                       |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                              | 3V                                                                               | Voltage - Output (Max)           | -                                                    |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5.5V                                                                             | Supplier Device Package          | 4-WLCSP (0.64x0.64)                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                                | Protection Features              | Over Current, Over Temperature, Soft Start           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                                                                 | Package / Case                   | 4-XFBGA, WLCSP                                       |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 91dB ~ 48dB (100Hz ~ 100kHz)                                                     | Output Type                      | Fixed                                                |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                      | Positive                                                                         | Other Names                      | NCP161AFCS300T2G-ND<br>NCP161AFCS300T2GOSTR          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 125°C                                                                    | Number of Regulators             | 1                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | Surface Mount                                                                    | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                           | 7 Weeks                                                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | Linear Voltage Regulator IC Positive Fixed 1 Output 3V 450mA 4-WLCSP (0.64x0.64) |                                  |                                                      |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                          | 450mA                                                                            | Current - Quiescent (Iq)         | 23µA                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                  | Control Features                 | Enable                                               |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                                     |     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----|
|  | Part#: <a href="#">NCP161AFCS330T2G</a><br>Description: IC REG LINEAR 3.3V 450MA 4WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP161AFCS280T2G</a><br>Description: IC REG LINEAR 2.8V 450MA 4WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP1615DDR2G</a><br>Description: IC CTRLR PFC HV ACTIVE X2 16SOIC     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP161AFCT250T2G</a><br>Description: IC REG LINEAR 2.5V 450MA 4WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP161AFCS180T2G</a><br>Description: IC REG LINEAR 1.8V 450MA 4WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP161AFCT180T2G</a><br>Description: IC REG LINEAR 1.8V 450MA 4WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP161AFCT185T2G</a><br>Description: IC REG LINEAR 1.85V 450MA 4WLCSP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP1615C5DR2G</a><br>Description: IC PWR FACTOR CTRLR 16SOIC          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP1616A1DR2G</a><br>Description: HIGH VOLTAGE HIGH EFFICIE           | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP1615D2DR2G</a><br>Description: IC CTRLR PFC HV ACTIVE X2 16SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP161AFCS450T2G</a><br>Description: IC REG LINEAR 4.5V 450MA 4WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP161AFCS320T2G</a><br>Description: IC REG LINEAR 3.2V 450MA 4WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP161AFCS285T2G</a><br>Description: IC REG LINEAR 2.85V 450MA 4WLCSP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP161AFCS250T2G</a><br>Description: IC REG LINEAR 2.5V 450MA 4WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP161AFCS500T2G</a><br>Description: IC REG LINEAR 5V 450MA 4WLCSP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP1615GEVB</a><br>Description: EVAL BOARD NCP1615G                   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP161AFCS514T2G</a><br>Description: IC REG LINEAR 5.14V 450MA 4WLCSP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP161AFCS350T2G</a><br>Description: IC REG LINEAR 3.5V 450MA 4WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP1615CDR2G</a><br>Description: IC CTRLR PFC HV ACTIVE X2 16SOIC     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP161AFCT280T2G</a><br>Description: IC REG LINEAR 2.8V 450MA 4WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |

| Related keywords for NCP161AFCS300T2G                      |                                      |                                                               |                                                                |
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