

NCP59744MN1ADJTBG



ON Semiconductor®



Part Number:

NCP59744MN1ADJTBG

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

3A DUAL RAIL VLDO LIN REG

Data sheet:

NCP59744

RoHs Status:

Ship From:

Hong Kong

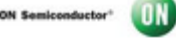
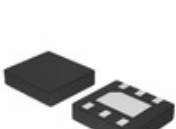
Shipment Way:

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                      |                                 |                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------|--------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | NCP59744MN1ADJTBG                                    | Manufacturer                    | AMI Semiconductor / ON Semiconductor |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3A DUAL RAIL VLDO LIN REG                            | Lead Free Status / RoHS Status  |                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 134047 pcs                                           | Data sheet                      | NCP59744                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Integrated Circuits (ICs)                            | Voltage Dropout (Max)           | 0.16V @ 3A                           |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.8V                                                 | Voltage - Output (Max)          | 3.6V                                 |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5.5V                                                 | Supplier Device Package         | 10-DFN (3x3)                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                    | Protection Features             | Over Current, Over Temperature       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                                     | Package / Case                  | 10-VDFN Exposed Pad                  |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 72dB ~ 50dB (1kHz ~ 1MHz)                            | Output Type                     | Adjustable                           |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                      | Positive                                             | Operating Temperature           | -40°C ~ 125°C (TJ)                   |
| Number of Regulators                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                                    | Mounting Type                   | Surface Mount                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                        | Manufacturer Standard Lead Time | 11 Weeks                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | Linear Voltage Regulator IC 1 Output 3A 10-DFN (3x3) | Current - Output                | 3A                                   |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                          | Enable, Power Good, Soft Start                       |                                 |                                      |
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|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|
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|  | Part#: <a href="#">NCP59749MN2ADJTBG</a><br>Description: IC REG LINEAR POS ADJ 3A 20QFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP59302DSADJR4G</a><br>Description: IC REG LINEAR POS ADJ 3A D2PAK-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP59301DS28R4G</a><br>Description: IC REG LINEAR 2.8V 3A D2PAK-5      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">NCP59748MN1ADJTBG</a><br>Description: IC REG LINEAR POS ADJ 1.5A 10DFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">NCP59800BMNADJTBG</a><br>Description: IC REG LINEAR POS ADJ 1A 8DFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP59744MN2ADJTBG</a><br>Description: IC REG LINEAR POS ADJ 3A 20QFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP600SN130T1G</a><br>Description: IC REG LINEAR 1.3V 150MA 5TSOP      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP59748MN1ADJTBEVB</a><br>Description: EVAL BOARD NCP59748MN1ADJTBG   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">NCP59301DS33R4G</a><br>Description: IC REG LINEAR 3.3V 3A D2PAK-5      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP59152MNADJTYG</a><br>Description: IC REG LINEAR POS ADJ 1.5A 8DFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">NCP59744MN2ADJGEVB</a><br>Description: EVAL BOARD NCP59744MN2ADJG      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP59749MN2ADJTBEVB</a><br>Description: EVAL BOARD NCP59749MN2ADJTBG   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP59301DS18R4G</a><br>Description: IC REG LINEAR 1.8V 3A D2PAK-5      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |

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