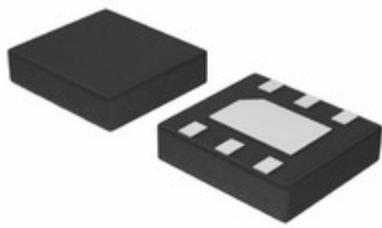


NCP605MN25T2G



ON Semiconductor®

Part Number: [NCP605MN25T2G](#)

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

Description: IC REG LINEAR 2.5V 500MA 6DFN

Data sheet:  [NCP605,606](#)

RoHs Status: Lead free / RoHS Compliant

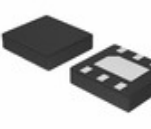
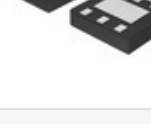
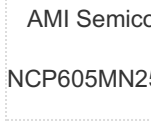
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy NCP605MN25T2G with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                 |                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | NCP605MN25T2G                             | Manufacturer                    | <a href="#">AMI Semiconductor / ON Semiconductor</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC REG LINEAR 2.5V 500MA 6DFN             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                    | 160535 pcs                                | Data sheet                      | <a href="#">NCP605,606</a>                                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)           | 0.25V @ 500mA                                                              |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                          | 2.5V                                      | Voltage - Output (Max)          | -                                                                          |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6V                                        | Supplier Device Package         | 6-DFN (3x3)                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Protection Features             | Over Temperature, Short Circuit                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tape & Reel (TR)                          | Package / Case                  | 6-VDFN Exposed Pad                                                         |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Output Type                     | Fixed                                                                      |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                  | Positive                                  | Operating Temperature           | -40°C ~ 125°C                                                              |
| Number of Regulators                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1                                         | Mounting Type                   | Surface Mount                                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 19 Weeks                                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                | Detailed Description            | Linear Voltage Regulator IC Positive Fixed 1 Output 2.5V 500mA 6-DFN (3x3) |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                              | 180µA                                     | Current - Output                | 500mA                                                                      |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                      | Enable                                    | Base Part Number                | NCP605                                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 160535 pieces of AMI Semiconductor / ON Semiconductor NCP605MN25T2G in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                           |                                 |                                                                            |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                                     |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">NCP603SN350T1G</a><br>Description: IC REG LINEAR 3.5V 300MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP605MN33T2G</a><br>Description: IC REG LINEAR 3.3V 500MA 6DFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP603SN330T1G</a><br>Description: IC REG LINEAR 3.3V 300MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP605MN15T2G</a><br>Description: IC REG LINEAR 1.5V 500MA 6DFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP603SN280T1G</a><br>Description: IC REG LINEAR 2.8V 300MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP603SNADJT1G</a><br>Description: IC REG LIN POS ADJ 300MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP603SN180T1G</a><br>Description: IC REG LINEAR 1.8V 300MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP605MNADJT2G</a><br>Description: IC REG LINEAR POS ADJ 500MA 6DFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP606MN30T2G</a><br>Description: IC REG LINEAR 3V 500MA 6DFN       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP603SN500T1G</a><br>Description: IC REG LINEAR 5V 300MA 5TSOP     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP606MN18T2G</a><br>Description: IC REG LINEAR 1.8V 500MA 6DFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP605MN50T2G</a><br>Description: IC REG LINEAR 5V 500MA 6DFN       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP605MN18T2G</a><br>Description: IC REG LINEAR 1.8V 500MA 6DFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP606MN28T2G</a><br>Description: IC REG LINEAR 2.8V 500MA 6DFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP606MN15T2G</a><br>Description: IC REG LINEAR 1.5V 500MA 6DFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP603SN250T1G</a><br>Description: IC REG LINEAR 2.5V 300MA 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP603SN300T1G</a><br>Description: IC REG LINEAR 3V 300MA 5TSOP     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP606MN25T2G</a><br>Description: IC REG LINEAR 2.5V 500MA 6DFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP605MN28T2G</a><br>Description: IC REG LINEAR 2.8V 500MA 6DFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP605MN30T2G</a><br>Description: IC REG LINEAR 3V 500MA 6DFN       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

| Related keywords for NCP605MN25T2G     |                                      |                                           |                                            |
|----------------------------------------|--------------------------------------|-------------------------------------------|--------------------------------------------|
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|                                        |                                      | NCP605MN25T2G                             | NCP605MN25T2G                              |
| Sanyo Semiconductor / ON Semiconductor |                                      |                                           |                                            |
| NCP605MN25T2G                          |                                      |                                           |                                            |

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