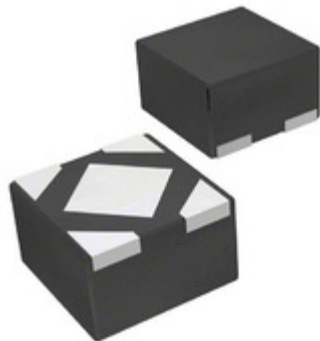


NCP4688DMU25TCG



ON Semiconductor®



Part Number:

NCP4688DMU25TCG

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

IC REG LINEAR 2.5V 150MA 4UDFN

Data sheet:

 [NCP4688](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

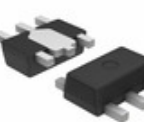
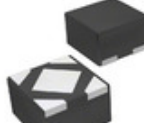
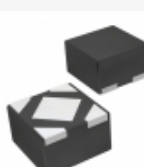
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                  |                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NCP4688DMU25TCG                           | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a>                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG LINEAR 2.5V 150MA 4UDFN            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 194933 pcs                                | Data sheet                       | <a href="#">NCP4688</a>                                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.31V @ 150mA                                                                   |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.5V                                      | Voltage - Output (Max)           | -                                                                               |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5.25V                                     | Supplier Device Package          | 4-UDFN (1.0x1.0)                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                         | Protection Features              | Over Current                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tape & Reel (TR)                          | Package / Case                   | 4-UDFN Exposed Pad                                                              |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 80dB ~ 65dB (1kHz ~ 100kHz)               | Output Type                      | Fixed                                                                           |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Positive                                  | Other Names                      | NCP4688DMU25TCG-ND<br>NCP4688DMU25TCGOSTR                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 85°C                              | Number of Regulators             | 1                                                                               |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                | Detailed Description             | Linear Voltage Regulator IC Positive Fixed 1 Output 2.5V 150mA 4-UDFN (1.0x1.0) |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 100µA                                     | Current - Output                 | 150mA                                                                           |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Enable                                    | Base Part Number                 | NCP4688                                                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 194933 pieces of AMI Semiconductor / ON Semiconductor NCP4688DMU25TCG 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                 |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                                     |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">NCP4688DMU33TCG</a><br>Description: IC REG LINEAR 3.3V 150MA 4UDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4687DH33T1G</a><br>Description: IC REG LINEAR 3.3V 500MA SOT89-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4687DMX33TCG</a><br>Description: IC REG LINEAR 3.3V 500MA 6XDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4687DMX18TCG</a><br>Description: IC REG LINEAR 1.8V 500MA 6XDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4688DSN18T1G</a><br>Description: IC REG LINEAR 1.8V 150MA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4687DMX25TCG</a><br>Description: IC REG LINEAR 2.5V 500MA 6XDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4687DSN25T1G</a><br>Description: IC REG LINEAR 2.5V 500MA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4688DMU30TCG</a><br>Description: IC REG LINEAR 3V 150MA 4UDFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4688DMU18TCG</a><br>Description: IC REG LINEAR 1.8V 150MA 4UDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4688DMU15TCG</a><br>Description: IC REG LDO 1.5V 0.15A 4UDFN      | Manufacturers: <a href="#">ON Semiconductor</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4688DSN12T1G</a><br>Description: IC REG LINEAR 1.2V 150MA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4688DSN33T1G</a><br>Description: IC REG LINEAR 3.3V 150MA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4688DMU12TCG</a><br>Description: IC REG LINEAR 1.2V 150MA 4UDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4688DSN28T1G</a><br>Description: IC REG LINEAR 2.8V 150MA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4688DSN25T1G</a><br>Description: IC REG LINEAR 2.5V 150MA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4688DMU28TCG</a><br>Description: IC REG LINEAR 2.8V 150MA 4UDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4687DSN28T1G</a><br>Description: IC REG LINEAR 2.8V 500MA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4688DSN15T1G</a><br>Description: IC REG LINEAR 1.5V 150MA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4810DR2G</a><br>Description: IC CAPACITOR DISCHARGE 8SOIC         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4687DSN18T1G</a><br>Description: IC REG LINEAR 1.8V 500MA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

| Related keywords for NCP4688DMU25TCG   |                                      |                                           |                                            |
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|                                        |                                      | NCP4688DMU25TCG                           | NCP4688DMU25TCG                            |
| Sanyo Semiconductor / ON Semiconductor |                                      |                                           |                                            |
| NCP4688DMU25TCG                        |                                      |                                           |                                            |

