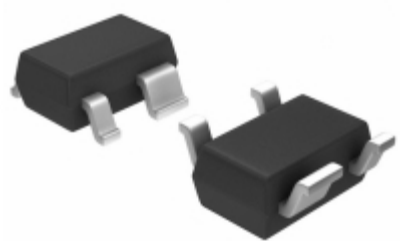


NCP4685ESQ25T1G



ON Semiconductor®

Part Number: [NCP4685ESQ25T1G](#)

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

Description: IC REG LINEAR 2.5V 150MA SC82AB

Data sheet:  [NCP4682,85](#)

RoHs Status: Lead free / RoHS Compliant

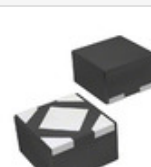
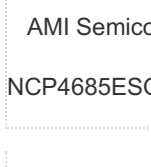
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NCP4685ESQ25T1G                           | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG LINEAR 2.5V 150MA SC82AB           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4006 pcs                                  | Data sheet                       | <a href="#">NCP4682,85</a>                                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.4V @ 150mA                                                           |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.5V                                      | Voltage - Output (Max)           | -                                                                      |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5.25V                                     | Supplier Device Package          | SC-82AB                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Protection Features              | Over Current                                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tape & Reel (TR)                          | Package / Case                   | SC-82A, SOT-343                                                        |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 30dB (1kHz)                               | Output Type                      | Fixed                                                                  |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Positive                                  | Other Names                      | NCP4685ESQ25T1G-ND<br>NCP4685ESQ25T1GOSTR                              |
| 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 SC-82AB |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1.5µA                                     | Current - Output                 | 150mA                                                                  |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Enable                                    | Base Part Number                 | NCP4685                                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 4006 pieces of AMI Semiconductor / ON Semiconductor NCP4685ESQ25T1G 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="#">NCP4683HMU185TCG</a><br>Description: IC REG LINEAR 1.85V 300MA 4UDFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4683DSQ33T1G</a><br>Description: IC REG LINEAR 3.3V 300MA SC88A   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4685EMU30TCG</a><br>Description: IC REG LINEAR 3V 150MA 4UDFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4687DH25T1G</a><br>Description: IC REG LINEAR 2.5V 500MA SOT89-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4687DH18T1G</a><br>Description: IC REG LINEAR 1.8V 500MA SOT89-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4683DSQ28T1G</a><br>Description: IC REG LINEAR 2.8V 300MA SC88A   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4683DMU285TCG</a><br>Description: IC REG LINEAR 2.85V 300MA 4UDFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4686DSN18T1G</a><br>Description: IC REG LINEAR 1.8V 400MA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4685ESQ33T1G</a><br>Description: IC REG LINEAR 3.3V 150MA SC82AB  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4684EMX25TCG</a><br>Description: IC REG LINEAR 2.5V 150MA 4XDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4684EMX33TCG</a><br>Description: IC REG LINEAR 3.3V 150MA 4XDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4687DH12T1G</a><br>Description: IC REG LINEAR 1.2V 500MA SOT89-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4683DMU31TCG</a><br>Description: IC REG LINEAR 3.1V 300MA 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="#">NCP4686DSN08T1G</a><br>Description: IC REG LINEAR 0.8V 400MA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4687DH15T1G</a><br>Description: IC REG LINEAR 1.5V 500MA SOT89-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4683DSQ18T1G</a><br>Description: IC REG LINEAR 1.8V 300MA SC88A   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4683HMU12TCG</a><br>Description: IC REG LINEAR 1.2V 300MA 4UDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4686DSN10T1G</a><br>Description: IC REG LINEAR 1V 400MA SOT23-5   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP4686DSN12T1G</a><br>Description: IC REG LINEAR 1.2V 400MA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

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