

NCP582DSQ25T1G



ON Semiconductor®

Part Number: [NCP582DSQ25T1G](#)

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

Description: IC REG LINEAR 2.5V 150MA SC82AB

Data sheet:  [NCP582](#)

RoHs Status: Lead free / RoHS Compliant

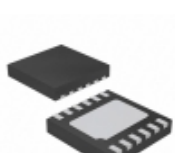
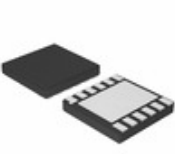
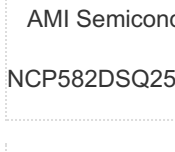
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                  |                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | NCP582DSQ25T1G                            | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4853 pcs                                  | Data sheet                       | <a href="#">NCP582</a>                                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.5V @ 150mA                                                           |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2.5V                                      | Voltage - Output (Max)           | -                                                                      |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6V                                        | Supplier Device Package          | SC-82AB                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Protection Features              | Over Current                                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tape & Reel (TR)                          | Package / Case                   | SC-82A, SOT-343                                                        |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 70dB ~ 60dB (1kHz ~ 10kHz)                | Output Type                      | Fixed                                                                  |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Positive                                  | Other Names                      | NCP582DSQ25T1<br>NCP582DSQ25T1OSTR                                     |
| 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 95µA                                      | Current - Output                 | 150mA                                                                  |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Enable                                    | Base Part Number                 | NCP582                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 4853 pieces of AMI Semiconductor / ON Semiconductor NCP582DSQ25T1G 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="#">NCP582DXV29T2G</a><br>Description: IC REG LINEAR 2.9V 150MA SOT563 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP582DXV33T2G</a><br>Description: IC REG LINEAR 3.3V 150MA SOT563 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP580SQ28T1G</a><br>Description: IC REG LINEAR 2.8V 120MA SC82AB  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP582DSQ18T1G</a><br>Description: IC REG LINEAR 1.8V 150MA SC82AB | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP582DSQ33T1G</a><br>Description: IC REG LINEAR 3.3V 150MA SC82AB | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5810CUMUTXG</a><br>Description: IC AMOLED DVR PS DUAL 1W 12LLGA | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP582DXV15T2G</a><br>Description: IC REG LINEAR 1.5V 150MA SOT563 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">NCP5810DGEVB</a><br>Description: EVAL BOARD FOR NCP5810DG          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP582DSQ30T1G</a><br>Description: IC REG LINEAR 3V 150MA SC82AB   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5810DMUTXG</a><br>Description: IC AMOLED DRIVER DUAL 1W 12UDFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5810CMUTXG</a><br>Description: IC AMOLED DVR PS DUAL 1W 12LLGA  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP580SQ33T1G</a><br>Description: IC REG LINEAR 3.3V 120MA SC82AB  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP582DXV30T2G</a><br>Description: IC REG LINEAR 3V 150MA SOT563   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP580SQ30T1G</a><br>Description: IC REG LINEAR 3V 120MA SC82AB    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP582DSQ28T1G</a><br>Description: IC REG LINEAR 2.8V 150MA SC82AB | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5810MUTXG</a><br>Description: IC DRIVER AMOLED DUAL 1W 12-LLGA  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP582DXV18T2G</a><br>Description: IC REG LINEAR 1.8V 150MA SOT563 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

| Related keywords for NCP582DSQ25T1G    |                                      |                                           |                                            |
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| Sanyo Semiconductor / ON Semiconductor |                                      |                                           |                                            |
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