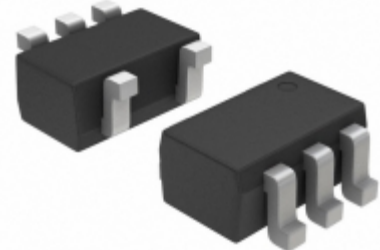


NCP508SQ25T1G



ON Semiconductor®

Part Number: [NCP508SQ25T1G](#)

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

Description: IC REG LINEAR 2.5V 50MA SC88A

Data sheet:  [NCP508](#)

RoHs Status: Lead free / RoHS Compliant

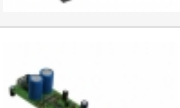
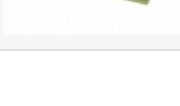
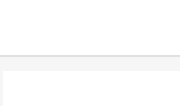
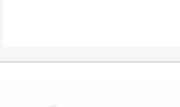
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                           | NCP508SQ25T1G                                                                          | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC REG LINEAR 2.5V 50MA SC88A                                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                    | 557525 pcs                                                                             | Data sheet                       | <a href="#">NCP508</a>                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                                              | Voltage Dropout (Max)            | 0.18V @ 50mA (Typ)                                   |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                          | 2.5V                                                                                   | Voltage - Output (Max)           | -                                                    |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7V                                                                                     | Supplier Device Package          | SC-88A (SC-70-5/SOT-353)                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                                      | Protection Features              | Over Current, Over Temperature                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tape & Reel (TR)                                                                       | Package / Case                   | 5-TSSOP, SC-70-5, SOT-353                            |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 70dB (1kHz)                                                                            | Output Type                      | Fixed                                                |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                  | Positive                                                                               | Other Names                      | NCP508SQ25T1G-ND<br>NCP508SQ25T1GQSTR                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 85°C                                                                           | Number of Regulators             | 1                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                         | Surface Mount                                                                          | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                       | 12 Weeks                                                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | Linear Voltage Regulator IC Positive Fixed 1 Output 2.5V 50mA SC-88A (SC-70-5/SOT-353) | Current - Supply (Max)           | 1.9mA                                                |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                              | 1µA                                                                                    | Current - Output                 | 50mA                                                 |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                      | Enable                                                                                 | Base Part Number                 | NCP508                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 557525 pieces of AMI Semiconductor / ON Semiconductor NCP508SQ25T1G 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="#">NCP508SQ33T1GEVB</a><br>Description: BOARD EVALUATION NCP507 3.3  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP508SQ15T1G</a><br>Description: IC REG LINEAR 1.5V 50MA SC88A   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP508MT28TBG</a><br>Description: IC REG LINEAR 2.8V 50MA 6WDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP508MT18TBGEVB</a><br>Description: BOARD EVAL NCP508 1.8V WDFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP5106APG</a><br>Description: IC DRIVER HI/LO 600V 8-DIP         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP508SQ33T1G</a><br>Description: IC REG LINEAR 3.3V 50MA SC88A   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP508MT30TBG</a><br>Description: IC REG LINEAR 3V 50MA 6WDFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP508MT33TBG</a><br>Description: IC REG LINEAR 3.3V 50MA 6WDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP508MT18TBG</a><br>Description: IC REG LINEAR 1.8V 50MA 6WDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP508MT15TBG</a><br>Description: IC REG LINEAR 1.5V 50MA 6WDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP5104BA36WGEVB</a><br>Description: EVAL BOARD FOR NCP5104BA36WG | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP5106AMNTWG</a><br>Description: IC DRIVER HI/LO 600V 10DFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP5104DR2G</a><br>Description: IC DRIVER HALF BRIDGE HV 8-SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP508SQ15T1GEVB</a><br>Description: BOARD EVALUATION NCP507 1.5V | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP5104PG</a><br>Description: IC DRIVER HALF BRIDGE HV 8-DIP      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP5106ADR2G</a><br>Description: IC DRIVER HI/LO 600V 8-SOIC      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP508SQ18T1G</a><br>Description: IC REG LINEAR 1.8V 50MA SC88A   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP508MT25TBG</a><br>Description: IC REG LINEAR 2.5V 50MA 6WDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP508SQ30T1G</a><br>Description: IC REG LINEAR 3V 50MA SC88A     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |
|  | Part#: <a href="#">NCP508SQ28T1G</a><br>Description: IC REG LINEAR 2.8V 50MA SC88A   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | RFQ |

Related keywords for NCP508SQ25T1G

|                                                         |                                                               |                                                                                              |                                                                                                        |
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