

NCV8170BMX180TCG



ON Semiconductor®

Part Number: [NCV8170BMX180TCG](#)

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

Description: IC REG LINEAR 1.8V 150mA 4XDFN

Data sheet:  [NCV8170](#)

RoHs Status: Lead free / RoHS Compliant

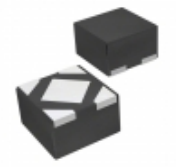
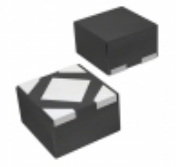
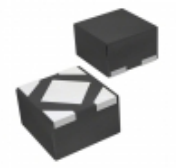
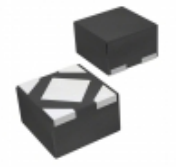
Ship From: Hong Kong

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                 |                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | NCV8170BMX180TCG                          | Manufacturer                    | <a href="#">AMI Semiconductor / ON Semiconductor</a>                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC REG LINEAR 1.8V 150mA 4XDFN            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                    | 367317 pcs                                | Data sheet                      | <a href="#">NCV8170</a>                                                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)           | 0.5V @ 150mA                                                                |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.8V                                      | Voltage - Output (Max)          | -                                                                           |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5.5V                                      | Supplier Device Package         | 4-XDFN (1x1)                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Protection Features             | Over Current, Over Temperature                                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tape & Reel (TR)                          | Package / Case                  | 4-XDFN Exposed Pad                                                          |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 57dB (1kHz)                               | 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 | 4 Weeks                                                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                | Detailed Description            | Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 150mA 4-XDFN (1x1) |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.9µA                                     | Current - Output                | 150mA                                                                       |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                      | Enable                                    |                                 |                                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                                     |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">NCV8170BMX250TCG</a><br>Description: IC REG LINEAR 2.5V 150mA 4XDFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8170BMX280TCG</a><br>Description: IC REG LINEAR 2.8V 150mA 4XDFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">NCV8170AXV360T2G</a><br>Description: IC REG LIN 3.6V 150mA SOT563-6  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8170AXV300T2G</a><br>Description: IC REG LINEAR 3V 150mA SOT563-6 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8170BMX330TCG</a><br>Description: IC REG LINEAR 3.3V 150mA 4XDFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8170BMX300TCG</a><br>Description: IC REG LINEAR 3V 150mA 4XDFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">NCV8170BXV120T2G</a><br>Description: IC REG LIN 1.2V 150mA SOT563-6  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8170BXV150T2G</a><br>Description: IC REG LIN 1.5V 150mA SOT563-6  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">NCV8170AXV330T2G</a><br>Description: IC REG LIN 3.3V 150mA SOT563-6  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">NCV8170BXV250T2G</a><br>Description: IC REG LIN 2.5V 150mA SOT563-6  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8170BMX120TCG</a><br>Description: IC REG LINEAR 1.2V 150mA 4XDFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8170AXV250T2G</a><br>Description: IC REG LIN 2.5V 150mA SOT563-6  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8170AXV180T2G</a><br>Description: IC REG LIN 1.8V 150mA SOT563-6  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV8170BMX310TCG</a><br>Description: IC REG LINEAR 3.1V 150mA 4XDFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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