

LM431BCM/NOPB



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Part Number: [LM431BCM/NOPB](#)

Manufacturer [N/A](#)

Description [IC VREF SHUNT ADJ 8SOIC](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

Ship From: [Hong Kong](#)

Shipment Way: [DHL/Fedex/TNT/UPS/EMS](#)

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                   |                                  |                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | LM431BCM/NOPB                                                     | Manufacturer                     | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC VREF SHUNT ADJ 8SOIC                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 185464 pcs                                                        | Data sheet                       |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                         | Voltage - Output (Min/Fixed)     | 2.495V                     |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                     | 37V                                                               | Voltage - Input                  | -                          |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                  | ±1%                                                               | Temperature Coefficient          | 50ppm/°C Typical           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                    | 8-SOIC                                                            | Series                           | -                          |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                             | Shunt                                                             | Packaging                        | Tube                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                             | 8-SOIC (0.154", 3.90mm Width)                                     | Output Type                      | Adjustable                 |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                | *LM431BCM/NOPB<br>296-45010-5<br>LM431BCM/NOPB-ND<br>LM431BCMNOPB | Operating Temperature            | 0°C ~ 70°C (TA)            |
| Noise - 10Hz to 10kHz                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                 | Noise - 0.1Hz to 10Hz            | -                          |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                              | Surface Mount                                                     | Moisture Sensitivity Level (MSL) | 1 (Unlimited)              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                            | 8 Weeks                                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                       | Shunt Voltage Reference IC 37V ±1% 100mA 8-SOIC                   | Current - Supply                 | -                          |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                           | 100mA                                                             | Current - Cathode                | 1mA                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                           | LM431                                                             |                                  |                            |
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| RELATED PRODUCTS                                                                   |                                                                                                  |                                                                     |                |
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|  | Part#: <a href="#">LM431BCM3</a><br>Description: <a href="#">IC VREF SHUNT ADJ SOT23-3</a>       | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM431BCM3X/NOPB</a><br>Description: <a href="#">IC VREF SHUNT ADJ SOT23-3</a> | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM431BCM3X</a><br>Description: <a href="#">IC VREF SHUNT ADJ 8SOP</a>         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM431BCM</a><br>Description: <a href="#">IC VREF SHUNT ADJ 8SOP</a>           | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM431BCZ/NOPB</a><br>Description: <a href="#">IC VREF SHUNT ADJ TO92-3</a>    | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM431BCM3/NOPB</a><br>Description: <a href="#">IC VREF SHUNT ADJ SOT23-3</a>  | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM431AIZ</a><br>Description: <a href="#">IC VREF SHUNT ADJ TO92-3</a>         | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM431AIMX/NOPB</a><br>Description: <a href="#">IC VREF SHUNT ADJ 8SOIC</a>    | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM431AIZ/NOPB</a><br>Description: <a href="#">IC VREF SHUNT ADJ TO92-3</a>    | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM431AIMX</a><br>Description: <a href="#">IC VREF SHUNT ADJ 8SOP</a>          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM431AIZ</a><br>Description: <a href="#">IC VREF SHUNT ADJ TO92-3</a>         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM431AIZ/LFT1</a><br>Description: <a href="#">IC VREF SHUNT ADJ TO92-3</a>    | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM431BCM3X/NOPB</a><br>Description: <a href="#">IC VREF SHUNT ADJ 8SOIC</a>   | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM431BCM</a><br>Description: <a href="#">IC VREF SHUNT ADJ 8SOIC</a>          | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM431AIM3X/NOPB</a><br>Description: <a href="#">IC VREF SHUNT ADJ SOT23-3</a> | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM431BCM3X</a><br>Description: <a href="#">IC VREF SHUNT ADJ 8SOIC</a>        | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM431AIMX</a><br>Description: <a href="#">IC VREF SHUNT ADJ 8SOIC</a>         | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM431BCM3X</a><br>Description: <a href="#">IC VREF SHUNT ADJ SOT23-3</a>      | Manufacturers: <a href="#">N/A</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">LM431BCZX</a><br>Description: <a href="#">IC VREF SHUNT ADJ TO92-3</a>        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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