

LM2831XSD



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Part Number: [LM2831XSD](#)

Manufacturer: [N/A](#)

Description: [IC REG BUCK ADJ 1.5A 6WSON](#)

Data sheet:

RoHs Status: [Contains lead / RoHS non-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                                                                                                                                                                                                                                                                                                                                                                                                           | LM2831XSD                                 | Manufacturer                     | N/A                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                           | IC REG BUCK ADJ 1.5A 6WSON                | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                    | 78916 pcs                                 | Data sheet                       |                                                                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)     | 0.6V                                                                                  |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                | 4.5V                                      | Voltage - Input (Min)            | 3V                                                                                    |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                 | 5.5V                                      | Topology                         | Buck                                                                                  |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                 | No                                        | Supplier Device Package          | 6-WSON (3x3)                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Packaging                        | Tape & Reel (TR)                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                        | 6-WDFN Exposed Pad                        | Output Type                      | Adjustable                                                                            |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                  | Positive                                  | Other Names                      | LM2831XSDTR                                                                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 125°C (TJ)                        | Number of Outputs                | 1                                                                                     |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                         | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                        | Contains lead / RoHS non-compliant        | Function                         | Step-Down                                                                             |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                 | 1.6MHz                                    | Detailed Description             | Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 1.5A 6-WDFN Exposed Pad |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                      | 1.5A                                      | Base Part Number                 | LM2831                                                                                |
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|  | Part#: <a href="#">LM2831XMF</a><br>Description: <a href="#">IC REG BUCK ADJ 1.5A SOT23-5</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2831XMF/NOPB</a><br>Description: <a href="#">IC REG BUCK ADJ 1.5A SOT23-5</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2831YMF</a><br>Description: <a href="#">IC REG BUCK ADJ 1.5A SOT23-5</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2831XMF EVAL</a><br>Description: <a href="#">EVAL BOARD FOR LM2831XMF</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2831XMFX/NOPB</a><br>Description: <a href="#">IC REG BUCK ADJ 1.5A SOT23-5</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2831XSDX/NOPB</a><br>Description: <a href="#">IC REG BUCK ADJ 1.5A 6WSON</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LM2831XSD/NOPB</a><br>Description: <a href="#">IC REG BUCK ADJ 1.5A 6WSON</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2830ZSDX</a><br>Description: <a href="#">IC REG BUCK ADJ 1A 6WSON</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LM2831XMFX</a><br>Description: <a href="#">IC REG BUCK ADJ 1.5A SOT23-5</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2830ZSD</a><br>Description: <a href="#">IC REG BUCK ADJ 1A 6WSON</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2831YSD/NOPB</a><br>Description: <a href="#">IC REG BUCK ADJ 1.5A 6WSON</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2831YSD</a><br>Description: <a href="#">IC REG BUCK ADJ 1.5A 6WSON</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LM2831XSDX</a><br>Description: <a href="#">IC REG BUCK ADJ 1.5A 6WSON</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2830ZSDX/NOPB</a><br>Description: <a href="#">IC REG BUCK ADJ 1A 6WSON</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2831YMFX</a><br>Description: <a href="#">IC REG BUCK ADJ 1.5A SOT23-5</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2831YMF EVAL</a><br>Description: <a href="#">BOARD EVAL LM2831YMF</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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